2026 Annual Water Quality Report

Metro Park East Landfill
Phase I MSWLF Unit

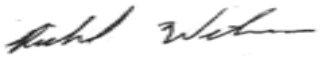
Permit No. 77-SDP-01-72P

Submittal Date: October 19, 2026

This page intentionally left blank.

Certification

I hereby certify that this report was prepared by me or under my direct personal supervision and that I am a qualified groundwater scientist based on the requirements noted in IAC 567—113.10(1)"d".



10/19/2026

Richard Wilson — Date

Pages or sheets covered by this signature:

All

Certification page (PE or ground water scientist signature) ***113.10(1)"d"***

For the purposes of this rule, a "qualified groundwater scientist" means a scientist or an engineer who has received a baccalaureate or postgraduate degree in the natural sciences or engineering and has sufficient training and experience in groundwater hydrology and related fields demonstrated by state registration, professional certifications, or completion of accredited university programs that enable that individual to make sound professional judgments regarding groundwater monitoring, contaminant fate and transport, and corrective action.

This page intentionally left blank.

Table of Contents

Acronyms/Abbreviations ii
Executive Summary iii
Monitoring Network iii
Statistical Analysis iii
Conclusions and Recommendations iv
1 Purpose 1
2 Site Background 1
2.1 Site Status and Applicable Rules 1
3 Monitoring Network and Sampling Procedures 2
3.1 Monitoring Network 2
3.2 Sampling Procedures 3
4 Data Evaluation and Summary 4
4.1 Quality Assurance/Quality Control 4
4.2 Statistical Analysis 6
5 Corrective Action Monitoring 8
6 Conclusions and Recommendations 9

Figures

Figure 1 – Site Map
Figure 2 – March 2026 Groundwater Contours

Tables

Table 1 – Monitoring Program Summary
Table 2 – Monitoring Program Implementation Schedule
Table 3 – Monitoring Well Maintenance and Performance Reevaluation Schedule
Table 4 – Monitoring Well Maintenance and Performance Summary
Table 5 – Background and GWPS Summary
Table 6 – Summary of Well/Detected Constituent Pairs with No Previous SSIs
Table 7 – Summary of Ongoing and Newly Identified SSIs
Table 8 – Summary of Ongoing and Newly Identified SSLs
Table 9 – Summary of Groundwater Chemistry
Table 10 – Historic SSIs and SSLs Since January 1, 2009
Table 11 – Corrective Action Trend Analysis

Appendices

Appendix A – Field Sampling Forms
Appendix B – Analytical Laboratory Reports
Appendix C – Statistical Analysis
Appendix D – Standards History
Appendix E – 2026 Corrective Action Monitoring Program Report

Acronyms/Abbreviations

ACM = Assessment of Corrective Measures
ASL = Above Sea Level
AWQR = Annual Water Quality Report
C&D = Construction and Demolition
CAMP = Corrective Action Monitoring Program
CCR = Coal Combustion Residue
CWTS = Constructed Wetland Treatment System
DO = Dissolved Oxygen
GWPS = Groundwater Protection Standard
HDR = HDR Engineering, Inc.
HMSP = Hydrologic Monitoring System Plan
IAC = Iowa Administrative Code
IDNR = Iowa Department of Natural Resources
LCL = Lower Confidence Limit
LCS = Laboratory Control Sample
LCSD = Laboratory Control Sample Duplicate
LCSPER = Leachate Control System Evaluation Report
MPE = Metro Park East
MWA = Metro Waste Authority
MDL = Method Detection Limit
MSW = Municipal Solid Waste
MSWLF = Municipal Solid Waste Landfill
ORP = Oxidation-Reduction Potential
QA/QC = Quality Assurance / Quality Control
RL = Reporting Limit
RPD = Relative Percent Difference
SSI = Statistically Significant Increase above background
SSL = Statistically Significant Level above groundwater protection standard
UPL = Upper Prediction Limit

Executive Summary

This 2026 Annual Water Quality Report (AWQR) summarizes groundwater monitoring activities, associated data, and statistical analyses that were performed by HDR Engineering, Inc. (HDR) on behalf of the Metro Waste Authority's (MWA) Metro Park East (MPE) Phase I municipal solid waste landfill (MSWLF) unit; herein referenced as the Site. These activities were conducted in accordance with Iowa Administrative Code (IAC) 567—113.10, the current approved Hydrologic Monitoring System Plan (HMSP), the current approved Corrective Action Groundwater Monitoring Program and Groundwater Monitoring Optimization Report, and additional Iowa Department of Natural Resources (IDNR) requirements specified in the Site's solid waste disposal permit number 77-SDP-01-72P.

Groundwater elevations, groundwater purge parameters, and water quality samples were collected as part of the annual sampling event conducted in March 2026. Groundwater samples were submitted to Eurofins in Cedar Falls, Iowa for analysis. Statistical analyses performed included upper prediction limits (UPLs) to identify statistically significant increases (SSIs), and lower confidence limit (LCL) analysis to identify concentrations measured at statistically significant levels (SSLs) above the groundwater protection standards (GWPS). The statistical comparisons were completed using Sanitas® v10.1.06 (Sanitas Technologies) software.

Monitoring Network

Monitoring locations analyzed during the 2026 annual sampling event included two upgradient monitoring locations (MW-23 and MW-24R); six assessment monitoring wells (MW-18, MW-19, MW-28, MW-39, MW-55, and MW-56); five assessment/corrective action monitoring program (CAMP) monitoring wells (MW-14R, MW-31R, MW-32R, MW-33R, and MW-58); six CAMP monitoring points (MW-62, MW-68, MW-69, MW-70, MW-73, and PZ-13); three corrective action/CAMP monitoring wells (MW-29, MW-30R, and MW-57R); a bracketing well (MW-60), a groundwater underdrain treated as leachate (GU-3A), and seven voluntary surface water monitoring points (SW-101, SW-102, SW-103, SW-104, SW-105, SW-106, and SW-107). The Site also has six abandoned monitoring wells which are no longer sampled (MW-20, MW-21, MW-22R, MW-57, MW-59, and MW-72). Per IDNR's comment letter dated May 31, 2024, monitoring wells MW-50, MW-51, MW-52, MW-53, and MW-54 were converted to water level gauging only monitoring points and are no longer sampled as part of the HMSP for the site. The monitoring network for the Site is summarized in the attached **Table 1**, along with the monitoring program of each monitoring point and sampling performed during this reporting period.

Statistical Analysis

Based on the 2026 annual sampling event statistical analysis, SSLs were detected for the following well-constituent pairs:

- MW-29: Cobalt, Vinyl Chloride
- MW-30R: Arsenic, Vinyl Chloride
- MW-58: Arsenic

Each SSL detected during the 2026 annual sampling event has been detected during previous statistical analyses.

Trends were evaluated for the eight most recent sampling events at the 98% confidence level. The following significant trends were identified during the statistical analysis:

- Decreasing Trends
    - Barium at MW-29
    - Cadmium at MW-33R and MW-73
    - Lead at MW-73
    - Nickel at MW-29
    - trans-1,2-Dichloroethene at MW-29
    - Trichloroethene at MW-29
- Increasing Trends
    - 1,1-Dichloroethane at MW-14R
    - Arsenic at MW-14R and MW-29
    - Barium at MW-14R
    - cis-1,2-Dichloroethene at MW-14R

Conclusions and Recommendations

No new SSLs were detected during the 2026 annual sampling event. No groundwater resampling is necessary for monitoring locations evaluated during the reporting period.

The following actions are recommended for the continuation of annual groundwater sampling for the Phase I site:

1. Continue collecting water level measurements on an annual basis at each HMSP approved monitoring location.
2. Collect well depth measurements once every 5-years. Well depths were collected during the 2022 sampling event and will be collected again in 2027.
3. Discharge from seep tie-in trench discharge point GU-3A is currently treated as leachate. Since there were no SSIs identified in constituents monitored during the 2026 annual sampling event in groundwater collected from GU-3A, it is recommended that the underdrain no longer be treated as leachate. Pending approval from IDNR, discharge from GU-3A would no longer be treated as leachate and can be reverted back to surface discharge.
4. Continue following the requirements of IAC 567-113.10(9) as they relate to corrective action.
5. Continue with annual leachate sample collection and analysis. The Leachate Control System Evaluation Report (LCSPER) for the Metro Park East Landfill will be submitted with the MPE Phase II AWQR.

1 Purpose

This 2026 Annual Water Quality Report (AWQR) summarizes groundwater monitoring activities, associated data, and statistical analyses that were prepared by HDR Engineering, Inc. (HDR) on behalf of the Metro Waste Authority's (MWA) Metro Park East (MPE) Phase I municipal solid waste landfill (MSWLF) unit, herein referenced as the Site. These activities were conducted in accordance with Iowa Administrative Code (IAC) 567—113.10, the current approved Hydrologic Monitoring System Plan (HMSP), the current approved Corrective Action Groundwater Monitoring Program and Groundwater Monitoring Optimization Report, and additional Iowa Department of Natural Resources (IDNR) requirements specified in the Site's solid waste disposal permit number 77-SDP-01-72P.

The MPE landfill permit covers both the Phase I and Phase II MSWLF units. This report addresses groundwater conditions at the closed Phase I MSWLF unit.

2 Site Background

The Site is located approximately ten miles east of Des Moines, Iowa and five miles south of Mitchellville, Iowa at 12181 University Ave NE, Mitchellville, Iowa 50169. The property is bounded on the north by State Highway 163, to the south by SE 6th Avenue and SE 3rd Avenue, to the east by SE 128th Street, and to the west by State Highway 316. Land use in the surrounding area is primarily agricultural. A site map depicting the characteristics of the landfill and surrounding vicinity is provided as **Figure 1**.

The geological interpretation referenced herein was obtained from the HMSP dated October 2011. The Quaternary deposits beneath the MPE Landfill consist of loess, glacial drift, and alluvium. In general, loess soils are present in higher elevation areas while alluvial soils are present in lowland areas and adjoining ravines. Glacial drift soils are exposed on the side slopes between the loess mantle that remains and the deposited alluvium. The site is characterized by shallow groundwater within surficial aquifers. Groundwater flow in the vicinity of the MPE Landfill is to the west/southwest, with localized variation and influence from smaller ravines. Groundwater flow along the northern portion of the east side of the Phase I MSWLF unit flows slightly east due to the influence of a ravine north of the Phase II MSWLF unit, which slopes to the east. The Phase II HMSP notes that the Phase II MSWLF unit is expected to influence groundwater in the vicinity (including in the Phase I unit) and direct it inward toward the groundwater control system.

2.1 Site Status and Applicable Rules

The Phase I MSWLF unit provided disposal to Polk County; the cities of Carlisle, Hartford, and Norwalk in Warren County; the cities of Mingo and Prairie City in Jasper County; and the city of Waukee and unincorporated area in Dallas County. The Phase I MSWLF unit is no longer accepting waste. Wastes previously accepted included municipal solid waste (MSW), non-hazardous construction and demolition (C&D) wastes, coal combustion residue (CCR), and approved special wastes. Other wastes may have been accepted in compliance with IAC 567—

109, Special Waste Authorizations. The Phase I unit ceased accepting waste in September 2007 and closure was completed in 2009.

The Site operates under solid waste disposal permit number 77-SDP-01-72P and subsequent amendments. The applicable regulatory requirements are established in the most recent revision to IAC, Chapter 113.

3 Monitoring Network and Sampling Procedures

3.1 Monitoring Network

Monitoring locations analyzed during the 2026 annual sampling event included two upgradient monitoring locations (MW-23 and MW-24R); six assessment monitoring wells (MW-18, MW-19, MW-28, MW-39, MW-55, and MW-56); five assessment/corrective action monitoring program (CAMP) monitoring wells (MW-14R, MW-31R, MW-32R, MW-33R, and MW-58); six CAMP monitoring points (MW-62, MW-68, MW-69, MW-70, MW-73, and PZ-13); three corrective action/CAMP monitoring wells (MW-29, MW-30R, and MW-57R); a bracketing well (MW-60), a groundwater underdrain treated as leachate (GU-3A), and seven voluntary surface water monitoring points (SW-101, SW-102, SW-103, SW-104, SW-105, SW-106, and SW-107). The Site also has six abandoned monitoring wells which are no longer sampled (MW-20, MW-21, MW-22R, MW-57, MW-59, and MW-72). Per IDNR's comment letter dated May 31, 2024, monitoring wells MW-50, MW-51, MW-52, MW-53, and MW-54 were converted to water level gauging only monitoring points and are no longer sampled as part of the HMSP for the site. The monitoring network for the Site is summarized in the attached **Table 1**, along with the monitoring program of each monitoring point and sampling performed during this reporting period. **Table 2** provides the monitoring program implementation plan and sampling schedule. **Table 3** summarizes the monitoring well maintenance and performance reevaluation schedule.

Network wells at the site are sampled annually, in accordance with the Site's HMSP and Provision XI.5 of the Site's solid waste permit. Provision XI.5.f requires that "monitoring wells in detection and assessment monitoring shall be sampled annually using a schedule that captures all four seasons of the year every four years." The monitoring wells at MPE Phase I are sampled across seasons in a rotating quarterly schedule:

Reporting Year	Quarter 1 (Winter – Jan-Mar)	Quarter 2 (Spring – Apr-June)	Quarter 3 (Summer – July-Sept)	Quarter 4 (Fall – Oct-Dec)
2025		X		
2026	X			
2027			X	
2028				X
2029	X			

Each well in the monitoring network is sampled annually. The 2026 laboratory reports are provided in **Appendix B**.

In accordance with the Solid Waste Disposal Permit Special Provision XI.5.g, resampling for the full set of Appendix II constituents will be completed once every 5 years after assessment monitoring wells have had at least two rounds of analysis using the entire Appendix II list. If monitoring points exit assessment monitoring and later return to assessment monitoring, two rounds of analysis using the entire Appendix II list is required.

The schedule for full Appendix II sampling is shown on the table below:

Monitoring Well	Previously Sampled	Next Sampling Event
MW-14R	2024	2029
MW-18	2024	2029
MW-19	2024	2029
MW-28	2024	2029
MW-29	2024	2029
MW-30R	2024	2029
MW-31R	2024	2029
MW-32R	2024	2029
MW-33R	2024	2029
MW-39	2024	2029
MW-55	2025	2030
MW-56	2024	2029
MW-57R[1]	2026	2031
MW-58	2024	2029

Notes:

[1] Monitoring well MW-57R is in the corrective action monitoring program. The first and second rounds of Appendix II sampling were conducted in 2025 and 2026, respectively, at the monitoring well. Resampling will be conducted on a five-year interval from now on. The next Appendix II sampling event will be in 2031.

3.2 Sampling Procedures

A water level indicator was used to measure the static water level in each of the monitoring wells prior to purging and sampling. Groundwater elevations were calculated from static water level measurements and are summarized on the attached **Table 4**. Calculated groundwater elevations for HMSP monitoring wells are shown in the attached **Figure 2** (March 2026 Groundwater Contours). Monitoring wells from both the Phase I (closed landfill) network, Phase II (active landfill) network, former Constructed Wetlands Treatment System (CWTS) network, and water level only wells are used to create the contours. During the March 2026 sampling event, groundwater elevations in the Phase I HMSP monitoring network ranged from 810.92 (MW-18) to 914.90 (MW-50) feet above sea level (ASL). The Phase II HMSP notes that the Phase II MSWLF unit is expected to influence groundwater in the vicinity (including in the Phase I unit) and direct it inward toward the groundwater control system. The contour lines in **Figure 2** are consistent with historical groundwater flow.

Dedicated pumps are used to collect groundwater samples from the network wells. Field parameters were measured to verify and document the presence of a stable and representative

sample medium prior to collection. A multi-parameter meter (In-Situ Aqua TROLL 600 with flow cell) was used to take geochemical measurements including temperature, conductivity, oxidation-reduction potential (ORP), dissolved oxygen (DO), turbidity, and pH of the groundwater purged from the monitoring wells and prior to sampling. Geochemical measurements during purging were recorded on the field sampling forms and are provided in **Appendix A**. Groundwater samples were collected following stabilization of purge parameters. Samples were collected in accordance with the standard low flow sampling techniques described in the most recent and approved HMSP.

Surface water monitoring locations SW-101, SW-102, SW-103, SW-104, SW-105, SW-106, and SW-107 are proposed locations for grab sample collection. The grab samples are collected from the discharge via a clean laboratory sample container. Purge parameters are not collected. During the 2026 annual monitoring event, surface water samples were collected from monitoring locations SW-101, SW-102, SW-103, SW-104, SW-105, SW-106, and SW-107.

Current well conditions, including casing degradation, collision, or vandalism, are provided on the sampling forms included in **Appendix A**. No well maintenance items were noted during the March 2026 sampling event.

4 Data Evaluation and Summary

Groundwater samples were obtained from network monitoring wells listed in **Table 1**. Groundwater samples were submitted to Eurofins in Cedar Falls, Iowa, for analysis. Historical groundwater analytical results are summarized on the attached **Table 9**.

4.1 Quality Assurance/Quality Control

The quality assurance/quality control (QA/QC) protocols for each sampling event include sampling orders, proper field protocols, and laboratory protocols. Three duplicate samples and six trip blank samples were collected and analyzed during the March 2026 sampling event.

Eurofins is responsible for providing QA/QC of laboratory protocols; this documentation is included in **Appendix B**. The laboratory QA/QC protocols and documentation were reviewed. The laboratory sample receipt checklist indicated all samples were received and analyzed within holding times (with the exception of sulfide at MW-14R), within acceptable temperatures, and sample containers were not broken or leaking. Sample from SW-105 was received and analyzed past the holding time for nitrate analysis. Even though the holding time was exceeded for sulfide analysis at monitoring well MW-14R and nitrate analysis at SW-105, resampling is not proposed for these constituents since these results would not change the monitoring program for the next annual monitoring event for these monitoring locations. Sampling for these well-constituent pairs will be conducted during the next annual sampling event (2027).

The following qualifiers were noted for some parameters in the analytical reports for the annual compliance monitoring event:

- *1 : Laboratory control samples (LCS) / laboratory control sample duplicate (LCSD) relative percent difference (RPD) exceeds control limits.

    - Qualifier was reported for semi-volatile organic compounds (SVOC) 3,3'-Dimethylbenzidine and Methapyrilene in sample from monitoring well MW-57R. The qualified constituent had a concentration below laboratory reporting limit.
- H : Sample was prepped or analyzed beyond the specified holding time.
    - The groundwater sample from MW-14R was past holding time for analysis of sulfide.
    - The surface water sample from SW-105 was past holding time for analysis of nitrate as N.
- H3 : Sample was received and analyzed past holding time. This does not meet regulatory requirements
    - The surface water sample from SW-105 was received and analyzed past holding time for analysis of nitrate as N.
- *+ : LCS and/or LCSD is outside acceptable limits, high biased.
    - Qualifier was reported for silver from MW-23, MW-28, MW-31R, MW-56, MW-57R, MW-58, MW-73. Each qualified constituent had a concentration below laboratory reporting limits.
- *- : LCS and/or LCSD is outside acceptable limits, low biased.
    - Qualifier was reported for 1,4-Phenulenediamine and Methapyrilene from MW-57R. Each qualified constituent had a concentration below laboratory reporting limits.
- J : Result is less than the laboratory reporting limit (RL) but greater than or equal to the laboratory method detection limit (MDL) and the concentration is an approximate value. Detections with J-flags are not considered as statistically significant results during analysis.
- F5 : Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
    - Lab duplicate RPD for cobalt from MW-23 exceeded the detection limit. Both sample results were less than 5 times RL and less than respective the upper reporting limits.
- ^1+ : Initial Calibration Verification (ICV) is outside acceptance limits, high biased.
    - Qualifier was reported for thallium from MW-28, MW-31R, MW-32R, MW-33R, MW-56, MW-58, MW-73

None of the well-constituent pairs with qualifiers were flagged as outliers during the outlier analysis, which indicates the results are consistent with historical data. The review of laboratory data did not trigger corrective measures such as laboratory re-analysis for the 2026 sampling event.

No constituents were detected in the trip blanks. Therefore, the results of the trip blanks did not trigger corrective measures such as resampling or laboratory re-analysis.

Three field duplicate samples (DUP-1, DUP-2, and DUP-3) were collected during the March 2026 sampling event. Field duplicate samples were analyzed to determine the relative percent difference (RPD) between the original (parent) sample and the duplicate sample. RPD values

are only calculated for constituents detected above the laboratory MDL for both the parent and duplicate sample. According to *Practical Guide for Ground-Water Sampling*, Barcelona et al, November 1985, "Duplicate sample values which differ by less than ±50% relative difference indicates good error control."

The table below presents the parent/duplicate sample results along with the calculated RPD values. Each calculated RPD value is below the recommended 50% in duplicate pairs.

Parameter	Units	DUP-1	MW-14R	RPD (%)	DUP-2	MW-29	RPD (%)	DUP-3	MW-30R	RPD (%)
Arsenic	mg/L	0.0247	0.0246	0.41	0.0177	0.0166	6.41	0.0103	0.0105	1.92
Barium	mg/L	0.364	0.370	1.63	0.754	0.712	5.73	0.568	0.566	0.35
Cobalt	mg/L	0.000438J	0.000428J	2.31	0.0685	0.0665	2.96	0.00608	0.00626	2.92
Copper	mg/L	-	-	-	-	0.00587	-	-	-	-
Nickel	mg/L	-	-	-	0.0647	0.0621	4.10	0.00494J	0.00477J	3.50
1,1-DCA	µg/L	9.29	8.63	7.37	2.30	2.27	1.31	2.96	3.17	6.85
1,2-DCB	µg/L	-	-	-	0.716J	0.728J	1.66	-	-	-
1,2-DCP	µg/L	1.04	1.17	11.8	0.849J	0.761J	10.9	0.427 J	-	-
1,4-DCB	µg/L	-	-	-	11.1	11.0	0.90	-	-	-
Acetone	µg/L	-	-	-	5.37J	3.92J	31.2	-	-	-
Benzene	µg/L	-	-	-	2.84	2.89	1.75	0.313J	0.314J	0.32
Chlorobenzene	µg/L	-	-	-	19.4	21.1	8.40	-	-	-
cis-1,2-DCE	µg/L	46.6	46.6	0.00	6.74	6.60	2.10	35.1	36.0	2.53
trans-1,2-DCE	µg/L	0.738J	0.844J	13.4	0.529J	0.717J	30.2	1.06	1.33	22.6
TCE	µg/L	3.68	3.71	0.81	0.559J	0.497J	11.7	2.02	1.84	9.33
Vinyl Chloride	µg/L	5.05	4.69	7.39	2.47	2.35	4.98	4.14	4.86	16.0
TSS	mg/L	15.5	15.8	1.92	16.3	20.3	21.9	17.8	17.8	0.00

Notes:
DCA = Dichloroethane
DCB = Dichlorobenzene
DCE = Dichloroethene
DCP = Dichloropropane
RPD = Relative Percent Difference
TCE = Trichloroethene
TSS = Total Suspended Solids
mg/L = milligrams per liter
µg/L = micrograms per liter
'-' = Not Applicable; Constituent was not detected and/or RPD was not calculated.

Results of the quality assurance/quality control samples have been qualified and did not trigger corrective measures such as resampling or laboratory re-analysis for the 2026 annual sampling event.

4.2 Statistical Analysis

Prior to statistical analyses, descriptive analyses are performed on the dataset consisting of outlier analysis, time series graphs, box and whisker plots, and trend test analysis. These tests are performed to verify the validity of the data used to determine upper prediction limits (UPLs) and lower confidence limits (LCLs). Statistical analyses performed included prediction limits to identify statistically significant increases (SSIs), and LCL analysis to identify concentrations

measured at statistically significant levels (SSLs) above the groundwater protection standards (GWPS). The statistical comparisons were completed using Sanitas® v10.1.06 (Sanitas Technologies) software. Results of statistical analyses are located in **Appendix C**.

Due to high cobalt concentrations sitewide, a site-specific standard of 0.0137 milligrams per liter (mg/L) has been established and is used to calculate LCLs. The other constituents use the GWPS listed in **Table 7** and **Table 8**. A summary of March 2026 and historical SSIs and SSLs is included in **Table 10**.

4.2.1 Prediction Limits

Interwell UPLs for inorganic constituents were calculated with all historical data through 2026 from background wells MW-23 and MW-24R. The UPLs used a non-parametric test (as opposed to a parametric UPL) as the data was non-normal for each constituent. For non-parametric interwell UPLs, the UPL is the highest background value from the historical data set. If each historical value is below laboratory RLs, the most recent MDL is used as the UPL. Historical UPLs, calculated annually between 2018 and 2026, are shown graphically in the Standards History in **Appendix D**.

Assessment monitoring well-constituent pairs for the March 2026 sampling event were evaluated for trends and confidence intervals. UPLs were not calculated for organic constituents.

4.2.2 Double Quantification Rule

For organic constituents, the quasi-statistical double quantification rule (DQR) analysis was used to identify SSIs. SSIs were identified if an organic constituent was detected above laboratory reporting limits in both the 2025 annual monitoring results and 2026 annual monitoring results.

4.2.3 Trends

Trend tests were calculated for both inorganic and organic constituents at the 98% confidence level. For organic constituents, trend tests were constructed if there were enough historical detections for the Sanitas statistical program to run the Sen's Slope / Mann-Kendall trend test (n = 4). Short-term (eight most recent sampling events) and long-term (16 most recent sampling events) trends were constructed to evaluate the data over time. For some constituents, less than eight detections were used to construct the trend tests due to historical variations in testing frequency by constituent. The following statistically significant trends were identified in the short-term trend dataset during the analysis:

- Decreasing Trends
    - Barium at MW-29
    - Cadmium at MW-33R and MW-73
    - Lead at MW-73
    - Nickel at MW-29
    - trans-1,2-Dichloroethene at MW-29
    - Trichloroethene at MW-29

- Increasing Trends
    - 1,1-Dichloroethane at MW-14R
    - Arsenic at MW-14R and MW-29
    - Barium at MW-14R
    - cis-1,2-Dichloroethene at MW-14R

4.2.3 Confidence Intervals

Confidence intervals indicated SSLs over GWPS for monitoring wells MW-29, MW-30R, and MW-58. SSLs were detected for the following well-constituent pairs:

- MW-29: Cobalt, Vinyl Chloride
- MW-30R: Arsenic, Vinyl Chloride
- MW-58: Arsenic

The SSLs detected during the March 2026 sampling event have been detected during previous statistical analyses. No new SSL was identified during the 2026 statistical analysis.

Table 11 summarizes the trends for the recent eight samples for constituent-well pairs that have been identified as SSLs during the 2026 annual reporting period. A statistically significant trend was not identified for the constituents identified as SSLs during the 2026 annual reporting period.

5 Corrective Action Monitoring

The Site has prepared an Assessment of Corrective Measures (ACM) and selected a remedy for corrective action. The following steps have been taken for the ACM process:

- An ACM report was submitted to IDNR on July 8, 2011 (Doc # 65728) and approved as Permit Amendment #12, issued by IDNR on January 15, 2013 (Doc #75705).
- A public meeting to discuss the findings of the ACM report was held on March 11, 2013. Notes of the meeting were placed in the operating record and submitted to IDNR on April 23, 2013 (Doc #76700).
- MWA submitted the Selection of Remedy on May 20, 2013 (Doc #77010). The selected remedy was implemented upon approval.
- The IDNR approved the Selection of Remedy in correspondence dated June 13, 2013 (Doc #77271).
- Corrective action financial assurance documentation was submitted on June 14, 2013 (Doc #77401).
- The CAMP, dated July 2014 (Doc #80628), was approved by the IDNR in Permit Amendment #26 dated January 26, 2015 (Doc #82285) and implemented in June 2015.
- The sampling and evaluation procedure in the CAMP were modified and approved in IDNR in the revised site permit dated July 26, 2016 (Doc #86768).

The Corrective Action Monitoring Plan Report for 2026 is included in **Appendix E**.

6 Conclusions and Recommendations

No new SSL was detected during the March 2026 annual sampling event. No groundwater resampling is necessary for monitoring locations evaluated during the reporting period.

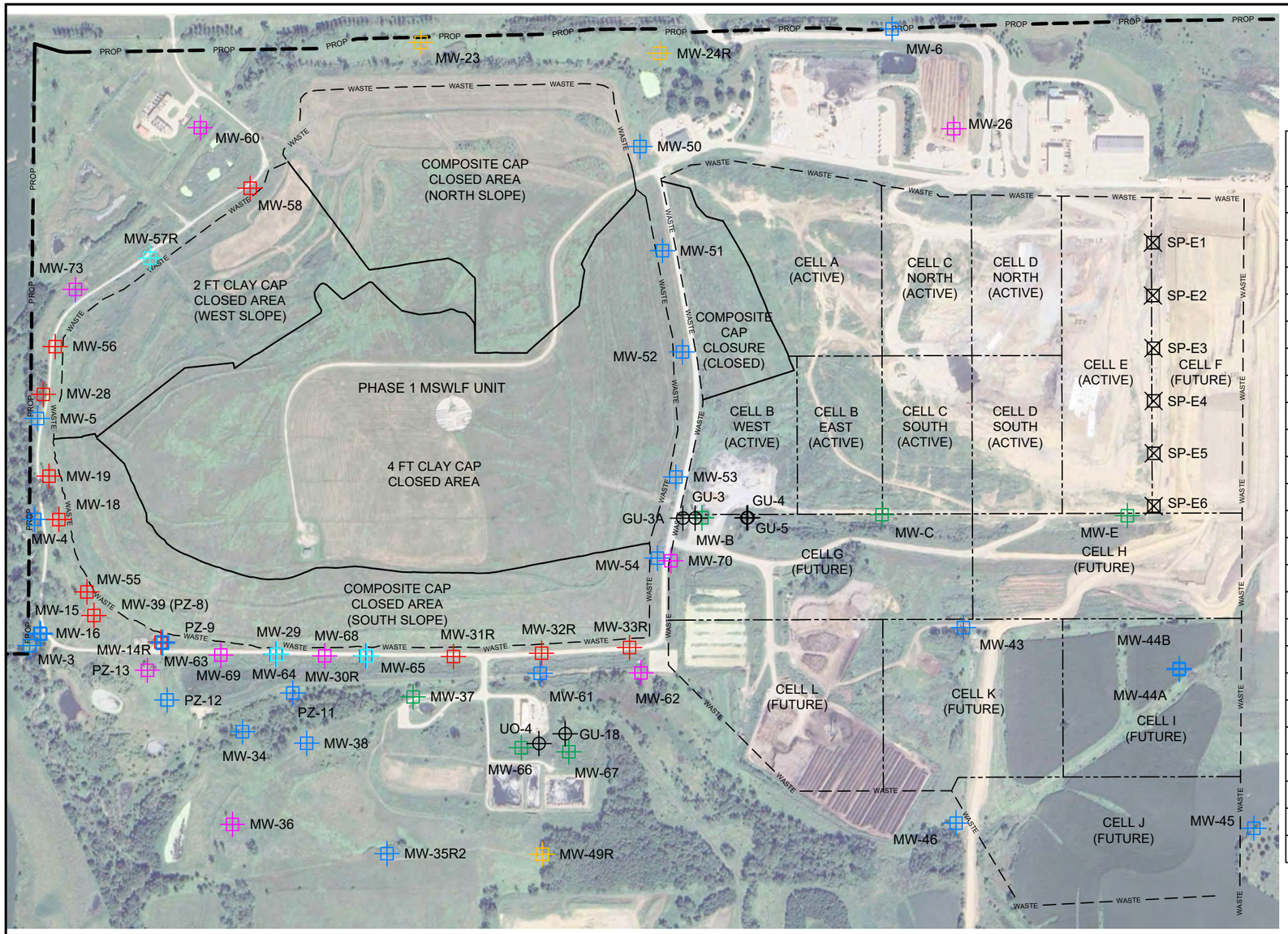
The following actions are recommended for the continuation of annual groundwater sampling for the Phase I site:

1. Continue collecting water level measurements on an annual basis at each HMSP approved monitoring location.
2. Collect well depth measurements once every 5 years. Well depths were collected during the 2022 sampling event and will be collected again in 2027.
3. Discharge from seep tie-in trench discharge point GU-3A is currently treated as leachate. Since there were no SSIs identified in constituents monitored during the 2026 annual sampling event in groundwater collected from GU-3A, it is recommended that the underdrain no longer be treated as leachate. Pending approval from IDNR, discharge from GU-3A would no longer be treated as leachate and can be reverted back to surface discharge.
4. Continue following the requirements of IAC 567-113.10(9) as they relate to corrective action.
5. Continue with annual leachate sample collection and analysis. The Leachate Control System Evaluation Report (LCSPER) for the Metro Park East Landfill will be submitted with the MPE Phase II AWQR.

This page intentionally left blank.

Figures

This page intentionally left blank



N

700 0 700 1400

SCALE IN FEET

PHASE I MSWLF UNIT WELL NETWORK	
WELL ID	CURRENT MONITORING PROGRAM
MW-14	ASSESSMENT/CAMP
MW-18	ASSESSMENT
MW-19	ASSESSMENT
MW-23	BACKGROUND
MW-24R	BACKGROUND
MW-28	ASSESSMENT
MW-29	CORRECTIVE ACTION/CAMP
MW-30R	CORRECTIVE ACTION/CAMP
MW-31R	ASSESSMENT/CAMP
MW-32R	ASSESSMENT/CAMP
MW-33R	ASSESSMENT/CAMP
MW-39	ASSESSMENT
MW-55	ASSESSMENT
MW-56	ASSESSMENT
MW-57R	CORRECTIVE ACTION/CAMP
MW-58	ASSESSMENT/CAMP
GU-3A	TREATED AS LEACHATE
MW-60	CAMP
MW-62	CAMP
MW-68	CAMP
MW-69	CAMP
MW-70	CAMP
MW-73	CAMP
PZ-13	CAMP

PHASE II MSWLF UNIT WELL NETWORK	
WELL ID	CURRENT MONITORING PROGRAM
MW-26	SUPPLEMENTAL
MW-67	DETECTION
MW-B	DETECTION
MW-C	DETECTION
MW-E	DETECTION
GU-3	DETECTION
GU-4	DETECTION
GU-5	DETECTION
GU-18	DETECTION

FORMER CWTS WELL NETWORK	
WELL ID	CURRENT MONITORING PROGRAM
MW-49R	BACKGROUND
MW-37	DETECTION
MW-66	DETECTION
UO-4	DETECTION
MW-36	BORON TREND

NOTES:

1. AERIAL PHOTO PROVIDED BY GOOGLE EARTH ON AUGUST 2025.
2. MONITORING WELLS MW-20, MW-21, MW-22R, MW-47, MW-59, MW-71 AND MW-72 ARE ABANDONED AND NOT SHOWN ON THE FIGURE.

LEGEND

- PERMITTED EDGE OF WASTE
- CELL BOUNDARY
- PROPERTY LINE
- ASSESSMENT MONITORING WELL
- BACKGROUND MONITORING WELL
- DETECTION MONITORING WELL
- CAMP/DELINEATION WELL
- CORRECTIVE ACTION WELL
- WELL - WATER LEVEL ONLY
- GROUNDWATER UNDERDRAIN
- GROUNDWATER STAND PIPE

Metro Waste Authority

HDR

METRO WASTE AUTHORITY
METRO PARK EAST
PHASE I & PHASE II MSWLF UNITS

SITE MAP

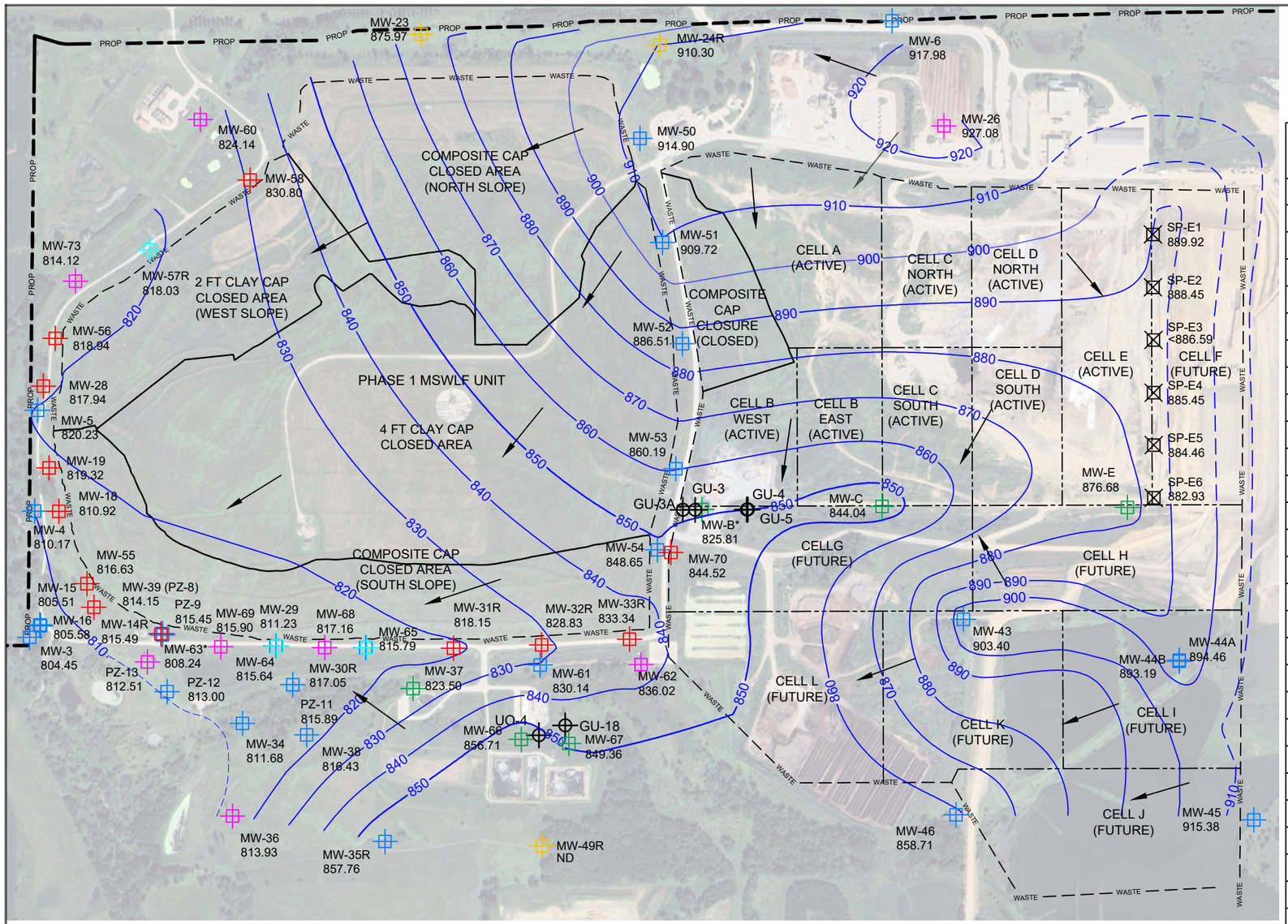
DATE

JUNE 2026

FIGURE

1

This page intentionally left blank.



N

700 0 700 1400

SCALE IN FEET

PHASE I MSWLF UNIT WELL NETWORK	
WELL ID	CURRENT MONITORING PROGRAM
MW-14	ASSESSMENT/CAMP
MW-18	ASSESSMENT
MW-19	ASSESSMENT
MW-23	BACKGROUND
MW-24R	BACKGROUND
MW-28	ASSESSMENT
MW-29	CORRECTIVE ACTION/CAMP
MW-30R	CORRECTIVE ACTION/CAMP
MW-31R	ASSESSMENT/CAMP
MW-32R	ASSESSMENT/CAMP
MW-33R	ASSESSMENT/CAMP
MW-39	ASSESSMENT
MW-50	ASSESSMENT
MW-51	ASSESSMENT
MW-52	CORRECTIVE ACTION/CAMP
MW-53	CORRECTIVE ACTION/CAMP
MW-54	CORRECTIVE ACTION/CAMP
MW-55	ASSESSMENT
MW-56	ASSESSMENT
MW-57R	CORRECTIVE ACTION/CAMP
MW-58	ASSESSMENT/CAMP
GU-3A	TREATED AS LEACHATE
MW-60	CAMP
MW-62	CAMP
MW-68	CAMP
MW-69	CAMP
MW-70	CAMP
MW-73	CAMP
PZ-13	CAMP

PHASE II MSWLF UNIT WELL NETWORK	
WELL ID	CURRENT MONITORING PROGRAM
MW-26	SUPPLEMENTAL
MW-67	DETECTION
MW-B	DETECTION
MW-C	DETECTION
MW-E	DETECTION
GU-3	DETECTION
GU-4	DETECTION
GU-5	DETECTION
GU-18	DETECTION

FORMER CWTS WELL NETWORK	
WELL ID	CURRENT MONITORING PROGRAM
MW-49R	BACKGROUND
MW-37	DETECTION
MW-66	DETECTION
UO-4	DETECTION
MW-36	BORON TREND

NOTES:

1. AERIAL PHOTO OBTAINED FROM GOOGLE EARTH ON AUGUST 2025.
2. MONITORING WELLS MW-B and MW-63 WERE NOT USED FOR GENERATION OF CONTOURS DUE TO ANOMALOUS ELEVATION.

LEGEND

- PERMITTED EDGE OF WASTE
- CELL BOUNDARY
- PROPERTY LINE
- 990 GROUNDWATER CONTOUR
- INFERRED GROUNDWATER CONTOUR
- FLOW DIRECTION
- ASSESSMENT MONITORING WELL
- BACKGROUND MONITORING WELL
- DETECTION MONITORING WELL
- CAMP/DELINEATION WELL
- CORRECTIVE ACTION WELL
- WELL - WATER LEVEL ONLY
- GROUNDWATER UNDERDRAIN
- GROUNDWATER STAND PIPE

ND = NOT DETECTED

NM = NOT MEASURED

Metro Waste Authority

HDR

METRO WASTE AUTHORITY
METRO PARK EAST
PHASE I & PHASE II MSWLF UNITS

MARCH 2026 GROUNDWATER CONTOURS

DATE

JUNE 2026

FIGURE

2

This page intentionally left blank.

Tables

This page intentionally left blank

Table 1
Monitoring Program Summary
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Monitoring Point	Formation	Current Monitoring Program	Change for Next Sampling Event	Constituents w/ SSI	Constituents w/ SSL	Total # of Samples in Each Monitoring Program Since January 1, 2009[1]		
						Detection[2]	Assessment	Corrective Action
MW-14R	Glacial Drift - unweathered	Assessment/CAMP	No Change	Arsenic, 1,1-DCA, cis-1,2-DCE, TCE, Vinyl Chloride	None		24	
MW-18	Glacial Drift - unweathered	Assessment	No Change	None	None		17	
MW-19	Loess	Assessment	No Change	None	None		25	
MW-20	Glacial Drift - unweathered	Abandoned	Not Applicable	Not Applicable	Not Applicable		19	
MW-21	Glacial Drift - unweathered	Abandoned	Not Applicable	Not Applicable	Not Applicable			19
MW-22R	Glacial Drift - unweathered	Abandoned	Not Applicable	Not Applicable	Not Applicable		19	
MW-23	Glacial Drift - unweathered	Background	No Change	None	None	19[2]		
MW-24R	Glacial Drift - weathered	Background	No Change	None	None	18[2]		
MW-28	Unavailable	Assessment	No Change	Arsenic	None		25	
MW-29	Glacial Drift - unweathered	Corrective Action/CAMP	No Change	Arsenic, Barium, Cobalt, Copper[4], Nickel, 1,1-DCA, 1,4-Dichlorobenzene, Benzene, Chlorobenzene, cis-1,2-DCE, Vinyl Chloride	Cobalt, Vinyl Chloride			25
MW-30R	Glacial Drift - unweathered	Corrective Action/CAMP	No Change	Arsenic, Barium, Cobalt, 1,1-DCA, cis-1,2-DCE, TCE, Vinyl Chloride	Arsenic, Vinyl Chloride			26
MW-31R	Alluvium	Assessment/CAMP	No Change	None	None		26	
MW-32R	Alluvium/Glacial Drift (UW)	Assessment/CAMP	No Change	Lead[4]	None		26	
MW-33R	Alluvium	Assessment/CAMP	No Change	Arsenic, Barium, Cadmium, Cobalt	None		25	
MW-39	Glacial Drift - unweathered	Assessment	No Change	Cobalt	None		26	
MW-50[3]	Glacial Drift - weathered	WLGO	Not Applicable	Not Applicable	Not Applicable		22	
MW-51[3]	Glacial Drift - weathered	WLGO	Not Applicable	Not Applicable	Not Applicable		21	
MW-52[3]	Loess/Glacial Drift (W)	WLGO	Not Applicable	Not Applicable	Not Applicable			21
MW-53[3]	Glacial Drift - (W and UW)	WLGO	Not Applicable	Not Applicable	Not Applicable			20
MW-54[3]	Alluvium/Glacial Drift (UW)	WLGO	Not Applicable	Not Applicable	Not Applicable			21
MW-55	Glacial Drift - weathered	Assessment	No Change	None	None		22	
MW-56	Glacial Drift - (W and UW)	Assessment	No Change	Arsenic, Cobalt	None		24	
MW-57	Glacial Drift - unweathered	Abandoned	Not Applicable	Not Applicable	Not Applicable			16
MW-57R	Glacial Drift - unweathered	Corrective Action/CAMP	No Change	Arsenic, Cadmium, Cobalt, Nickel	None			10
MW-58	Alluvium/Glacial Drift (W,UW)	Assessment/CAMP	No Change	Arsenic, Barium, Copper, Nickel, Benzene, Chlorobenzene	Arsenic			23
GU-3A	Not Applicable	Treated with Leachate	No Change	Not Applicable	Not Applicable	Not Applicable		
MW-59	Glacial Drift - (W and UW)	Abandoned	Not Applicable	Not Applicable	Not Applicable	Not Applicable		
MW-60	Glacial Drift - unweathered	Bracketing	No Change	Not Applicable	Not Applicable	Not Applicable		
MW-62	Glacial Drift - weathered	CAMP	No Change	Not Applicable	Not Applicable	Not Applicable		
MW-68	Glacial Drift - weathered	CAMP	No Change	Not Applicable	Not Applicable	Not Applicable		
MW-69	Glacial Drift - weathered	CAMP	No Change	Not Applicable	Not Applicable	Not Applicable		
MW-70	Alluvium	CAMP	No Change	Not Applicable	Not Applicable	Not Applicable		
MW-72	Alluvium/Glacial Drift (W,UW)	Abandoned	Not Applicable	Not Applicable	Not Applicable	Not Applicable		
MW-73	Alluvium/Glacial Drift (W,UW)	CAMP	No Change	Not Applicable	Not Applicable	Not Applicable		
PZ-13	Glacial Drift - weathered	CAMP	No Change	Not Applicable	Not Applicable	Not Applicable		

Table 1
Monitoring Program Summary
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Monitoring Point	Formation	Current Monitoring Program	Change for Next Sampling Event	Constituents w/ SSI	Constituents w/ SSL	Total # of Samples in Each Monitoring Program Since January 1, 2009[1]		
						Detection[2]	Assessment	Corrective Action
SW-101	Not Applicable	Voluntary/CAMP	No Change	Not Applicable	Not Applicable	Not Applicable		
SW-102	Not Applicable	Voluntary/CAMP	No Change	Not Applicable	Not Applicable	Not Applicable		
SW-103	Not Applicable	Voluntary/CAMP	No Change	Not Applicable	Not Applicable	Not Applicable		
SW-104	Not Applicable	Voluntary	No Change	Not Applicable	Not Applicable	Not Applicable		
SW-105	Not Applicable	Voluntary	No Change	Not Applicable	Not Applicable	Not Applicable		
SW-106	Not Applicable	Voluntary/CAMP	No Change	Not Applicable	Not Applicable	Not Applicable		
SW-107	Not Applicable	Voluntary/CAMP	No Change	Not Applicable	Not Applicable	Not Applicable		

Notes:

[1] Based on Table 1-1 from the 2015 AWQR - Phase I MSWLF Unit dated January 27, 2016 by Barker Lemar Engineering Consultants. Data from 2016 to present added to existing Table 1 data.

[2] Indicates samples collected for Appendix I parameters.

[3] Per IDNR's comment letter dated May 31, 2024, monitoring wells MW-50, MW-51, MW-52, MW-53, and MW-54 were converted to water level gauging only monitoring points and are no longer sampled.

[4] Constituent was identified as a potential SSI. Since this was the initial detection, a verification monitoring event will be conducted during the next annual monitoring event to confirm the SSI.

DCA = Dichloroethane

DCE = Dichloroethene

SSI = Statistically Significant Increase

SSL - Statistically Significant Level

TCE = Trichloroethene

WLGO = Water Level Gauging Only

Table 2
Monitoring Program Implementation Schedule
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Monitoring Point	Recent Sampling Dates and Constituents [1]		Upcoming Sampling Dates and Constituents [1]
	April 2025 (Quarter 2)	March 2026 (Quarter 1)	September 2027 (Quarter 3)
MW-14R	Appendix I, Sulfide, TSS, TOC	Appendix I, Sulfide, TSS, TOC	Appendix I, Sulfide, TSS, TOC
MW-18	Appendix I, Mercury, TSS	Appendix I, TSS	Appendix I, TSS
MW-19	Appendix I, Mercury, TSS	Appendix I, TSS	Appendix I, TSS
MW-23	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS
MW-24R	Appendix I, TSS, TOC	Appendix I, TSS, TOC	Appendix I, TSS, TOC
MW-28	Appendix I, Mercury, TSS	Appendix I, TSS	Appendix I, TSS
MW-29	Appendix I, TSS, TOC	Appendix I, TSS, TOC	Appendix I, TSS, TOC
MW-30R	Appendix I, TSS, TOC	Appendix I, TSS, TOC	Appendix I, TSS, TOC
MW-31R	Appendix I, TSS, TOC	Appendix I, TSS, TOC	Appendix I, TSS, TOC
MW-32R	Appendix I, TSS, TOC	Appendix I, TSS, TOC	Appendix I, TSS, TOC
MW-33R	Appendix I, TSS, TOC	Appendix I, TSS, TOC	Appendix I, TSS, TOC
MW-39	Appendix I, Mercury, TSS	Appendix I, TSS	Appendix I, TSS
MW-50[3]	No Sample - Water Level Gauging Only	No Sample - Water Level Gauging Only	No Sample - Water Level Gauging Only
MW-51[3]	No Sample - Water Level Gauging Only	No Sample - Water Level Gauging Only	No Sample - Water Level Gauging Only
MW-52[3]	No Sample - Water Level Gauging Only	No Sample - Water Level Gauging Only	No Sample - Water Level Gauging Only
MW-53[3]	No Sample - Water Level Gauging Only	No Sample - Water Level Gauging Only	No Sample - Water Level Gauging Only
MW-54[3]	No Sample - Water Level Gauging Only	No Sample - Water Level Gauging Only	No Sample - Water Level Gauging Only

Table 2
Monitoring Program Implementation Schedule
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Monitoring Point	Recent Sampling Dates and Constituents [1]		Upcoming Sampling Dates and Constituents [1]
	April 2025 (Quarter 2)	March 2026 (Quarter 1)	September 2027 (Quarter 3)
MW-55	Appendix II, TSS	Appendix I, Sulfide, TSS	Appendix I, Sulfide, TSS
MW-56	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS
MW-57R [2]	Appendix II, TSS, TOC	Appendix II, TSS, TOC	Appendix I, TSS, TOC
MW-58	Appendix I, TSS, TOC	Appendix I, TSS, TOC	Appendix I, TSS, TOC
GU-3A	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS
MW-60	Arsenic, Cobalt, TSS	Arsenic, Cobalt, TSS	Arsenic, Cobalt, TSS
MW-62	Arsenic, TSS	Arsenic, TSS	Arsenic, TSS
MW-68	Appendix I VOCs, TSS	Appendix I VOCs, TSS	Appendix I VOCs, TSS
MW-69	Appendix I VOCs, TSS	Appendix I VOCs, TSS	Appendix I VOCs, TSS
MW-70	Appendix I VOCs, TSS, TOC	Appendix I VOCs, TSS, TOC	Appendix I VOCs, TSS, TOC
MW-73 [2]	Appendix I , TSS, TOC	Appendix I , TSS, TOC	Appendix I , TSS, TOC
PZ-13	Appendix I VOCs, TSS, Arsenic, Cobalt	Appendix I VOCs, TSS, Arsenic, Cobalt	Appendix I VOCs, TSS, Arsenic, Cobalt
SW-101	TSS, Ammonia, Chloride, COD, Iron (dissolved), Arsenic, Cobalt	TSS, Ammonia, Chloride, COD, Iron (dissolved), Arsenic, Cobalt	TSS, Ammonia, Chloride, COD, Iron (dissolved), Arsenic, Cobalt
SW-102	TSS, Ammonia, Chloride, COD, Iron (dissolved), Arsenic, Cobalt	TSS, Ammonia, Chloride, COD, Iron (dissolved), Arsenic, Cobalt	TSS, Ammonia, Chloride, COD, Iron (dissolved), Arsenic, Cobalt
SW-103	TSS, Ammonia, Chloride, COD, Iron (dissolved), Arsenic, Cobalt	TSS, Ammonia, Chloride, COD, Iron (dissolved), Arsenic, Cobalt	TSS, Ammonia, Chloride, COD, Iron (dissolved), Arsenic, Cobalt
SW-104	Ammonia, Chloride, COD, Iron (dissolved)	Ammonia, Chloride, COD, Iron (dissolved)	Ammonia, Chloride, COD, Iron (dissolved)

Table 2
Monitoring Program Implementation Schedule
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Monitoring Point	Recent Sampling Dates and Constituents [1]		Upcoming Sampling Dates and Constituents [1]
	April 2025 (Quarter 2)	March 2026 (Quarter 1)	September 2027 (Quarter 3)
SW-105	Ammonia, Chloride, COD, Iron (dissolved), Nitrate as N	Ammonia, Chloride, COD, Iron (dissolved), Nitrate as N	Ammonia, Chloride, COD, Iron (dissolved), Nitrate as N
SW-106	TSS, Ammonia, Chloride, COD, Iron (dissolved), Arsenic, Cobalt	TSS, Ammonia, Chloride, COD, Iron (dissolved), Arsenic, Cobalt	TSS, Ammonia, Chloride, COD, Iron (dissolved), Arsenic, Cobalt
SW-107	TSS, Ammonia, Chloride, COD, Iron (dissolved), Arsenic, Cobalt, Nitrate as N	TSS, Ammonia, Chloride, COD, Iron (dissolved), Arsenic, Cobalt, Nitrate as N	TSS, Ammonia, Chloride, COD, Iron (dissolved), Arsenic, Cobalt, Nitrate as N

Comments:

[1] All wells in the Phase I monitoring network are sampled annually. In previous years, the wells were split into Group 1 and Group 2 and rotated throughout the year to account for seasonality. IDNR approved an updated schedule where all wells are sampled annually across seasons in a rotating quarterly schedule (see **Section 3.1**).

[2] MW-57R and MW-73 were installed in May 2020 and were sampled semiannually until eight samples were collected, at which point the wells would transition to being sampled annually. Annual sampling began in October 2024 for these monitoring wells.

[3] Per IDNR's comment letter dated May 31, 2024, monitoring wells MW-50, MW-51, MW-52, MW-53, and MW-54 were converted to water level gauging only monitoring points and are no longer sampled.

This page intentionally left blank.

Table 3
Monitoring Well Maintenance and Performance Reevaluation Schedule
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Compliance with:	2023	2024	2025	2026	2027	2028
567 IAC 113.10(2)"f"(1) high and low water levels	Completed	Biennial	Completed	Biennial	Scheduled	Biennial
567 IAC 113.10(2)"f"(2) changes in the hydrologic setting and flow paths	Completed	Biennial	Completed	Biennial	Scheduled	Biennial
567 IAC 113.10(2)"f"(3) well depths	Every 5 years	Every 5 years	Every 5 years	Every 5 years	Scheduled	Every 5 years
567 IAC 113.10(2)"f"(4) well recharge rates and chemistry	Biennial	Completed	Biennial	Completed	Biennial	Scheduled
Waste separation from ground water 113.6(2)"i"	Not applicable					

This page intentionally left blank.

Table 4
Monitoring Well Maintenance and Performance Summary
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Monitoring Well	Top of Casing (ft AMSL)	Top of Screen (ft AMSL)	Installed Total Depth (ft)	Groundwater Level and Monitoring Well Information	Measurement Dates
					March 16 to 20, 2026
MW-14R	828.95	792.63	46.3	Groundwater Level (ft)	13.46
				Groundwater Elevation (Ft AMSL)	815.49
				Measured Well Depth (ft)	NM
				Submerged screen	Yes
MW-18	826.35	785.85	45.5	Groundwater Level (ft)	15.43
				Groundwater Elevation (Ft AMSL)	810.92
				Measured Well Depth (ft)	NM
				Submerged screen	Yes
MW-19	826.07	813.47	17.6	Groundwater Level (ft)	6.75
				Groundwater Elevation (Ft AMSL)	819.32
				Measured Well Depth (ft)	NM
				Submerged screen	Yes
MW-23	890.51	844.81	50.7	Groundwater Level (ft)	14.54
				Groundwater Elevation (Ft AMSL)	875.97
				Measured Well Depth (ft)	NM
				Submerged screen	Yes
MW-24R	918.15	910.15	18.0	Groundwater Level (ft)	7.85
				Groundwater Elevation (Ft AMSL)	910.30
				Measured Well Depth (ft)	NM
				Submerged screen	Yes
MW-28	828.44	808.14	25.3	Groundwater Level (ft)	10.50
				Groundwater Elevation (Ft AMSL)	817.94
				Measured Well Depth (ft)	NM
				Submerged screen	Yes
MW-29	838.18	818.48	29.7	Groundwater Level (ft)	26.95
				Groundwater Elevation (Ft AMSL)	811.23
				Measured Well Depth (ft)	NM
				Submerged screen	No
MW-30R	834.75	814.4	30.4	Groundwater Level (ft)	17.70
				Groundwater Elevation (Ft AMSL)	817.05
				Measured Well Depth (ft)	NM
				Submerged screen	Yes
MW-31R	837.01	813.65	33.4	Groundwater Level (ft)	18.86
				Groundwater Elevation (Ft AMSL)	818.15
				Measured Well Depth (ft)	NM
				Submerged screen	Yes
MW-32R	843.88	818.24	35.6	Groundwater Level (ft)	15.05
				Groundwater Elevation (Ft AMSL)	828.83
				Measured Well Depth (ft)	NM
				Submerged screen	Yes
MW-33R	849.89	829.56	30.3	Groundwater Level (ft)	16.55
				Groundwater Elevation (Ft AMSL)	833.34
				Measured Well Depth (ft)	NM
				Submerged screen	Yes

Table 4
Monitoring Well Maintenance and Performance Summary
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Monitoring Well	Top of Casing (ft AMSL)	Top of Screen (ft AMSL)	Installed Total Depth (ft)	Groundwater Level and Monitoring Well Information	Measurement Dates
					March 16 to 20, 2026
MW-39	823.85	807.05	26.8	Groundwater Level (ft)	9.70
				Groundwater Elevation (Ft AMSL)	814.15
				Measured Well Depth (ft)	NM
				Submerged screen	Yes
MW-50	928.05	907.75	40.3	Groundwater Level (ft)	13.15
				Groundwater Elevation (Ft AMSL)	914.90
				Measured Well Depth (ft)	NM
				Submerged screen	Yes
MW-51	911.07	883.94	47.1	Groundwater Level (ft)	1.35
				Groundwater Elevation (Ft AMSL)	909.72
				Measured Well Depth (ft)	NM
				Submerged screen	Yes
MW-52	888.76	856.47	52.6	Groundwater Level (ft)	2.25
				Groundwater Elevation (Ft AMSL)	886.51
				Measured Well Depth (ft)	NM
				Submerged screen	Yes
MW-53	865.17	845.03	40.1	Groundwater Level (ft)	4.98
				Groundwater Elevation (Ft AMSL)	860.19
				Measured Well Depth (ft)	NM
				Submerged screen	Yes
MW-54	855.67	843.09	32.6	Groundwater Level (ft)	7.02
				Groundwater Elevation (Ft AMSL)	848.65
				Measured Well Depth (ft)	NM
				Submerged screen	Yes
MW-55	831.54	818.57	23.0	Groundwater Level (ft)	14.91
				Groundwater Elevation (Ft AMSL)	816.63
				Measured Well Depth (ft)	NM
				Submerged screen	No
MW-56	830.84	822.74	28.1	Groundwater Level (ft)	11.90
				Groundwater Elevation (Ft AMSL)	818.94
				Measured Well Depth (ft)	NM
				Submerged screen	No
MW-57R	833.75	823.74	28.03	Groundwater Level (ft)	15.72
				Groundwater Elevation (Ft AMSL)	818.03
				Measured Well Depth (ft)	NM
				Submerged screen	No
MW-58	843.10	835.00	28.1	Groundwater Level (ft)	12.30
				Groundwater Elevation (Ft AMSL)	830.80
				Measured Well Depth (ft)	NM
				Submerged screen	No
MW-60	836.36	823.79	20.5	Groundwater Level (ft)	12.22
				Groundwater Elevation (Ft AMSL)	824.14
				Measured Well Depth (ft)	NM
				Submerged screen	Yes

Table 4
Monitoring Well Maintenance and Performance Summary
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Monitoring Well	Top of Casing (ft AMSL)	Top of Screen (ft AMSL)	Installed Total Depth (ft)	Groundwater Level and Monitoring Well Information	Measurement Dates
					March 16 to 20, 2026
MW-62	846.09	834.16	20.5	Groundwater Level (ft)	10.07
				Groundwater Elevation (Ft AMSL)	836.02
				Measured Well Depth (ft)	NM
				Submerged screen	Yes
MW-68	837.79	815.9	30.0	Groundwater Level (ft)	20.63
				Groundwater Elevation (Ft AMSL)	817.16
				Measured Well Depth (ft)	NM
				Submerged screen	Yes
MW-69	837.18	804.5	30.0	Groundwater Level (ft)	21.28
				Groundwater Elevation (Ft AMSL)	815.90
				Measured Well Depth (ft)	NM
				Submerged screen	Yes
MW-70	857.12	840.4	25.0	Groundwater Level (ft)	12.60
				Groundwater Elevation (Ft AMSL)	844.52
				Measured Well Depth (ft)	NM
				Submerged screen	Yes
MW-73	826.90	817.74	27.42	Groundwater Level (ft)	12.78
				Groundwater Elevation (Ft AMSL)	814.12
				Measured Well Depth (ft)	NM
				Submerged screen	No
PZ-13	821.30	798.25	33.05	Groundwater Level (ft)	8.79
				Groundwater Elevation (Ft AMSL)	812.51
				Measured Well Depth (ft)	NM
				Submerged screen	Yes

Comments:
ft AMSL = Feet Above Mean Sea Level
NM = Not Measured. Well depth measurements are conducted once every five years. Total depth measurements of site monitoring wells will be conducted in 2027.

This page intentionally left blank

Table 5
Background and GWPS Summary
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Interwell Background/GWPS (Phase I: MW-23 and MW24R)

Constituent	Units	Samples	Detections	Min	Max	Mean	Background level	Statistical Test	GWPS	Source

Comments:
There are currently no groundwater monitoring points for the Phase I MSWLF unit in the detection monitoring program.

This page intentionally left blank.

Table 6
Summary of Well/Detected Constituent Pairs With No Previous SSIs
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Constituent	Units	Most recent result	Background Standard

Comments:
There are currently no groundwater monitoring points for the Phase I MSWLF unit in the detection monitoring program.

This page intentionally left blank.

Table 7
Summary of Ongoing and Newly Identified SSIs
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Constituent	Units	Most recent result (March 2026)	Background Standard[1]	Lower Confidence Limit	GWPS
MW-14R	Arsenic	mg/L	0.0246	0.00121	0.001587	0.01
	1,1-DCA	µg/L	8.63	1.00 (RL)	1.426	140
	cis-1,2-DCE	µg/L	46.6	1.00 (RL)	1.54	70
	TCE	µg/L	3.71	1.00 (RL)	1.469	5
	Vinyl Chloride	µg/L	4.69	1.00 (RL)	0.1561	2
MW-18	N/A - No SSIs during March 2026 Sampling Event					
MW-19	N/A - No SSIs during March 2026 Sampling Event					
MW-28	Arsenic	mg/L	0.00650	0.00121	0.005549	0.01
MW-29	Arsenic	mg/L	0.0166	0.00121	0.008843	0.01
	Barium	mg/L	0.712	0.403	0.8555	2
	Cobalt [2]	mg/L	0.0665	0.00281	0.06085	0.0137
	Copper [3]	mg/L	0.00587	0.0053	0.0032	1.3
	Nickel	mg/L	0.0621	0.0132	0.06808	0.1
	1,1-DCA	µg/L	2.27	1.00 (RL)	2.188	140
	1,4-Dichlorobenzene	µg/L	11.0	1.00 (RL)	6.652	75
	Benzene	µg/L	2.89	0.500 (RL)	2.146	5
	Chlorobenzene	µg/L	21.1	1.00 (RL)	13.46	100
	cis-1,2-DCE	µg/L	6.60	1.00 (RL)	7.536	70
	Vinyl Chloride	µg/L	2.35	1.00 (RL)	2.424	2
MW-30R	Arsenic	mg/L	0.0105	0.00121	0.01027	0.01
	Barium	mg/L	0.566	0.403	0.6199	2
	Cobalt [2]	mg/L	0.00626	0.00281	0.004265	0.0137
	1,1-DCA	µg/L	3.17	1.00 (RL)	2.664	140
	cis-1,2-DCE	µg/L	36.0	1.00 (RL)	32.96	70
	TCE	µg/L	1.84	1.00 (RL)	1.606	5
	Vinyl Chloride	µg/L	4.86	1.00 (RL)	3.33	2
MW-31R	N/A - No SSIs during March 2026 Sampling Event					
MW-32R	Lead [3]	mg/L	0.000927	0.000784	0.0003414	0.015
MW-33R	Arsenic	mg/L	0.00704	0.00121	0.008392	0.01
	Barium	mg/L	0.619	0.403	0.6604	2
	Cadmium	mg/L	0.000203	0.000139	0.0001343	0.005
	Cobalt [2]	mg/L	0.00854	0.00281	0.008903	0.0137
MW-39	Cobalt [2]	mg/L	0.00630	0.00281	0.001957	0.0137
MW-55	N/A - No SSIs during March 2026 Sampling Event					
MW-56	Arsenic	mg/L	0.00576	0.00121	0.003583	0.01
	Cobalt [2]	mg/L	0.00931	0.00281	0.007542	0.0137

Table 7
Summary of Ongoing and Newly Identified SSIs
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Constituent	Units	Most recent result (March 2026)	Background Standard[(1)]	Lower Confidence Limit	GWPS
MW-57R	Arsenic	mg/L	0.00284	0.00121	0.002145	0.01
	Cadmium	mg/L	0.00156	0.000139	0.001081	0.005
	Cobalt [(2)]	mg/L	0.0104	0.00281	0.01039	0.0137
	Nickel	mg/L	0.0244	0.0132	0.02163	0.1
MW-58	Arsenic	mg/L	0.0272	0.00121	0.02408	0.01
	Barium	mg/L	0.628	0.403	0.5752	2
	Copper	mg/L	0.00601	0.0053	0.0018	1.3
	Nickel	mg/L	0.0150	0.0132	0.01627	0.1
	Benzene	µg/L	2.85	0.500 (RL)	2.907	5
	Chlorobenzene	µg/L	5.85	1.00 (RL)	5.631	100

Comments:

[(1)] Background standard for inorganic constituents is the calculated Upper Prediction Limit (UPL), if established. For inorganic constituents not previously detected at the monitoring well or are not actively monitored in the background monitoring wells (i.e., Appendix II constituents), the background standard is the laboratory reporting limit for the constituent. For organic constituents, the background standard is the laboratory reporting limit for the constituent.

[(2)] Metro Park East has a site-specific groundwater protection standard (GWPS) of 0.0137 mg/L for cobalt.

[(3)] Constituent was identified as a potential statistically significant increase (SSI). Since this is the initial detection, a verification monitoring event will be conducted during the next annual monitoring event to confirm the SSI.

Notes:

N/A = Not applicable
GWPS = Groundwater Protection Standard
DCA = Dichloroethane
DCE = Dichloroethene
TCE = Trichloroethene
mg/L = milligrams per liter
µg/L = micrograms per liter
RL = Reporting Limit

Table 8
Summary of Ongoing and Newly Identified SSLs
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Constituent	Units	Most recent result (March 2026)	Upper Confidence Limit	GWPS	Initial Exceedance	Consecutive Compliance Dates		
							1st Occurrence	Most Recent	Duration
MW-14R	(none)								
MW-18	(none)								
MW-19	(none)								
MW-28	(none)								
MW-29	Arsenic*	mg/L	0.0166	0.0168	0.01	Fall 2014	NA	NA	0 years
	Cobalt	mg/L	0.0665	0.07385	0.0137	Fall 2009	NA	NA	0 years
	Vinyl Chloride	µg/L	2.35	3.898	2	Fall 2009	NA	NA	0 years
MW-30R	Arsenic	mg/L	0.0105	0.02518	0.01	Spring 2010	NA	NA	0 years
	Vinyl Chloride	µg/L	4.86	8.018	2	Spring 2009	NA	NA	0 years
MW-31R	(none)								
MW-32R	(none)								
MW-33R	Arsenic*	mg/L	0.00704	0.01125	0.01	2017	NA	NA	0 years
MW-39	(none)								
MW-55	(none)								
MW-56	(none)								
MW-57R	Cobalt*	mg/L	0.0104	0.0324	0.0137	Fall 2024	NA	NA	0 years
MW-58	Arsenic	mg/L	0.0272	0.04137	0.01	Spring 2012	NA	NA	0 years

Notes:

* Constituent was not identified as an SSL during 2026 sampling event.

< = Less than

NA = not applicable

mg/L = milligrams per liter

µg/L = micrograms per liter

This page intentionally left blank.

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-21	d	Benzene	71-43-2	ug/L	4/1/1990		1
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	4/1/1990		1
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	4/1/1990		1
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	4/1/1990		1
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/1/1990		1
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/1/1990		1
MW-21	d	Trichloroethene	79-01-6	ug/L	4/1/1990		1
MW-21	d	Benzene	71-43-2	ug/L	7/1/1990		1
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	7/1/1990		1
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	7/1/1990		1
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	7/1/1990		1
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/1/1990		1
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/1/1990		1
MW-21	d	Trichloroethene	79-01-6	ug/L	7/1/1990		1
MW-21	d	Benzene	71-43-2	ug/L	10/1/1990		1
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	10/1/1990		1
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	10/1/1990		1
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	10/1/1990		1
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/1/1990		1
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/1/1990		1
MW-21	d	Trichloroethene	79-01-6	ug/L	10/1/1990		1
MW-21	d	Benzene	71-43-2	ug/L	11/1/1993		1
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	11/1/1993		1
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	11/1/1993		1
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	11/1/1993		1
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/1/1993		1
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/1/1993		1
MW-21	d	Trichloroethene	79-01-6	ug/L	11/1/1993		1
MW-21	d	Benzene	71-43-2	ug/L	4/1/1994	ND	
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	4/1/1994	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	4/1/1994	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	4/1/1994	ND	
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/1/1994	ND	
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/1/1994	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	4/1/1994		1
MW-21	d	Benzene	71-43-2	ug/L	11/1/1994		1
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	11/1/1994		1
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	11/1/1994		1
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	11/1/1994		1
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/1/1994		1
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/1/1994		1
MW-21	d	Trichloroethene	79-01-6	ug/L	11/1/1994		1
MW-21	d	Benzene	71-43-2	ug/L	4/1/1995		1
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	4/1/1995		1
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	4/1/1995		1
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	4/1/1995		1
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/1/1995		1
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/1/1995		1
MW-21	d	Trichloroethene	79-01-6	ug/L	4/1/1995		1
MW-21	d	Benzene	71-43-2	ug/L	10/1/1995	ND	
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	10/1/1995	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	10/1/1995	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	10/1/1995	ND	
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/1/1995	ND	
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/1/1995	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	10/1/1995	ND	
MW-21	d	Benzene	71-43-2	ug/L	3/1/1996	ND	
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	3/1/1996	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	3/1/1996	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	3/1/1996	ND	
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/1/1996	ND	
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/1/1996	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	3/1/1996	ND	
MW-21	d	Benzene	71-43-2	ug/L	10/1/1996	ND	
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	10/1/1996	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	10/1/1996	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	10/1/1996	ND	
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/1/1996	ND	
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/1/1996	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	10/1/1996	ND	
MW-22R	d	Benzene	71-43-2	ug/L	10/1/1996	ND	
MW-22R	d	Carbon Tetrachloride	56-23-5	ug/L	10/1/1996	ND	
MW-22R	d	1,2-Dichloroethane	107-06-2	ug/L	10/1/1996	ND	
MW-22R	d	1,1-Dichloroethene	75-35-4	ug/L	10/1/1996	ND	
MW-22R	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/1/1996	ND	
MW-22R	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/1/1996	ND	
MW-22R	d	Trichloroethene	79-01-6	ug/L	10/1/1996	ND	
MW-29	d	Benzene	71-43-2	ug/L	10/1/1996	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	10/1/1996	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	10/1/1996	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	10/1/1996	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/1/1996		13.3
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/1/1996	ND	
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/1/1996	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	10/1/1996		4.8
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/1/1996	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	10/1/1996		8.7

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Vinyl Chloride	75-01-4	ug/L	10/1/1996	ND	
MW-30R	d	Benzene	71-43-2	ug/L	10/1/1996	ND	
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	10/1/1996	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	10/1/1996	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	10/1/1996	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/1/1996		63
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/1/1996		2
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/1/1996	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	10/1/1996	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/1/1996	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	10/1/1996		5.6
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	10/1/1996		7.6
MW-31R	d	Benzene	71-43-2	ug/L	10/1/1996	ND	
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	10/1/1996	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	10/1/1996	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	10/1/1996	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/1/1996	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/1/1996	ND	
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/1/1996	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	10/1/1996	ND	
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/1/1996	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	10/1/1996	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	10/1/1996	ND	
MW-32R	d	Benzene	71-43-2	ug/L	10/1/1996	ND	
MW-32R	d	Carbon Tetrachloride	56-23-5	ug/L	10/1/1996	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	10/1/1996	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	10/1/1996	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/1/1996	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/1/1996	ND	
MW-32R	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/1/1996	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	10/1/1996	ND	
MW-32R	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/1/1996	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	10/1/1996	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	10/1/1996	ND	
MW-33R	d	Benzene	71-43-2	ug/L	10/1/1996	ND	
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	10/1/1996	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	10/1/1996	ND	
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/1/1996	ND	
MW-29	d	Benzene	71-43-2	ug/L	2/1/1997	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	2/1/1997	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	2/1/1997	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/1/1997		17.2
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/1/1997	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	2/1/1997		7.9
MW-29	d	Trichloroethene	79-01-6	ug/L	2/1/1997		10.9
MW-29	d	Vinyl Chloride	75-01-4	ug/L	2/1/1997		0.8
MW-30R	d	Benzene	71-43-2	ug/L	2/1/1997		0.9
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	2/1/1997	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	2/1/1997	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/1/1997		72.6
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/1/1997		3.8
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	2/1/1997	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	2/1/1997		7.4
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	2/1/1997		8.8
MW-31R	d	Benzene	71-43-2	ug/L	2/1/1997	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	2/1/1997	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	2/1/1997	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/1/1997	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/1/1997	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	2/1/1997	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	2/1/1997	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	2/1/1997	ND	
MW-32R	d	Benzene	71-43-2	ug/L	2/1/1997	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	2/1/1997	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	2/1/1997	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/1/1997	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/1/1997	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	2/1/1997	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	2/1/1997	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	2/1/1997	ND	
MW-33R	d	Benzene	71-43-2	ug/L	2/1/1997	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	2/1/1997	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	2/1/1997	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/1/1997	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/1/1997	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	2/1/1997	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	2/1/1997	ND	
MW-29	d	Benzene	71-43-2	ug/L	4/24/1997	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	4/24/1997	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	4/24/1997	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	4/24/1997	ND	
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/24/1997	ND	
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/24/1997	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	4/24/1997		10.3
MW-29	d	Vinyl Chloride	75-01-4	ug/L	4/24/1997	ND	
MW-30R	d	Benzene	71-43-2	ug/L	4/24/1997	ND	
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	4/24/1997	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	4/24/1997	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	4/24/1997	ND	
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/24/1997	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/24/1997	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	4/24/1997		7.7
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	4/24/1997		8.3
MW-31R	d	Benzene	71-43-2	ug/L	4/24/1997	ND	
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	4/24/1997	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	4/24/1997	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	4/24/1997	ND	
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/24/1997	ND	
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/24/1997	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	4/24/1997	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	4/24/1997	ND	
MW-32R	d	Benzene	71-43-2	ug/L	4/24/1997	ND	
MW-32R	d	Carbon Tetrachloride	56-23-5	ug/L	4/24/1997	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	4/24/1997	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	4/24/1997	ND	
MW-32R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/24/1997	ND	
MW-32R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/24/1997	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	4/24/1997	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	4/24/1997	ND	
MW-33R	d	Benzene	71-43-2	ug/L	4/24/1997	ND	
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	4/24/1997	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	4/24/1997	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	4/24/1997	ND	
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/24/1997	ND	
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/24/1997	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	4/24/1997	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	4/24/1997	ND	
MW-29	d	Benzene	71-43-2	ug/L	7/17/1997		2.3
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	7/17/1997	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	7/17/1997	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	7/17/1997	ND	
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/17/1997	ND	
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/17/1997	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	7/17/1997		11
MW-29	d	Vinyl Chloride	75-01-4	ug/L	7/17/1997	ND	
MW-30R	d	Benzene	71-43-2	ug/L	7/17/1997	ND	
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	7/17/1997	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	7/17/1997	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	7/17/1997	ND	
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/17/1997	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/17/1997	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	7/17/1997		7.4
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	7/17/1997		7.7
MW-31R	d	Benzene	71-43-2	ug/L	7/17/1997	ND	
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	7/17/1997	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	7/17/1997	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	7/17/1997	ND	
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/17/1997	ND	
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/17/1997	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	7/17/1997	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	7/17/1997	ND	
MW-32R	d	Benzene	71-43-2	ug/L	7/17/1997	ND	
MW-32R	d	Carbon Tetrachloride	56-23-5	ug/L	7/17/1997	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	7/17/1997	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	7/17/1997	ND	
MW-32R	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/17/1997	ND	
MW-32R	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/17/1997	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	7/17/1997	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	7/17/1997	ND	
MW-33R	d	Benzene	71-43-2	ug/L	7/17/1997	ND	
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	7/17/1997	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	7/17/1997	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	7/17/1997	ND	
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/17/1997	ND	
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/17/1997	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	7/17/1997	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	7/17/1997	ND	
MW-29	d	Benzene	71-43-2	ug/L	10/10/1997	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	10/10/1997	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	10/10/1997	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/10/1997		19.2
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/10/1997	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	10/10/1997		6.7
MW-29	d	Trichloroethene	79-01-6	ug/L	10/10/1997		11
MW-29	d	Vinyl Chloride	75-01-4	ug/L	10/10/1997	ND	
MW-30R	d	Benzene	71-43-2	ug/L	10/10/1997	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	10/10/1997	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	10/10/1997	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/10/1997		83.5
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/10/1997		2.5
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	10/10/1997	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	10/10/1997		9
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	10/10/1997		9.7
MW-31R	d	Benzene	71-43-2	ug/L	10/10/1997	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	10/10/1997	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	10/10/1997	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/10/1997	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/10/1997	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	10/10/1997	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	10/10/1997	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	10/10/1997	ND	
MW-32R	d	Benzene	71-43-2	ug/L	10/10/1997	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	10/10/1997	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	10/10/1997	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/10/1997	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/10/1997	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	10/10/1997	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	10/10/1997	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	10/10/1997	ND	
MW-33R	d	Benzene	71-43-2	ug/L	10/10/1997	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	10/10/1997	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	10/10/1997	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/10/1997	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/10/1997	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	10/10/1997	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	10/10/1997	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	10/10/1997	ND	
MW-29	d	Benzene	71-43-2	ug/L	4/13/1998	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	4/13/1998	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	4/13/1998	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/13/1998		34.1
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/13/1998		2.2
MW-29	d	Tetrachloroethene	127-18-4	ug/L	4/13/1998		11.8
MW-29	d	Trichloroethene	79-01-6	ug/L	4/13/1998		19.2
MW-29	d	Vinyl Chloride	75-01-4	ug/L	4/13/1998		3.9
MW-30R	d	Benzene	71-43-2	ug/L	4/13/1998		1.1
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	4/13/1998	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	4/13/1998	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/13/1998		86.4
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/13/1998		3.7
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	4/13/1998		1.5
MW-30R	d	Trichloroethene	79-01-6	ug/L	4/13/1998		9.4
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	4/13/1998		10.7
MW-31R	d	Benzene	71-43-2	ug/L	4/13/1998	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	4/13/1998	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	4/13/1998	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/13/1998	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/13/1998	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	4/13/1998		1.1
MW-31R	d	Trichloroethene	79-01-6	ug/L	4/13/1998	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	4/13/1998	ND	
MW-32R	d	Benzene	71-43-2	ug/L	4/13/1998	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	4/13/1998	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	4/13/1998	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/13/1998	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/13/1998	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	4/13/1998		1.3
MW-32R	d	Trichloroethene	79-01-6	ug/L	4/13/1998	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	4/13/1998	ND	
MW-33R	d	Benzene	71-43-2	ug/L	4/13/1998	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	4/13/1998	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	4/13/1998	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/13/1998	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/13/1998	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	4/13/1998		1.3
MW-33R	d	Trichloroethene	79-01-6	ug/L	4/13/1998	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	4/13/1998	ND	
MW-29	d	Benzene	71-43-2	ug/L	10/16/1998	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	10/16/1998	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	10/16/1998	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/16/1998		66.4
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/16/1998		2.3
MW-29	d	Tetrachloroethene	127-18-4	ug/L	10/16/1998		15.1
MW-29	d	Trichloroethene	79-01-6	ug/L	10/16/1998		29.3
MW-29	d	Vinyl Chloride	75-01-4	ug/L	10/16/1998		9.1
MW-30R	d	Benzene	71-43-2	ug/L	10/16/1998		0.8
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	10/16/1998	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	10/16/1998	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/16/1998		87.8
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/16/1998		2.9
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	10/16/1998	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	10/16/1998		8.4
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	10/16/1998		10.1
MW-31R	d	Benzene	71-43-2	ug/L	10/16/1998	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	10/16/1998	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	10/16/1998	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/16/1998	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/16/1998	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	10/16/1998	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	10/16/1998	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	10/16/1998	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-32R	d	Benzene	71-43-2	ug/L	10/16/1998	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	10/16/1998	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	10/16/1998	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/16/1998	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/16/1998	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	10/16/1998	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	10/16/1998	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	10/16/1998	ND	
MW-33R	d	Benzene	71-43-2	ug/L	10/16/1998	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	10/16/1998	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	10/16/1998	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/16/1998	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/16/1998	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	10/16/1998	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	10/16/1998	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	10/16/1998	ND	
MW-29	d	Benzene	71-43-2	ug/L	1/20/1999	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	1/20/1999	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	1/20/1999	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/20/1999		19.7
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/20/1999	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	1/20/1999		13.4
MW-29	d	Trichloroethene	79-01-6	ug/L	1/20/1999		10.2
MW-29	d	Vinyl Chloride	75-01-4	ug/L	1/20/1999		5.5
MW-30R	d	Benzene	71-43-2	ug/L	1/20/1999		0.7
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	1/20/1999		0.4
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	1/20/1999	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/20/1999		47.4
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/20/1999		1.1
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	1/20/1999		9.7
MW-30R	d	Trichloroethene	79-01-6	ug/L	1/20/1999		7.9
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	1/20/1999		7.8
MW-29	d	Benzene	71-43-2	ug/L	2/11/1999	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	2/11/1999	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	2/11/1999	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/11/1999		16.2
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/11/1999	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	2/11/1999		19.6
MW-29	d	Trichloroethene	79-01-6	ug/L	2/11/1999		10.2
MW-29	d	Vinyl Chloride	75-01-4	ug/L	2/11/1999		3.4
MW-30R	d	Benzene	71-43-2	ug/L	2/11/1999		0.6
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	2/11/1999	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	2/11/1999	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/11/1999		18.4
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/11/1999	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	2/11/1999		20.3
MW-30R	d	Trichloroethene	79-01-6	ug/L	2/11/1999		8.4
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	2/11/1999		3.3
MW-29	d	Benzene	71-43-2	ug/L	3/15/1999	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	3/15/1999	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	3/15/1999	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/15/1999		68.8
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/15/1999		1.5
MW-29	d	Tetrachloroethene	127-18-4	ug/L	3/15/1999		9.7
MW-29	d	Trichloroethene	79-01-6	ug/L	3/15/1999		24.1
MW-29	d	Vinyl Chloride	75-01-4	ug/L	3/15/1999		7.7
MW-30R	d	Benzene	71-43-2	ug/L	3/15/1999		0.8
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	3/15/1999	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	3/15/1999	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/15/1999		84
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/15/1999		2.7
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	3/15/1999	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	3/15/1999		7.2
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	3/15/1999		9
MW-29	d	Benzene	71-43-2	ug/L	4/7/1999		0.6
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	4/7/1999		0.5
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	4/7/1999	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/7/1999		81.5
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/7/1999		2.6
MW-29	d	Tetrachloroethene	127-18-4	ug/L	4/7/1999		21.1
MW-29	d	Trichloroethene	79-01-6	ug/L	4/7/1999		40.1
MW-29	d	Vinyl Chloride	75-01-4	ug/L	4/7/1999		11.4
MW-30R	d	Benzene	71-43-2	ug/L	4/7/1999		1
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	4/7/1999	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	4/7/1999	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/7/1999		95.2
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/7/1999		4
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	4/7/1999	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	4/7/1999		11.7
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	4/7/1999		12
MW-31R	d	Benzene	71-43-2	ug/L	4/7/1999	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	4/7/1999	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	4/7/1999	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/7/1999	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/7/1999	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	4/7/1999	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	4/7/1999	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	4/7/1999	ND	
MW-32R	d	Benzene	71-43-2	ug/L	4/7/1999	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	4/7/1999	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	4/7/1999	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/7/1999	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/7/1999	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	4/7/1999	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	4/7/1999	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	4/7/1999	ND	
MW-33R	d	Benzene	71-43-2	ug/L	4/7/1999	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	4/7/1999	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	4/7/1999	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/7/1999	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/7/1999	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	4/7/1999	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	4/7/1999	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	4/7/1999	ND	
MW-29	d	Benzene	71-43-2	ug/L	5/5/1999		0.6
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	5/5/1999		0.6
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	5/5/1999	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/5/1999		90.1
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/5/1999		2.2
MW-29	d	Tetrachloroethene	127-18-4	ug/L	5/5/1999		13.8
MW-29	d	Trichloroethene	79-01-6	ug/L	5/5/1999		35.2
MW-29	d	Vinyl Chloride	75-01-4	ug/L	5/5/1999		13
MW-30R	d	Benzene	71-43-2	ug/L	5/5/1999		1
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	5/5/1999	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	5/5/1999	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/5/1999		95.3
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/5/1999		3
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	5/5/1999	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	5/5/1999		8.2
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	5/5/1999		11.6
MW-29	d	Benzene	71-43-2	ug/L	6/7/1999		0.5
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	6/7/1999		0.6
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	6/7/1999	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/7/1999		84.1
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/7/1999		1.9
MW-29	d	Tetrachloroethene	127-18-4	ug/L	6/7/1999		10.2
MW-29	d	Trichloroethene	79-01-6	ug/L	6/7/1999		28.8
MW-29	d	Vinyl Chloride	75-01-4	ug/L	6/7/1999		9.8
MW-30R	d	Benzene	71-43-2	ug/L	6/7/1999		0.8
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	6/7/1999	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	6/7/1999	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/7/1999		85.5
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/7/1999		2.4
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	6/7/1999	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	6/7/1999		6.7
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	6/7/1999		8.1
MW-29	d	Benzene	71-43-2	ug/L	7/6/1999		0.6
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	7/6/1999		0.5
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	7/6/1999	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/6/1999		79.6
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/6/1999		1.9
MW-29	d	Tetrachloroethene	127-18-4	ug/L	7/6/1999		13.5
MW-29	d	Trichloroethene	79-01-6	ug/L	7/6/1999		33.1
MW-29	d	Vinyl Chloride	75-01-4	ug/L	7/6/1999		10.5
MW-30R	d	Benzene	71-43-2	ug/L	7/6/1999		0.9
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	7/6/1999	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	7/6/1999	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/6/1999		84.8
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/6/1999		2.4
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	7/6/1999	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	7/6/1999		8.6
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	7/6/1999		8.6
MW-29	d	Benzene	71-43-2	ug/L	7/26/1999	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	7/26/1999	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	7/26/1999	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/26/1999		65.5
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/26/1999		1.2
MW-29	d	Tetrachloroethene	127-18-4	ug/L	7/26/1999		9.1
MW-29	d	Trichloroethene	79-01-6	ug/L	7/26/1999		23.1
MW-29	d	Vinyl Chloride	75-01-4	ug/L	7/26/1999		5.1
MW-30R	d	Benzene	71-43-2	ug/L	7/26/1999		0.7
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	7/26/1999	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	7/26/1999	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/26/1999		81.1
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/26/1999		1.9
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	7/26/1999		4.3
MW-30R	d	Trichloroethene	79-01-6	ug/L	7/26/1999		6.4
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	7/26/1999		6.9
MW-29	d	Benzene	71-43-2	ug/L	8/30/1999	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	8/30/1999	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	8/30/1999	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/30/1999		57.3
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/30/1999		1.1
MW-29	d	Tetrachloroethene	127-18-4	ug/L	8/30/1999		8.2

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Trichloroethene	79-01-6	ug/L	8/30/1999		22.4
MW-29	d	Vinyl Chloride	75-01-4	ug/L	8/30/1999		6
MW-30R	d	Benzene	71-43-2	ug/L	8/30/1999	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	8/30/1999	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	8/30/1999	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/30/1999		61.8
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/30/1999		1.4
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	8/30/1999	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	8/30/1999		4.9
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	8/30/1999		4.8
MW-29	d	Benzene	71-43-2	ug/L	9/27/1999	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	9/27/1999	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	9/27/1999	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/27/1999		83.6
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/27/1999		1.2
MW-29	d	Tetrachloroethene	127-18-4	ug/L	9/27/1999		11.5
MW-29	d	Trichloroethene	79-01-6	ug/L	9/27/1999		25.1
MW-29	d	Vinyl Chloride	75-01-4	ug/L	9/27/1999		6.3
MW-30R	d	Benzene	71-43-2	ug/L	9/27/1999	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	9/27/1999	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	9/27/1999	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/27/1999		92.5
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/27/1999		1.9
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	9/27/1999	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	9/27/1999		6.2
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	9/27/1999		6.8
MW-29	d	Benzene	71-43-2	ug/L	10/25/1999		0.5
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	10/25/1999		0.5
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	10/25/1999	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/25/1999		74.7
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/25/1999		1.5
MW-29	d	Tetrachloroethene	127-18-4	ug/L	10/25/1999		13.7
MW-29	d	Trichloroethene	79-01-6	ug/L	10/25/1999		29.8
MW-29	d	Vinyl Chloride	75-01-4	ug/L	10/25/1999		8
MW-30R	d	Benzene	71-43-2	ug/L	10/25/1999		0.9
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	10/25/1999	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	10/25/1999		9.5
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/25/1999		91.9
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/25/1999		2.5
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	10/25/1999	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	10/25/1999		8.7
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	10/25/1999		9.5
MW-31R	d	Benzene	71-43-2	ug/L	10/25/1999	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	10/25/1999	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	10/25/1999	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/25/1999	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/25/1999	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	10/25/1999	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	10/25/1999	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	10/25/1999	ND	
MW-32R	d	Benzene	71-43-2	ug/L	10/25/1999	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	10/25/1999	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	10/25/1999	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/25/1999	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/25/1999	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	10/25/1999	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	10/25/1999	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	10/25/1999	ND	
MW-33R	d	Benzene	71-43-2	ug/L	10/25/1999	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	10/25/1999	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	10/25/1999	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/25/1999	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/25/1999	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	10/25/1999	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	10/25/1999	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	10/25/1999	ND	
MW-29	d	Benzene	71-43-2	ug/L	11/15/1999		0.6
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	11/15/1999		0.6
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	11/15/1999	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/15/1999		76.9
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/15/1999		1.7
MW-29	d	Tetrachloroethene	127-18-4	ug/L	11/15/1999		12
MW-29	d	Trichloroethene	79-01-6	ug/L	11/15/1999		29.3
MW-29	d	Vinyl Chloride	75-01-4	ug/L	11/15/1999		9.5
MW-30R	d	Benzene	71-43-2	ug/L	11/15/1999	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	11/15/1999	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	11/15/1999	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/15/1999		86.5
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/15/1999		2.3
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	11/15/1999	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	11/15/1999		7.6
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	11/15/1999		8.6
MW-29	d	Benzene	71-43-2	ug/L	12/13/1999		0.6
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	12/13/1999	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	12/13/1999	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/13/1999		81.4
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/13/1999		1.6

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Tetrachloroethene	127-18-4	ug/L	12/13/1999		12
MW-29	d	Trichloroethene	79-01-6	ug/L	12/13/1999		27.9
MW-29	d	Vinyl Chloride	75-01-4	ug/L	12/13/1999		10.1
MW-30R	d	Benzene	71-43-2	ug/L	12/13/1999		0.8
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	12/13/1999	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	12/13/1999	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/13/1999		87.4
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/13/1999		2.1
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	12/13/1999	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	12/13/1999		6.7
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	12/13/1999		8
MW-29	d	Benzene	71-43-2	ug/L	1/17/2000		0.7
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	1/17/2000		0.6
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	1/17/2000	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/17/2000		85.9
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/17/2000		1.9
MW-29	d	Tetrachloroethene	127-18-4	ug/L	1/17/2000		18
MW-29	d	Trichloroethene	79-01-6	ug/L	1/17/2000		37.3
MW-29	d	Vinyl Chloride	75-01-4	ug/L	1/17/2000		12
MW-30R	d	Benzene	71-43-2	ug/L	1/17/2000		1
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	1/17/2000	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	1/17/2000	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/17/2000		95.1
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/17/2000		2.9
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	1/17/2000	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	1/17/2000		10.8
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	1/17/2000		10.3
MW-29	d	Benzene	71-43-2	ug/L	2/7/2000		0.6
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	2/7/2000	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	2/7/2000	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/7/2000		110
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/7/2000		2.3
MW-29	d	Tetrachloroethene	127-18-4	ug/L	2/7/2000		18.4
MW-29	d	Trichloroethene	79-01-6	ug/L	2/7/2000		40.8
MW-29	d	Vinyl Chloride	75-01-4	ug/L	2/7/2000		13.4
MW-30R	d	Benzene	71-43-2	ug/L	2/7/2000		0.9
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	2/7/2000	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	2/7/2000	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/7/2000		112
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/7/2000		3
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	2/7/2000	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	2/7/2000		10.6
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	2/7/2000		10.9
MW-29	d	Benzene	71-43-2	ug/L	3/6/2000		0.7
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	3/6/2000	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	3/6/2000	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/6/2000		102
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/6/2000		2
MW-29	d	Tetrachloroethene	127-18-4	ug/L	3/6/2000		18.6
MW-29	d	Trichloroethene	79-01-6	ug/L	3/6/2000		41.3
MW-29	d	Vinyl Chloride	75-01-4	ug/L	3/6/2000		13.9
MW-30R	d	Benzene	71-43-2	ug/L	3/6/2000		1
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	3/6/2000	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	3/6/2000	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/6/2000		114
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/6/2000		3
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	3/6/2000	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	3/6/2000		9.6
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	3/6/2000		12.2
MW-29	d	Benzene	71-43-2	ug/L	4/3/2000		0.8
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2000		0.7
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2000	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2000		116
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/3/2000		2.1
MW-29	d	Tetrachloroethene	127-18-4	ug/L	4/3/2000		18.6
MW-29	d	Trichloroethene	79-01-6	ug/L	4/3/2000		43.7
MW-29	d	Vinyl Chloride	75-01-4	ug/L	4/3/2000		18.3
MW-30R	d	Benzene	71-43-2	ug/L	4/3/2000		0.8
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2000	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2000	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2000		101
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/3/2000		2.5
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	4/3/2000	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	4/3/2000		8.4
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	4/3/2000		10.8
MW-29	d	Benzene	71-43-2	ug/L	5/2/2000		0.6
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	5/2/2000	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	5/2/2000	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/2/2000		101
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/2/2000		1.9
MW-29	d	Tetrachloroethene	127-18-4	ug/L	5/2/2000		15.4
MW-29	d	Trichloroethene	79-01-6	ug/L	5/2/2000		36.9
MW-29	d	Vinyl Chloride	75-01-4	ug/L	5/2/2000		13.9
MW-30R	d	Benzene	71-43-2	ug/L	5/2/2000		0.7
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	5/2/2000	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	5/2/2000	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/2/2000		83

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/2/2000		2.1
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	5/2/2000	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	5/2/2000		7.3
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	5/2/2000		8.7
MW-29	d	Benzene	71-43-2	ug/L	5/31/2000		0.8
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	5/31/2000		0.6
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	5/31/2000	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/31/2000		110
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/31/2000		2
MW-29	d	Tetrachloroethene	127-18-4	ug/L	5/31/2000		15.8
MW-29	d	Trichloroethene	79-01-6	ug/L	5/31/2000		39.1
MW-29	d	Vinyl Chloride	75-01-4	ug/L	5/31/2000		14.7
MW-30R	d	Benzene	71-43-2	ug/L	5/31/2000		0.9
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	5/31/2000	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	5/31/2000	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/31/2000		88.4
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/31/2000		2.2
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	5/31/2000	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	5/31/2000		7.9
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	5/31/2000		10.8
MW-29	d	Benzene	71-43-2	ug/L	6/26/2000		0.6
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	6/26/2000	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	6/26/2000	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/26/2000		109
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/26/2000		2.1
MW-29	d	Tetrachloroethene	127-18-4	ug/L	6/26/2000		19.8
MW-29	d	Trichloroethene	79-01-6	ug/L	6/26/2000		42.2
MW-29	d	Vinyl Chloride	75-01-4	ug/L	6/26/2000		15.2
MW-30R	d	Benzene	71-43-2	ug/L	6/26/2000		1
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	6/26/2000	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	6/26/2000	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/26/2000		91.8
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/26/2000		2.2
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	6/26/2000	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	6/26/2000		9.3
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	6/26/2000		10.3
MW-29	d	Benzene	71-43-2	ug/L	7/25/2000		0.7
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	7/25/2000	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	7/25/2000	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/25/2000		111
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/25/2000		2.2
MW-29	d	Tetrachloroethene	127-18-4	ug/L	7/25/2000		15.5
MW-29	d	Trichloroethene	79-01-6	ug/L	7/25/2000		38.4
MW-29	d	Vinyl Chloride	75-01-4	ug/L	7/25/2000		17.7
MW-30R	d	Benzene	71-43-2	ug/L	7/25/2000		0.9
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	7/25/2000	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	7/25/2000	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/25/2000		92
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/25/2000		2.5
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	7/25/2000	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	7/25/2000		8.8
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	7/25/2000		11.2
MW-29	d	Benzene	71-43-2	ug/L	8/22/2000		0.7
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	8/22/2000		0.7
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	8/22/2000	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/22/2000		100
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/22/2000		14.5
MW-29	d	Tetrachloroethene	127-18-4	ug/L	8/22/2000		18.9
MW-29	d	Trichloroethene	79-01-6	ug/L	8/22/2000		41.8
MW-29	d	Vinyl Chloride	75-01-4	ug/L	8/22/2000		15.8
MW-30R	d	Benzene	71-43-2	ug/L	8/22/2000		0.8
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	8/22/2000	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	8/22/2000	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/22/2000		84.6
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/22/2000		3.4
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	8/22/2000	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	8/22/2000		7.3
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	8/22/2000		8.7
MW-29	d	Benzene	71-43-2	ug/L	9/19/2000		0.8
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	9/19/2000	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	9/19/2000	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/19/2000		103
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/19/2000		1.8
MW-29	d	Tetrachloroethene	127-18-4	ug/L	9/19/2000		19.5
MW-29	d	Trichloroethene	79-01-6	ug/L	9/19/2000		40.2
MW-29	d	Vinyl Chloride	75-01-4	ug/L	9/19/2000		14.2
MW-30R	d	Benzene	71-43-2	ug/L	9/19/2000		0.8
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	9/19/2000	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	9/19/2000	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/19/2000		94.3
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/19/2000		2.2
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	9/19/2000	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	9/19/2000		7.2
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	9/19/2000		9.4
MW-29	d	Benzene	71-43-2	ug/L	10/17/2000		0.6
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	10/17/2000	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	10/17/2000	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2000		90.6
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2000		2.3
MW-29	d	Tetrachloroethene	127-18-4	ug/L	10/17/2000		9.3
MW-29	d	Trichloroethene	79-01-6	ug/L	10/17/2000		27.8
MW-29	d	Vinyl Chloride	75-01-4	ug/L	10/17/2000		12
MW-30R	d	Benzene	71-43-2	ug/L	10/17/2000		0.9
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	10/17/2000	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	10/17/2000	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2000		91.3
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2000		3.7
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	10/17/2000	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	10/17/2000		6.7
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	10/17/2000		8.6
MW-29	d	Benzene	71-43-2	ug/L	11/14/2000		0.8
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	11/14/2000		0.7
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	11/14/2000	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/14/2000		104
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/14/2000		3.1
MW-29	d	Tetrachloroethene	127-18-4	ug/L	11/14/2000		18
MW-29	d	Trichloroethene	79-01-6	ug/L	11/14/2000		40.8
MW-29	d	Vinyl Chloride	75-01-4	ug/L	11/14/2000		15.8
MW-30R	d	Benzene	71-43-2	ug/L	11/14/2000		0.9
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	11/14/2000	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	11/14/2000	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/14/2000		112
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/14/2000		6.3
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	11/14/2000	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	11/14/2000		9.4
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	11/14/2000		11.3
MW-29	d	Benzene	71-43-2	ug/L	12/11/2000		0.9
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	12/11/2000		0.7
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	12/11/2000	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/11/2000		98.7
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/11/2000		2.6
MW-29	d	Tetrachloroethene	127-18-4	ug/L	12/11/2000		23.6
MW-29	d	Trichloroethene	79-01-6	ug/L	12/11/2000		41.8
MW-29	d	Vinyl Chloride	75-01-4	ug/L	12/11/2000		16.7
MW-30R	d	Benzene	71-43-2	ug/L	12/11/2000		1.1
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	12/11/2000	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	12/11/2000	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/11/2000		100
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/11/2000		3.3
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	12/11/2000	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	12/11/2000		9.3
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	12/11/2000		11.5
MW-29	d	Benzene	71-43-2	ug/L	12/19/2000		0.9
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	12/19/2000		0.7
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	12/19/2000	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/19/2000		98.7
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/19/2000		2.6
MW-29	d	Tetrachloroethene	127-18-4	ug/L	12/19/2000		23.6
MW-29	d	Trichloroethene	79-01-6	ug/L	12/19/2000		41.8
MW-29	d	Vinyl Chloride	75-01-4	ug/L	12/19/2000		16.7
MW-30R	d	Benzene	71-43-2	ug/L	12/19/2000		1.1
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	12/19/2000	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	12/19/2000	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/19/2000		100
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/19/2000		3.3
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	12/19/2000	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	12/19/2000		9.3
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	12/19/2000		11.5
MW-29	d	Benzene	71-43-2	ug/L	3/9/2001		0.7
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	3/9/2001	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	3/9/2001	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/9/2001		84.4
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/9/2001		4.6
MW-29	d	Tetrachloroethene	127-18-4	ug/L	3/9/2001		20.9
MW-29	d	Trichloroethene	79-01-6	ug/L	3/9/2001		34.5
MW-29	d	Vinyl Chloride	75-01-4	ug/L	3/9/2001		9.8
MW-30R	d	Benzene	71-43-2	ug/L	3/9/2001		1
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	3/9/2001	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	3/9/2001	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/9/2001		120
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/9/2001		7.1
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	3/9/2001	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	3/9/2001		10.3
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	3/9/2001		11.2
MW-21	d	Benzene	71-43-2	ug/L	4/12/2001	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	4/12/2001	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	4/12/2001	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/12/2001	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/12/2001	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	4/12/2001	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	4/12/2001	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	4/12/2001	ND	
MW-29	d	Benzene	71-43-2	ug/L	4/12/2001	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	4/12/2001	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	4/12/2001	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/12/2001		106
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/12/2001		3
MW-29	d	Tetrachloroethene	127-18-4	ug/L	4/12/2001		35.8
MW-29	d	Trichloroethene	79-01-6	ug/L	4/12/2001		51.3
MW-29	d	Vinyl Chloride	75-01-4	ug/L	4/12/2001		21.7
MW-30R	d	Benzene	71-43-2	ug/L	4/12/2001		1.1
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	4/12/2001	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	4/12/2001	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/12/2001		105
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/12/2001		3.7
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	4/12/2001	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	4/12/2001		10.5
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	4/12/2001		14.3
MW-31R	d	Benzene	71-43-2	ug/L	4/12/2001	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	4/12/2001	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	4/12/2001	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/12/2001	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/12/2001	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	4/12/2001	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	4/12/2001	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	4/12/2001	ND	
MW-29	d	Benzene	71-43-2	ug/L	5/14/2001	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	5/14/2001	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	5/14/2001		0.6
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	5/14/2001	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/14/2001		107
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/14/2001		2.9
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/14/2001	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	5/14/2001		28.3
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/14/2001	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	5/14/2001		45
MW-29	d	Vinyl Chloride	75-01-4	ug/L	5/14/2001		20.5
MW-30R	d	Benzene	71-43-2	ug/L	5/14/2001		1
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	5/14/2001	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	5/14/2001	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	5/14/2001	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/14/2001		109
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/14/2001		3.8
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/14/2001	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	5/14/2001	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/14/2001	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	5/14/2001		10.2
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	5/14/2001		14.1
MW-29	d	Benzene	71-43-2	ug/L	6/22/2001	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	6/22/2001	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	6/22/2001		0.6
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	6/22/2001	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/22/2001		96.5
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/22/2001		2.9
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/22/2001	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	6/22/2001		31.2
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/22/2001	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	6/22/2001		48.6
MW-29	d	Vinyl Chloride	75-01-4	ug/L	6/22/2001		19.2
MW-30R	d	Benzene	71-43-2	ug/L	6/22/2001		1.2
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	6/22/2001	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	6/22/2001	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	6/22/2001	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/22/2001		97
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/22/2001		3.5
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/22/2001	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	6/22/2001	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/22/2001	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	6/22/2001		11.1
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	6/22/2001		14.4
MW-29	d	Benzene	71-43-2	ug/L	7/27/2001	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	7/27/2001	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	7/27/2001	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	7/27/2001	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/27/2001		96.2
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/27/2001		3.6
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/27/2001	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	7/27/2001		28.3
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/27/2001	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	7/27/2001		48.4
MW-29	d	Vinyl Chloride	75-01-4	ug/L	7/27/2001		20.4
MW-30R	d	Benzene	71-43-2	ug/L	7/27/2001		1.2
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	7/27/2001	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	7/27/2001	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	7/27/2001	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/27/2001		98.6
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/27/2001		4.4
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/27/2001	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	7/27/2001	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/27/2001	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	7/27/2001		11.7

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	7/27/2001		14.8
MW-29	d	Benzene	71-43-2	ug/L	8/27/2001	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	8/27/2001	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	8/27/2001		0.6
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	8/27/2001		0.2
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/27/2001		97.2
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/27/2001		3.1
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/27/2001	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	8/27/2001		29.4
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/27/2001		0.3
MW-29	d	Trichloroethene	79-01-6	ug/L	8/27/2001		46.6
MW-29	d	Vinyl Chloride	75-01-4	ug/L	8/27/2001		17.7
MW-30R	d	Benzene	71-43-2	ug/L	8/27/2001		1.1
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	8/27/2001	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	8/27/2001	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	8/27/2001	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/27/2001		95.8
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/27/2001		3.9
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/27/2001	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	8/27/2001	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/27/2001	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	8/27/2001		10.7
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	8/27/2001		12.6
MW-29	d	Benzene	71-43-2	ug/L	9/24/2001	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	9/24/2001	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	9/24/2001		0.6
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	9/24/2001	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/24/2001		90.1
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/24/2001		2.9
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/24/2001	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	9/24/2001		29.8
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/24/2001	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	9/24/2001		44.7
MW-29	d	Vinyl Chloride	75-01-4	ug/L	9/24/2001		16.8
MW-30R	d	Benzene	71-43-2	ug/L	9/24/2001		1.1
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	9/24/2001	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	9/24/2001	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	9/24/2001	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/24/2001		92.9
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/24/2001		3.7
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/24/2001	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	9/24/2001	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/24/2001	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	9/24/2001		10.8
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	9/24/2001		12.4
MW-21	d	Benzene	71-43-2	ug/L	10/8/2001	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	10/8/2001	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	10/8/2001	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/8/2001	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/8/2001	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	10/8/2001	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	10/8/2001	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	10/8/2001	ND	
MW-29	d	Benzene	71-43-2	ug/L	10/8/2001	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	10/8/2001	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	10/8/2001	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/8/2001		70.5
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/8/2001		2.5
MW-29	d	Tetrachloroethene	127-18-4	ug/L	10/8/2001		30.5
MW-29	d	Trichloroethene	79-01-6	ug/L	10/8/2001		41.1
MW-29	d	Vinyl Chloride	75-01-4	ug/L	10/8/2001		15.3
MW-30R	d	Benzene	71-43-2	ug/L	10/8/2001		1.3
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	10/8/2001	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	10/8/2001	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/8/2001		91.8
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/8/2001		3.5
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	10/8/2001	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	10/8/2001		11.2
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	10/8/2001		12
MW-31R	d	Benzene	71-43-2	ug/L	10/8/2001	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	10/8/2001	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	10/8/2001	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/8/2001	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/8/2001	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	10/8/2001	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	10/8/2001	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	10/8/2001	ND	
MW-29	d	Benzene	71-43-2	ug/L	11/28/2001	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	11/28/2001	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	11/28/2001		0.6
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	11/28/2001	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/28/2001		104
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/28/2001		2.9
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/28/2001	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	11/28/2001		26.4
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/28/2001	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	11/28/2001		45.7

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Vinyl Chloride	75-01-4	ug/L	11/28/2001		20.8
MW-30R	d	Benzene	71-43-2	ug/L	11/28/2001		1.2
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	11/28/2001	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	11/28/2001	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	11/28/2001	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/28/2001		107
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/28/2001		3.9
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/28/2001	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	11/28/2001	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/28/2001	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	11/28/2001		10.9
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	11/28/2001		15.7
MW-29	d	Benzene	71-43-2	ug/L	12/27/2001	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	12/27/2001	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	12/27/2001		0.6
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	12/27/2001	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/27/2001		103
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/27/2001		3.2
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/27/2001	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	12/27/2001		25.9
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/27/2001	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	12/27/2001		47
MW-29	d	Vinyl Chloride	75-01-4	ug/L	12/27/2001		19.1
MW-30R	d	Benzene	71-43-2	ug/L	12/27/2001		1.1
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	12/27/2001	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	12/27/2001	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	12/27/2001	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/27/2001		100
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/27/2001		4
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/27/2001	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	12/27/2001	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/27/2001	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	12/27/2001		10.6
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	12/27/2001		12.9
MW-29	d	Benzene	71-43-2	ug/L	1/22/2002		1
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	1/22/2002	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	1/22/2002		0.6
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	1/22/2002	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/22/2002		106
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/22/2002		2.9
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/22/2002	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	1/22/2002		26.8
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/22/2002	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	1/22/2002		39.6
MW-29	d	Vinyl Chloride	75-01-4	ug/L	1/22/2002		17.9
MW-30R	d	Benzene	71-43-2	ug/L	1/22/2002		1.3
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	1/22/2002	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	1/22/2002	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	1/22/2002	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/22/2002		102
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/22/2002		3.8
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/22/2002	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	1/22/2002	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/22/2002	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	1/22/2002		10.2
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	1/22/2002		12.9
MW-29	d	Benzene	71-43-2	ug/L	2/28/2002	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	2/28/2002	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	2/28/2002	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	2/28/2002	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/28/2002		101
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/28/2002		3.3
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/28/2002	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	2/28/2002		25.7
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/28/2002	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	2/28/2002		49.9
MW-29	d	Vinyl Chloride	75-01-4	ug/L	2/28/2002		18.5
MW-30R	d	Benzene	71-43-2	ug/L	2/28/2002		1.2
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	2/28/2002	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	2/28/2002	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	2/28/2002	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/28/2002		97.7
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/28/2002		4.1
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/28/2002	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	2/28/2002	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/28/2002	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	2/28/2002		8.4
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	2/28/2002		13
MW-29	d	Benzene	71-43-2	ug/L	3/28/2002	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	3/28/2002	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	3/28/2002	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	3/28/2002	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/28/2002		112
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/28/2002		3.5
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/28/2002	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	3/28/2002		29.7
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/28/2002	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Trichloroethene	79-01-6	ug/L	3/28/2002		49.8
MW-29	d	Vinyl Chloride	75-01-4	ug/L	3/28/2002		20
MW-30R	d	Benzene	71-43-2	ug/L	3/28/2002		1.1
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	3/28/2002	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	3/28/2002	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	3/28/2002	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/28/2002		102
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/28/2002		4.1
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/28/2002	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	3/28/2002	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/28/2002	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	3/28/2002		10.6
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	3/28/2002		13.1
MW-21	d	Benzene	71-43-2	ug/L	4/4/2002	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	4/4/2002	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	4/4/2002	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/4/2002	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/4/2002	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	4/4/2002	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	4/4/2002	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	4/4/2002	ND	
MW-29	d	Benzene	71-43-2	ug/L	4/4/2002		1
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	4/4/2002		1
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	4/4/2002		1
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/4/2002		94.6
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/4/2002		2.6
MW-29	d	Tetrachloroethene	127-18-4	ug/L	4/4/2002		22.5
MW-29	d	Trichloroethene	79-01-6	ug/L	4/4/2002		42.4
MW-29	d	Vinyl Chloride	75-01-4	ug/L	4/4/2002		14.6
MW-30R	d	Benzene	71-43-2	ug/L	4/4/2002		1
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	4/4/2002		1
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	4/4/2002		1
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/4/2002		93
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/4/2002		3.6
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	4/4/2002		1
MW-30R	d	Trichloroethene	79-01-6	ug/L	4/4/2002		9.7
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	4/4/2002		13.1
MW-31R	d	Benzene	71-43-2	ug/L	4/4/2002	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	4/4/2002	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	4/4/2002	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/4/2002	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/4/2002	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	4/4/2002	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	4/4/2002	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	4/4/2002	ND	
MW-29	d	Benzene	71-43-2	ug/L	5/20/2002	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	5/20/2002	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	5/20/2002	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	5/20/2002	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/20/2002		96.8
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/20/2002		2.9
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/20/2002	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	5/20/2002		24
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/20/2002	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	5/20/2002		42.2
MW-29	d	Vinyl Chloride	75-01-4	ug/L	5/20/2002		14.3
MW-30R	d	Benzene	71-43-2	ug/L	5/20/2002	ND	
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	5/20/2002	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	5/20/2002	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	5/20/2002	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/20/2002		86.1
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/20/2002		3.2
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/20/2002	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	5/20/2002	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/20/2002	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	5/20/2002		8.7
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	5/20/2002		9.4
MW-29	d	Benzene	71-43-2	ug/L	6/24/2002		1
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	6/24/2002		1
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	6/24/2002		1
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/24/2002		106
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/24/2002		3.2
MW-29	d	Tetrachloroethene	127-18-4	ug/L	6/24/2002		25.2
MW-29	d	Trichloroethene	79-01-6	ug/L	6/24/2002		44.7
MW-29	d	Vinyl Chloride	75-01-4	ug/L	6/24/2002		19.4
MW-30R	d	Benzene	71-43-2	ug/L	6/24/2002		1
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	6/24/2002		1
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	6/24/2002		1
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/24/2002		92.5
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/24/2002		3.7
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	6/24/2002		1
MW-30R	d	Trichloroethene	79-01-6	ug/L	6/24/2002		8.6
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	6/24/2002		13
MW-39	d	Benzene	71-43-2	ug/L	6/24/2002	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	6/24/2002	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	6/24/2002	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/24/2002	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/24/2002	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	6/24/2002	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	6/24/2002	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	6/24/2002	ND	
MW-29	d	Benzene	71-43-2	ug/L	7/17/2002		1.1
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	7/17/2002	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	7/17/2002	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/17/2002		113
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/17/2002		2.3
MW-29	d	Tetrachloroethene	127-18-4	ug/L	7/17/2002		30.9
MW-29	d	Trichloroethene	79-01-6	ug/L	7/17/2002		54.8
MW-29	d	Vinyl Chloride	75-01-4	ug/L	7/17/2002		15.8
MW-30R	d	Benzene	71-43-2	ug/L	7/17/2002	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	7/17/2002	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	7/17/2002	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/17/2002		102
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/17/2002		1.8
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	7/17/2002		2.6
MW-30R	d	Trichloroethene	79-01-6	ug/L	7/17/2002		11.7
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	7/17/2002		11.2
MW-29	d	Benzene	71-43-2	ug/L	8/14/2002		0.8
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	8/14/2002	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	8/14/2002	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/14/2002		111
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/14/2002		3
MW-29	d	Tetrachloroethene	127-18-4	ug/L	8/14/2002		25.4
MW-29	d	Trichloroethene	79-01-6	ug/L	8/14/2002		46.2
MW-29	d	Vinyl Chloride	75-01-4	ug/L	8/14/2002		15.3
MW-30R	d	Benzene	71-43-2	ug/L	8/14/2002		1.1
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	8/14/2002	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	8/14/2002	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/14/2002		102
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/14/2002		3.9
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	8/14/2002	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	8/14/2002		9.9
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	8/14/2002		11.4
MW-29	d	Benzene	71-43-2	ug/L	9/19/2002	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	9/19/2002	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	9/19/2002	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/19/2002		103
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/19/2002		3.4
MW-29	d	Tetrachloroethene	127-18-4	ug/L	9/19/2002		28.2
MW-29	d	Trichloroethene	79-01-6	ug/L	9/19/2002		47
MW-29	d	Vinyl Chloride	75-01-4	ug/L	9/19/2002		17.9
MW-30R	d	Benzene	71-43-2	ug/L	9/19/2002		1.1
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	9/19/2002	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	9/19/2002	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/19/2002		97.6
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/19/2002		4
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	9/19/2002	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	9/19/2002		11.3
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	9/19/2002		13.6
MW-21	d	Benzene	71-43-2	ug/L	10/7/2002	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	10/7/2002	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	10/7/2002	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/7/2002	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/7/2002	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	10/7/2002	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	10/7/2002	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	10/7/2002	ND	
MW-29	d	Benzene	71-43-2	ug/L	10/7/2002	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	10/7/2002	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	10/7/2002	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/7/2002		114
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/7/2002		3.2
MW-29	d	Tetrachloroethene	127-18-4	ug/L	10/7/2002		23.2
MW-29	d	Trichloroethene	79-01-6	ug/L	10/7/2002		50.9
MW-29	d	Vinyl Chloride	75-01-4	ug/L	10/7/2002		17
MW-30R	d	Benzene	71-43-2	ug/L	10/7/2002		1.2
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	10/7/2002	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	10/7/2002	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/7/2002		93
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/7/2002		3.5
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	10/7/2002	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	10/7/2002		11
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	10/7/2002		11.4
MW-31R	d	Benzene	71-43-2	ug/L	10/7/2002	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	10/7/2002	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	10/7/2002	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/7/2002	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/7/2002	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	10/7/2002	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	10/7/2002	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	10/7/2002	ND	
MW-29	d	Benzene	71-43-2	ug/L	11/20/2002	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	11/20/2002	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	11/20/2002	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/20/2002		88.4
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/20/2002		2.6
MW-29	d	Tetrachloroethene	127-18-4	ug/L	11/20/2002		23
MW-29	d	Trichloroethene	79-01-6	ug/L	11/20/2002		38.5
MW-29	d	Vinyl Chloride	75-01-4	ug/L	11/20/2002		14.7
MW-30R	d	Benzene	71-43-2	ug/L	11/20/2002	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	11/20/2002	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	11/20/2002	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/20/2002		77.8
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/20/2002		3
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	11/20/2002		3.5
MW-30R	d	Trichloroethene	79-01-6	ug/L	11/20/2002		8.4
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	11/20/2002		10.4
MW-29	d	Benzene	71-43-2	ug/L	12/18/2002	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	12/18/2002	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	12/18/2002	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/18/2002		97.2
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/18/2002		3
MW-29	d	Tetrachloroethene	127-18-4	ug/L	12/18/2002		23.5
MW-29	d	Trichloroethene	79-01-6	ug/L	12/18/2002		44.6
MW-29	d	Vinyl Chloride	75-01-4	ug/L	12/18/2002		17.2
MW-30R	d	Benzene	71-43-2	ug/L	12/18/2002	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	12/18/2002	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	12/18/2002	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/18/2002		82.6
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/18/2002		3.5
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	12/18/2002	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	12/18/2002		9
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	12/18/2002		12.1
MW-29	d	Benzene	71-43-2	ug/L	1/15/2003	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	1/15/2003	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	1/15/2003	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/15/2003		106
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/15/2003		3.5
MW-29	d	Tetrachloroethene	127-18-4	ug/L	1/15/2003		25.4
MW-29	d	Trichloroethene	79-01-6	ug/L	1/15/2003		45.6
MW-29	d	Vinyl Chloride	75-01-4	ug/L	1/15/2003		18
MW-30R	d	Benzene	71-43-2	ug/L	1/15/2003	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	1/15/2003	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	1/15/2003	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/15/2003		80.4
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/15/2003		3.9
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	1/15/2003		1.3
MW-30R	d	Trichloroethene	79-01-6	ug/L	1/15/2003		10.4
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	1/15/2003		12.8
MW-29	d	Benzene	71-43-2	ug/L	2/24/2003		0.7
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	2/24/2003	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	2/24/2003	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/24/2003		108
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/24/2003		3
MW-29	d	Tetrachloroethene	127-18-4	ug/L	2/24/2003		23.3
MW-29	d	Trichloroethene	79-01-6	ug/L	2/24/2003		47.7
MW-29	d	Vinyl Chloride	75-01-4	ug/L	2/24/2003		14.8
MW-30R	d	Benzene	71-43-2	ug/L	2/24/2003		0.8
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	2/24/2003	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	2/24/2003	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/24/2003		86.7
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/24/2003		3.2
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	2/24/2003		1
MW-30R	d	Trichloroethene	79-01-6	ug/L	2/24/2003		9.2
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	2/24/2003		9.6
MW-29	d	Benzene	71-43-2	ug/L	3/17/2003		0.8
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	3/17/2003	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	3/17/2003	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/17/2003		96.9
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/17/2003		3
MW-29	d	Tetrachloroethene	127-18-4	ug/L	3/17/2003		20.8
MW-29	d	Trichloroethene	79-01-6	ug/L	3/17/2003		44.2
MW-29	d	Vinyl Chloride	75-01-4	ug/L	3/17/2003		12.1
MW-30R	d	Benzene	71-43-2	ug/L	3/17/2003		1
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	3/17/2003	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	3/17/2003	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/17/2003		82.8
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/17/2003		3.1
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	3/17/2003	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	3/17/2003		8.6
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	3/17/2003		9.4
MW-21	d	Benzene	71-43-2	ug/L	4/15/2003	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	4/15/2003	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	4/15/2003	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	4/15/2003	ND	
MW-29	d	Benzene	71-43-2	ug/L	4/15/2003		0.8
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	4/15/2003		0.8
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	4/15/2003	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/15/2003		114
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/15/2003		3.1
MW-29	d	Tetrachloroethene	127-18-4	ug/L	4/15/2003		21.1

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Trichloroethene	79-01-6	ug/L	4/15/2003		47.9
MW-29	d	Vinyl Chloride	75-01-4	ug/L	4/15/2003		17.6
MW-29	d	Sulfide	18496-25-8	mg/L	4/15/2003	ND	
MW-30R	d	Benzene	71-43-2	ug/L	4/15/2003		0.9
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	4/15/2003	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	4/15/2003	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	4/15/2003		7.7
MW-31R	d	Benzene	71-43-2	ug/L	4/15/2003	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	4/15/2003	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	4/15/2003	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	4/15/2003	ND	
MW-39	d	Benzene	71-43-2	ug/L	4/15/2003	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	4/15/2003	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	4/15/2003	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/15/2003	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	4/15/2003	ND	
MW-29	d	Benzene	71-43-2	ug/L	5/28/2003		0.8
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	5/28/2003	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	5/28/2003	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/28/2003		95.5
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/28/2003		2.4
MW-29	d	Tetrachloroethene	127-18-4	ug/L	5/28/2003		15.5
MW-29	d	Trichloroethene	79-01-6	ug/L	5/28/2003		38.3
MW-29	d	Vinyl Chloride	75-01-4	ug/L	5/28/2003		11.1
MW-30R	d	Benzene	71-43-2	ug/L	5/28/2003		0.9
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	5/28/2003	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	5/28/2003	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/28/2003		68.4
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/28/2003		2.6
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	5/28/2003	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	5/28/2003		7.4
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	5/28/2003		6.5
MW-29	d	Benzene	71-43-2	ug/L	6/16/2003		0.8
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	6/16/2003	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	6/16/2003	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/16/2003		123
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/16/2003		3.5
MW-29	d	Tetrachloroethene	127-18-4	ug/L	6/16/2003		26.7
MW-29	d	Trichloroethene	79-01-6	ug/L	6/16/2003		56.2
MW-29	d	Vinyl Chloride	75-01-4	ug/L	6/16/2003		17.9
MW-30R	d	Benzene	71-43-2	ug/L	6/16/2003		1
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	6/16/2003	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	6/16/2003	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/16/2003		90.9
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/16/2003		3.3
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	6/16/2003	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	6/16/2003		9.6
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	6/16/2003		11.4
MW-29	d	Benzene	71-43-2	ug/L	7/14/2003		0.8
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	7/14/2003	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	7/14/2003	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/14/2003		98.9
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/14/2003		3.7
MW-29	d	Tetrachloroethene	127-18-4	ug/L	7/14/2003		19.4
MW-29	d	Trichloroethene	79-01-6	ug/L	7/14/2003		45.6
MW-29	d	Vinyl Chloride	75-01-4	ug/L	7/14/2003		13.3
MW-29	d	Sulfide	18496-25-8	mg/L	7/14/2003	ND	
MW-30R	d	Benzene	71-43-2	ug/L	7/14/2003		0.9
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	7/14/2003	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	7/14/2003	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/14/2003		73
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/14/2003		3
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	7/14/2003	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	7/14/2003		7.8
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	7/14/2003		8.9
MW-29	d	Benzene	71-43-2	ug/L	8/27/2003		0.7
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	8/27/2003	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	8/27/2003	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/27/2003		95.4
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/27/2003		3.1
MW-29	d	Tetrachloroethene	127-18-4	ug/L	8/27/2003		22
MW-29	d	Trichloroethene	79-01-6	ug/L	8/27/2003		44.1
MW-29	d	Vinyl Chloride	75-01-4	ug/L	8/27/2003		12.5
MW-29	d	Sulfide	18496-25-8	mg/L	8/27/2003	ND	
MW-30R	d	Benzene	71-43-2	ug/L	8/27/2003		0.9
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	8/27/2003	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	8/27/2003	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/27/2003		74.6
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/27/2003		3.8
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	8/27/2003	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	8/27/2003		7.7
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	8/27/2003		9.1
MW-29	d	Benzene	71-43-2	ug/L	9/10/2003		0.8
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	9/10/2003	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	9/10/2003	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/10/2003		132
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/10/2003		3.8

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Tetrachloroethene	127-18-4	ug/L	9/10/2003		20.8
MW-29	d	Trichloroethene	79-01-6	ug/L	9/10/2003		53.1
MW-29	d	Vinyl Chloride	75-01-4	ug/L	9/10/2003		12.2
MW-29	d	Sulfide	18496-25-8	mg/L	9/10/2003	ND	
MW-30R	d	Benzene	71-43-2	ug/L	9/10/2003		1.2
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	9/10/2003	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	9/10/2003	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/10/2003		107
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/10/2003		3.6
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	9/10/2003	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	9/10/2003		10.9
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	9/10/2003		10.8
MW-14R	d	Benzene	71-43-2	ug/L	10/6/2003	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	10/6/2003	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	10/6/2003	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	10/6/2003	ND	
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/6/2003	ND	
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/6/2003	ND	
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/6/2003	ND	
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	10/6/2003	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/6/2003	ND	
MW-14R	d	Trichloroethene	79-01-6	ug/L	10/6/2003	ND	
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	10/6/2003	ND	
MW-21	d	Benzene	71-43-2	ug/L	10/6/2003	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	10/6/2003	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	10/6/2003	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/6/2003	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/6/2003	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	10/6/2003	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	10/6/2003	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	10/6/2003	ND	
MW-29	d	Benzene	71-43-2	ug/L	10/6/2003		1.6
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	10/6/2003		1.4
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	10/6/2003	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/6/2003		117
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/6/2003		2.9
MW-29	d	Tetrachloroethene	127-18-4	ug/L	10/6/2003		21.7
MW-29	d	Trichloroethene	79-01-6	ug/L	10/6/2003		45.5
MW-29	d	Vinyl Chloride	75-01-4	ug/L	10/6/2003		17.9
MW-29	d	Sulfide	18496-25-8	mg/L	10/6/2003	ND	
MW-30R	d	Benzene	71-43-2	ug/L	10/6/2003		1.1
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	10/6/2003	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	10/6/2003	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/6/2003		97.7
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/6/2003		3.1
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	10/6/2003	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	10/6/2003		9.3
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	10/6/2003		13.6
MW-31R	d	Benzene	71-43-2	ug/L	10/6/2003	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	10/6/2003	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	10/6/2003	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/6/2003	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/6/2003	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	10/6/2003	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	10/6/2003	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	10/6/2003	ND	
MW-39	d	Benzene	71-43-2	ug/L	10/6/2003	ND	
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	10/6/2003	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	10/6/2003	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	10/6/2003	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/6/2003	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/6/2003	ND	
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/6/2003	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	10/6/2003	ND	
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/6/2003	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	10/6/2003	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	10/6/2003	ND	
MW-29	d	Benzene	71-43-2	ug/L	11/24/2003		1
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	11/24/2003	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	11/24/2003	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/24/2003		98.2
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/24/2003		3.5
MW-29	d	Tetrachloroethene	127-18-4	ug/L	11/24/2003		23.1
MW-29	d	Trichloroethene	79-01-6	ug/L	11/24/2003		38.1
MW-29	d	Vinyl Chloride	75-01-4	ug/L	11/24/2003		13.2
MW-29	d	Sulfide	18496-25-8	mg/L	11/24/2003	ND	
MW-30R	d	Benzene	71-43-2	ug/L	11/24/2003		1.1
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	11/24/2003	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	11/24/2003	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/24/2003		78.1
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/24/2003		3.2
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	11/24/2003	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	11/24/2003		8.2
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	11/24/2003		10.1
MW-29	d	Benzene	71-43-2	ug/L	12/15/2003		0.9
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	12/15/2003	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	12/15/2003	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/15/2003		108
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/15/2003		3
MW-29	d	Tetrachloroethene	127-18-4	ug/L	12/15/2003		21.9
MW-29	d	Trichloroethene	79-01-6	ug/L	12/15/2003		41.1
MW-29	d	Vinyl Chloride	75-01-4	ug/L	12/15/2003		12.6
MW-30R	d	Benzene	71-43-2	ug/L	12/15/2003		0.9
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	12/15/2003	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	12/15/2003	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/15/2003		87.3
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/15/2003		3
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	12/15/2003	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	12/15/2003		8.8
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	12/15/2003		10.3
MW-29	d	Benzene	71-43-2	ug/L	2/23/2004		1.1
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	2/23/2004	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	2/23/2004	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/23/2004		95.2
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/23/2004		3
MW-29	d	Tetrachloroethene	127-18-4	ug/L	2/23/2004		23.5
MW-29	d	Trichloroethene	79-01-6	ug/L	2/23/2004		36.4
MW-29	d	Vinyl Chloride	75-01-4	ug/L	2/23/2004		11.4
MW-29	d	Sulfide	18496-25-8	mg/L	2/23/2004	ND	
MW-30R	d	Benzene	71-43-2	ug/L	2/23/2004		0.9
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	2/23/2004	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	2/23/2004	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/23/2004		80.8
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/23/2004		2.9
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	2/23/2004	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	2/23/2004		7.9
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	2/23/2004		9.8
MW-21	d	Benzene	71-43-2	ug/L	3/16/2004	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	3/16/2004	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	3/16/2004	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/16/2004	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/16/2004	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	3/16/2004	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	3/16/2004	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	3/16/2004	ND	
MW-29	d	Benzene	71-43-2	ug/L	3/16/2004		1.1
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	3/16/2004		1
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	3/16/2004	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/16/2004		90
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/16/2004		2.8
MW-29	d	Tetrachloroethene	127-18-4	ug/L	3/16/2004		21.4
MW-29	d	Trichloroethene	79-01-6	ug/L	3/16/2004		35.1
MW-29	d	Vinyl Chloride	75-01-4	ug/L	3/16/2004		11.8
MW-29	d	Sulfide	18496-25-8	mg/L	3/16/2004		1
MW-30R	d	Benzene	71-43-2	ug/L	3/16/2004		0.9
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	3/16/2004	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	3/16/2004	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/16/2004		69.1
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/16/2004		2.6
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	3/16/2004	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	3/16/2004		7.5
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	3/16/2004		9
MW-31R	d	Benzene	71-43-2	ug/L	3/16/2004	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	3/16/2004	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	3/16/2004	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/16/2004	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/16/2004	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	3/16/2004	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	3/16/2004	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	3/16/2004	ND	
MW-39	d	Benzene	71-43-2	ug/L	3/16/2004	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	3/16/2004	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	3/16/2004	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/16/2004	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/16/2004	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	3/16/2004	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	3/16/2004	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	3/16/2004	ND	
MW-29	d	Benzene	71-43-2	ug/L	4/26/2004		1.1
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	4/26/2004		1.1
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	4/26/2004	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/26/2004		94.7
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/26/2004		3.1
MW-29	d	Tetrachloroethene	127-18-4	ug/L	4/26/2004		20.4
MW-29	d	Trichloroethene	79-01-6	ug/L	4/26/2004		33.5
MW-29	d	Vinyl Chloride	75-01-4	ug/L	4/26/2004		11.9
MW-29	d	Sulfide	18496-25-8	mg/L	4/26/2004	ND	
MW-30R	d	Benzene	71-43-2	ug/L	4/26/2004		0.9
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	4/26/2004	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	4/26/2004	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/26/2004		75.7
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/26/2004		3
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	4/26/2004	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	4/26/2004		7.3

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	4/26/2004		9.1
MW-29	d	Benzene	71-43-2	ug/L	5/17/2004		1.3
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	5/17/2004	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	5/17/2004	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/17/2004		101
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/17/2004		3.6
MW-29	d	Tetrachloroethene	127-18-4	ug/L	5/17/2004		20.6
MW-29	d	Trichloroethene	79-01-6	ug/L	5/17/2004		33.2
MW-29	d	Vinyl Chloride	75-01-4	ug/L	5/17/2004		13.2
MW-29	d	Sulfide	18496-25-8	mg/L	5/17/2004	ND	
MW-30R	d	Benzene	71-43-2	ug/L	5/17/2004		0.8
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	5/17/2004	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	5/17/2004	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/17/2004		75
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/17/2004		2.9
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	5/17/2004	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	5/17/2004		6.4
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	5/17/2004		9.5
MW-29	d	Benzene	71-43-2	ug/L	6/21/2004		1.1
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	6/21/2004		1
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	6/21/2004	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/21/2004		90.5
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/21/2004		3.2
MW-29	d	Tetrachloroethene	127-18-4	ug/L	6/21/2004		18.5
MW-29	d	Trichloroethene	79-01-6	ug/L	6/21/2004		27.5
MW-29	d	Vinyl Chloride	75-01-4	ug/L	6/21/2004		9.8
MW-29	d	Sulfide	18496-25-8	mg/L	6/21/2004	ND	
MW-30R	d	Benzene	71-43-2	ug/L	6/21/2004		0.9
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	6/21/2004	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	6/21/2004	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/21/2004		89.4
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/21/2004		3.3
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	6/21/2004	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	6/21/2004		7.6
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	6/21/2004		8.4
MW-29	d	Benzene	71-43-2	ug/L	7/20/2004		1.3
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	7/20/2004		1.2
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	7/20/2004	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/20/2004		103
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/20/2004		3.3
MW-29	d	Tetrachloroethene	127-18-4	ug/L	7/20/2004		17.6
MW-29	d	Trichloroethene	79-01-6	ug/L	7/20/2004		31.2
MW-29	d	Vinyl Chloride	75-01-4	ug/L	7/20/2004		13.2
MW-29	d	Sulfide	18496-25-8	mg/L	7/20/2004	ND	
MW-30R	d	Benzene	71-43-2	ug/L	7/20/2004		0.8
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	7/20/2004	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	7/20/2004	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/20/2004		76.7
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/20/2004		2.7
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	7/20/2004	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	7/20/2004		6.1
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	7/20/2004		9.2
MW-29	d	Benzene	71-43-2	ug/L	8/23/2004		1.3
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	8/23/2004		1.1
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	8/23/2004	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/23/2004		98.1
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/23/2004		4.1
MW-29	d	Tetrachloroethene	127-18-4	ug/L	8/23/2004		14.1
MW-29	d	Trichloroethene	79-01-6	ug/L	8/23/2004		22.5
MW-29	d	Vinyl Chloride	75-01-4	ug/L	8/23/2004		13.4
MW-29	d	Sulfide	18496-25-8	mg/L	8/23/2004	ND	
MW-30R	d	Benzene	71-43-2	ug/L	8/23/2004		0.9
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	8/23/2004	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	8/23/2004	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/23/2004		80
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/23/2004		3.2
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	8/23/2004	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	8/23/2004		7.4
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	8/23/2004		11.4
MW-21	d	Benzene	71-43-2	ug/L	9/20/2004	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	9/20/2004	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	9/20/2004	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/20/2004	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/20/2004	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	9/20/2004	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	9/20/2004	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	9/20/2004	ND	
MW-29	d	Benzene	71-43-2	ug/L	9/20/2004		1.5
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	9/20/2004		1.4
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	9/20/2004	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/20/2004		98.9
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/20/2004		2.9
MW-29	d	Tetrachloroethene	127-18-4	ug/L	9/20/2004		13.7
MW-29	d	Trichloroethene	79-01-6	ug/L	9/20/2004		20.8
MW-29	d	Vinyl Chloride	75-01-4	ug/L	9/20/2004		11.2
MW-29	d	Sulfide	18496-25-8	mg/L	9/20/2004	ND	
MW-30R	d	Benzene	71-43-2	ug/L	9/20/2004		0.9

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	9/20/2004	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	9/20/2004	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/20/2004		85
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/20/2004		3.6
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	9/20/2004	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	9/20/2004		7.4
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	9/20/2004		11.9
MW-31R	d	Benzene	71-43-2	ug/L	9/20/2004	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	9/20/2004	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	9/20/2004	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/20/2004	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/20/2004	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	9/20/2004	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	9/20/2004	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	9/20/2004	ND	
MW-39	d	Benzene	71-43-2	ug/L	9/20/2004	ND	
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	9/20/2004	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	9/20/2004	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	9/20/2004	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/20/2004	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/20/2004	ND	
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/20/2004	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	9/20/2004	ND	
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/20/2004	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	9/20/2004	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	9/20/2004	ND	
MW-14R	d	Benzene	71-43-2	ug/L	9/28/2004	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	9/28/2004	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	9/28/2004	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	9/28/2004	ND	
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/28/2004	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/28/2004	ND	
MW-14R	d	Trichloroethene	79-01-6	ug/L	9/28/2004	ND	
MW-29	d	Benzene	71-43-2	ug/L	10/25/2004		1.7
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	10/25/2004		1.2
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	10/25/2004	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/25/2004		88
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/25/2004		3.6
MW-29	d	Tetrachloroethene	127-18-4	ug/L	10/25/2004		12
MW-29	d	Trichloroethene	79-01-6	ug/L	10/25/2004		18.1
MW-29	d	Vinyl Chloride	75-01-4	ug/L	10/25/2004		10.7
MW-29	d	Sulfide	18496-25-8	mg/L	10/25/2004	ND	
MW-30R	d	Benzene	71-43-2	ug/L	10/25/2004		0.9
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	10/25/2004	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	10/25/2004	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/25/2004		79.4
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/25/2004		3.1
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	10/25/2004	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	10/25/2004		7.3
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	10/25/2004		11.9
MW-29	d	Benzene	71-43-2	ug/L	11/19/2004	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	11/19/2004	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	11/19/2004	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/19/2004		78
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/19/2004	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	11/19/2004	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	11/19/2004		17.5
MW-29	d	Vinyl Chloride	75-01-4	ug/L	11/19/2004	ND	
MW-29	d	Sulfide	18496-25-8	mg/L	11/19/2004	ND	
MW-30R	d	Benzene	71-43-2	ug/L	11/19/2004		0.8
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	11/19/2004	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	11/19/2004	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/19/2004		65.5
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/19/2004		2.3
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	11/19/2004	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	11/19/2004		7
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	11/19/2004		8.6
MW-29	d	Benzene	71-43-2	ug/L	12/28/2004	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	12/28/2004	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	12/28/2004	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/28/2004		50.6
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/28/2004	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	12/28/2004		6.6
MW-29	d	Trichloroethene	79-01-6	ug/L	12/28/2004		10.8
MW-29	d	Vinyl Chloride	75-01-4	ug/L	12/28/2004		5.8
MW-29	d	Sulfide	18496-25-8	mg/L	12/28/2004	ND	
MW-30R	d	Benzene	71-43-2	ug/L	12/28/2004		0.8
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	12/28/2004	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	12/28/2004	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/28/2004		70.6
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/28/2004		2.3
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	12/28/2004	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	12/28/2004		6.5
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	12/28/2004		10.4
MW-21	d	Benzene	71-43-2	ug/L	3/21/2005	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	3/21/2005	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	3/21/2005	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/21/2005	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/21/2005	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	3/21/2005	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	3/21/2005	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	3/21/2005	ND	
MW-29	d	Benzene	71-43-2	ug/L	3/21/2005		1.9
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	3/21/2005		1.2
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	3/21/2005	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/21/2005		74.8
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/21/2005		3.1
MW-29	d	Tetrachloroethene	127-18-4	ug/L	3/21/2005		7.5
MW-29	d	Trichloroethene	79-01-6	ug/L	3/21/2005		11.1
MW-29	d	Vinyl Chloride	75-01-4	ug/L	3/21/2005		10.3
MW-29	d	Sulfide	18496-25-8	mg/L	3/21/2005	ND	
MW-30R	d	Benzene	71-43-2	ug/L	3/21/2005		0.9
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	3/21/2005	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	3/21/2005	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/21/2005		79.4
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/21/2005		2.7
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	3/21/2005	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	3/21/2005		6.7
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	3/21/2005		9.7
MW-31R	d	Benzene	71-43-2	ug/L	3/21/2005	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	3/21/2005	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	3/21/2005	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/21/2005	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/21/2005	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	3/21/2005	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	3/21/2005	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	3/21/2005	ND	
MW-39	d	Benzene	71-43-2	ug/L	3/21/2005	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	3/21/2005	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	3/21/2005	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/21/2005	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/21/2005	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	3/21/2005	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	3/21/2005	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	3/21/2005	ND	
MW-29	d	Benzene	71-43-2	ug/L	8/30/2005		2.5
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	8/30/2005	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	8/30/2005	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/30/2005		47.6
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/30/2005		2.3
MW-29	d	Tetrachloroethene	127-18-4	ug/L	8/30/2005		8.8
MW-29	d	Trichloroethene	79-01-6	ug/L	8/30/2005		10.4
MW-29	d	Vinyl Chloride	75-01-4	ug/L	8/30/2005		6.1
MW-29	d	Sulfide	18496-25-8	mg/L	8/30/2005	ND	
MW-30R	d	Benzene	71-43-2	ug/L	8/30/2005		0.7
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	8/30/2005	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	8/30/2005	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/30/2005		62.1
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/30/2005		3
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	8/30/2005	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	8/30/2005		6.3
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	8/30/2005		9.3
MW-14R	d	Benzene	71-43-2	ug/L	9/12/2005	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2005	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2005	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2005	ND	
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2005	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2005	ND	
MW-14R	d	Trichloroethene	79-01-6	ug/L	9/12/2005	ND	
MW-21	d	Benzene	71-43-2	ug/L	9/12/2005	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2005	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2005	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2005	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2005	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	9/12/2005	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	9/12/2005	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	9/12/2005	ND	
MW-29	d	Benzene	71-43-2	ug/L	9/12/2005	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2005	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2005	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2005		40.7
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2005	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	9/12/2005	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	9/12/2005		7.3
MW-29	d	Vinyl Chloride	75-01-4	ug/L	9/12/2005		5.6
MW-29	d	Sulfide	18496-25-8	mg/L	9/12/2005	ND	
MW-30R	d	Benzene	71-43-2	ug/L	9/12/2005		0.6
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2005	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2005	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2005		59.2
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2005		1.7
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	9/12/2005	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	9/12/2005		5.8
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	9/12/2005		5.7

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	Benzene	71-43-2	ug/L	9/12/2005	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2005	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2005	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2005	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2005	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	9/12/2005	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	9/12/2005	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	9/12/2005	ND	
MW-39	d	Benzene	71-43-2	ug/L	9/12/2005	ND	
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2005	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2005	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2005	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2005	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2005	ND	
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2005	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	9/12/2005	ND	
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2005	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	9/12/2005	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	9/12/2005	ND	
MW-29	d	Benzene	71-43-2	ug/L	12/20/2005		3
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	12/20/2005	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	12/20/2005	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/20/2005		41.4
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/20/2005		1.7
MW-29	d	Tetrachloroethene	127-18-4	ug/L	12/20/2005		5.7
MW-29	d	Trichloroethene	79-01-6	ug/L	12/20/2005		11.4
MW-29	d	Vinyl Chloride	75-01-4	ug/L	12/20/2005		5.8
MW-29	d	Sulfide	18496-25-8	mg/L	12/20/2005	ND	
MW-30R	d	Benzene	71-43-2	ug/L	12/20/2005		0.7
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	12/20/2005	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	12/20/2005	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/20/2005		63.5
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/20/2005		2.3
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	12/20/2005	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	12/20/2005		6.2
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	12/20/2005		9.3
MW-14R	d	Benzene	71-43-2	ug/L	3/14/2006	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	3/14/2006	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	3/14/2006	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	3/14/2006	ND	
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/14/2006	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/14/2006	ND	
MW-14R	d	Trichloroethene	79-01-6	ug/L	3/14/2006	ND	
MW-21	d	Benzene	71-43-2	ug/L	3/14/2006	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	3/14/2006	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	3/14/2006	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/14/2006	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/14/2006	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	3/14/2006	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	3/14/2006	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	3/14/2006	ND	
MW-29	d	Benzene	71-43-2	ug/L	3/14/2006		3.6
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	3/14/2006		0.8
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	3/14/2006	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/14/2006		48.6
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/14/2006		2
MW-29	d	Tetrachloroethene	127-18-4	ug/L	3/14/2006		4.6
MW-29	d	Trichloroethene	79-01-6	ug/L	3/14/2006		8
MW-29	d	Vinyl Chloride	75-01-4	ug/L	3/14/2006		6.6
MW-29	d	Sulfide	18496-25-8	mg/L	3/14/2006	ND	
MW-30R	d	Benzene	71-43-2	ug/L	3/14/2006		0.7
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	3/14/2006	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	3/14/2006	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/14/2006		58
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/14/2006		2.1
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	3/14/2006	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	3/14/2006		5.3
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	3/14/2006		7.6
MW-31R	d	Benzene	71-43-2	ug/L	3/14/2006	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	3/14/2006	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	3/14/2006	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/14/2006	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/14/2006	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	3/14/2006	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	3/14/2006	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	3/14/2006	ND	
MW-39	d	Benzene	71-43-2	ug/L	3/14/2006	ND	
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	3/14/2006	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	3/14/2006	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	3/14/2006	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/14/2006	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/14/2006	ND	
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/14/2006	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	3/14/2006	ND	
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/14/2006	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	3/14/2006	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	3/14/2006	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Benzene	71-43-2	ug/L	6/26/2006		3.2
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	6/26/2006	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	6/26/2006	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/26/2006		33.1
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/26/2006		2.4
MW-29	d	Tetrachloroethene	127-18-4	ug/L	6/26/2006		2.9
MW-29	d	Trichloroethene	79-01-6	ug/L	6/26/2006		5.6
MW-29	d	Vinyl Chloride	75-01-4	ug/L	6/26/2006		5
MW-29	d	Sulfide	18496-25-8	mg/L	6/26/2006	ND	
MW-30R	d	Benzene	71-43-2	ug/L	6/26/2006		0.6
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	6/26/2006	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	6/26/2006	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/26/2006		56.8
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/26/2006		2.8
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	6/26/2006	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	6/26/2006		5.4
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	6/26/2006		8.4
MW-21	d	Benzene	71-43-2	ug/L	9/5/2006	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	9/5/2006	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	9/5/2006	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/5/2006	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/5/2006	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	9/5/2006	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	9/5/2006	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	9/5/2006	ND	
MW-29	d	Benzene	71-43-2	ug/L	9/5/2006		3.5
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	9/5/2006		0.9
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	9/5/2006	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/5/2006		29.4
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/5/2006		1.9
MW-29	d	Tetrachloroethene	127-18-4	ug/L	9/5/2006		2.4
MW-29	d	Trichloroethene	79-01-6	ug/L	9/5/2006		5.5
MW-29	d	Vinyl Chloride	75-01-4	ug/L	9/5/2006		4.9
MW-29	d	Sulfide	18496-25-8	mg/L	9/5/2006	ND	
MW-30R	d	Benzene	71-43-2	ug/L	9/5/2006		0.6
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	9/5/2006	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	9/5/2006	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/5/2006		52.8
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/5/2006		2.1
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	9/5/2006	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	9/5/2006		5.1
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	9/5/2006		7.7
MW-31R	d	Benzene	71-43-2	ug/L	9/5/2006	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	9/5/2006	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	9/5/2006	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/5/2006	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/5/2006	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	9/5/2006	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	9/5/2006	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	9/5/2006	ND	
MW-39	d	Benzene	71-43-2	ug/L	9/5/2006	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	9/5/2006	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	9/5/2006	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/5/2006	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/5/2006	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	9/5/2006	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	9/5/2006	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	9/5/2006	ND	
MW-29	d	Benzene	71-43-2	ug/L	1/2/2007		3.8
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	1/2/2007	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	1/2/2007	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/2/2007		31.1
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/2/2007		2
MW-29	d	Tetrachloroethene	127-18-4	ug/L	1/2/2007		1.7
MW-29	d	Trichloroethene	79-01-6	ug/L	1/2/2007		8.2
MW-29	d	Vinyl Chloride	75-01-4	ug/L	1/2/2007		6.8
MW-29	d	Sulfide	18496-25-8	mg/L	1/2/2007	ND	
MW-30R	d	Benzene	71-43-2	ug/L	1/2/2007		0.7
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	1/2/2007	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	1/2/2007	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/2/2007		50.5
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/2/2007		2.4
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	1/2/2007	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	1/2/2007		4.8
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	1/2/2007		6.8
MW-21	d	Benzene	71-43-2	ug/L	3/9/2007	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	3/9/2007	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	3/9/2007	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/9/2007	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	3/9/2007		0.5
MW-21	d	Trichloroethene	79-01-6	ug/L	3/9/2007	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	3/9/2007	ND	
MW-29	d	Benzene	71-43-2	ug/L	3/9/2007		4.4
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	3/9/2007		0.8
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	3/9/2007	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/9/2007		28.2
MW-29	d	Tetrachloroethene	127-18-4	ug/L	3/9/2007		2.5

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Trichloroethene	79-01-6	ug/L	3/9/2007		4.1
MW-29	d	Vinyl Chloride	75-01-4	ug/L	3/9/2007	ND	
MW-29	d	Sulfide	18496-25-8	mg/L	3/9/2007	ND	
MW-30R	d	Benzene	71-43-2	ug/L	3/9/2007		0.7
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	3/9/2007	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	3/9/2007		0.3
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/9/2007		46.7
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	3/9/2007		0.3
MW-30R	d	Trichloroethene	79-01-6	ug/L	3/9/2007		4.2
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	3/9/2007		7.3
MW-31R	d	Benzene	71-43-2	ug/L	3/9/2007	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	3/9/2007	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	3/9/2007	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/9/2007	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	3/9/2007	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	3/9/2007	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	3/9/2007		0.7
MW-39	d	Benzene	71-43-2	ug/L	3/9/2007	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	3/9/2007	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	3/9/2007	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/9/2007	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/9/2007	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	3/9/2007	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	3/9/2007	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	3/9/2007		0.2
MW-29	d	Benzene	71-43-2	ug/L	6/25/2007		3.5
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	6/25/2007	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	6/25/2007	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/25/2007		18.1
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/25/2007	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	6/25/2007	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	6/25/2007		5.4
MW-29	d	Vinyl Chloride	75-01-4	ug/L	6/25/2007		5.9
MW-29	d	Sulfide	18496-25-8	mg/L	6/25/2007	ND	
MW-30R	d	Benzene	71-43-2	ug/L	6/25/2007		0.6
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	6/25/2007	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	6/25/2007	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/25/2007		48.9
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/25/2007		1.7
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	6/25/2007	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	6/25/2007		5.1
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	6/25/2007		7.1
MW-21	d	Benzene	71-43-2	ug/L	9/11/2007	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	9/11/2007	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	9/11/2007	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/11/2007	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	9/11/2007	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	9/11/2007	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	9/11/2007	ND	
MW-29	d	Benzene	71-43-2	ug/L	9/11/2007		4.7
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	9/11/2007	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	9/11/2007	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/11/2007		17.2
MW-29	d	Tetrachloroethene	127-18-4	ug/L	9/11/2007	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	9/11/2007		5.1
MW-29	d	Vinyl Chloride	75-01-4	ug/L	9/11/2007		5.8
MW-29	d	Sulfide	18496-25-8	mg/L	9/11/2007	ND	
MW-30R	d	Benzene	71-43-2	ug/L	9/11/2007		0.7
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	9/11/2007	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	9/11/2007	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/11/2007		52
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	9/11/2007	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	9/11/2007		4.3
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	9/11/2007		6.6
MW-31R	d	Benzene	71-43-2	ug/L	9/11/2007	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	9/11/2007	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	9/11/2007	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/11/2007	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	9/11/2007	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	9/11/2007	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	9/11/2007	ND	
MW-39	d	Benzene	71-43-2	ug/L	9/11/2007	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	9/11/2007	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	9/11/2007	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/11/2007	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/11/2007	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	9/11/2007	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	9/11/2007	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	9/11/2007		0.7
MW-29	d	Benzene	71-43-2	ug/L	12/12/2007		5.1
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	12/12/2007		0.7
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	12/12/2007	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/12/2007		17.2
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/12/2007		2.3
MW-29	d	Tetrachloroethene	127-18-4	ug/L	12/12/2007		0.4
MW-29	d	Trichloroethene	79-01-6	ug/L	12/12/2007		4.4
MW-29	d	Vinyl Chloride	75-01-4	ug/L	12/12/2007		3.4

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Sulfide	18496-25-8	mg/L	12/12/2007	ND	
MW-30R	d	Benzene	71-43-2	ug/L	12/12/2007		0.9
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	12/12/2007	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	12/12/2007	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/12/2007		67.4
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/12/2007		5.8
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	12/12/2007	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	12/12/2007		6.8
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	12/12/2007		9.5
MW-14R	d	Benzene	71-43-2	ug/L	3/3/2008	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	3/3/2008	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	3/3/2008	ND	
MW-14R	d	Trichloroethene	79-01-6	ug/L	3/3/2008	ND	
MW-21	d	Benzene	71-43-2	ug/L	3/3/2008	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	3/3/2008	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	3/3/2008	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/3/2008	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	3/3/2008	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	3/3/2008	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	3/3/2008	ND	
MW-29	d	Benzene	71-43-2	ug/L	3/3/2008		4.1
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	3/3/2008		0.8
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	3/3/2008	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/3/2008		18.6
MW-29	d	Tetrachloroethene	127-18-4	ug/L	3/3/2008		1.6
MW-29	d	Trichloroethene	79-01-6	ug/L	3/3/2008		2.9
MW-29	d	Vinyl Chloride	75-01-4	ug/L	3/3/2008		2.9
MW-29	d	Sulfide	18496-25-8	mg/L	3/3/2008	ND	
MW-30R	d	Benzene	71-43-2	ug/L	3/3/2008		0.7
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	3/3/2008	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	3/3/2008	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/3/2008		75.9
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	3/3/2008	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	3/3/2008		6.4
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	3/3/2008		10.5
MW-31R	d	Benzene	71-43-2	ug/L	3/3/2008	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	3/3/2008	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	3/3/2008	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/3/2008	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	3/3/2008	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	3/3/2008	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	3/3/2008		1.2
MW-39	d	Benzene	71-43-2	ug/L	3/3/2008	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	3/3/2008	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	3/3/2008	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/3/2008	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/3/2008	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	3/3/2008	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	3/3/2008	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	3/3/2008	ND	
MW-20	d	Antimony	7440-36-0	mg/L	8/14/2008	ND	
MW-20	d	Antimony	7440-36-0	mg/L	8/14/2008	ND	
MW-20	d	Arsenic	7440-38-2	mg/L	8/14/2008		0.0106
MW-20	d	Arsenic	7440-38-2	mg/L	8/14/2008		0.00877
MW-20	d	Barium	7440-39-3	mg/L	8/14/2008		0.352
MW-20	d	Barium	7440-39-3	mg/L	8/14/2008		0.354
MW-20	d	Beryllium	7440-41-7	mg/L	8/14/2008	ND	
MW-20	d	Beryllium	7440-41-7	mg/L	8/14/2008	ND	
MW-20	d	Cadmium	7440-43-9	mg/L	8/14/2008	ND	
MW-20	d	Cadmium	7440-43-9	mg/L	8/14/2008	ND	
MW-20	d	Chromium	7440-47-3	mg/L	8/14/2008	ND	
MW-20	d	Chromium	7440-47-3	mg/L	8/14/2008	ND	
MW-20	d	Cobalt	7440-48-4	mg/L	8/14/2008	NDX	
MW-20	d	Cobalt	7440-48-4	mg/L	8/14/2008	NDX	
MW-20	d	Copper	7440-50-8	mg/L	8/14/2008	ND	
MW-20	d	Copper	7440-50-8	mg/L	8/14/2008	ND	
MW-20	d	Lead	7439-92-1	mg/L	8/14/2008	ND	
MW-20	d	Lead	7439-92-1	mg/L	8/14/2008	ND	
MW-20	d	Nickel	7440-02-0	mg/L	8/14/2008	ND	
MW-20	d	Nickel	7440-02-0	mg/L	8/14/2008	ND	
MW-20	d	Selenium	7782-49-2	mg/L	8/14/2008	ND	
MW-20	d	Selenium	7782-49-2	mg/L	8/14/2008	ND	
MW-20	d	Silver	7440-22-4	mg/L	8/14/2008	ND	
MW-20	d	Silver	7440-22-4	mg/L	8/14/2008	ND	
MW-20	d	Thallium	7440-28-0	mg/L	8/14/2008	ND	
MW-20	d	Thallium	7440-28-0	mg/L	8/14/2008	ND	
MW-20	d	Vanadium	7440-62-2	mg/L	8/14/2008	ND	
MW-20	d	Vanadium	7440-62-2	mg/L	8/14/2008	ND	
MW-20	d	Zinc	7440-66-6	mg/L	8/14/2008	ND	
MW-20	d	Zinc	7440-66-6	mg/L	8/14/2008	ND	
MW-20	d	Mercury	7439-97-6	mg/L	8/14/2008	ND	
MW-20	d	Mercury	7439-97-6	mg/L	8/14/2008	ND	
MW-20	d	Tin	7440-31-5	mg/L	8/14/2008	ND	
MW-20	d	Tin	7440-31-5	mg/L	8/14/2008	ND	
MW-20	d	Acetone	67-64-1	ug/L	8/14/2008	ND	
MW-20	d	Acetone	67-64-1	ug/L	8/14/2008	ND	
MW-20	d	Acrylonitrile	107-13-1	ug/L	8/14/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-20	d	Acrylonitrile	107-13-1	ug/L	8/14/2008	ND	
MW-20	d	Benzene	71-43-2	ug/L	8/14/2008	ND	
MW-20	d	Benzene	71-43-2	ug/L	8/14/2008	ND	
MW-20	d	Bromochloromethane	74-97-5	ug/L	8/14/2008	ND	
MW-20	d	Bromochloromethane	74-97-5	ug/L	8/14/2008	ND	
MW-20	d	Bromodichloromethane	75-27-4	ug/L	8/14/2008	ND	
MW-20	d	Bromodichloromethane	75-27-4	ug/L	8/14/2008	ND	
MW-20	d	Bromoform	75-25-2	ug/L	8/14/2008	ND	
MW-20	d	Bromoform	75-25-2	ug/L	8/14/2008	ND	
MW-20	d	Carbon Disulfide	75-15-0	ug/L	8/14/2008	ND	
MW-20	d	Carbon Disulfide	75-15-0	ug/L	8/14/2008	ND	
MW-20	d	Carbon Tetrachloride	56-23-5	ug/L	8/14/2008	ND	
MW-20	d	Carbon Tetrachloride	56-23-5	ug/L	8/14/2008	ND	
MW-20	d	Chlorobenzene	108-90-7	ug/L	8/14/2008	ND	
MW-20	d	Chlorobenzene	108-90-7	ug/L	8/14/2008	ND	
MW-20	d	Chloroethane	75-00-3	ug/L	8/14/2008	ND	
MW-20	d	Chloroethane	75-00-3	ug/L	8/14/2008	ND	
MW-20	d	Chloroform	67-66-3	ug/L	8/14/2008	ND	
MW-20	d	Chloroform	67-66-3	ug/L	8/14/2008	ND	
MW-20	d	Chlorodibromomethane	124-48-1	ug/L	8/14/2008	ND	
MW-20	d	Chlorodibromomethane	124-48-1	ug/L	8/14/2008	ND	
MW-20	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/14/2008	ND	
MW-20	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/14/2008	ND	
MW-20	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/14/2008	ND	
MW-20	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/14/2008	ND	
MW-20	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/14/2008	ND	
MW-20	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/14/2008	ND	
MW-20	d	1,1-Dichloroethane	75-34-3	ug/L	8/14/2008	ND	
MW-20	d	1,1-Dichloroethane	75-34-3	ug/L	8/14/2008	ND	
MW-20	d	1,2-Dichloroethane	107-06-2	ug/L	8/14/2008	ND	
MW-20	d	1,2-Dichloroethane	107-06-2	ug/L	8/14/2008	ND	
MW-20	d	1,1-Dichloroethene	75-35-4	ug/L	8/14/2008	ND	
MW-20	d	1,1-Dichloroethene	75-35-4	ug/L	8/14/2008	ND	
MW-20	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/14/2008	ND	
MW-20	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/14/2008	ND	
MW-20	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/14/2008	ND	
MW-20	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/14/2008	ND	
MW-20	d	1,2-Dichloropropane	78-87-5	ug/L	8/14/2008	ND	
MW-20	d	1,2-Dichloropropane	78-87-5	ug/L	8/14/2008	ND	
MW-20	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/14/2008	ND	
MW-20	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/14/2008	ND	
MW-20	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/14/2008	ND	
MW-20	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/14/2008	ND	
MW-20	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/14/2008	ND	
MW-20	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/14/2008	ND	
MW-20	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/14/2008	ND	
MW-20	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/14/2008	ND	
MW-20	d	Ethylbenzene	100-41-4	ug/L	8/14/2008	ND	
MW-20	d	Ethylbenzene	100-41-4	ug/L	8/14/2008	ND	
MW-20	d	2-Hexanone	591-78-6	ug/L	8/14/2008	ND	
MW-20	d	2-Hexanone	591-78-6	ug/L	8/14/2008	ND	
MW-20	d	Bromomethane	74-83-9	ug/L	8/14/2008	ND	
MW-20	d	Bromomethane	74-83-9	ug/L	8/14/2008	ND	
MW-20	d	Chloromethane	74-87-3	ug/L	8/14/2008	ND	
MW-20	d	Chloromethane	74-87-3	ug/L	8/14/2008	ND	
MW-20	d	2-Butanone	78-93-3	ug/L	8/14/2008	ND	
MW-20	d	2-Butanone	78-93-3	ug/L	8/14/2008	ND	
MW-20	d	Iodomethane	74-88-4	ug/L	8/14/2008	ND	
MW-20	d	Iodomethane	74-88-4	ug/L	8/14/2008	ND	
MW-20	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/14/2008	ND	
MW-20	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/14/2008	ND	
MW-20	d	Methylene Chloride	75-09-2	ug/L	8/14/2008	ND	
MW-20	d	Methylene Chloride	75-09-2	ug/L	8/14/2008	ND	
MW-20	d	Styrene	100-42-5	ug/L	8/14/2008	ND	
MW-20	d	Styrene	100-42-5	ug/L	8/14/2008	ND	
MW-20	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/14/2008	ND	
MW-20	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/14/2008	ND	
MW-20	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/14/2008	ND	
MW-20	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/14/2008	ND	
MW-20	d	Tetrachloroethene	127-18-4	ug/L	8/14/2008	ND	
MW-20	d	Tetrachloroethene	127-18-4	ug/L	8/14/2008	ND	
MW-20	d	Toluene	108-88-3	ug/L	8/14/2008	ND	
MW-20	d	Toluene	108-88-3	ug/L	8/14/2008	ND	
MW-20	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/14/2008	ND	
MW-20	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/14/2008	ND	
MW-20	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/14/2008	ND	
MW-20	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/14/2008	ND	
MW-20	d	Trichloroethene	79-01-6	ug/L	8/14/2008	ND	
MW-20	d	Trichloroethene	79-01-6	ug/L	8/14/2008	ND	
MW-20	d	Trichlorofluoromethane	75-69-4	ug/L	8/14/2008	ND	
MW-20	d	Trichlorofluoromethane	75-69-4	ug/L	8/14/2008	ND	
MW-20	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/14/2008	ND	
MW-20	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/14/2008	ND	
MW-20	d	Vinyl Acetate	108-05-4	ug/L	8/14/2008	ND	
MW-20	d	Vinyl Acetate	108-05-4	ug/L	8/14/2008	ND	
MW-20	d	Vinyl Chloride	75-01-4	ug/L	8/14/2008	ND	
MW-20	d	Vinyl Chloride	75-01-4	ug/L	8/14/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-20	d	Xylenes, total	1330-20-7	ug/L	8/14/2008	ND	
MW-20	d	Xylenes, total	1330-20-7	ug/L	8/14/2008	ND	
MW-20	d	1,1-Dichloropropene	563-58-6	ug/L	8/14/2008	ND	
MW-20	d	1,1-Dichloropropene	563-58-6	ug/L	8/14/2008	ND	
MW-20	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	8/14/2008	ND	
MW-20	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	8/14/2008	ND	
MW-20	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	8/14/2008	ND	
MW-20	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	8/14/2008	ND	
MW-20	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	8/14/2008	ND	
MW-20	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	8/14/2008	ND	
MW-20	d	1,3-Dichlorobenzene	541-73-1	ug/L	8/14/2008	ND	
MW-20	d	1,3-Dichlorobenzene	541-73-1	ug/L	8/14/2008	ND	
MW-20	d	1,3-Dichloropropane	142-28-9	ug/L	8/14/2008	ND	
MW-20	d	1,3-Dichloropropane	142-28-9	ug/L	8/14/2008	ND	
MW-20	d	1,3-Dinitrobenzene	99-65-0	ug/L	8/14/2008	ND	
MW-20	d	1,3-Dinitrobenzene	99-65-0	ug/L	8/14/2008	ND	
MW-20	d	1,4-Naphthoquinone	130-15-4	ug/L	8/14/2008	ND	
MW-20	d	1,4-Naphthoquinone	130-15-4	ug/L	8/14/2008	ND	
MW-20	d	1,4-Phenylenediamine	106-50-3	ug/L	8/14/2008	ND	
MW-20	d	1,4-Phenylenediamine	106-50-3	ug/L	8/14/2008	ND	
MW-20	d	1-Naphthylamine	134-32-7	ug/L	8/14/2008	ND	
MW-20	d	1-Naphthylamine	134-32-7	ug/L	8/14/2008	ND	
MW-20	d	2,2-Dichloropropane	594-20-7	ug/L	8/14/2008	ND	
MW-20	d	2,2-Dichloropropane	594-20-7	ug/L	8/14/2008	ND	
MW-20	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	8/14/2008	ND	
MW-20	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	8/14/2008	ND	
MW-20	d	2,4,5-T [2C]	93-76-5	ug/L	8/14/2008	ND	
MW-20	d	2,4,5-T [2C]	93-76-5	ug/L	8/14/2008	ND	
MW-20	d	2,4,5-Trichlorophenol	95-95-4	ug/L	8/14/2008	ND	
MW-20	d	2,4,5-Trichlorophenol	95-95-4	ug/L	8/14/2008	ND	
MW-20	d	2,4,6-Trichlorophenol	88-06-2	ug/L	8/14/2008	ND	
MW-20	d	2,4,6-Trichlorophenol	88-06-2	ug/L	8/14/2008	ND	
MW-20	d	2,4-D [2C]	94-75-7	ug/L	8/14/2008	ND	
MW-20	d	2,4-D [2C]	94-75-7	ug/L	8/14/2008	ND	
MW-20	d	2,4-Dichlorophenol	120-83-2	ug/L	8/14/2008	ND	
MW-20	d	2,4-Dichlorophenol	120-83-2	ug/L	8/14/2008	ND	
MW-20	d	2,4-Dimethylphenol	105-67-9	ug/L	8/14/2008	ND	
MW-20	d	2,4-Dimethylphenol	105-67-9	ug/L	8/14/2008	ND	
MW-20	d	2,4-Dinitrophenol	51-28-5	ug/L	8/14/2008	ND	
MW-20	d	2,4-Dinitrophenol	51-28-5	ug/L	8/14/2008	ND	
MW-20	d	2,4-Dinitrotoluene	121-14-2	ug/L	8/14/2008	ND	
MW-20	d	2,4-Dinitrotoluene	121-14-2	ug/L	8/14/2008	ND	
MW-20	d	2,6-Dichlorophenol	87-65-0	ug/L	8/14/2008	ND	
MW-20	d	2,6-Dichlorophenol	87-65-0	ug/L	8/14/2008	ND	
MW-20	d	2,6-Dinitrotoluene	606-20-2	ug/L	8/14/2008	ND	
MW-20	d	2,6-Dinitrotoluene	606-20-2	ug/L	8/14/2008	ND	
MW-20	d	2-Acetylaminofluorene	53-96-3	ug/L	8/14/2008	ND	
MW-20	d	2-Acetylaminofluorene	53-96-3	ug/L	8/14/2008	ND	
MW-20	d	2-Chloronaphthalene	91-58-7	ug/L	8/14/2008	ND	
MW-20	d	2-Chloronaphthalene	91-58-7	ug/L	8/14/2008	ND	
MW-20	d	2-Chlorophenol	95-57-8	ug/L	8/14/2008	ND	
MW-20	d	2-Chlorophenol	95-57-8	ug/L	8/14/2008	ND	
MW-20	d	2-Methylnaphthalene	91-57-6	ug/L	8/14/2008	ND	
MW-20	d	2-Methylnaphthalene	91-57-6	ug/L	8/14/2008	ND	
MW-20	d	2-Methylphenol	95-48-7	ug/L	8/14/2008	ND	
MW-20	d	2-Methylphenol	95-48-7	ug/L	8/14/2008	ND	
MW-20	d	2-Naphthylamine	91-59-8	ug/L	8/14/2008	ND	
MW-20	d	2-Naphthylamine	91-59-8	ug/L	8/14/2008	ND	
MW-20	d	2-Nitroaniline	88-74-4	ug/L	8/14/2008	ND	
MW-20	d	2-Nitroaniline	88-74-4	ug/L	8/14/2008	ND	
MW-20	d	2-Nitrophenol	88-75-5	ug/L	8/14/2008	ND	
MW-20	d	2-Nitrophenol	88-75-5	ug/L	8/14/2008	ND	
MW-20	d	3,3-Dichlorobenzidine	91-94-1	ug/L	8/14/2008	ND	
MW-20	d	3,3-Dichlorobenzidine	91-94-1	ug/L	8/14/2008	ND	
MW-20	d	3,3-Dimethylbenzidine	119-93-7	ug/L	8/14/2008	ND	
MW-20	d	3,3-Dimethylbenzidine	119-93-7	ug/L	8/14/2008	ND	
MW-20	d	3/4-Methylphenol	T-34MP	ug/L	8/14/2008	ND	
MW-20	d	3/4-Methylphenol	T-34MP	ug/L	8/14/2008	ND	
MW-20	d	3-Methylcholanthrene	56-49-5	ug/L	8/14/2008	ND	
MW-20	d	3-Methylcholanthrene	56-49-5	ug/L	8/14/2008	ND	
MW-20	d	3-Nitroaniline	99-09-2	ug/L	8/14/2008	ND	
MW-20	d	3-Nitroaniline	99-09-2	ug/L	8/14/2008	ND	
MW-20	d	4,4`-DDD	72-54-8	ug/L	8/14/2008	ND	
MW-20	d	4,4`-DDD	72-54-8	ug/L	8/14/2008	ND	
MW-20	d	4,4`-DDE	72-55-9	ug/L	8/14/2008	ND	
MW-20	d	4,4`-DDE	72-55-9	ug/L	8/14/2008	ND	
MW-20	d	4,4`-DDT	50-29-3	ug/L	8/14/2008	ND	
MW-20	d	4,4`-DDT	50-29-3	ug/L	8/14/2008	ND	
MW-20	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	8/14/2008	ND	
MW-20	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	8/14/2008	ND	
MW-20	d	4-Aminobiphenyl	92-67-1	ug/L	8/14/2008	ND	
MW-20	d	4-Aminobiphenyl	92-67-1	ug/L	8/14/2008	ND	
MW-20	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	8/14/2008	ND	
MW-20	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	8/14/2008	ND	
MW-20	d	4-Chloro-3-methylphenol	59-50-7	ug/L	8/14/2008	ND	
MW-20	d	4-Chloro-3-methylphenol	59-50-7	ug/L	8/14/2008	ND	
MW-20	d	4-Chloroaniline	106-47-8	ug/L	8/14/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-20	d	4-Chloroaniline	106-47-8	ug/L	8/14/2008	ND	
MW-20	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	8/14/2008	ND	
MW-20	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	8/14/2008	ND	
MW-20	d	4-Nitroaniline	100-01-6	ug/L	8/14/2008	ND	
MW-20	d	4-Nitroaniline	100-01-6	ug/L	8/14/2008	ND	
MW-20	d	4-Nitrophenol	100-02-7	ug/L	8/14/2008	ND	
MW-20	d	4-Nitrophenol	100-02-7	ug/L	8/14/2008	ND	
MW-20	d	5-Nitro-o-toluidine	99-55-8	ug/L	8/14/2008	ND	
MW-20	d	5-Nitro-o-toluidine	99-55-8	ug/L	8/14/2008	ND	
MW-20	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	8/14/2008	ND	
MW-20	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	8/14/2008	ND	
MW-20	d	Acenaphthene	83-32-9	ug/L	8/14/2008	ND	
MW-20	d	Acenaphthene	83-32-9	ug/L	8/14/2008	ND	
MW-20	d	Acenaphthylene	208-96-8	ug/L	8/14/2008	ND	
MW-20	d	Acenaphthylene	208-96-8	ug/L	8/14/2008	ND	
MW-20	d	Acetonitrile	75-05-8	ug/L	8/14/2008	ND	
MW-20	d	Acetonitrile	75-05-8	ug/L	8/14/2008	ND	
MW-20	d	Acetophenone	98-86-2	ug/L	8/14/2008	ND	
MW-20	d	Acetophenone	98-86-2	ug/L	8/14/2008	ND	
MW-20	d	Acrolein	107-02-8	ug/L	8/14/2008	ND	
MW-20	d	Acrolein	107-02-8	ug/L	8/14/2008	ND	
MW-20	d	Aldrin	309-00-2	ug/L	8/14/2008	ND	
MW-20	d	Aldrin	309-00-2	ug/L	8/14/2008	ND	
MW-20	d	3-Chloropropene	107-05-1	ug/L	8/14/2008	ND	
MW-20	d	3-Chloropropene	107-05-1	ug/L	8/14/2008	ND	
MW-20	d	Alpha-BHC	319-84-6	ug/L	8/14/2008	ND	
MW-20	d	Alpha-BHC	319-84-6	ug/L	8/14/2008	ND	
MW-20	d	Anthracene	120-12-7	ug/L	8/14/2008	ND	
MW-20	d	Anthracene	120-12-7	ug/L	8/14/2008	ND	
MW-20	d	Benzo [a] anthracene	56-55-3	ug/L	8/14/2008	ND	
MW-20	d	Benzo [a] anthracene	56-55-3	ug/L	8/14/2008	ND	
MW-20	d	Benzo [a] pyrene	50-32-8	ug/L	8/14/2008	ND	
MW-20	d	Benzo [a] pyrene	50-32-8	ug/L	8/14/2008	ND	
MW-20	d	Benzo [b] fluoranthene	205-99-2	ug/L	8/14/2008	ND	
MW-20	d	Benzo [b] fluoranthene	205-99-2	ug/L	8/14/2008	ND	
MW-20	d	Benzo [g,h,i] perylene	191-24-2	ug/L	8/14/2008	ND	
MW-20	d	Benzo [g,h,i] perylene	191-24-2	ug/L	8/14/2008	ND	
MW-20	d	Benzo [k] fluoranthene	207-08-9	ug/L	8/14/2008	ND	
MW-20	d	Benzo [k] fluoranthene	207-08-9	ug/L	8/14/2008	ND	
MW-20	d	Benzyl alcohol	100-51-6	ug/L	8/14/2008	ND	
MW-20	d	Benzyl alcohol	100-51-6	ug/L	8/14/2008	ND	
MW-20	d	Beta-BHC	319-85-7	ug/L	8/14/2008	ND	
MW-20	d	Beta-BHC	319-85-7	ug/L	8/14/2008	ND	
MW-20	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	8/14/2008	ND	
MW-20	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	8/14/2008	ND	
MW-20	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	8/14/2008	ND	
MW-20	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	8/14/2008	ND	
MW-20	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	8/14/2008	ND	
MW-20	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	8/14/2008	ND	
MW-20	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	8/14/2008	ND	
MW-20	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	8/14/2008	ND	
MW-20	d	Butyl benzyl phthalate	85-68-7	ug/L	8/14/2008	ND	
MW-20	d	Butyl benzyl phthalate	85-68-7	ug/L	8/14/2008	ND	
MW-20	d	Chlorobenzilate	510-15-6	ug/L	8/14/2008	ND	
MW-20	d	Chlorobenzilate	510-15-6	ug/L	8/14/2008	ND	
MW-20	d	Chloroprene	126-99-8	ug/L	8/14/2008	ND	
MW-20	d	Chloroprene	126-99-8	ug/L	8/14/2008	ND	
MW-20	d	Chrysene	218-01-9	ug/L	8/14/2008	ND	
MW-20	d	Chrysene	218-01-9	ug/L	8/14/2008	ND	
MW-20	d	Cyanide	57-12-5	mg/L	8/14/2008	ND	
MW-20	d	Cyanide	57-12-5	mg/L	8/14/2008	ND	
MW-20	d	Delta-BHC	319-86-8	ug/L	8/14/2008	ND	
MW-20	d	Delta-BHC	319-86-8	ug/L	8/14/2008	ND	
MW-20	d	Diallate [cis or trans]	2303-16-4	ug/L	8/14/2008	ND	
MW-20	d	Diallate [cis or trans]	2303-16-4	ug/L	8/14/2008	ND	
MW-20	d	Dibenz [a,h] anthracene	53-70-3	ug/L	8/14/2008	ND	
MW-20	d	Dibenz [a,h] anthracene	53-70-3	ug/L	8/14/2008	ND	
MW-20	d	Dibenzofuran	132-64-9	ug/L	8/14/2008	ND	
MW-20	d	Dibenzofuran	132-64-9	ug/L	8/14/2008	ND	
MW-20	d	Dichlorodifluoromethane	75-71-8	ug/L	8/14/2008	ND	
MW-20	d	Dichlorodifluoromethane	75-71-8	ug/L	8/14/2008	ND	
MW-20	d	Dieldrin	60-57-1	ug/L	8/14/2008	ND	
MW-20	d	Dieldrin	60-57-1	ug/L	8/14/2008	ND	
MW-20	d	Diethyl phthalate	84-66-2	ug/L	8/14/2008	ND	
MW-20	d	Diethyl phthalate	84-66-2	ug/L	8/14/2008	ND	
MW-20	d	Dimethoate	60-51-5	ug/L	8/14/2008	ND	
MW-20	d	Dimethoate	60-51-5	ug/L	8/14/2008	ND	
MW-20	d	Dimethyl phthalate	131-11-3	ug/L	8/14/2008	ND	
MW-20	d	Dimethyl phthalate	131-11-3	ug/L	8/14/2008	ND	
MW-20	d	Di-n-butyl phthalate	84-74-2	ug/L	8/14/2008	ND	
MW-20	d	Di-n-butyl phthalate	84-74-2	ug/L	8/14/2008	ND	
MW-20	d	Di-n-octyl phthalate	117-84-0	ug/L	8/14/2008	ND	
MW-20	d	Di-n-octyl phthalate	117-84-0	ug/L	8/14/2008	ND	
MW-20	d	Dinoseb	88-85-7	ug/L	8/14/2008	ND	
MW-20	d	Dinoseb	88-85-7	ug/L	8/14/2008	ND	
MW-20	d	Diphenylamine	122-39-4	ug/L	8/14/2008	ND	
MW-20	d	Diphenylamine	122-39-4	ug/L	8/14/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-20	d	Disulfoton	298-04-4	ug/L	8/14/2008	ND	
MW-20	d	Disulfoton	298-04-4	ug/L	8/14/2008	ND	
MW-20	d	Endosulfan I	959-98-8	ug/L	8/14/2008	ND	
MW-20	d	Endosulfan I	959-98-8	ug/L	8/14/2008	ND	
MW-20	d	Endosulfan II	33213-65-9	ug/L	8/14/2008	ND	
MW-20	d	Endosulfan II	33213-65-9	ug/L	8/14/2008	ND	
MW-20	d	Endosulfan sulfate	1031-07-8	ug/L	8/14/2008	ND	
MW-20	d	Endosulfan sulfate	1031-07-8	ug/L	8/14/2008	ND	
MW-20	d	Endrin	72-20-8	ug/L	8/14/2008	ND	
MW-20	d	Endrin	72-20-8	ug/L	8/14/2008	ND	
MW-20	d	Endrin aldehyde	7421-93-4	ug/L	8/14/2008	ND	
MW-20	d	Endrin aldehyde	7421-93-4	ug/L	8/14/2008	ND	
MW-20	d	Ethyl Methacrylate	97-63-2	ug/L	8/14/2008	ND	
MW-20	d	Ethyl Methacrylate	97-63-2	ug/L	8/14/2008	ND	
MW-20	d	Ethyl Methanesulfonate	62-50-0	ug/L	8/14/2008	ND	
MW-20	d	Ethyl Methanesulfonate	62-50-0	ug/L	8/14/2008	ND	
MW-20	d	Famphur	52-85-7	ug/L	8/14/2008	ND	
MW-20	d	Famphur	52-85-7	ug/L	8/14/2008	ND	
MW-20	d	Fluoranthene	206-44-0	ug/L	8/14/2008	ND	
MW-20	d	Fluoranthene	206-44-0	ug/L	8/14/2008	ND	
MW-20	d	Fluorene	86-73-7	ug/L	8/14/2008	ND	
MW-20	d	Fluorene	86-73-7	ug/L	8/14/2008	ND	
MW-20	d	Gamma-BHC [Lindane]	58-89-9	ug/L	8/14/2008	ND	
MW-20	d	Gamma-BHC [Lindane]	58-89-9	ug/L	8/14/2008	ND	
MW-20	d	Heptachlor	76-44-8	ug/L	8/14/2008	ND	
MW-20	d	Heptachlor	76-44-8	ug/L	8/14/2008	ND	
MW-20	d	Heptachlor Epoxide	1024-57-3	ug/L	8/14/2008	ND	
MW-20	d	Heptachlor Epoxide	1024-57-3	ug/L	8/14/2008	ND	
MW-20	d	Hexachlorobenzene	118-74-1	ug/L	8/14/2008	ND	
MW-20	d	Hexachlorobenzene	118-74-1	ug/L	8/14/2008	ND	
MW-20	d	Hexachlorobutadiene	87-68-3	ug/L	8/14/2008	ND	
MW-20	d	Hexachlorobutadiene	87-68-3	ug/L	8/14/2008	ND	
MW-20	d	Hexachlorocyclopentadiene	77-47-4	ug/L	8/14/2008	ND	
MW-20	d	Hexachlorocyclopentadiene	77-47-4	ug/L	8/14/2008	ND	
MW-20	d	Hexachloroethane	67-72-1	ug/L	8/14/2008	ND	
MW-20	d	Hexachloroethane	67-72-1	ug/L	8/14/2008	ND	
MW-20	d	Hexachloropropene	1888-71-7	ug/L	8/14/2008	ND	
MW-20	d	Hexachloropropene	1888-71-7	ug/L	8/14/2008	ND	
MW-20	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	8/14/2008	ND	
MW-20	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	8/14/2008	ND	
MW-20	d	Isobutanol	78-83-1	mg/L	8/14/2008	ND	
MW-20	d	Isobutanol	78-83-1	mg/L	8/14/2008	ND	
MW-20	d	Isodrin	465-73-6	ug/L	8/14/2008	ND	
MW-20	d	Isodrin	465-73-6	ug/L	8/14/2008	ND	
MW-20	d	Isophorone	78-59-1	ug/L	8/14/2008	ND	
MW-20	d	Isophorone	78-59-1	ug/L	8/14/2008	ND	
MW-20	d	Isosafrole	120-58-1	ug/L	8/14/2008	ND	
MW-20	d	Isosafrole	120-58-1	ug/L	8/14/2008	ND	
MW-20	d	Kepone	143-50-0	ug/L	8/14/2008	ND	
MW-20	d	Kepone	143-50-0	ug/L	8/14/2008	ND	
MW-20	d	Methacrylonitrile	126-98-7	ug/L	8/14/2008	ND	
MW-20	d	Methacrylonitrile	126-98-7	ug/L	8/14/2008	ND	
MW-20	d	Methapyrilene	91-80-5	ug/L	8/14/2008	ND	
MW-20	d	Methapyrilene	91-80-5	ug/L	8/14/2008	ND	
MW-20	d	Methoxychlor	72-43-5	ug/L	8/14/2008	ND	
MW-20	d	Methoxychlor	72-43-5	ug/L	8/14/2008	ND	
MW-20	d	Methyl Methacrylate	80-62-6	ug/L	8/14/2008	ND	
MW-20	d	Methyl Methacrylate	80-62-6	ug/L	8/14/2008	ND	
MW-20	d	Methyl Methanesulfonate	66-27-3	ug/L	8/14/2008	ND	
MW-20	d	Methyl Methanesulfonate	66-27-3	ug/L	8/14/2008	ND	
MW-20	d	Naphthalene	91-20-3	ug/L	8/14/2008	ND	
MW-20	d	Naphthalene	91-20-3	ug/L	8/14/2008	ND	
MW-20	d	Nitrobenzene	98-95-3	ug/L	8/14/2008	ND	
MW-20	d	Nitrobenzene	98-95-3	ug/L	8/14/2008	ND	
MW-20	d	N-Nitrosodiethylamine	55-18-5	ug/L	8/14/2008	ND	
MW-20	d	N-Nitrosodiethylamine	55-18-5	ug/L	8/14/2008	ND	
MW-20	d	N-Nitrosodimethylamine	62-75-9	ug/L	8/14/2008	ND	
MW-20	d	N-Nitrosodimethylamine	62-75-9	ug/L	8/14/2008	ND	
MW-20	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	8/14/2008	ND	
MW-20	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	8/14/2008	ND	
MW-20	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	8/14/2008	ND	
MW-20	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	8/14/2008	ND	
MW-20	d	N-Nitrosodiphenylamine	86-30-6	ug/L	8/14/2008	ND	
MW-20	d	N-Nitrosodiphenylamine	86-30-6	ug/L	8/14/2008	ND	
MW-20	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	8/14/2008	ND	
MW-20	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	8/14/2008	ND	
MW-20	d	N-Nitrosopiperidine	100-75-4	ug/L	8/14/2008	ND	
MW-20	d	N-Nitrosopiperidine	100-75-4	ug/L	8/14/2008	ND	
MW-20	d	N-Nitrosopyrrolidine	930-55-2	ug/L	8/14/2008	ND	
MW-20	d	N-Nitrosopyrrolidine	930-55-2	ug/L	8/14/2008	ND	
MW-20	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	8/14/2008	ND	
MW-20	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	8/14/2008	ND	
MW-20	d	o-Toluidine	95-53-4	ug/L	8/14/2008	ND	
MW-20	d	o-Toluidine	95-53-4	ug/L	8/14/2008	ND	
MW-20	d	Dimethylaminoazobenzene	60-11-7	ug/L	8/14/2008	ND	
MW-20	d	Dimethylaminoazobenzene	60-11-7	ug/L	8/14/2008	ND	
MW-20	d	Parathion-Ethyl	56-38-2	ug/L	8/14/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-20	d	Parathion-Ethyl	56-38-2	ug/L	8/14/2008	ND	
MW-20	d	Parathion-Methyl	298-00-0	ug/L	8/14/2008	ND	
MW-20	d	Parathion-Methyl	298-00-0	ug/L	8/14/2008	ND	
MW-20	d	PCB-1016	12674-11-2	ug/L	8/14/2008	ND	
MW-20	d	PCB-1016	12674-11-2	ug/L	8/14/2008	ND	
MW-20	d	PCB-1221	11104-28-2	ug/L	8/14/2008	ND	
MW-20	d	PCB-1221	11104-28-2	ug/L	8/14/2008	ND	
MW-20	d	PCB-1232	11141-16-5	ug/L	8/14/2008	ND	
MW-20	d	PCB-1232	11141-16-5	ug/L	8/14/2008	ND	
MW-20	d	PCB-1242	53469-21-9	ug/L	8/14/2008	ND	
MW-20	d	PCB-1242	53469-21-9	ug/L	8/14/2008	ND	
MW-20	d	PCB-1248	12672-29-6	ug/L	8/14/2008	ND	
MW-20	d	PCB-1248	12672-29-6	ug/L	8/14/2008	ND	
MW-20	d	PCB-1254	11097-69-1	ug/L	8/14/2008	ND	
MW-20	d	PCB-1254	11097-69-1	ug/L	8/14/2008	ND	
MW-20	d	PCB-1260	11096-82-5	ug/L	8/14/2008	ND	
MW-20	d	PCB-1260	11096-82-5	ug/L	8/14/2008	ND	
MW-20	d	Pentachlorobenzene	608-93-5	ug/L	8/14/2008	ND	
MW-20	d	Pentachlorobenzene	608-93-5	ug/L	8/14/2008	ND	
MW-20	d	Pentachloronitrobenzene	82-68-8	ug/L	8/14/2008	ND	
MW-20	d	Pentachloronitrobenzene	82-68-8	ug/L	8/14/2008	ND	
MW-20	d	Pentachlorophenol [2C]	87-86-5	ug/L	8/14/2008	ND	
MW-20	d	Pentachlorophenol [2C]	87-86-5	ug/L	8/14/2008	ND	
MW-20	d	Phenacetin	62-44-2	ug/L	8/14/2008	ND	
MW-20	d	Phenacetin	62-44-2	ug/L	8/14/2008	ND	
MW-20	d	Phenanthrene	85-01-8	ug/L	8/14/2008	ND	
MW-20	d	Phenanthrene	85-01-8	ug/L	8/14/2008	ND	
MW-20	d	Phenol	108-95-2	ug/L	8/14/2008	ND	
MW-20	d	Phenol	108-95-2	ug/L	8/14/2008	ND	
MW-20	d	Phorate	298-02-2	ug/L	8/14/2008	ND	
MW-20	d	Phorate	298-02-2	ug/L	8/14/2008	ND	
MW-20	d	Pronamide	23950-58-5	ug/L	8/14/2008	ND	
MW-20	d	Pronamide	23950-58-5	ug/L	8/14/2008	ND	
MW-20	d	Propionitrile	107-12-0	ug/L	8/14/2008	ND	
MW-20	d	Propionitrile	107-12-0	ug/L	8/14/2008	ND	
MW-20	d	Pyrene	129-00-0	ug/L	8/14/2008	ND	
MW-20	d	Pyrene	129-00-0	ug/L	8/14/2008	ND	
MW-20	d	Safrole	94-59-7	ug/L	8/14/2008	ND	
MW-20	d	Safrole	94-59-7	ug/L	8/14/2008	ND	
MW-20	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	8/14/2008	ND	
MW-20	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	8/14/2008	ND	
MW-20	d	Sulfide	18496-25-8	mg/L	8/14/2008	ND	
MW-20	d	Sulfide	18496-25-8	mg/L	8/14/2008	ND	
MW-20	d	Thionazin	297-97-2	ug/L	8/14/2008	ND	
MW-20	d	Thionazin	297-97-2	ug/L	8/14/2008	ND	
MW-20	d	Toxaphene	8001-35-2	ug/L	8/14/2008	ND	
MW-20	d	Toxaphene	8001-35-2	ug/L	8/14/2008	ND	
MW-20	d	Methylene Bromide	74-95-3	ug/L	8/14/2008	ND	
MW-20	d	Methylene Bromide	74-95-3	ug/L	8/14/2008	ND	
MW-20	d	PCB-1268	11100-14-4	ug/L	8/14/2008	ND	
MW-20	d	PCB-1268	11100-14-4	ug/L	8/14/2008	ND	
MW-20	d	Alpha-Chlordane	5103-71-9	ug/L	8/14/2008	ND	
MW-20	d	Alpha-Chlordane	5103-71-9	ug/L	8/14/2008	ND	
MW-20	d	Endrin ketone	53494-70-5	ug/L	8/14/2008	ND	
MW-20	d	Endrin ketone	53494-70-5	ug/L	8/14/2008	ND	
MW-20	d	Gamma-Chlordane	5566-34-7	ug/L	8/14/2008	ND	
MW-20	d	Gamma-Chlordane	5566-34-7	ug/L	8/14/2008	ND	
MW-20	d	Pentachloroethane	76-01-7	ug/L	8/14/2008	ND	
MW-20	d	Pentachloroethane	76-01-7	ug/L	8/14/2008	ND	
MW-20	d	Pyridine	110-86-1	ug/L	8/14/2008	ND	
MW-20	d	Pyridine	110-86-1	ug/L	8/14/2008	ND	
MW-21	d	Antimony	7440-36-0	mg/L	8/14/2008	ND	
MW-21	d	Arsenic	7440-38-2	mg/L	8/14/2008		0.00982
MW-21	d	Barium	7440-39-3	mg/L	8/14/2008		0.689
MW-21	d	Beryllium	7440-41-7	mg/L	8/14/2008	ND	
MW-21	d	Cadmium	7440-43-9	mg/L	8/14/2008	ND	
MW-21	d	Chromium	7440-47-3	mg/L	8/14/2008	ND	
MW-21	d	Cobalt	7440-48-4	mg/L	8/14/2008	NDX	
MW-21	d	Copper	7440-50-8	mg/L	8/14/2008	ND	
MW-21	d	Lead	7439-92-1	mg/L	8/14/2008	ND	
MW-21	d	Nickel	7440-02-0	mg/L	8/14/2008	ND	
MW-21	d	Selenium	7782-49-2	mg/L	8/14/2008	ND	
MW-21	d	Silver	7440-22-4	mg/L	8/14/2008	ND	
MW-21	d	Thallium	7440-28-0	mg/L	8/14/2008	ND	
MW-21	d	Vanadium	7440-62-2	mg/L	8/14/2008	ND	
MW-21	d	Zinc	7440-66-6	mg/L	8/14/2008		0.042
MW-21	d	Mercury	7439-97-6	mg/L	8/14/2008	ND	
MW-21	d	Tin	7440-31-5	mg/L	8/14/2008	ND	
MW-21	d	Acetone	67-64-1	ug/L	8/14/2008	ND	
MW-21	d	Acrylonitrile	107-13-1	ug/L	8/14/2008	ND	
MW-21	d	Benzene	71-43-2	ug/L	8/14/2008	ND	
MW-21	d	Bromochloromethane	74-97-5	ug/L	8/14/2008	ND	
MW-21	d	Bromodichloromethane	75-27-4	ug/L	8/14/2008	ND	
MW-21	d	Bromoform	75-25-2	ug/L	8/14/2008	ND	
MW-21	d	Carbon Disulfide	75-15-0	ug/L	8/14/2008	ND	
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	8/14/2008	ND	
MW-21	d	Chlorobenzene	108-90-7	ug/L	8/14/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-21	d	Chloroethane	75-00-3	ug/L	8/14/2008	ND	
MW-21	d	Chloroform	67-66-3	ug/L	8/14/2008	ND	
MW-21	d	Chlorodibromomethane	124-48-1	ug/L	8/14/2008	ND	
MW-21	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/14/2008	ND	
MW-21	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/14/2008	ND	
MW-21	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/14/2008	ND	
MW-21	d	1,1-Dichloroethane	75-34-3	ug/L	8/14/2008	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	8/14/2008	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	8/14/2008	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/14/2008	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/14/2008	ND	
MW-21	d	1,2-Dichloropropane	78-87-5	ug/L	8/14/2008	ND	
MW-21	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/14/2008	ND	
MW-21	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/14/2008	ND	
MW-21	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/14/2008	ND	
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/14/2008	ND	
MW-21	d	Ethylbenzene	100-41-4	ug/L	8/14/2008	ND	
MW-21	d	2-Hexanone	591-78-6	ug/L	8/14/2008	ND	
MW-21	d	Bromomethane	74-83-9	ug/L	8/14/2008	ND	
MW-21	d	Chloromethane	74-87-3	ug/L	8/14/2008	ND	
MW-21	d	2-Butanone	78-93-3	ug/L	8/14/2008	ND	
MW-21	d	Iodomethane	74-88-4	ug/L	8/14/2008	ND	
MW-21	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/14/2008	ND	
MW-21	d	Methylene Chloride	75-09-2	ug/L	8/14/2008	ND	
MW-21	d	Styrene	100-42-5	ug/L	8/14/2008	ND	
MW-21	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/14/2008	ND	
MW-21	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/14/2008	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	8/14/2008	ND	
MW-21	d	Toluene	108-88-3	ug/L	8/14/2008	ND	
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/14/2008	ND	
MW-21	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/14/2008	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	8/14/2008	ND	
MW-21	d	Trichlorofluoromethane	75-69-4	ug/L	8/14/2008	ND	
MW-21	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/14/2008	ND	
MW-21	d	Vinyl Acetate	108-05-4	ug/L	8/14/2008	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	8/14/2008	ND	
MW-21	d	Xylenes, total	1330-20-7	ug/L	8/14/2008	ND	
MW-21	d	1,1-Dichloropropene	563-58-6	ug/L	8/14/2008	ND	
MW-21	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	8/14/2008	ND	
MW-21	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	8/14/2008	ND	
MW-21	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	8/14/2008	ND	
MW-21	d	1,3-Dichlorobenzene	541-73-1	ug/L	8/14/2008	ND	
MW-21	d	1,3-Dichloropropane	142-28-9	ug/L	8/14/2008	ND	
MW-21	d	1,3-Dinitrobenzene	99-65-0	ug/L	8/14/2008	ND	
MW-21	d	1,4-Naphthoquinone	130-15-4	ug/L	8/14/2008	ND	
MW-21	d	1,4-Phenylenediamine	106-50-3	ug/L	8/14/2008	ND	
MW-21	d	1-Naphthylamine	134-32-7	ug/L	8/14/2008	ND	
MW-21	d	2,2-Dichloropropane	594-20-7	ug/L	8/14/2008	ND	
MW-21	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	8/14/2008	ND	
MW-21	d	2,4,5-T [2C]	93-76-5	ug/L	8/14/2008	ND	
MW-21	d	2,4,5-Trichlorophenol	95-95-4	ug/L	8/14/2008	ND	
MW-21	d	2,4,6-Trichlorophenol	88-06-2	ug/L	8/14/2008	ND	
MW-21	d	2,4-D [2C]	94-75-7	ug/L	8/14/2008	ND	
MW-21	d	2,4-Dichlorophenol	120-83-2	ug/L	8/14/2008	ND	
MW-21	d	2,4-Dimethylphenol	105-67-9	ug/L	8/14/2008	ND	
MW-21	d	2,4-Dinitrophenol	51-28-5	ug/L	8/14/2008	ND	
MW-21	d	2,4-Dinitrotoluene	121-14-2	ug/L	8/14/2008	ND	
MW-21	d	2,6-Dichlorophenol	87-65-0	ug/L	8/14/2008	ND	
MW-21	d	2,6-Dinitrotoluene	606-20-2	ug/L	8/14/2008	ND	
MW-21	d	2-Acetylaminofluorene	53-96-3	ug/L	8/14/2008	ND	
MW-21	d	2-Chloronaphthalene	91-58-7	ug/L	8/14/2008	ND	
MW-21	d	2-Chlorophenol	95-57-8	ug/L	8/14/2008	ND	
MW-21	d	2-Methylnaphthalene	91-57-6	ug/L	8/14/2008	ND	
MW-21	d	2-Methylphenol	95-48-7	ug/L	8/14/2008	ND	
MW-21	d	2-Naphthylamine	91-59-8	ug/L	8/14/2008	ND	
MW-21	d	2-Nitroaniline	88-74-4	ug/L	8/14/2008	ND	
MW-21	d	2-Nitrophenol	88-75-5	ug/L	8/14/2008	ND	
MW-21	d	3,3-Dichlorobenzidine	91-94-1	ug/L	8/14/2008	ND	
MW-21	d	3,3-Dimethylbenzidine	119-93-7	ug/L	8/14/2008	ND	
MW-21	d	3/4-Methylphenol	T-34MP	ug/L	8/14/2008	ND	
MW-21	d	3-Methylcholanthrene	56-49-5	ug/L	8/14/2008	ND	
MW-21	d	3-Nitroaniline	99-09-2	ug/L	8/14/2008	ND	
MW-21	d	4,4`-DDD	72-54-8	ug/L	8/14/2008	ND	
MW-21	d	4,4`-DDE	72-55-9	ug/L	8/14/2008	ND	
MW-21	d	4,4`-DDT	50-29-3	ug/L	8/14/2008	ND	
MW-21	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	8/14/2008	ND	
MW-21	d	4-Aminobiphenyl	92-67-1	ug/L	8/14/2008	ND	
MW-21	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	8/14/2008	ND	
MW-21	d	4-Chloro-3-methylphenol	59-50-7	ug/L	8/14/2008	ND	
MW-21	d	4-Chloroaniline	106-47-8	ug/L	8/14/2008	ND	
MW-21	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	8/14/2008	ND	
MW-21	d	4-Nitroaniline	100-01-6	ug/L	8/14/2008	ND	
MW-21	d	4-Nitrophenol	100-02-7	ug/L	8/14/2008	ND	
MW-21	d	5-Nitro-o-toluidine	99-55-8	ug/L	8/14/2008	ND	
MW-21	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	8/14/2008	ND	
MW-21	d	Acenaphthene	83-32-9	ug/L	8/14/2008	ND	
MW-21	d	Acenaphthylene	208-96-8	ug/L	8/14/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-21	d	Acetonitrile	75-05-8	ug/L	8/14/2008	ND	
MW-21	d	Acetophenone	98-86-2	ug/L	8/14/2008	ND	
MW-21	d	Acrolein	107-02-8	ug/L	8/14/2008	ND	
MW-21	d	Aldrin	309-00-2	ug/L	8/14/2008	ND	
MW-21	d	3-Chloropropene	107-05-1	ug/L	8/14/2008	ND	
MW-21	d	Alpha-BHC	319-84-6	ug/L	8/14/2008	ND	
MW-21	d	Anthracene	120-12-7	ug/L	8/14/2008	ND	
MW-21	d	Benzo [a] anthracene	56-55-3	ug/L	8/14/2008	ND	
MW-21	d	Benzo [a] pyrene	50-32-8	ug/L	8/14/2008	ND	
MW-21	d	Benzo [b] fluoranthene	205-99-2	ug/L	8/14/2008	ND	
MW-21	d	Benzo [g,h,i] perylene	191-24-2	ug/L	8/14/2008	ND	
MW-21	d	Benzo [k] fluoranthene	207-08-9	ug/L	8/14/2008	ND	
MW-21	d	Benzyl alcohol	100-51-6	ug/L	8/14/2008	ND	
MW-21	d	Beta-BHC	319-85-7	ug/L	8/14/2008	ND	
MW-21	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	8/14/2008	ND	
MW-21	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	8/14/2008	ND	
MW-21	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	8/14/2008	ND	
MW-21	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	8/14/2008	ND	
MW-21	d	Butyl benzyl phthalate	85-68-7	ug/L	8/14/2008	ND	
MW-21	d	Chlorobenzilate	510-15-6	ug/L	8/14/2008	ND	
MW-21	d	Chloroprene	126-99-8	ug/L	8/14/2008	ND	
MW-21	d	Chrysene	218-01-9	ug/L	8/14/2008	ND	
MW-21	d	Cyanide	57-12-5	mg/L	8/14/2008	ND	
MW-21	d	Delta-BHC	319-86-8	ug/L	8/14/2008	ND	
MW-21	d	Diallate [cis or trans]	2303-16-4	ug/L	8/14/2008	ND	
MW-21	d	Dibenz [a,h] anthracene	53-70-3	ug/L	8/14/2008	ND	
MW-21	d	Dibenzofuran	132-64-9	ug/L	8/14/2008	ND	
MW-21	d	Dichlorodifluoromethane	75-71-8	ug/L	8/14/2008	ND	
MW-21	d	Dieldrin	60-57-1	ug/L	8/14/2008	ND	
MW-21	d	Diethyl phthalate	84-66-2	ug/L	8/14/2008	ND	
MW-21	d	Dimethoate	60-51-5	ug/L	8/14/2008	ND	
MW-21	d	Dimethyl phthalate	131-11-3	ug/L	8/14/2008	ND	
MW-21	d	Di-n-butyl phthalate	84-74-2	ug/L	8/14/2008	ND	
MW-21	d	Di-n-octyl phthalate	117-84-0	ug/L	8/14/2008	ND	
MW-21	d	Dinoseb	88-85-7	ug/L	8/14/2008	ND	
MW-21	d	Diphenylamine	122-39-4	ug/L	8/14/2008	ND	
MW-21	d	Disulfoton	298-04-4	ug/L	8/14/2008	ND	
MW-21	d	Endosulfan I	959-98-8	ug/L	8/14/2008	ND	
MW-21	d	Endosulfan II	33213-65-9	ug/L	8/14/2008	ND	
MW-21	d	Endosulfan sulfate	1031-07-8	ug/L	8/14/2008	ND	
MW-21	d	Endrin	72-20-8	ug/L	8/14/2008	ND	
MW-21	d	Endrin aldehyde	7421-93-4	ug/L	8/14/2008	ND	
MW-21	d	Ethyl Methacrylate	97-63-2	ug/L	8/14/2008	ND	
MW-21	d	Ethyl Methanesulfonate	62-50-0	ug/L	8/14/2008	ND	
MW-21	d	Famphur	52-85-7	ug/L	8/14/2008	ND	
MW-21	d	Fluoranthene	206-44-0	ug/L	8/14/2008	ND	
MW-21	d	Fluorene	86-73-7	ug/L	8/14/2008	ND	
MW-21	d	Gamma-BHC [Lindane]	58-89-9	ug/L	8/14/2008	ND	
MW-21	d	Heptachlor	76-44-8	ug/L	8/14/2008	ND	
MW-21	d	Heptachlor Epoxide	1024-57-3	ug/L	8/14/2008	ND	
MW-21	d	Hexachlorobenzene	118-74-1	ug/L	8/14/2008	ND	
MW-21	d	Hexachlorobutadiene	87-68-3	ug/L	8/14/2008	ND	
MW-21	d	Hexachlorocyclopentadiene	77-47-4	ug/L	8/14/2008	ND	
MW-21	d	Hexachloroethane	67-72-1	ug/L	8/14/2008	ND	
MW-21	d	Hexachloropropene	1888-71-7	ug/L	8/14/2008	ND	
MW-21	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	8/14/2008	ND	
MW-21	d	Isobutanol	78-83-1	mg/L	8/14/2008	ND	
MW-21	d	Isodrin	465-73-6	ug/L	8/14/2008	ND	
MW-21	d	Isophorone	78-59-1	ug/L	8/14/2008	ND	
MW-21	d	Isosafrole	120-58-1	ug/L	8/14/2008	ND	
MW-21	d	Kepone	143-50-0	ug/L	8/14/2008	ND	
MW-21	d	Methacrylonitrile	126-98-7	ug/L	8/14/2008	ND	
MW-21	d	Methapyrilene	91-80-5	ug/L	8/14/2008	ND	
MW-21	d	Methoxychlor	72-43-5	ug/L	8/14/2008	ND	
MW-21	d	Methyl Methacrylate	80-62-6	ug/L	8/14/2008	ND	
MW-21	d	Methyl Methanesulfonate	66-27-3	ug/L	8/14/2008	ND	
MW-21	d	Naphthalene	91-20-3	ug/L	8/14/2008	ND	
MW-21	d	Nitrobenzene	98-95-3	ug/L	8/14/2008	ND	
MW-21	d	N-Nitrosodiethylamine	55-18-5	ug/L	8/14/2008	ND	
MW-21	d	N-Nitrosodimethylamine	62-75-9	ug/L	8/14/2008	ND	
MW-21	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	8/14/2008	ND	
MW-21	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	8/14/2008	ND	
MW-21	d	N-Nitrosodiphenylamine	86-30-6	ug/L	8/14/2008	ND	
MW-21	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	8/14/2008	ND	
MW-21	d	N-Nitrosopiperidine	100-75-4	ug/L	8/14/2008	ND	
MW-21	d	N-Nitrosopyrrolidine	930-55-2	ug/L	8/14/2008	ND	
MW-21	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	8/14/2008	ND	
MW-21	d	o-Toluidine	95-53-4	ug/L	8/14/2008	ND	
MW-21	d	Dimethylaminoazobenzene	60-11-7	ug/L	8/14/2008	ND	
MW-21	d	Parathion-Ethyl	56-38-2	ug/L	8/14/2008	ND	
MW-21	d	Parathion-Methyl	298-00-0	ug/L	8/14/2008	ND	
MW-21	d	PCB-1016	12674-11-2	ug/L	8/14/2008	ND	
MW-21	d	PCB-1221	11104-28-2	ug/L	8/14/2008	ND	
MW-21	d	PCB-1232	11141-16-5	ug/L	8/14/2008	ND	
MW-21	d	PCB-1242	53469-21-9	ug/L	8/14/2008	ND	
MW-21	d	PCB-1248	12672-29-6	ug/L	8/14/2008	ND	
MW-21	d	PCB-1254	11097-69-1	ug/L	8/14/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-21	d	PCB-1260	11096-82-5	ug/L	8/14/2008	ND	
MW-21	d	Pentachlorobenzene	608-93-5	ug/L	8/14/2008	ND	
MW-21	d	Pentachloronitrobenzene	82-68-8	ug/L	8/14/2008	ND	
MW-21	d	Pentachlorophenol [2C]	87-86-5	ug/L	8/14/2008	ND	
MW-21	d	Phenacetin	62-44-2	ug/L	8/14/2008	ND	
MW-21	d	Phenanthrene	85-01-8	ug/L	8/14/2008	ND	
MW-21	d	Phenol	108-95-2	ug/L	8/14/2008	ND	
MW-21	d	Phorate	298-02-2	ug/L	8/14/2008	ND	
MW-21	d	Pronamide	23950-58-5	ug/L	8/14/2008	ND	
MW-21	d	Propionitrile	107-12-0	ug/L	8/14/2008	ND	
MW-21	d	Pyrene	129-00-0	ug/L	8/14/2008	ND	
MW-21	d	Safrole	94-59-7	ug/L	8/14/2008	ND	
MW-21	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	8/14/2008	ND	
MW-21	d	Sulfide	18496-25-8	mg/L	8/14/2008	ND	
MW-21	d	Thionazin	297-97-2	ug/L	8/14/2008	ND	
MW-21	d	Toxaphene	8001-35-2	ug/L	8/14/2008	ND	
MW-21	d	Methylene Bromide	74-95-3	ug/L	8/14/2008	ND	
MW-21	d	PCB-1268	11100-14-4	ug/L	8/14/2008	ND	
MW-21	d	Alpha-Chlordane	5103-71-9	ug/L	8/14/2008	ND	
MW-21	d	Endrin ketone	53494-70-5	ug/L	8/14/2008	ND	
MW-21	d	Gamma-Chlordane	5566-34-7	ug/L	8/14/2008	ND	
MW-21	d	Pentachloroethane	76-01-7	ug/L	8/14/2008	ND	
MW-21	d	Pyridine	110-86-1	ug/L	8/14/2008	ND	
MW-22R	d	Antimony	7440-36-0	mg/L	8/14/2008	ND	
MW-22R	d	Arsenic	7440-38-2	mg/L	8/14/2008		0.00757
MW-22R	d	Barium	7440-39-3	mg/L	8/14/2008		0.79
MW-22R	d	Beryllium	7440-41-7	mg/L	8/14/2008	ND	
MW-22R	d	Cadmium	7440-43-9	mg/L	8/14/2008	ND	
MW-22R	d	Chromium	7440-47-3	mg/L	8/14/2008	ND	
MW-22R	d	Cobalt	7440-48-4	mg/L	8/14/2008	NDX	
MW-22R	d	Copper	7440-50-8	mg/L	8/14/2008	ND	
MW-22R	d	Lead	7439-92-1	mg/L	8/14/2008		0.00571
MW-22R	d	Nickel	7440-02-0	mg/L	8/14/2008	ND	
MW-22R	d	Selenium	7782-49-2	mg/L	8/14/2008	ND	
MW-22R	d	Silver	7440-22-4	mg/L	8/14/2008	ND	
MW-22R	d	Thallium	7440-28-0	mg/L	8/14/2008	ND	
MW-22R	d	Vanadium	7440-62-2	mg/L	8/14/2008	ND	
MW-22R	d	Zinc	7440-66-6	mg/L	8/14/2008		0.0492
MW-22R	d	Mercury	7439-97-6	mg/L	8/14/2008	ND	
MW-22R	d	Tin	7440-31-5	mg/L	8/14/2008	ND	
MW-22R	d	Acetone	67-64-1	ug/L	8/14/2008	ND	
MW-22R	d	Acrylonitrile	107-13-1	ug/L	8/14/2008	ND	
MW-22R	d	Benzene	71-43-2	ug/L	8/14/2008	ND	
MW-22R	d	Bromochloromethane	74-97-5	ug/L	8/14/2008	ND	
MW-22R	d	Bromodichloromethane	75-27-4	ug/L	8/14/2008	ND	
MW-22R	d	Bromoform	75-25-2	ug/L	8/14/2008	ND	
MW-22R	d	Carbon Disulfide	75-15-0	ug/L	8/14/2008	ND	
MW-22R	d	Carbon Tetrachloride	56-23-5	ug/L	8/14/2008	ND	
MW-22R	d	Chlorobenzene	108-90-7	ug/L	8/14/2008	ND	
MW-22R	d	Chloroethane	75-00-3	ug/L	8/14/2008	ND	
MW-22R	d	Chloroform	67-66-3	ug/L	8/14/2008	ND	
MW-22R	d	Chlorodibromomethane	124-48-1	ug/L	8/14/2008	ND	
MW-22R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/14/2008	ND	
MW-22R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/14/2008	ND	
MW-22R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/14/2008	ND	
MW-22R	d	1,1-Dichloroethane	75-34-3	ug/L	8/14/2008	ND	
MW-22R	d	1,2-Dichloroethane	107-06-2	ug/L	8/14/2008	ND	
MW-22R	d	1,1-Dichloroethene	75-35-4	ug/L	8/14/2008	ND	
MW-22R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/14/2008	ND	
MW-22R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/14/2008	ND	
MW-22R	d	1,2-Dichloropropane	78-87-5	ug/L	8/14/2008	ND	
MW-22R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/14/2008	ND	
MW-22R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/14/2008	ND	
MW-22R	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/14/2008	ND	
MW-22R	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/14/2008	ND	
MW-22R	d	Ethylbenzene	100-41-4	ug/L	8/14/2008	ND	
MW-22R	d	2-Hexanone	591-78-6	ug/L	8/14/2008	ND	
MW-22R	d	Bromomethane	74-83-9	ug/L	8/14/2008	ND	
MW-22R	d	Chloromethane	74-87-3	ug/L	8/14/2008	ND	
MW-22R	d	2-Butanone	78-93-3	ug/L	8/14/2008	ND	
MW-22R	d	Iodomethane	74-88-4	ug/L	8/14/2008	ND	
MW-22R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/14/2008	ND	
MW-22R	d	Methylene Chloride	75-09-2	ug/L	8/14/2008	ND	
MW-22R	d	Styrene	100-42-5	ug/L	8/14/2008	ND	
MW-22R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/14/2008	ND	
MW-22R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/14/2008	ND	
MW-22R	d	Tetrachloroethene	127-18-4	ug/L	8/14/2008	ND	
MW-22R	d	Toluene	108-88-3	ug/L	8/14/2008	ND	
MW-22R	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/14/2008	ND	
MW-22R	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/14/2008	ND	
MW-22R	d	Trichloroethene	79-01-6	ug/L	8/14/2008	ND	
MW-22R	d	Trichlorofluoromethane	75-69-4	ug/L	8/14/2008	ND	
MW-22R	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/14/2008	ND	
MW-22R	d	Vinyl Acetate	108-05-4	ug/L	8/14/2008	ND	
MW-22R	d	Vinyl Chloride	75-01-4	ug/L	8/14/2008	ND	
MW-22R	d	Xylenes, total	1330-20-7	ug/L	8/14/2008	ND	
MW-22R	d	1,1-Dichloropropene	563-58-6	ug/L	8/14/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-22R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	8/14/2008	ND	
MW-22R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	8/14/2008	ND	
MW-22R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	8/14/2008	ND	
MW-22R	d	1,3-Dichlorobenzene	541-73-1	ug/L	8/14/2008	ND	
MW-22R	d	1,3-Dichloropropane	142-28-9	ug/L	8/14/2008	ND	
MW-22R	d	1,3-Dinitrobenzene	99-65-0	ug/L	8/14/2008	ND	
MW-22R	d	1,4-Naphthoquinone	130-15-4	ug/L	8/14/2008	ND	
MW-22R	d	1,4-Phenylenediamine	106-50-3	ug/L	8/14/2008	ND	
MW-22R	d	1-Naphthylamine	134-32-7	ug/L	8/14/2008	ND	
MW-22R	d	2,2-Dichloropropane	594-20-7	ug/L	8/14/2008	ND	
MW-22R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	8/14/2008	ND	
MW-22R	d	2,4,5-T [2C]	93-76-5	ug/L	8/14/2008	ND	
MW-22R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	8/14/2008	ND	
MW-22R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	8/14/2008	ND	
MW-22R	d	2,4-D [2C]	94-75-7	ug/L	8/14/2008	ND	
MW-22R	d	2,4-Dichlorophenol	120-83-2	ug/L	8/14/2008	ND	
MW-22R	d	2,4-Dimethylphenol	105-67-9	ug/L	8/14/2008	ND	
MW-22R	d	2,4-Dinitrophenol	51-28-5	ug/L	8/14/2008	ND	
MW-22R	d	2,4-Dinitrotoluene	121-14-2	ug/L	8/14/2008	ND	
MW-22R	d	2,6-Dichlorophenol	87-65-0	ug/L	8/14/2008	ND	
MW-22R	d	2,6-Dinitrotoluene	606-20-2	ug/L	8/14/2008	ND	
MW-22R	d	2-Acetylaminofluorene	53-96-3	ug/L	8/14/2008	ND	
MW-22R	d	2-Chloronaphthalene	91-58-7	ug/L	8/14/2008	ND	
MW-22R	d	2-Chlorophenol	95-57-8	ug/L	8/14/2008	ND	
MW-22R	d	2-Methylnaphthalene	91-57-6	ug/L	8/14/2008	ND	
MW-22R	d	2-Methylphenol	95-48-7	ug/L	8/14/2008	ND	
MW-22R	d	2-Naphthylamine	91-59-8	ug/L	8/14/2008	ND	
MW-22R	d	2-Nitroaniline	88-74-4	ug/L	8/14/2008	ND	
MW-22R	d	2-Nitrophenol	88-75-5	ug/L	8/14/2008	ND	
MW-22R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	8/14/2008	ND	
MW-22R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	8/14/2008	ND	
MW-22R	d	3/4-Methylphenol	T-34MP	ug/L	8/14/2008	ND	
MW-22R	d	3-Methylcholanthrene	56-49-5	ug/L	8/14/2008	ND	
MW-22R	d	3-Nitroaniline	99-09-2	ug/L	8/14/2008	ND	
MW-22R	d	4,4`-DDD	72-54-8	ug/L	8/14/2008	ND	
MW-22R	d	4,4`-DDE	72-55-9	ug/L	8/14/2008	ND	
MW-22R	d	4,4`-DDT	50-29-3	ug/L	8/14/2008	ND	
MW-22R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	8/14/2008	ND	
MW-22R	d	4-Aminobiphenyl	92-67-1	ug/L	8/14/2008	ND	
MW-22R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	8/14/2008	ND	
MW-22R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	8/14/2008	ND	
MW-22R	d	4-Chloroaniline	106-47-8	ug/L	8/14/2008	ND	
MW-22R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	8/14/2008	ND	
MW-22R	d	4-Nitroaniline	100-01-6	ug/L	8/14/2008	ND	
MW-22R	d	4-Nitrophenol	100-02-7	ug/L	8/14/2008	ND	
MW-22R	d	5-Nitro-o-toluidine	99-55-8	ug/L	8/14/2008	ND	
MW-22R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	8/14/2008	ND	
MW-22R	d	Acenaphthene	83-32-9	ug/L	8/14/2008	ND	
MW-22R	d	Acenaphthylene	208-96-8	ug/L	8/14/2008	ND	
MW-22R	d	Acetonitrile	75-05-8	ug/L	8/14/2008	ND	
MW-22R	d	Acetophenone	98-86-2	ug/L	8/14/2008	ND	
MW-22R	d	Acrolein	107-02-8	ug/L	8/14/2008	ND	
MW-22R	d	Aldrin	309-00-2	ug/L	8/14/2008	ND	
MW-22R	d	3-Chloropropene	107-05-1	ug/L	8/14/2008	ND	
MW-22R	d	Alpha-BHC	319-84-6	ug/L	8/14/2008	ND	
MW-22R	d	Anthracene	120-12-7	ug/L	8/14/2008	ND	
MW-22R	d	Benzo [a] anthracene	56-55-3	ug/L	8/14/2008	ND	
MW-22R	d	Benzo [a] pyrene	50-32-8	ug/L	8/14/2008	ND	
MW-22R	d	Benzo [b] fluoranthene	205-99-2	ug/L	8/14/2008	ND	
MW-22R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	8/14/2008	ND	
MW-22R	d	Benzo [k] fluoranthene	207-08-9	ug/L	8/14/2008	ND	
MW-22R	d	Benzyl alcohol	100-51-6	ug/L	8/14/2008	ND	
MW-22R	d	Beta-BHC	319-85-7	ug/L	8/14/2008	ND	
MW-22R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	8/14/2008	ND	
MW-22R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	8/14/2008	ND	
MW-22R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	8/14/2008	ND	
MW-22R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	8/14/2008	ND	
MW-22R	d	Butyl benzyl phthalate	85-68-7	ug/L	8/14/2008	ND	
MW-22R	d	Chlorobenzilate	510-15-6	ug/L	8/14/2008	ND	
MW-22R	d	Chloroprene	126-99-8	ug/L	8/14/2008	ND	
MW-22R	d	Chrysene	218-01-9	ug/L	8/14/2008	ND	
MW-22R	d	Cyanide	57-12-5	mg/L	8/14/2008		0.113
MW-22R	d	Delta-BHC	319-86-8	ug/L	8/14/2008	ND	
MW-22R	d	Diallate [cis or trans]	2303-16-4	ug/L	8/14/2008	ND	
MW-22R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	8/14/2008	ND	
MW-22R	d	Dibenzofuran	132-64-9	ug/L	8/14/2008	ND	
MW-22R	d	Dichlorodifluoromethane	75-71-8	ug/L	8/14/2008	ND	
MW-22R	d	Dieldrin	60-57-1	ug/L	8/14/2008	ND	
MW-22R	d	Diethyl phthalate	84-66-2	ug/L	8/14/2008	ND	
MW-22R	d	Dimethoate	60-51-5	ug/L	8/14/2008	ND	
MW-22R	d	Dimethyl phthalate	131-11-3	ug/L	8/14/2008	ND	
MW-22R	d	Di-n-butyl phthalate	84-74-2	ug/L	8/14/2008	ND	
MW-22R	d	Di-n-octyl phthalate	117-84-0	ug/L	8/14/2008	ND	
MW-22R	d	Dinoseb	88-85-7	ug/L	8/14/2008	ND	
MW-22R	d	Diphenylamine	122-39-4	ug/L	8/14/2008	ND	
MW-22R	d	Disulfoton	298-04-4	ug/L	8/14/2008	ND	
MW-22R	d	Endosulfan I	959-98-8	ug/L	8/14/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-22R	d	Endosulfan II	33213-65-9	ug/L	8/14/2008	ND	
MW-22R	d	Endosulfan sulfate	1031-07-8	ug/L	8/14/2008	ND	
MW-22R	d	Endrin	72-20-8	ug/L	8/14/2008	ND	
MW-22R	d	Endrin aldehyde	7421-93-4	ug/L	8/14/2008	ND	
MW-22R	d	Ethyl Methacrylate	97-63-2	ug/L	8/14/2008	ND	
MW-22R	d	Ethyl Methanesulfonate	62-50-0	ug/L	8/14/2008	ND	
MW-22R	d	Famphur	52-85-7	ug/L	8/14/2008	ND	
MW-22R	d	Fluoranthene	206-44-0	ug/L	8/14/2008	ND	
MW-22R	d	Fluorene	86-73-7	ug/L	8/14/2008	ND	
MW-22R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	8/14/2008	ND	
MW-22R	d	Heptachlor	76-44-8	ug/L	8/14/2008	ND	
MW-22R	d	Heptachlor Epoxide	1024-57-3	ug/L	8/14/2008	ND	
MW-22R	d	Hexachlorobenzene	118-74-1	ug/L	8/14/2008	ND	
MW-22R	d	Hexachlorobutadiene	87-68-3	ug/L	8/14/2008	ND	
MW-22R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	8/14/2008	ND	
MW-22R	d	Hexachloroethane	67-72-1	ug/L	8/14/2008	ND	
MW-22R	d	Hexachloropropene	1888-71-7	ug/L	8/14/2008	ND	
MW-22R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	8/14/2008	ND	
MW-22R	d	Isobutanol	78-83-1	mg/L	8/14/2008	ND	
MW-22R	d	Isodrin	465-73-6	ug/L	8/14/2008	ND	
MW-22R	d	Isophorone	78-59-1	ug/L	8/14/2008	ND	
MW-22R	d	Isosafrole	120-58-1	ug/L	8/14/2008	ND	
MW-22R	d	Kepone	143-50-0	ug/L	8/14/2008	ND	
MW-22R	d	Methacrylonitrile	126-98-7	ug/L	8/14/2008	ND	
MW-22R	d	Methapyrilene	91-80-5	ug/L	8/14/2008	ND	
MW-22R	d	Methoxychlor	72-43-5	ug/L	8/14/2008	ND	
MW-22R	d	Methyl Methacrylate	80-62-6	ug/L	8/14/2008	ND	
MW-22R	d	Methyl Methanesulfonate	66-27-3	ug/L	8/14/2008	ND	
MW-22R	d	Naphthalene	91-20-3	ug/L	8/14/2008	ND	
MW-22R	d	Nitrobenzene	98-95-3	ug/L	8/14/2008	ND	
MW-22R	d	N-Nitrosodiethylamine	55-18-5	ug/L	8/14/2008	ND	
MW-22R	d	N-Nitrosodimethylamine	62-75-9	ug/L	8/14/2008	ND	
MW-22R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	8/14/2008	ND	
MW-22R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	8/14/2008	ND	
MW-22R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	8/14/2008	ND	
MW-22R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	8/14/2008	ND	
MW-22R	d	N-Nitrosopiperidine	100-75-4	ug/L	8/14/2008	ND	
MW-22R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	8/14/2008	ND	
MW-22R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	8/14/2008	ND	
MW-22R	d	o-Toluidine	95-53-4	ug/L	8/14/2008	ND	
MW-22R	d	Dimethylaminoazobenzene	60-11-7	ug/L	8/14/2008	ND	
MW-22R	d	Parathion-Ethyl	56-38-2	ug/L	8/14/2008	ND	
MW-22R	d	Parathion-Methyl	298-00-0	ug/L	8/14/2008	ND	
MW-22R	d	PCB-1016	12674-11-2	ug/L	8/14/2008	ND	
MW-22R	d	PCB-1221	11104-28-2	ug/L	8/14/2008	ND	
MW-22R	d	PCB-1232	11141-16-5	ug/L	8/14/2008	ND	
MW-22R	d	PCB-1242	53469-21-9	ug/L	8/14/2008	ND	
MW-22R	d	PCB-1248	12672-29-6	ug/L	8/14/2008	ND	
MW-22R	d	PCB-1254	11097-69-1	ug/L	8/14/2008	ND	
MW-22R	d	PCB-1260	11096-82-5	ug/L	8/14/2008	ND	
MW-22R	d	Pentachlorobenzene	608-93-5	ug/L	8/14/2008	ND	
MW-22R	d	Pentachloronitrobenzene	82-68-8	ug/L	8/14/2008	ND	
MW-22R	d	Pentachlorophenol [2C]	87-86-5	ug/L	8/14/2008	ND	
MW-22R	d	Phenacetin	62-44-2	ug/L	8/14/2008	ND	
MW-22R	d	Phenanthrene	85-01-8	ug/L	8/14/2008	ND	
MW-22R	d	Phenol	108-95-2	ug/L	8/14/2008	ND	
MW-22R	d	Phorate	298-02-2	ug/L	8/14/2008	ND	
MW-22R	d	Pronamide	23950-58-5	ug/L	8/14/2008	ND	
MW-22R	d	Propionitrile	107-12-0	ug/L	8/14/2008	ND	
MW-22R	d	Pyrene	129-00-0	ug/L	8/14/2008	ND	
MW-22R	d	Safrole	94-59-7	ug/L	8/14/2008	ND	
MW-22R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	8/14/2008	ND	
MW-22R	d	Sulfide	18496-25-8	mg/L	8/14/2008	ND	
MW-22R	d	Thionazin	297-97-2	ug/L	8/14/2008	ND	
MW-22R	d	Toxaphene	8001-35-2	ug/L	8/14/2008	ND	
MW-22R	d	Methylene Bromide	74-95-3	ug/L	8/14/2008	ND	
MW-22R	d	PCB-1268	11100-14-4	ug/L	8/14/2008	ND	
MW-22R	d	Alpha-Chlordane	5103-71-9	ug/L	8/14/2008	ND	
MW-22R	d	Endrin ketone	53494-70-5	ug/L	8/14/2008	ND	
MW-22R	d	Gamma-Chlordane	5566-34-7	ug/L	8/14/2008	ND	
MW-22R	d	Pentachloroethane	76-01-7	ug/L	8/14/2008	ND	
MW-22R	d	Pyridine	110-86-1	ug/L	8/14/2008	ND	
MW-29	d	Antimony	7440-36-0	mg/L	8/14/2008	ND	
MW-29	d	Arsenic	7440-38-2	mg/L	8/14/2008		0.00606
MW-29	d	Barium	7440-39-3	mg/L	8/14/2008		2.02
MW-29	d	Beryllium	7440-41-7	mg/L	8/14/2008	ND	
MW-29	d	Cadmium	7440-43-9	mg/L	8/14/2008	ND	
MW-29	d	Chromium	7440-47-3	mg/L	8/14/2008	ND	
MW-29	d	Cobalt	7440-48-4	mg/L	8/14/2008		0.0407
MW-29	d	Copper	7440-50-8	mg/L	8/14/2008	ND	
MW-29	d	Lead	7439-92-1	mg/L	8/14/2008	ND	
MW-29	d	Nickel	7440-02-0	mg/L	8/14/2008		0.099
MW-29	d	Selenium	7782-49-2	mg/L	8/14/2008	ND	
MW-29	d	Silver	7440-22-4	mg/L	8/14/2008	ND	
MW-29	d	Thallium	7440-28-0	mg/L	8/14/2008	ND	
MW-29	d	Vanadium	7440-62-2	mg/L	8/14/2008	ND	
MW-29	d	Zinc	7440-66-6	mg/L	8/14/2008		0.0431

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Mercury	7439-97-6	mg/L	8/14/2008	ND	
MW-29	d	Tin	7440-31-5	mg/L	8/14/2008	ND	
MW-29	d	Acetone	67-64-1	ug/L	8/14/2008	ND	
MW-29	d	Acrylonitrile	107-13-1	ug/L	8/14/2008	ND	
MW-29	d	Benzene	71-43-2	ug/L	8/14/2008		5.41
MW-29	d	Bromochloromethane	74-97-5	ug/L	8/14/2008	ND	
MW-29	d	Bromodichloromethane	75-27-4	ug/L	8/14/2008	ND	
MW-29	d	Bromoform	75-25-2	ug/L	8/14/2008	ND	
MW-29	d	Carbon Disulfide	75-15-0	ug/L	8/14/2008	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	8/14/2008	ND	
MW-29	d	Chlorobenzene	108-90-7	ug/L	8/14/2008		5.65
MW-29	d	Chloroethane	75-00-3	ug/L	8/14/2008	ND	
MW-29	d	Chloroform	67-66-3	ug/L	8/14/2008	ND	
MW-29	d	Chlorodibromomethane	124-48-1	ug/L	8/14/2008	ND	
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/14/2008	ND	
MW-29	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/14/2008	ND	
MW-29	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/14/2008	ND	
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	8/14/2008		5.27
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	8/14/2008	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	8/14/2008	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/14/2008		23.7
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/14/2008		1.64
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	8/14/2008		1.83
MW-29	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/14/2008	ND	
MW-29	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/14/2008	ND	
MW-29	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/14/2008	ND	
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/14/2008		7.12
MW-29	d	Ethylbenzene	100-41-4	ug/L	8/14/2008	ND	
MW-29	d	2-Hexanone	591-78-6	ug/L	8/14/2008	ND	
MW-29	d	Bromomethane	74-83-9	ug/L	8/14/2008	ND	
MW-29	d	Chloromethane	74-87-3	ug/L	8/14/2008	ND	
MW-29	d	2-Butanone	78-93-3	ug/L	8/14/2008	ND	
MW-29	d	Iodomethane	74-88-4	ug/L	8/14/2008	ND	
MW-29	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/14/2008	ND	
MW-29	d	Methylene Chloride	75-09-2	ug/L	8/14/2008	ND	
MW-29	d	Styrene	100-42-5	ug/L	8/14/2008	ND	
MW-29	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/14/2008	ND	
MW-29	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/14/2008	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	8/14/2008		1.7
MW-29	d	Toluene	108-88-3	ug/L	8/14/2008	ND	
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/14/2008	ND	
MW-29	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/14/2008	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	8/14/2008		3.01
MW-29	d	Trichlorofluoromethane	75-69-4	ug/L	8/14/2008	ND	
MW-29	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/14/2008	ND	
MW-29	d	Vinyl Acetate	108-05-4	ug/L	8/14/2008	ND	
MW-29	d	Vinyl Chloride	75-01-4	ug/L	8/14/2008		3.5
MW-29	d	Xylenes, total	1330-20-7	ug/L	8/14/2008	ND	
MW-29	d	1,1-Dichloropropene	563-58-6	ug/L	8/14/2008	ND	
MW-29	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	8/14/2008	ND	
MW-29	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	8/14/2008	ND	
MW-29	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	8/14/2008	ND	
MW-29	d	1,3-Dichlorobenzene	541-73-1	ug/L	8/14/2008	ND	
MW-29	d	1,3-Dichloropropane	142-28-9	ug/L	8/14/2008	ND	
MW-29	d	1,3-Dinitrobenzene	99-65-0	ug/L	8/14/2008	ND	
MW-29	d	1,4-Naphthoquinone	130-15-4	ug/L	8/14/2008	ND	
MW-29	d	1,4-Phenylenediamine	106-50-3	ug/L	8/14/2008	ND	
MW-29	d	1-Naphthylamine	134-32-7	ug/L	8/14/2008	ND	
MW-29	d	2,2-Dichloropropane	594-20-7	ug/L	8/14/2008	ND	
MW-29	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	8/14/2008	ND	
MW-29	d	2,4,5-T [2C]	93-76-5	ug/L	8/14/2008	ND	
MW-29	d	2,4,5-Trichlorophenol	95-95-4	ug/L	8/14/2008	ND	
MW-29	d	2,4,6-Trichlorophenol	88-06-2	ug/L	8/14/2008	ND	
MW-29	d	2,4-D [2C]	94-75-7	ug/L	8/14/2008	ND	
MW-29	d	2,4-Dichlorophenol	120-83-2	ug/L	8/14/2008	ND	
MW-29	d	2,4-Dimethylphenol	105-67-9	ug/L	8/14/2008	ND	
MW-29	d	2,4-Dinitrophenol	51-28-5	ug/L	8/14/2008	ND	
MW-29	d	2,4-Dinitrotoluene	121-14-2	ug/L	8/14/2008	ND	
MW-29	d	2,6-Dichlorophenol	87-65-0	ug/L	8/14/2008	ND	
MW-29	d	2,6-Dinitrotoluene	606-20-2	ug/L	8/14/2008	ND	
MW-29	d	2-Acetylaminofluorene	53-96-3	ug/L	8/14/2008	ND	
MW-29	d	2-Chloronaphthalene	91-58-7	ug/L	8/14/2008	ND	
MW-29	d	2-Chlorophenol	95-57-8	ug/L	8/14/2008	ND	
MW-29	d	2-Methylnaphthalene	91-57-6	ug/L	8/14/2008	ND	
MW-29	d	2-Methylphenol	95-48-7	ug/L	8/14/2008	ND	
MW-29	d	2-Naphthylamine	91-59-8	ug/L	8/14/2008	ND	
MW-29	d	2-Nitroaniline	88-74-4	ug/L	8/14/2008	ND	
MW-29	d	2-Nitrophenol	88-75-5	ug/L	8/14/2008	ND	
MW-29	d	3,3-Dichlorobenzidine	91-94-1	ug/L	8/14/2008	ND	
MW-29	d	3,3-Dimethylbenzidine	119-93-7	ug/L	8/14/2008	ND	
MW-29	d	3/4-Methylphenol	T-34MP	ug/L	8/14/2008	ND	
MW-29	d	3-Methylcholanthrene	56-49-5	ug/L	8/14/2008	ND	
MW-29	d	3-Nitroaniline	99-09-2	ug/L	8/14/2008	ND	
MW-29	d	4,4`-DDD	72-54-8	ug/L	8/14/2008	ND	
MW-29	d	4,4`-DDE	72-55-9	ug/L	8/14/2008	ND	
MW-29	d	4,4`-DDT	50-29-3	ug/L	8/14/2008	ND	
MW-29	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	8/14/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	4-Aminobiphenyl	92-67-1	ug/L	8/14/2008	ND	
MW-29	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	8/14/2008	ND	
MW-29	d	4-Chloro-3-methylphenol	59-50-7	ug/L	8/14/2008	ND	
MW-29	d	4-Chloroaniline	106-47-8	ug/L	8/14/2008	ND	
MW-29	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	8/14/2008	ND	
MW-29	d	4-Nitroaniline	100-01-6	ug/L	8/14/2008	ND	
MW-29	d	4-Nitrophenol	100-02-7	ug/L	8/14/2008	ND	
MW-29	d	5-Nitro-o-toluidine	99-55-8	ug/L	8/14/2008	ND	
MW-29	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	8/14/2008	ND	
MW-29	d	Acenaphthene	83-32-9	ug/L	8/14/2008	ND	
MW-29	d	Acenaphthylene	208-96-8	ug/L	8/14/2008	ND	
MW-29	d	Acetonitrile	75-05-8	ug/L	8/14/2008	ND	
MW-29	d	Acetophenone	98-86-2	ug/L	8/14/2008	ND	
MW-29	d	Acrolein	107-02-8	ug/L	8/14/2008	ND	
MW-29	d	Aldrin	309-00-2	ug/L	8/14/2008	ND	
MW-29	d	3-Chloropropene	107-05-1	ug/L	8/14/2008	ND	
MW-29	d	Alpha-BHC	319-84-6	ug/L	8/14/2008	ND	
MW-29	d	Anthracene	120-12-7	ug/L	8/14/2008	ND	
MW-29	d	Benzo [a] anthracene	56-55-3	ug/L	8/14/2008	ND	
MW-29	d	Benzo [a] pyrene	50-32-8	ug/L	8/14/2008	ND	
MW-29	d	Benzo [b] fluoranthene	205-99-2	ug/L	8/14/2008	ND	
MW-29	d	Benzo [g,h,i] perylene	191-24-2	ug/L	8/14/2008	ND	
MW-29	d	Benzo [k] fluoranthene	207-08-9	ug/L	8/14/2008	ND	
MW-29	d	Benzyl alcohol	100-51-6	ug/L	8/14/2008	ND	
MW-29	d	Beta-BHC	319-85-7	ug/L	8/14/2008	ND	
MW-29	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	8/14/2008	ND	
MW-29	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	8/14/2008	ND	
MW-29	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	8/14/2008	ND	
MW-29	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	8/14/2008	ND	
MW-29	d	Butyl benzyl phthalate	85-68-7	ug/L	8/14/2008	ND	
MW-29	d	Chlorobenzilate	510-15-6	ug/L	8/14/2008	ND	
MW-29	d	Chloroprene	126-99-8	ug/L	8/14/2008	ND	
MW-29	d	Chrysene	218-01-9	ug/L	8/14/2008	ND	
MW-29	d	Cyanide	57-12-5	mg/L	8/14/2008	ND	
MW-29	d	Delta-BHC	319-86-8	ug/L	8/14/2008	ND	
MW-29	d	Diallate [cis or trans]	2303-16-4	ug/L	8/14/2008	ND	
MW-29	d	Dibenz [a,h] anthracene	53-70-3	ug/L	8/14/2008	ND	
MW-29	d	Dibenzofuran	132-64-9	ug/L	8/14/2008	ND	
MW-29	d	Dichlorodifluoromethane	75-71-8	ug/L	8/14/2008	ND	
MW-29	d	Dieldrin	60-57-1	ug/L	8/14/2008	ND	
MW-29	d	Diethyl phthalate	84-66-2	ug/L	8/14/2008	ND	
MW-29	d	Dimethoate	60-51-5	ug/L	8/14/2008	ND	
MW-29	d	Dimethyl phthalate	131-11-3	ug/L	8/14/2008	ND	
MW-29	d	Di-n-butyl phthalate	84-74-2	ug/L	8/14/2008	ND	
MW-29	d	Di-n-octyl phthalate	117-84-0	ug/L	8/14/2008	ND	
MW-29	d	Dinoseb	88-85-7	ug/L	8/14/2008	ND	
MW-29	d	Diphenylamine	122-39-4	ug/L	8/14/2008	ND	
MW-29	d	Disulfoton	298-04-4	ug/L	8/14/2008	ND	
MW-29	d	Endosulfan I	959-98-8	ug/L	8/14/2008	ND	
MW-29	d	Endosulfan II	33213-65-9	ug/L	8/14/2008	ND	
MW-29	d	Endosulfan sulfate	1031-07-8	ug/L	8/14/2008	ND	
MW-29	d	Endrin	72-20-8	ug/L	8/14/2008	ND	
MW-29	d	Endrin aldehyde	7421-93-4	ug/L	8/14/2008	ND	
MW-29	d	Ethyl Methacrylate	97-63-2	ug/L	8/14/2008	ND	
MW-29	d	Ethyl Methanesulfonate	62-50-0	ug/L	8/14/2008	ND	
MW-29	d	Famphur	52-85-7	ug/L	8/14/2008	ND	
MW-29	d	Fluoranthene	206-44-0	ug/L	8/14/2008	ND	
MW-29	d	Fluorene	86-73-7	ug/L	8/14/2008	ND	
MW-29	d	Gamma-BHC [Lindane]	58-89-9	ug/L	8/14/2008	ND	
MW-29	d	Heptachlor	76-44-8	ug/L	8/14/2008	ND	
MW-29	d	Heptachlor Epoxide	1024-57-3	ug/L	8/14/2008	ND	
MW-29	d	Hexachlorobenzene	118-74-1	ug/L	8/14/2008	ND	
MW-29	d	Hexachlorobutadiene	87-68-3	ug/L	8/14/2008	ND	
MW-29	d	Hexachlorocyclopentadiene	77-47-4	ug/L	8/14/2008	ND	
MW-29	d	Hexachloroethane	67-72-1	ug/L	8/14/2008	ND	
MW-29	d	Hexachloropropene	1888-71-7	ug/L	8/14/2008	ND	
MW-29	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	8/14/2008	ND	
MW-29	d	Isobutanol	78-83-1	mg/L	8/14/2008	ND	
MW-29	d	Isodrin	465-73-6	ug/L	8/14/2008	ND	
MW-29	d	Isophorone	78-59-1	ug/L	8/14/2008	ND	
MW-29	d	Isosafrole	120-58-1	ug/L	8/14/2008	ND	
MW-29	d	Kepone	143-50-0	ug/L	8/14/2008	ND	
MW-29	d	Methacrylonitrile	126-98-7	ug/L	8/14/2008	ND	
MW-29	d	Methapyrilene	91-80-5	ug/L	8/14/2008	ND	
MW-29	d	Methoxychlor	72-43-5	ug/L	8/14/2008	ND	
MW-29	d	Methyl Methacrylate	80-62-6	ug/L	8/14/2008	ND	
MW-29	d	Methyl Methanesulfonate	66-27-3	ug/L	8/14/2008	ND	
MW-29	d	Naphthalene	91-20-3	ug/L	8/14/2008	ND	
MW-29	d	Nitrobenzene	98-95-3	ug/L	8/14/2008	ND	
MW-29	d	N-Nitrosodiethylamine	55-18-5	ug/L	8/14/2008	ND	
MW-29	d	N-Nitrosodimethylamine	62-75-9	ug/L	8/14/2008	ND	
MW-29	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	8/14/2008	ND	
MW-29	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	8/14/2008	ND	
MW-29	d	N-Nitrosodiphenylamine	86-30-6	ug/L	8/14/2008	ND	
MW-29	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	8/14/2008	ND	
MW-29	d	N-Nitrosopiperidine	100-75-4	ug/L	8/14/2008	ND	
MW-29	d	N-Nitrosopyrrolidine	930-55-2	ug/L	8/14/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	8/14/2008	ND	
MW-29	d	o-Toluidine	95-53-4	ug/L	8/14/2008	ND	
MW-29	d	Dimethylaminoazobenzene	60-11-7	ug/L	8/14/2008	ND	
MW-29	d	Parathion-Ethyl	56-38-2	ug/L	8/14/2008	ND	
MW-29	d	Parathion-Methyl	298-00-0	ug/L	8/14/2008	ND	
MW-29	d	PCB-1016	12674-11-2	ug/L	8/14/2008	ND	
MW-29	d	PCB-1221	11104-28-2	ug/L	8/14/2008	ND	
MW-29	d	PCB-1232	11141-16-5	ug/L	8/14/2008	ND	
MW-29	d	PCB-1242	53469-21-9	ug/L	8/14/2008	ND	
MW-29	d	PCB-1248	12672-29-6	ug/L	8/14/2008	ND	
MW-29	d	PCB-1254	11097-69-1	ug/L	8/14/2008	ND	
MW-29	d	PCB-1260	11096-82-5	ug/L	8/14/2008	ND	
MW-29	d	Pentachlorobenzene	608-93-5	ug/L	8/14/2008	ND	
MW-29	d	Pentachloronitrobenzene	82-68-8	ug/L	8/14/2008	ND	
MW-29	d	Pentachlorophenol [2C]	87-86-5	ug/L	8/14/2008	ND	
MW-29	d	Phenacetin	62-44-2	ug/L	8/14/2008	ND	
MW-29	d	Phenanthrene	85-01-8	ug/L	8/14/2008	ND	
MW-29	d	Phenol	108-95-2	ug/L	8/14/2008	ND	
MW-29	d	Phorate	298-02-2	ug/L	8/14/2008	ND	
MW-29	d	Pronamide	23950-58-5	ug/L	8/14/2008	ND	
MW-29	d	Propionitrile	107-12-0	ug/L	8/14/2008	ND	
MW-29	d	Pyrene	129-00-0	ug/L	8/14/2008	ND	
MW-29	d	Safrole	94-59-7	ug/L	8/14/2008	ND	
MW-29	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	8/14/2008	ND	
MW-29	d	Sulfide	18496-25-8	mg/L	8/14/2008	ND	
MW-29	d	Thionazin	297-97-2	ug/L	8/14/2008	ND	
MW-29	d	Toxaphene	8001-35-2	ug/L	8/14/2008	ND	
MW-29	d	Methylene Bromide	74-95-3	ug/L	8/14/2008	ND	
MW-29	d	PCB-1268	11100-14-4	ug/L	8/14/2008	ND	
MW-29	d	Alpha-Chlordane	5103-71-9	ug/L	8/14/2008		0.23
MW-29	d	Endrin ketone	53494-70-5	ug/L	8/14/2008	ND	
MW-29	d	Gamma-Chlordane	5566-34-7	ug/L	8/14/2008	ND	
MW-29	d	Pentachloroethane	76-01-7	ug/L	8/14/2008	ND	
MW-29	d	Pyridine	110-86-1	ug/L	8/14/2008	ND	
MW-30R	d	Antimony	7440-36-0	mg/L	8/14/2008	ND	
MW-30R	d	Arsenic	7440-38-2	mg/L	8/14/2008		0.0121
MW-30R	d	Barium	7440-39-3	mg/L	8/14/2008		0.697
MW-30R	d	Beryllium	7440-41-7	mg/L	8/14/2008	ND	
MW-30R	d	Cadmium	7440-43-9	mg/L	8/14/2008	ND	
MW-30R	d	Chromium	7440-47-3	mg/L	8/14/2008	ND	
MW-30R	d	Cobalt	7440-48-4	mg/L	8/14/2008	NDX	
MW-30R	d	Copper	7440-50-8	mg/L	8/14/2008	ND	
MW-30R	d	Lead	7439-92-1	mg/L	8/14/2008	ND	
MW-30R	d	Nickel	7440-02-0	mg/L	8/14/2008	ND	
MW-30R	d	Selenium	7782-49-2	mg/L	8/14/2008	ND	
MW-30R	d	Silver	7440-22-4	mg/L	8/14/2008	ND	
MW-30R	d	Thallium	7440-28-0	mg/L	8/14/2008	ND	
MW-30R	d	Vanadium	7440-62-2	mg/L	8/14/2008	ND	
MW-30R	d	Zinc	7440-66-6	mg/L	8/14/2008	ND	
MW-30R	d	Mercury	7439-97-6	mg/L	8/14/2008	ND	
MW-30R	d	Tin	7440-31-5	mg/L	8/14/2008	ND	
MW-30R	d	Acetone	67-64-1	ug/L	8/14/2008	ND	
MW-30R	d	Acrylonitrile	107-13-1	ug/L	8/14/2008	ND	
MW-30R	d	Benzene	71-43-2	ug/L	8/14/2008		0.82
MW-30R	d	Bromochloromethane	74-97-5	ug/L	8/14/2008	ND	
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	8/14/2008	ND	
MW-30R	d	Bromoform	75-25-2	ug/L	8/14/2008	ND	
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	8/14/2008	ND	
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	8/14/2008	ND	
MW-30R	d	Chlorobenzene	108-90-7	ug/L	8/14/2008	ND	
MW-30R	d	Chloroethane	75-00-3	ug/L	8/14/2008	ND	
MW-30R	d	Chloroform	67-66-3	ug/L	8/14/2008	ND	
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	8/14/2008	ND	
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/14/2008	ND	
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/14/2008	ND	
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/14/2008	ND	
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	8/14/2008		8.31
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	8/14/2008	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	8/14/2008	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/14/2008		91
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/14/2008		2.66
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	8/14/2008	ND	
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/14/2008	ND	
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/14/2008	ND	
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/14/2008	ND	
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/14/2008	ND	
MW-30R	d	Ethylbenzene	100-41-4	ug/L	8/14/2008	ND	
MW-30R	d	2-Hexanone	591-78-6	ug/L	8/14/2008	ND	
MW-30R	d	Bromomethane	74-83-9	ug/L	8/14/2008	ND	
MW-30R	d	Chloromethane	74-87-3	ug/L	8/14/2008	ND	
MW-30R	d	2-Butanone	78-93-3	ug/L	8/14/2008	ND	
MW-30R	d	Iodomethane	74-88-4	ug/L	8/14/2008	ND	
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/14/2008	ND	
MW-30R	d	Methylene Chloride	75-09-2	ug/L	8/14/2008	ND	
MW-30R	d	Styrene	100-42-5	ug/L	8/14/2008	ND	
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/14/2008	ND	
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/14/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	8/14/2008	ND	
MW-30R	d	Toluene	108-88-3	ug/L	8/14/2008	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/14/2008	ND	
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/14/2008	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	8/14/2008		6.96
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	8/14/2008	ND	
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/14/2008	ND	
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	8/14/2008	ND	
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	8/14/2008		11.5
MW-30R	d	Xylenes, total	1330-20-7	ug/L	8/14/2008	ND	
MW-30R	d	1,1-Dichloropropene	563-58-6	ug/L	8/14/2008	ND	
MW-30R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	8/14/2008	ND	
MW-30R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	8/14/2008	ND	
MW-30R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	8/14/2008	ND	
MW-30R	d	1,3-Dichlorobenzene	541-73-1	ug/L	8/14/2008	ND	
MW-30R	d	1,3-Dichloropropane	142-28-9	ug/L	8/14/2008	ND	
MW-30R	d	1,3-Dinitrobenzene	99-65-0	ug/L	8/14/2008	ND	
MW-30R	d	1,4-Naphthoquinone	130-15-4	ug/L	8/14/2008	ND	
MW-30R	d	1,4-Phenylenediamine	106-50-3	ug/L	8/14/2008	ND	
MW-30R	d	1-Naphthylamine	134-32-7	ug/L	8/14/2008	ND	
MW-30R	d	2,2-Dichloropropane	594-20-7	ug/L	8/14/2008	ND	
MW-30R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	8/14/2008	ND	
MW-30R	d	2,4,5-T [2C]	93-76-5	ug/L	8/14/2008	ND	
MW-30R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	8/14/2008	ND	
MW-30R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	8/14/2008	ND	
MW-30R	d	2,4-D [2C]	94-75-7	ug/L	8/14/2008	ND	
MW-30R	d	2,4-Dichlorophenol	120-83-2	ug/L	8/14/2008	ND	
MW-30R	d	2,4-Dimethylphenol	105-67-9	ug/L	8/14/2008	ND	
MW-30R	d	2,4-Dinitrophenol	51-28-5	ug/L	8/14/2008	ND	
MW-30R	d	2,4-Dinitrotoluene	121-14-2	ug/L	8/14/2008	ND	
MW-30R	d	2,6-Dichlorophenol	87-65-0	ug/L	8/14/2008	ND	
MW-30R	d	2,6-Dinitrotoluene	606-20-2	ug/L	8/14/2008	ND	
MW-30R	d	2-Acetylaminofluorene	53-96-3	ug/L	8/14/2008	ND	
MW-30R	d	2-Chloronaphthalene	91-58-7	ug/L	8/14/2008	ND	
MW-30R	d	2-Chlorophenol	95-57-8	ug/L	8/14/2008	ND	
MW-30R	d	2-Methylnaphthalene	91-57-6	ug/L	8/14/2008	ND	
MW-30R	d	2-Methylphenol	95-48-7	ug/L	8/14/2008	ND	
MW-30R	d	2-Naphthylamine	91-59-8	ug/L	8/14/2008	ND	
MW-30R	d	2-Nitroaniline	88-74-4	ug/L	8/14/2008	ND	
MW-30R	d	2-Nitrophenol	88-75-5	ug/L	8/14/2008	ND	
MW-30R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	8/14/2008	ND	
MW-30R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	8/14/2008	ND	
MW-30R	d	3/4-Methylphenol	T-34MP	ug/L	8/14/2008	ND	
MW-30R	d	3-Methylcholanthrene	56-49-5	ug/L	8/14/2008	ND	
MW-30R	d	3-Nitroaniline	99-09-2	ug/L	8/14/2008	ND	
MW-30R	d	4,4`-DDD	72-54-8	ug/L	8/14/2008	ND	
MW-30R	d	4,4`-DDE	72-55-9	ug/L	8/14/2008	ND	
MW-30R	d	4,4`-DDT	50-29-3	ug/L	8/14/2008	ND	
MW-30R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	8/14/2008	ND	
MW-30R	d	4-Aminobiphenyl	92-67-1	ug/L	8/14/2008	ND	
MW-30R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	8/14/2008	ND	
MW-30R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	8/14/2008	ND	
MW-30R	d	4-Chloroaniline	106-47-8	ug/L	8/14/2008	ND	
MW-30R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	8/14/2008	ND	
MW-30R	d	4-Nitroaniline	100-01-6	ug/L	8/14/2008	ND	
MW-30R	d	4-Nitrophenol	100-02-7	ug/L	8/14/2008	ND	
MW-30R	d	5-Nitro-o-toluidine	99-55-8	ug/L	8/14/2008	ND	
MW-30R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	8/14/2008	ND	
MW-30R	d	Acenaphthene	83-32-9	ug/L	8/14/2008	ND	
MW-30R	d	Acenaphthylene	208-96-8	ug/L	8/14/2008	ND	
MW-30R	d	Acetonitrile	75-05-8	ug/L	8/14/2008	ND	
MW-30R	d	Acetophenone	98-86-2	ug/L	8/14/2008	ND	
MW-30R	d	Acrolein	107-02-8	ug/L	8/14/2008	ND	
MW-30R	d	Aldrin	309-00-2	ug/L	8/14/2008	ND	
MW-30R	d	3-Chloropropene	107-05-1	ug/L	8/14/2008	ND	
MW-30R	d	Alpha-BHC	319-84-6	ug/L	8/14/2008	ND	
MW-30R	d	Anthracene	120-12-7	ug/L	8/14/2008	ND	
MW-30R	d	Benzo [a] anthracene	56-55-3	ug/L	8/14/2008	ND	
MW-30R	d	Benzo [a] pyrene	50-32-8	ug/L	8/14/2008	ND	
MW-30R	d	Benzo [b] fluoranthene	205-99-2	ug/L	8/14/2008	ND	
MW-30R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	8/14/2008	ND	
MW-30R	d	Benzo [k] fluoranthene	207-08-9	ug/L	8/14/2008	ND	
MW-30R	d	Benzyl alcohol	100-51-6	ug/L	8/14/2008	ND	
MW-30R	d	Beta-BHC	319-85-7	ug/L	8/14/2008	ND	
MW-30R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	8/14/2008	ND	
MW-30R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	8/14/2008	ND	
MW-30R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	8/14/2008	ND	
MW-30R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	8/14/2008	ND	
MW-30R	d	Butyl benzyl phthalate	85-68-7	ug/L	8/14/2008	ND	
MW-30R	d	Chlorobenzilate	510-15-6	ug/L	8/14/2008	ND	
MW-30R	d	Chloroprene	126-99-8	ug/L	8/14/2008	ND	
MW-30R	d	Chrysene	218-01-9	ug/L	8/14/2008	ND	
MW-30R	d	Cyanide	57-12-5	mg/L	8/14/2008	ND	
MW-30R	d	Delta-BHC	319-86-8	ug/L	8/14/2008	ND	
MW-30R	d	Diallate [cis or trans]	2303-16-4	ug/L	8/14/2008	ND	
MW-30R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	8/14/2008	ND	
MW-30R	d	Dibenzofuran	132-64-9	ug/L	8/14/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	Dichlorodifluoromethane	75-71-8	ug/L	8/14/2008	ND	
MW-30R	d	Dieldrin	60-57-1	ug/L	8/14/2008	ND	
MW-30R	d	Diethyl phthalate	84-66-2	ug/L	8/14/2008	ND	
MW-30R	d	Dimethoate	60-51-5	ug/L	8/14/2008	ND	
MW-30R	d	Dimethyl phthalate	131-11-3	ug/L	8/14/2008	ND	
MW-30R	d	Di-n-butyl phthalate	84-74-2	ug/L	8/14/2008	ND	
MW-30R	d	Di-n-octyl phthalate	117-84-0	ug/L	8/14/2008	ND	
MW-30R	d	Dinoseb	88-85-7	ug/L	8/14/2008	ND	
MW-30R	d	Diphenylamine	122-39-4	ug/L	8/14/2008	ND	
MW-30R	d	Disulfoton	298-04-4	ug/L	8/14/2008	ND	
MW-30R	d	Endosulfan I	959-98-8	ug/L	8/14/2008	ND	
MW-30R	d	Endosulfan II	33213-65-9	ug/L	8/14/2008	ND	
MW-30R	d	Endosulfan sulfate	1031-07-8	ug/L	8/14/2008	ND	
MW-30R	d	Endrin	72-20-8	ug/L	8/14/2008	ND	
MW-30R	d	Endrin aldehyde	7421-93-4	ug/L	8/14/2008	ND	
MW-30R	d	Ethyl Methacrylate	97-63-2	ug/L	8/14/2008	ND	
MW-30R	d	Ethyl Methanesulfonate	62-50-0	ug/L	8/14/2008	ND	
MW-30R	d	Famphur	52-85-7	ug/L	8/14/2008	ND	
MW-30R	d	Fluoranthene	206-44-0	ug/L	8/14/2008	ND	
MW-30R	d	Fluorene	86-73-7	ug/L	8/14/2008	ND	
MW-30R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	8/14/2008	ND	
MW-30R	d	Heptachlor	76-44-8	ug/L	8/14/2008	ND	
MW-30R	d	Heptachlor Epoxide	1024-57-3	ug/L	8/14/2008	ND	
MW-30R	d	Hexachlorobenzene	118-74-1	ug/L	8/14/2008	ND	
MW-30R	d	Hexachlorobutadiene	87-68-3	ug/L	8/14/2008	ND	
MW-30R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	8/14/2008	ND	
MW-30R	d	Hexachloroethane	67-72-1	ug/L	8/14/2008	ND	
MW-30R	d	Hexachloropropene	1888-71-7	ug/L	8/14/2008	ND	
MW-30R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	8/14/2008	ND	
MW-30R	d	Isobutanol	78-83-1	mg/L	8/14/2008	ND	
MW-30R	d	Isodrin	465-73-6	ug/L	8/14/2008	ND	
MW-30R	d	Isophorone	78-59-1	ug/L	8/14/2008	ND	
MW-30R	d	Isosafrole	120-58-1	ug/L	8/14/2008	ND	
MW-30R	d	Kepone	143-50-0	ug/L	8/14/2008	ND	
MW-30R	d	Methacrylonitrile	126-98-7	ug/L	8/14/2008	ND	
MW-30R	d	Methapyrilene	91-80-5	ug/L	8/14/2008	ND	
MW-30R	d	Methoxychlor	72-43-5	ug/L	8/14/2008	ND	
MW-30R	d	Methyl Methacrylate	80-62-6	ug/L	8/14/2008	ND	
MW-30R	d	Methyl Methanesulfonate	66-27-3	ug/L	8/14/2008	ND	
MW-30R	d	Naphthalene	91-20-3	ug/L	8/14/2008	ND	
MW-30R	d	Nitrobenzene	98-95-3	ug/L	8/14/2008	ND	
MW-30R	d	N-Nitrosodiethylamine	55-18-5	ug/L	8/14/2008	ND	
MW-30R	d	N-Nitrosodimethylamine	62-75-9	ug/L	8/14/2008	ND	
MW-30R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	8/14/2008	ND	
MW-30R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	8/14/2008	ND	
MW-30R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	8/14/2008	ND	
MW-30R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	8/14/2008	ND	
MW-30R	d	N-Nitrosopiperidine	100-75-4	ug/L	8/14/2008	ND	
MW-30R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	8/14/2008	ND	
MW-30R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	8/14/2008	ND	
MW-30R	d	o-Toluidine	95-53-4	ug/L	8/14/2008	ND	
MW-30R	d	Dimethylaminoazobenzene	60-11-7	ug/L	8/14/2008	ND	
MW-30R	d	Parathion-Ethyl	56-38-2	ug/L	8/14/2008	ND	
MW-30R	d	Parathion-Methyl	298-00-0	ug/L	8/14/2008	ND	
MW-30R	d	PCB-1016	12674-11-2	ug/L	8/14/2008	ND	
MW-30R	d	PCB-1221	11104-28-2	ug/L	8/14/2008	ND	
MW-30R	d	PCB-1232	11141-16-5	ug/L	8/14/2008	ND	
MW-30R	d	PCB-1242	53469-21-9	ug/L	8/14/2008	ND	
MW-30R	d	PCB-1248	12672-29-6	ug/L	8/14/2008	ND	
MW-30R	d	PCB-1254	11097-69-1	ug/L	8/14/2008	ND	
MW-30R	d	PCB-1260	11096-82-5	ug/L	8/14/2008	ND	
MW-30R	d	Pentachlorobenzene	608-93-5	ug/L	8/14/2008	ND	
MW-30R	d	Pentachloronitrobenzene	82-68-8	ug/L	8/14/2008	ND	
MW-30R	d	Pentachlorophenol [2C]	87-86-5	ug/L	8/14/2008	ND	
MW-30R	d	Phenacetin	62-44-2	ug/L	8/14/2008	ND	
MW-30R	d	Phenanthrene	85-01-8	ug/L	8/14/2008	ND	
MW-30R	d	Phenol	108-95-2	ug/L	8/14/2008	ND	
MW-30R	d	Phorate	298-02-2	ug/L	8/14/2008	ND	
MW-30R	d	Pronamide	23950-58-5	ug/L	8/14/2008	ND	
MW-30R	d	Propionitrile	107-12-0	ug/L	8/14/2008	ND	
MW-30R	d	Pyrene	129-00-0	ug/L	8/14/2008	ND	
MW-30R	d	Safrole	94-59-7	ug/L	8/14/2008	ND	
MW-30R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	8/14/2008	ND	
MW-30R	d	Sulfide	18496-25-8	mg/L	8/14/2008	ND	
MW-30R	d	Thionazin	297-97-2	ug/L	8/14/2008	ND	
MW-30R	d	Toxaphene	8001-35-2	ug/L	8/14/2008	ND	
MW-30R	d	Methylene Bromide	74-95-3	ug/L	8/14/2008	ND	
MW-30R	d	PCB-1268	11100-14-4	ug/L	8/14/2008	ND	
MW-30R	d	Alpha-Chlordane	5103-71-9	ug/L	8/14/2008	ND	
MW-30R	d	Endrin ketone	53494-70-5	ug/L	8/14/2008	ND	
MW-30R	d	Gamma-Chlordane	5566-34-7	ug/L	8/14/2008	ND	
MW-30R	d	Pentachloroethane	76-01-7	ug/L	8/14/2008	ND	
MW-30R	d	Pyridine	110-86-1	ug/L	8/14/2008	ND	
MW-31R	d	Antimony	7440-36-0	mg/L	8/14/2008	ND	
MW-31R	d	Arsenic	7440-38-2	mg/L	8/14/2008		0.00231
MW-31R	d	Barium	7440-39-3	mg/L	8/14/2008		0.352
MW-31R	d	Beryllium	7440-41-7	mg/L	8/14/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	Cadmium	7440-43-9	mg/L	8/14/2008	ND	
MW-31R	d	Chromium	7440-47-3	mg/L	8/14/2008	ND	
MW-31R	d	Cobalt	7440-48-4	mg/L	8/14/2008	NDX	
MW-31R	d	Copper	7440-50-8	mg/L	8/14/2008	ND	
MW-31R	d	Lead	7439-92-1	mg/L	8/14/2008	ND	
MW-31R	d	Nickel	7440-02-0	mg/L	8/14/2008	ND	
MW-31R	d	Selenium	7782-49-2	mg/L	8/14/2008	ND	
MW-31R	d	Silver	7440-22-4	mg/L	8/14/2008	ND	
MW-31R	d	Thallium	7440-28-0	mg/L	8/14/2008	ND	
MW-31R	d	Vanadium	7440-62-2	mg/L	8/14/2008	ND	
MW-31R	d	Zinc	7440-66-6	mg/L	8/14/2008		0.0201
MW-31R	d	Mercury	7439-97-6	mg/L	8/14/2008	ND	
MW-31R	d	Tin	7440-31-5	mg/L	8/14/2008	ND	
MW-31R	d	Acetone	67-64-1	ug/L	8/14/2008	ND	
MW-31R	d	Acrylonitrile	107-13-1	ug/L	8/14/2008	ND	
MW-31R	d	Benzene	71-43-2	ug/L	8/14/2008	ND	
MW-31R	d	Bromochloromethane	74-97-5	ug/L	8/14/2008	ND	
MW-31R	d	Bromodichloromethane	75-27-4	ug/L	8/14/2008	ND	
MW-31R	d	Bromoform	75-25-2	ug/L	8/14/2008	ND	
MW-31R	d	Carbon Disulfide	75-15-0	ug/L	8/14/2008	ND	
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	8/14/2008	ND	
MW-31R	d	Chlorobenzene	108-90-7	ug/L	8/14/2008	ND	
MW-31R	d	Chloroethane	75-00-3	ug/L	8/14/2008	ND	
MW-31R	d	Chloroform	67-66-3	ug/L	8/14/2008	ND	
MW-31R	d	Chlorodibromomethane	124-48-1	ug/L	8/14/2008	ND	
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/14/2008	ND	
MW-31R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/14/2008	ND	
MW-31R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/14/2008	ND	
MW-31R	d	1,1-Dichloroethane	75-34-3	ug/L	8/14/2008	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	8/14/2008	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	8/14/2008	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/14/2008	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/14/2008	ND	
MW-31R	d	1,2-Dichloropropane	78-87-5	ug/L	8/14/2008	ND	
MW-31R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/14/2008	ND	
MW-31R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/14/2008	ND	
MW-31R	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/14/2008	ND	
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/14/2008	ND	
MW-31R	d	Ethylbenzene	100-41-4	ug/L	8/14/2008	ND	
MW-31R	d	2-Hexanone	591-78-6	ug/L	8/14/2008	ND	
MW-31R	d	Bromomethane	74-83-9	ug/L	8/14/2008	ND	
MW-31R	d	Chloromethane	74-87-3	ug/L	8/14/2008	ND	
MW-31R	d	2-Butanone	78-93-3	ug/L	8/14/2008	ND	
MW-31R	d	Iodomethane	74-88-4	ug/L	8/14/2008	ND	
MW-31R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/14/2008	ND	
MW-31R	d	Methylene Chloride	75-09-2	ug/L	8/14/2008	ND	
MW-31R	d	Styrene	100-42-5	ug/L	8/14/2008	ND	
MW-31R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/14/2008	ND	
MW-31R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/14/2008	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	8/14/2008	ND	
MW-31R	d	Toluene	108-88-3	ug/L	8/14/2008	ND	
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/14/2008	ND	
MW-31R	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/14/2008	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	8/14/2008	ND	
MW-31R	d	Trichlorofluoromethane	75-69-4	ug/L	8/14/2008	ND	
MW-31R	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/14/2008	ND	
MW-31R	d	Vinyl Acetate	108-05-4	ug/L	8/14/2008	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	8/14/2008	ND	
MW-31R	d	Xylenes, total	1330-20-7	ug/L	8/14/2008	ND	
MW-31R	d	1,1-Dichloropropene	563-58-6	ug/L	8/14/2008	ND	
MW-31R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	8/14/2008	ND	
MW-31R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	8/14/2008	ND	
MW-31R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	8/14/2008	ND	
MW-31R	d	1,3-Dichlorobenzene	541-73-1	ug/L	8/14/2008	ND	
MW-31R	d	1,3-Dichloropropane	142-28-9	ug/L	8/14/2008	ND	
MW-31R	d	1,3-Dinitrobenzene	99-65-0	ug/L	8/14/2008	ND	
MW-31R	d	1,4-Naphthoquinone	130-15-4	ug/L	8/14/2008	ND	
MW-31R	d	1,4-Phenylenediamine	106-50-3	ug/L	8/14/2008	ND	
MW-31R	d	1-Naphthylamine	134-32-7	ug/L	8/14/2008	ND	
MW-31R	d	2,2-Dichloropropane	594-20-7	ug/L	8/14/2008	ND	
MW-31R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	8/14/2008	ND	
MW-31R	d	2,4,5-T [2C]	93-76-5	ug/L	8/14/2008	ND	
MW-31R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	8/14/2008	ND	
MW-31R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	8/14/2008	ND	
MW-31R	d	2,4-D [2C]	94-75-7	ug/L	8/14/2008	ND	
MW-31R	d	2,4-Dichlorophenol	120-83-2	ug/L	8/14/2008	ND	
MW-31R	d	2,4-Dimethylphenol	105-67-9	ug/L	8/14/2008	ND	
MW-31R	d	2,4-Dinitrophenol	51-28-5	ug/L	8/14/2008	ND	
MW-31R	d	2,4-Dinitrotoluene	121-14-2	ug/L	8/14/2008	ND	
MW-31R	d	2,6-Dichlorophenol	87-65-0	ug/L	8/14/2008	ND	
MW-31R	d	2,6-Dinitrotoluene	606-20-2	ug/L	8/14/2008	ND	
MW-31R	d	2-Acetylaminofluorene	53-96-3	ug/L	8/14/2008	ND	
MW-31R	d	2-Chloronaphthalene	91-58-7	ug/L	8/14/2008	ND	
MW-31R	d	2-Chlorophenol	95-57-8	ug/L	8/14/2008	ND	
MW-31R	d	2-Methylnaphthalene	91-57-6	ug/L	8/14/2008	ND	
MW-31R	d	2-Methylphenol	95-48-7	ug/L	8/14/2008	ND	
MW-31R	d	2-Naphthylamine	91-59-8	ug/L	8/14/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	2-Nitroaniline	88-74-4	ug/L	8/14/2008	ND	
MW-31R	d	2-Nitrophenol	88-75-5	ug/L	8/14/2008	ND	
MW-31R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	8/14/2008	ND	
MW-31R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	8/14/2008	ND	
MW-31R	d	3/4-Methylphenol	T-34MP	ug/L	8/14/2008	ND	
MW-31R	d	3-Methylcholanthrene	56-49-5	ug/L	8/14/2008	ND	
MW-31R	d	3-Nitroaniline	99-09-2	ug/L	8/14/2008	ND	
MW-31R	d	4,4`-DDD	72-54-8	ug/L	8/14/2008	ND	
MW-31R	d	4,4`-DDE	72-55-9	ug/L	8/14/2008	ND	
MW-31R	d	4,4`-DDT	50-29-3	ug/L	8/14/2008	ND	
MW-31R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	8/14/2008	ND	
MW-31R	d	4-Aminobiphenyl	92-67-1	ug/L	8/14/2008	ND	
MW-31R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	8/14/2008	ND	
MW-31R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	8/14/2008	ND	
MW-31R	d	4-Chloroaniline	106-47-8	ug/L	8/14/2008	ND	
MW-31R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	8/14/2008	ND	
MW-31R	d	4-Nitroaniline	100-01-6	ug/L	8/14/2008	ND	
MW-31R	d	4-Nitrophenol	100-02-7	ug/L	8/14/2008	ND	
MW-31R	d	5-Nitro-o-toluidine	99-55-8	ug/L	8/14/2008	ND	
MW-31R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	8/14/2008	ND	
MW-31R	d	Acenaphthene	83-32-9	ug/L	8/14/2008	ND	
MW-31R	d	Acenaphthylene	208-96-8	ug/L	8/14/2008	ND	
MW-31R	d	Acetonitrile	75-05-8	ug/L	8/14/2008	ND	
MW-31R	d	Acetophenone	98-86-2	ug/L	8/14/2008	ND	
MW-31R	d	Acrolein	107-02-8	ug/L	8/14/2008	ND	
MW-31R	d	Aldrin	309-00-2	ug/L	8/14/2008	ND	
MW-31R	d	3-Chloropropene	107-05-1	ug/L	8/14/2008	ND	
MW-31R	d	Alpha-BHC	319-84-6	ug/L	8/14/2008	ND	
MW-31R	d	Anthracene	120-12-7	ug/L	8/14/2008	ND	
MW-31R	d	Benzo [a] anthracene	56-55-3	ug/L	8/14/2008	ND	
MW-31R	d	Benzo [a] pyrene	50-32-8	ug/L	8/14/2008	ND	
MW-31R	d	Benzo [b] fluoranthene	205-99-2	ug/L	8/14/2008	ND	
MW-31R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	8/14/2008	ND	
MW-31R	d	Benzo [k] fluoranthene	207-08-9	ug/L	8/14/2008	ND	
MW-31R	d	Benzyl alcohol	100-51-6	ug/L	8/14/2008	ND	
MW-31R	d	Beta-BHC	319-85-7	ug/L	8/14/2008	ND	
MW-31R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	8/14/2008	ND	
MW-31R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	8/14/2008	ND	
MW-31R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	8/14/2008	ND	
MW-31R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	8/14/2008	ND	
MW-31R	d	Butyl benzyl phthalate	85-68-7	ug/L	8/14/2008	ND	
MW-31R	d	Chlorobenzilate	510-15-6	ug/L	8/14/2008	ND	
MW-31R	d	Chloroprene	126-99-8	ug/L	8/14/2008	ND	
MW-31R	d	Chrysene	218-01-9	ug/L	8/14/2008	ND	
MW-31R	d	Cyanide	57-12-5	mg/L	8/14/2008	ND	
MW-31R	d	Delta-BHC	319-86-8	ug/L	8/14/2008	ND	
MW-31R	d	Diallate [cis or trans]	2303-16-4	ug/L	8/14/2008	ND	
MW-31R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	8/14/2008	ND	
MW-31R	d	Dibenzofuran	132-64-9	ug/L	8/14/2008	ND	
MW-31R	d	Dichlorodifluoromethane	75-71-8	ug/L	8/14/2008	ND	
MW-31R	d	Dieldrin	60-57-1	ug/L	8/14/2008	ND	
MW-31R	d	Diethyl phthalate	84-66-2	ug/L	8/14/2008	ND	
MW-31R	d	Dimethoate	60-51-5	ug/L	8/14/2008	ND	
MW-31R	d	Dimethyl phthalate	131-11-3	ug/L	8/14/2008	ND	
MW-31R	d	Di-n-butyl phthalate	84-74-2	ug/L	8/14/2008	ND	
MW-31R	d	Di-n-octyl phthalate	117-84-0	ug/L	8/14/2008	ND	
MW-31R	d	Dinoseb	88-85-7	ug/L	8/14/2008	ND	
MW-31R	d	Diphenylamine	122-39-4	ug/L	8/14/2008	ND	
MW-31R	d	Disulfoton	298-04-4	ug/L	8/14/2008	ND	
MW-31R	d	Endosulfan I	959-98-8	ug/L	8/14/2008	ND	
MW-31R	d	Endosulfan II	33213-65-9	ug/L	8/14/2008	ND	
MW-31R	d	Endosulfan sulfate	1031-07-8	ug/L	8/14/2008	ND	
MW-31R	d	Endrin	72-20-8	ug/L	8/14/2008	ND	
MW-31R	d	Endrin aldehyde	7421-93-4	ug/L	8/14/2008	ND	
MW-31R	d	Ethyl Methacrylate	97-63-2	ug/L	8/14/2008	ND	
MW-31R	d	Ethyl Methanesulfonate	62-50-0	ug/L	8/14/2008	ND	
MW-31R	d	Famphur	52-85-7	ug/L	8/14/2008	ND	
MW-31R	d	Fluoranthene	206-44-0	ug/L	8/14/2008	ND	
MW-31R	d	Fluorene	86-73-7	ug/L	8/14/2008	ND	
MW-31R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	8/14/2008	ND	
MW-31R	d	Heptachlor	76-44-8	ug/L	8/14/2008	ND	
MW-31R	d	Heptachlor Epoxide	1024-57-3	ug/L	8/14/2008	ND	
MW-31R	d	Hexachlorobenzene	118-74-1	ug/L	8/14/2008	ND	
MW-31R	d	Hexachlorobutadiene	87-68-3	ug/L	8/14/2008	ND	
MW-31R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	8/14/2008	ND	
MW-31R	d	Hexachloroethane	67-72-1	ug/L	8/14/2008	ND	
MW-31R	d	Hexachloropropene	1888-71-7	ug/L	8/14/2008	ND	
MW-31R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	8/14/2008	ND	
MW-31R	d	Isobutanol	78-83-1	mg/L	8/14/2008	ND	
MW-31R	d	Isodrin	465-73-6	ug/L	8/14/2008	ND	
MW-31R	d	Isophorone	78-59-1	ug/L	8/14/2008	ND	
MW-31R	d	Isosafrole	120-58-1	ug/L	8/14/2008	ND	
MW-31R	d	Kepone	143-50-0	ug/L	8/14/2008	ND	
MW-31R	d	Methacrylonitrile	126-98-7	ug/L	8/14/2008	ND	
MW-31R	d	Methapyrilene	91-80-5	ug/L	8/14/2008	ND	
MW-31R	d	Methoxychlor	72-43-5	ug/L	8/14/2008	ND	
MW-31R	d	Methyl Methacrylate	80-62-6	ug/L	8/14/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	Methyl Methanesulfonate	66-27-3	ug/L	8/14/2008	ND	
MW-31R	d	Naphthalene	91-20-3	ug/L	8/14/2008	ND	
MW-31R	d	Nitrobenzene	98-95-3	ug/L	8/14/2008	ND	
MW-31R	d	N-Nitrosodiethylamine	55-18-5	ug/L	8/14/2008	ND	
MW-31R	d	N-Nitrosodimethylamine	62-75-9	ug/L	8/14/2008	ND	
MW-31R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	8/14/2008	ND	
MW-31R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	8/14/2008	ND	
MW-31R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	8/14/2008	ND	
MW-31R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	8/14/2008	ND	
MW-31R	d	N-Nitrosopiperidine	100-75-4	ug/L	8/14/2008	ND	
MW-31R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	8/14/2008	ND	
MW-31R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	8/14/2008	ND	
MW-31R	d	o-Toluidine	95-53-4	ug/L	8/14/2008	ND	
MW-31R	d	Dimethylaminoazobenzene	60-11-7	ug/L	8/14/2008	ND	
MW-31R	d	Parathion-Ethyl	56-38-2	ug/L	8/14/2008	ND	
MW-31R	d	Parathion-Methyl	298-00-0	ug/L	8/14/2008	ND	
MW-31R	d	PCB-1016	12674-11-2	ug/L	8/14/2008	ND	
MW-31R	d	PCB-1221	11104-28-2	ug/L	8/14/2008	ND	
MW-31R	d	PCB-1232	11141-16-5	ug/L	8/14/2008	ND	
MW-31R	d	PCB-1242	53469-21-9	ug/L	8/14/2008	ND	
MW-31R	d	PCB-1248	12672-29-6	ug/L	8/14/2008	ND	
MW-31R	d	PCB-1254	11097-69-1	ug/L	8/14/2008	ND	
MW-31R	d	PCB-1260	11096-82-5	ug/L	8/14/2008	ND	
MW-31R	d	Pentachlorobenzene	608-93-5	ug/L	8/14/2008	ND	
MW-31R	d	Pentachloronitrobenzene	82-68-8	ug/L	8/14/2008	ND	
MW-31R	d	Pentachlorophenol [2C]	87-86-5	ug/L	8/14/2008	ND	
MW-31R	d	Phenacetin	62-44-2	ug/L	8/14/2008	ND	
MW-31R	d	Phenanthrene	85-01-8	ug/L	8/14/2008	ND	
MW-31R	d	Phenol	108-95-2	ug/L	8/14/2008	ND	
MW-31R	d	Phorate	298-02-2	ug/L	8/14/2008	ND	
MW-31R	d	Pronamide	23950-58-5	ug/L	8/14/2008	ND	
MW-31R	d	Propionitrile	107-12-0	ug/L	8/14/2008	ND	
MW-31R	d	Pyrene	129-00-0	ug/L	8/14/2008	ND	
MW-31R	d	Safrole	94-59-7	ug/L	8/14/2008	ND	
MW-31R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	8/14/2008	ND	
MW-31R	d	Sulfide	18496-25-8	mg/L	8/14/2008	ND	
MW-31R	d	Thionazin	297-97-2	ug/L	8/14/2008	ND	
MW-31R	d	Toxaphene	8001-35-2	ug/L	8/14/2008	ND	
MW-31R	d	Methylene Bromide	74-95-3	ug/L	8/14/2008	ND	
MW-31R	d	PCB-1268	11100-14-4	ug/L	8/14/2008	ND	
MW-31R	d	Alpha-Chlordane	5103-71-9	ug/L	8/14/2008	ND	
MW-31R	d	Endrin ketone	53494-70-5	ug/L	8/14/2008	ND	
MW-31R	d	Gamma-Chlordane	5566-34-7	ug/L	8/14/2008	ND	
MW-31R	d	Pentachloroethane	76-01-7	ug/L	8/14/2008	ND	
MW-31R	d	Pyridine	110-86-1	ug/L	8/14/2008	ND	
MW-32R	d	Antimony	7440-36-0	mg/L	8/14/2008	ND	
MW-32R	d	Arsenic	7440-38-2	mg/L	8/14/2008		0.0055
MW-32R	d	Barium	7440-39-3	mg/L	8/14/2008		0.215
MW-32R	d	Beryllium	7440-41-7	mg/L	8/14/2008	ND	
MW-32R	d	Cadmium	7440-43-9	mg/L	8/14/2008	ND	
MW-32R	d	Chromium	7440-47-3	mg/L	8/14/2008	ND	
MW-32R	d	Cobalt	7440-48-4	mg/L	8/14/2008	NDX	
MW-32R	d	Copper	7440-50-8	mg/L	8/14/2008	ND	
MW-32R	d	Lead	7439-92-1	mg/L	8/14/2008	ND	
MW-32R	d	Nickel	7440-02-0	mg/L	8/14/2008	ND	
MW-32R	d	Selenium	7782-49-2	mg/L	8/14/2008	ND	
MW-32R	d	Silver	7440-22-4	mg/L	8/14/2008	ND	
MW-32R	d	Thallium	7440-28-0	mg/L	8/14/2008	ND	
MW-32R	d	Vanadium	7440-62-2	mg/L	8/14/2008	ND	
MW-32R	d	Zinc	7440-66-6	mg/L	8/14/2008	ND	
MW-32R	d	Mercury	7439-97-6	mg/L	8/14/2008	ND	
MW-32R	d	Tin	7440-31-5	mg/L	8/14/2008	ND	
MW-32R	d	Acetone	67-64-1	ug/L	8/14/2008	ND	
MW-32R	d	Acrylonitrile	107-13-1	ug/L	8/14/2008	ND	
MW-32R	d	Benzene	71-43-2	ug/L	8/14/2008	ND	
MW-32R	d	Bromochloromethane	74-97-5	ug/L	8/14/2008	ND	
MW-32R	d	Bromodichloromethane	75-27-4	ug/L	8/14/2008	ND	
MW-32R	d	Bromoform	75-25-2	ug/L	8/14/2008	ND	
MW-32R	d	Carbon Disulfide	75-15-0	ug/L	8/14/2008	ND	
MW-32R	d	Carbon Tetrachloride	56-23-5	ug/L	8/14/2008	ND	
MW-32R	d	Chlorobenzene	108-90-7	ug/L	8/14/2008	ND	
MW-32R	d	Chloroethane	75-00-3	ug/L	8/14/2008	ND	
MW-32R	d	Chloroform	67-66-3	ug/L	8/14/2008	ND	
MW-32R	d	Chlorodibromomethane	124-48-1	ug/L	8/14/2008	ND	
MW-32R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/14/2008	ND	
MW-32R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/14/2008	ND	
MW-32R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/14/2008	ND	
MW-32R	d	1,1-Dichloroethane	75-34-3	ug/L	8/14/2008	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	8/14/2008	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	8/14/2008	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/14/2008	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/14/2008	ND	
MW-32R	d	1,2-Dichloropropane	78-87-5	ug/L	8/14/2008	ND	
MW-32R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/14/2008	ND	
MW-32R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/14/2008	ND	
MW-32R	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/14/2008	ND	
MW-32R	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/14/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-32R	d	Ethylbenzene	100-41-4	ug/L	8/14/2008	ND	
MW-32R	d	2-Hexanone	591-78-6	ug/L	8/14/2008	ND	
MW-32R	d	Bromomethane	74-83-9	ug/L	8/14/2008	ND	
MW-32R	d	Chloromethane	74-87-3	ug/L	8/14/2008	ND	
MW-32R	d	2-Butanone	78-93-3	ug/L	8/14/2008	ND	
MW-32R	d	Iodomethane	74-88-4	ug/L	8/14/2008	ND	
MW-32R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/14/2008	ND	
MW-32R	d	Methylene Chloride	75-09-2	ug/L	8/14/2008	ND	
MW-32R	d	Styrene	100-42-5	ug/L	8/14/2008	ND	
MW-32R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/14/2008	ND	
MW-32R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/14/2008	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	8/14/2008	ND	
MW-32R	d	Toluene	108-88-3	ug/L	8/14/2008	ND	
MW-32R	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/14/2008	ND	
MW-32R	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/14/2008	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	8/14/2008	ND	
MW-32R	d	Trichlorofluoromethane	75-69-4	ug/L	8/14/2008	ND	
MW-32R	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/14/2008	ND	
MW-32R	d	Vinyl Acetate	108-05-4	ug/L	8/14/2008	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	8/14/2008	ND	
MW-32R	d	Xylenes, total	1330-20-7	ug/L	8/14/2008	ND	
MW-32R	d	1,1-Dichloropropene	563-58-6	ug/L	8/14/2008	ND	
MW-32R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	8/14/2008	ND	
MW-32R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	8/14/2008	ND	
MW-32R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	8/14/2008	ND	
MW-32R	d	1,3-Dichlorobenzene	541-73-1	ug/L	8/14/2008	ND	
MW-32R	d	1,3-Dichloropropane	142-28-9	ug/L	8/14/2008	ND	
MW-32R	d	1,3-Dinitrobenzene	99-65-0	ug/L	8/14/2008	ND	
MW-32R	d	1,4-Naphthoquinone	130-15-4	ug/L	8/14/2008	ND	
MW-32R	d	1,4-Phenylenediamine	106-50-3	ug/L	8/14/2008	ND	
MW-32R	d	1-Naphthylamine	134-32-7	ug/L	8/14/2008	ND	
MW-32R	d	2,2-Dichloropropane	594-20-7	ug/L	8/14/2008	ND	
MW-32R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	8/14/2008	ND	
MW-32R	d	2,4,5-T [2C]	93-76-5	ug/L	8/14/2008	ND	
MW-32R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	8/14/2008	ND	
MW-32R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	8/14/2008	ND	
MW-32R	d	2,4-D [2C]	94-75-7	ug/L	8/14/2008	ND	
MW-32R	d	2,4-Dichlorophenol	120-83-2	ug/L	8/14/2008	ND	
MW-32R	d	2,4-Dimethylphenol	105-67-9	ug/L	8/14/2008	ND	
MW-32R	d	2,4-Dinitrophenol	51-28-5	ug/L	8/14/2008	ND	
MW-32R	d	2,4-Dinitrotoluene	121-14-2	ug/L	8/14/2008	ND	
MW-32R	d	2,6-Dichlorophenol	87-65-0	ug/L	8/14/2008	ND	
MW-32R	d	2,6-Dinitrotoluene	606-20-2	ug/L	8/14/2008	ND	
MW-32R	d	2-Acetylaminofluorene	53-96-3	ug/L	8/14/2008	ND	
MW-32R	d	2-Chloronaphthalene	91-58-7	ug/L	8/14/2008	ND	
MW-32R	d	2-Chlorophenol	95-57-8	ug/L	8/14/2008	ND	
MW-32R	d	2-Methylnaphthalene	91-57-6	ug/L	8/14/2008	ND	
MW-32R	d	2-Methylphenol	95-48-7	ug/L	8/14/2008	ND	
MW-32R	d	2-Naphthylamine	91-59-8	ug/L	8/14/2008	ND	
MW-32R	d	2-Nitroaniline	88-74-4	ug/L	8/14/2008	ND	
MW-32R	d	2-Nitrophenol	88-75-5	ug/L	8/14/2008	ND	
MW-32R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	8/14/2008	ND	
MW-32R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	8/14/2008	ND	
MW-32R	d	3/4-Methylphenol	T-34MP	ug/L	8/14/2008	ND	
MW-32R	d	3-Methylcholanthrene	56-49-5	ug/L	8/14/2008	ND	
MW-32R	d	3-Nitroaniline	99-09-2	ug/L	8/14/2008	ND	
MW-32R	d	4,4`-DDD	72-54-8	ug/L	8/14/2008	ND	
MW-32R	d	4,4`-DDE	72-55-9	ug/L	8/14/2008	ND	
MW-32R	d	4,4`-DDT	50-29-3	ug/L	8/14/2008	ND	
MW-32R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	8/14/2008	ND	
MW-32R	d	4-Aminobiphenyl	92-67-1	ug/L	8/14/2008	ND	
MW-32R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	8/14/2008	ND	
MW-32R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	8/14/2008	ND	
MW-32R	d	4-Chloroaniline	106-47-8	ug/L	8/14/2008	ND	
MW-32R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	8/14/2008	ND	
MW-32R	d	4-Nitroaniline	100-01-6	ug/L	8/14/2008	ND	
MW-32R	d	4-Nitrophenol	100-02-7	ug/L	8/14/2008	ND	
MW-32R	d	5-Nitro-o-toluidine	99-55-8	ug/L	8/14/2008	ND	
MW-32R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	8/14/2008	ND	
MW-32R	d	Acenaphthene	83-32-9	ug/L	8/14/2008	ND	
MW-32R	d	Acenaphthylene	208-96-8	ug/L	8/14/2008	ND	
MW-32R	d	Acetonitrile	75-05-8	ug/L	8/14/2008	ND	
MW-32R	d	Acetophenone	98-86-2	ug/L	8/14/2008	ND	
MW-32R	d	Acrolein	107-02-8	ug/L	8/14/2008	ND	
MW-32R	d	Aldrin	309-00-2	ug/L	8/14/2008	ND	
MW-32R	d	3-Chloropropene	107-05-1	ug/L	8/14/2008	ND	
MW-32R	d	Alpha-BHC	319-84-6	ug/L	8/14/2008	ND	
MW-32R	d	Anthracene	120-12-7	ug/L	8/14/2008	ND	
MW-32R	d	Benzo [a] anthracene	56-55-3	ug/L	8/14/2008	ND	
MW-32R	d	Benzo [a] pyrene	50-32-8	ug/L	8/14/2008	ND	
MW-32R	d	Benzo [b] fluoranthene	205-99-2	ug/L	8/14/2008	ND	
MW-32R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	8/14/2008	ND	
MW-32R	d	Benzo [k] fluoranthene	207-08-9	ug/L	8/14/2008	ND	
MW-32R	d	Benzyl alcohol	100-51-6	ug/L	8/14/2008	ND	
MW-32R	d	Beta-BHC	319-85-7	ug/L	8/14/2008	ND	
MW-32R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	8/14/2008	ND	
MW-32R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	8/14/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-32R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	8/14/2008	ND	
MW-32R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	8/14/2008	ND	
MW-32R	d	Butyl benzyl phthalate	85-68-7	ug/L	8/14/2008	ND	
MW-32R	d	Chlorobenzilate	510-15-6	ug/L	8/14/2008	ND	
MW-32R	d	Chloroprene	126-99-8	ug/L	8/14/2008	ND	
MW-32R	d	Chrysene	218-01-9	ug/L	8/14/2008	ND	
MW-32R	d	Cyanide	57-12-5	mg/L	8/14/2008	ND	
MW-32R	d	Delta-BHC	319-86-8	ug/L	8/14/2008	ND	
MW-32R	d	Diallate [cis or trans]	2303-16-4	ug/L	8/14/2008	ND	
MW-32R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	8/14/2008	ND	
MW-32R	d	Dibenzofuran	132-64-9	ug/L	8/14/2008	ND	
MW-32R	d	Dichlorodifluoromethane	75-71-8	ug/L	8/14/2008	ND	
MW-32R	d	Dieldrin	60-57-1	ug/L	8/14/2008	ND	
MW-32R	d	Diethyl phthalate	84-66-2	ug/L	8/14/2008	ND	
MW-32R	d	Dimethoate	60-51-5	ug/L	8/14/2008	ND	
MW-32R	d	Dimethyl phthalate	131-11-3	ug/L	8/14/2008	ND	
MW-32R	d	Di-n-butyl phthalate	84-74-2	ug/L	8/14/2008	ND	
MW-32R	d	Di-n-octyl phthalate	117-84-0	ug/L	8/14/2008	ND	
MW-32R	d	Dinoseb	88-85-7	ug/L	8/14/2008	ND	
MW-32R	d	Diphenylamine	122-39-4	ug/L	8/14/2008	ND	
MW-32R	d	Disulfoton	298-04-4	ug/L	8/14/2008	ND	
MW-32R	d	Endosulfan I	959-98-8	ug/L	8/14/2008	ND	
MW-32R	d	Endosulfan II	33213-65-9	ug/L	8/14/2008	ND	
MW-32R	d	Endosulfan sulfate	1031-07-8	ug/L	8/14/2008	ND	
MW-32R	d	Endrin	72-20-8	ug/L	8/14/2008	ND	
MW-32R	d	Endrin aldehyde	7421-93-4	ug/L	8/14/2008	ND	
MW-32R	d	Ethyl Methacrylate	97-63-2	ug/L	8/14/2008	ND	
MW-32R	d	Ethyl Methanesulfonate	62-50-0	ug/L	8/14/2008	ND	
MW-32R	d	Famphur	52-85-7	ug/L	8/14/2008	ND	
MW-32R	d	Fluoranthene	206-44-0	ug/L	8/14/2008	ND	
MW-32R	d	Fluorene	86-73-7	ug/L	8/14/2008	ND	
MW-32R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	8/14/2008	ND	
MW-32R	d	Heptachlor	76-44-8	ug/L	8/14/2008	ND	
MW-32R	d	Heptachlor Epoxide	1024-57-3	ug/L	8/14/2008	ND	
MW-32R	d	Hexachlorobenzene	118-74-1	ug/L	8/14/2008	ND	
MW-32R	d	Hexachlorobutadiene	87-68-3	ug/L	8/14/2008	ND	
MW-32R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	8/14/2008	ND	
MW-32R	d	Hexachloroethane	67-72-1	ug/L	8/14/2008	ND	
MW-32R	d	Hexachloropropene	1888-71-7	ug/L	8/14/2008	ND	
MW-32R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	8/14/2008	ND	
MW-32R	d	Isobutanol	78-83-1	mg/L	8/14/2008	ND	
MW-32R	d	Isodrin	465-73-6	ug/L	8/14/2008	ND	
MW-32R	d	Isophorone	78-59-1	ug/L	8/14/2008	ND	
MW-32R	d	Isosafrole	120-58-1	ug/L	8/14/2008	ND	
MW-32R	d	Kepone	143-50-0	ug/L	8/14/2008	ND	
MW-32R	d	Methacrylonitrile	126-98-7	ug/L	8/14/2008	ND	
MW-32R	d	Methapyrilene	91-80-5	ug/L	8/14/2008	ND	
MW-32R	d	Methoxychlor	72-43-5	ug/L	8/14/2008	ND	
MW-32R	d	Methyl Methacrylate	80-62-6	ug/L	8/14/2008	ND	
MW-32R	d	Methyl Methanesulfonate	66-27-3	ug/L	8/14/2008	ND	
MW-32R	d	Naphthalene	91-20-3	ug/L	8/14/2008	ND	
MW-32R	d	Nitrobenzene	98-95-3	ug/L	8/14/2008	ND	
MW-32R	d	N-Nitrosodiethylamine	55-18-5	ug/L	8/14/2008	ND	
MW-32R	d	N-Nitrosodimethylamine	62-75-9	ug/L	8/14/2008	ND	
MW-32R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	8/14/2008	ND	
MW-32R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	8/14/2008	ND	
MW-32R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	8/14/2008	ND	
MW-32R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	8/14/2008	ND	
MW-32R	d	N-Nitrosopiperidine	100-75-4	ug/L	8/14/2008	ND	
MW-32R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	8/14/2008	ND	
MW-32R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	8/14/2008	ND	
MW-32R	d	o-Toluidine	95-53-4	ug/L	8/14/2008	ND	
MW-32R	d	Dimethylaminoazobenzene	60-11-7	ug/L	8/14/2008	ND	
MW-32R	d	Parathion-Ethyl	56-38-2	ug/L	8/14/2008	ND	
MW-32R	d	Parathion-Methyl	298-00-0	ug/L	8/14/2008	ND	
MW-32R	d	PCB-1016	12674-11-2	ug/L	8/14/2008	ND	
MW-32R	d	PCB-1221	11104-28-2	ug/L	8/14/2008	ND	
MW-32R	d	PCB-1232	11141-16-5	ug/L	8/14/2008	ND	
MW-32R	d	PCB-1242	53469-21-9	ug/L	8/14/2008	ND	
MW-32R	d	PCB-1248	12672-29-6	ug/L	8/14/2008	ND	
MW-32R	d	PCB-1254	11097-69-1	ug/L	8/14/2008	ND	
MW-32R	d	PCB-1260	11096-82-5	ug/L	8/14/2008	ND	
MW-32R	d	Pentachlorobenzene	608-93-5	ug/L	8/14/2008	ND	
MW-32R	d	Pentachloronitrobenzene	82-68-8	ug/L	8/14/2008	ND	
MW-32R	d	Pentachlorophenol [2C]	87-86-5	ug/L	8/14/2008	ND	
MW-32R	d	Phenacetin	62-44-2	ug/L	8/14/2008	ND	
MW-32R	d	Phenanthrene	85-01-8	ug/L	8/14/2008	ND	
MW-32R	d	Phenol	108-95-2	ug/L	8/14/2008	ND	
MW-32R	d	Phorate	298-02-2	ug/L	8/14/2008	ND	
MW-32R	d	Pronamide	23950-58-5	ug/L	8/14/2008	ND	
MW-32R	d	Propionitrile	107-12-0	ug/L	8/14/2008	ND	
MW-32R	d	Pyrene	129-00-0	ug/L	8/14/2008	ND	
MW-32R	d	Safrole	94-59-7	ug/L	8/14/2008	ND	
MW-32R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	8/14/2008	ND	
MW-32R	d	Sulfide	18496-25-8	mg/L	8/14/2008	ND	
MW-32R	d	Thionazin	297-97-2	ug/L	8/14/2008	ND	
MW-32R	d	Toxaphene	8001-35-2	ug/L	8/14/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-32R	d	Methylene Bromide	74-95-3	ug/L	8/14/2008	ND	
MW-32R	d	PCB-1268	11100-14-4	ug/L	8/14/2008	ND	
MW-32R	d	Alpha-Chlordane	5103-71-9	ug/L	8/14/2008	ND	
MW-32R	d	Endrin ketone	53494-70-5	ug/L	8/14/2008	ND	
MW-32R	d	Gamma-Chlordane	5566-34-7	ug/L	8/14/2008	ND	
MW-32R	d	Pentachloroethane	76-01-7	ug/L	8/14/2008	ND	
MW-32R	d	Pyridine	110-86-1	ug/L	8/14/2008	ND	
MW-39	d	Antimony	7440-36-0	mg/L	8/14/2008	ND	
MW-39	d	Arsenic	7440-38-2	mg/L	8/14/2008		0.00142
MW-39	d	Barium	7440-39-3	mg/L	8/14/2008		0.0693
MW-39	d	Beryllium	7440-41-7	mg/L	8/14/2008	ND	
MW-39	d	Cadmium	7440-43-9	mg/L	8/14/2008	ND	
MW-39	d	Chromium	7440-47-3	mg/L	8/14/2008	ND	
MW-39	d	Cobalt	7440-48-4	mg/L	8/14/2008		0.0201
MW-39	d	Copper	7440-50-8	mg/L	8/14/2008	ND	
MW-39	d	Lead	7439-92-1	mg/L	8/14/2008	ND	
MW-39	d	Nickel	7440-02-0	mg/L	8/14/2008	ND	
MW-39	d	Selenium	7782-49-2	mg/L	8/14/2008	ND	
MW-39	d	Silver	7440-22-4	mg/L	8/14/2008	ND	
MW-39	d	Thallium	7440-28-0	mg/L	8/14/2008	ND	
MW-39	d	Vanadium	7440-62-2	mg/L	8/14/2008	ND	
MW-39	d	Zinc	7440-66-6	mg/L	8/14/2008		0.0335
MW-39	d	Mercury	7439-97-6	mg/L	8/14/2008	ND	
MW-39	d	Tin	7440-31-5	mg/L	8/14/2008	ND	
MW-39	d	Acetone	67-64-1	ug/L	8/14/2008	ND	
MW-39	d	Acrylonitrile	107-13-1	ug/L	8/14/2008	ND	
MW-39	d	Benzene	71-43-2	ug/L	8/14/2008	ND	
MW-39	d	Bromochloromethane	74-97-5	ug/L	8/14/2008	ND	
MW-39	d	Bromodichloromethane	75-27-4	ug/L	8/14/2008	ND	
MW-39	d	Bromoform	75-25-2	ug/L	8/14/2008	ND	
MW-39	d	Carbon Disulfide	75-15-0	ug/L	8/14/2008	ND	
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	8/14/2008	ND	
MW-39	d	Chlorobenzene	108-90-7	ug/L	8/14/2008	ND	
MW-39	d	Chloroethane	75-00-3	ug/L	8/14/2008	ND	
MW-39	d	Chloroform	67-66-3	ug/L	8/14/2008	ND	
MW-39	d	Chlorodibromomethane	124-48-1	ug/L	8/14/2008	ND	
MW-39	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/14/2008	ND	
MW-39	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/14/2008	ND	
MW-39	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/14/2008	ND	
MW-39	d	1,1-Dichloroethane	75-34-3	ug/L	8/14/2008	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	8/14/2008	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	8/14/2008	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/14/2008	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/14/2008	ND	
MW-39	d	1,2-Dichloropropane	78-87-5	ug/L	8/14/2008	ND	
MW-39	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/14/2008	ND	
MW-39	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/14/2008	ND	
MW-39	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/14/2008	ND	
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/14/2008	ND	
MW-39	d	Ethylbenzene	100-41-4	ug/L	8/14/2008	ND	
MW-39	d	2-Hexanone	591-78-6	ug/L	8/14/2008	ND	
MW-39	d	Bromomethane	74-83-9	ug/L	8/14/2008	ND	
MW-39	d	Chloromethane	74-87-3	ug/L	8/14/2008	ND	
MW-39	d	2-Butanone	78-93-3	ug/L	8/14/2008	ND	
MW-39	d	Iodomethane	74-88-4	ug/L	8/14/2008	ND	
MW-39	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/14/2008	ND	
MW-39	d	Methylene Chloride	75-09-2	ug/L	8/14/2008	ND	
MW-39	d	Styrene	100-42-5	ug/L	8/14/2008	ND	
MW-39	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/14/2008	ND	
MW-39	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/14/2008	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	8/14/2008	ND	
MW-39	d	Toluene	108-88-3	ug/L	8/14/2008	ND	
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/14/2008	ND	
MW-39	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/14/2008	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	8/14/2008	ND	
MW-39	d	Trichlorofluoromethane	75-69-4	ug/L	8/14/2008	ND	
MW-39	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/14/2008	ND	
MW-39	d	Vinyl Acetate	108-05-4	ug/L	8/14/2008	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	8/14/2008	ND	
MW-39	d	Xylenes, total	1330-20-7	ug/L	8/14/2008	ND	
MW-39	d	1,1-Dichloropropene	563-58-6	ug/L	8/14/2008	ND	
MW-39	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	8/14/2008	ND	
MW-39	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	8/14/2008	ND	
MW-39	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	8/14/2008	ND	
MW-39	d	1,3-Dichlorobenzene	541-73-1	ug/L	8/14/2008	ND	
MW-39	d	1,3-Dichloropropane	142-28-9	ug/L	8/14/2008	ND	
MW-39	d	1,3-Dinitrobenzene	99-65-0	ug/L	8/14/2008	ND	
MW-39	d	1,4-Naphthoquinone	130-15-4	ug/L	8/14/2008	ND	
MW-39	d	1,4-Phenylenediamine	106-50-3	ug/L	8/14/2008	ND	
MW-39	d	1-Naphthylamine	134-32-7	ug/L	8/14/2008	ND	
MW-39	d	2,2-Dichloropropane	594-20-7	ug/L	8/14/2008	ND	
MW-39	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	8/14/2008	ND	
MW-39	d	2,4,5-T [2C]	93-76-5	ug/L	8/14/2008	ND	
MW-39	d	2,4,5-Trichlorophenol	95-95-4	ug/L	8/14/2008	ND	
MW-39	d	2,4,6-Trichlorophenol	88-06-2	ug/L	8/14/2008	ND	
MW-39	d	2,4-D [2C]	94-75-7	ug/L	8/14/2008	ND	
MW-39	d	2,4-Dichlorophenol	120-83-2	ug/L	8/14/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	2,4-Dimethylphenol	105-67-9	ug/L	8/14/2008	ND	
MW-39	d	2,4-Dinitrophenol	51-28-5	ug/L	8/14/2008	ND	
MW-39	d	2,4-Dinitrotoluene	121-14-2	ug/L	8/14/2008	ND	
MW-39	d	2,6-Dichlorophenol	87-65-0	ug/L	8/14/2008	ND	
MW-39	d	2,6-Dinitrotoluene	606-20-2	ug/L	8/14/2008	ND	
MW-39	d	2-Acetylaminofluorene	53-96-3	ug/L	8/14/2008	ND	
MW-39	d	2-Chloronaphthalene	91-58-7	ug/L	8/14/2008	ND	
MW-39	d	2-Chlorophenol	95-57-8	ug/L	8/14/2008	ND	
MW-39	d	2-Methylnaphthalene	91-57-6	ug/L	8/14/2008	ND	
MW-39	d	2-Methylphenol	95-48-7	ug/L	8/14/2008	ND	
MW-39	d	2-Naphthylamine	91-59-8	ug/L	8/14/2008	ND	
MW-39	d	2-Nitroaniline	88-74-4	ug/L	8/14/2008	ND	
MW-39	d	2-Nitrophenol	88-75-5	ug/L	8/14/2008	ND	
MW-39	d	3,3-Dichlorobenzidine	91-94-1	ug/L	8/14/2008	ND	
MW-39	d	3,3-Dimethylbenzidine	119-93-7	ug/L	8/14/2008	ND	
MW-39	d	3/4-Methylphenol	T-34MP	ug/L	8/14/2008	ND	
MW-39	d	3-Methylcholanthrene	56-49-5	ug/L	8/14/2008	ND	
MW-39	d	3-Nitroaniline	99-09-2	ug/L	8/14/2008	ND	
MW-39	d	4,4`-DDD	72-54-8	ug/L	8/14/2008	ND	
MW-39	d	4,4`-DDE	72-55-9	ug/L	8/14/2008	ND	
MW-39	d	4,4`-DDT	50-29-3	ug/L	8/14/2008	ND	
MW-39	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	8/14/2008	ND	
MW-39	d	4-Aminobiphenyl	92-67-1	ug/L	8/14/2008	ND	
MW-39	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	8/14/2008	ND	
MW-39	d	4-Chloro-3-methylphenol	59-50-7	ug/L	8/14/2008	ND	
MW-39	d	4-Chloroaniline	106-47-8	ug/L	8/14/2008	ND	
MW-39	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	8/14/2008	ND	
MW-39	d	4-Nitroaniline	100-01-6	ug/L	8/14/2008	ND	
MW-39	d	4-Nitrophenol	100-02-7	ug/L	8/14/2008	ND	
MW-39	d	5-Nitro-o-toluidine	99-55-8	ug/L	8/14/2008	ND	
MW-39	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	8/14/2008	ND	
MW-39	d	Acenaphthene	83-32-9	ug/L	8/14/2008	ND	
MW-39	d	Acenaphthylene	208-96-8	ug/L	8/14/2008	ND	
MW-39	d	Acetonitrile	75-05-8	ug/L	8/14/2008	ND	
MW-39	d	Acetophenone	98-86-2	ug/L	8/14/2008	ND	
MW-39	d	Acrolein	107-02-8	ug/L	8/14/2008	ND	
MW-39	d	Aldrin	309-00-2	ug/L	8/14/2008	ND	
MW-39	d	3-Chloropropene	107-05-1	ug/L	8/14/2008	ND	
MW-39	d	Alpha-BHC	319-84-6	ug/L	8/14/2008	ND	
MW-39	d	Anthracene	120-12-7	ug/L	8/14/2008	ND	
MW-39	d	Benzo [a] anthracene	56-55-3	ug/L	8/14/2008	ND	
MW-39	d	Benzo [a] pyrene	50-32-8	ug/L	8/14/2008	ND	
MW-39	d	Benzo [b] fluoranthene	205-99-2	ug/L	8/14/2008	ND	
MW-39	d	Benzo [g,h,i] perylene	191-24-2	ug/L	8/14/2008	ND	
MW-39	d	Benzo [k] fluoranthene	207-08-9	ug/L	8/14/2008	ND	
MW-39	d	Benzyl alcohol	100-51-6	ug/L	8/14/2008	ND	
MW-39	d	Beta-BHC	319-85-7	ug/L	8/14/2008	ND	
MW-39	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	8/14/2008	ND	
MW-39	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	8/14/2008	ND	
MW-39	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	8/14/2008	ND	
MW-39	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	8/14/2008	ND	
MW-39	d	Butyl benzyl phthalate	85-68-7	ug/L	8/14/2008	ND	
MW-39	d	Chlorobenzilate	510-15-6	ug/L	8/14/2008	ND	
MW-39	d	Chloroprene	126-99-8	ug/L	8/14/2008	ND	
MW-39	d	Chrysene	218-01-9	ug/L	8/14/2008	ND	
MW-39	d	Cyanide	57-12-5	mg/L	8/14/2008	ND	
MW-39	d	Delta-BHC	319-86-8	ug/L	8/14/2008	ND	
MW-39	d	Diallate [cis or trans]	2303-16-4	ug/L	8/14/2008	ND	
MW-39	d	Dibenz [a,h] anthracene	53-70-3	ug/L	8/14/2008	ND	
MW-39	d	Dibenzofuran	132-64-9	ug/L	8/14/2008	ND	
MW-39	d	Dichlorodifluoromethane	75-71-8	ug/L	8/14/2008	ND	
MW-39	d	Dieldrin	60-57-1	ug/L	8/14/2008	ND	
MW-39	d	Diethyl phthalate	84-66-2	ug/L	8/14/2008	ND	
MW-39	d	Dimethoate	60-51-5	ug/L	8/14/2008	ND	
MW-39	d	Dimethyl phthalate	131-11-3	ug/L	8/14/2008	ND	
MW-39	d	Di-n-butyl phthalate	84-74-2	ug/L	8/14/2008	ND	
MW-39	d	Di-n-octyl phthalate	117-84-0	ug/L	8/14/2008	ND	
MW-39	d	Dinoseb	88-85-7	ug/L	8/14/2008	ND	
MW-39	d	Diphenylamine	122-39-4	ug/L	8/14/2008	ND	
MW-39	d	Disulfoton	298-04-4	ug/L	8/14/2008	ND	
MW-39	d	Endosulfan I	959-98-8	ug/L	8/14/2008	ND	
MW-39	d	Endosulfan II	33213-65-9	ug/L	8/14/2008	ND	
MW-39	d	Endosulfan sulfate	1031-07-8	ug/L	8/14/2008	ND	
MW-39	d	Endrin	72-20-8	ug/L	8/14/2008	ND	
MW-39	d	Endrin aldehyde	7421-93-4	ug/L	8/14/2008	ND	
MW-39	d	Ethyl Methacrylate	97-63-2	ug/L	8/14/2008	ND	
MW-39	d	Ethyl Methanesulfonate	62-50-0	ug/L	8/14/2008	ND	
MW-39	d	Famphur	52-85-7	ug/L	8/14/2008	ND	
MW-39	d	Fluoranthene	206-44-0	ug/L	8/14/2008	ND	
MW-39	d	Fluorene	86-73-7	ug/L	8/14/2008	ND	
MW-39	d	Gamma-BHC [Lindane]	58-89-9	ug/L	8/14/2008	ND	
MW-39	d	Heptachlor	76-44-8	ug/L	8/14/2008	ND	
MW-39	d	Heptachlor Epoxide	1024-57-3	ug/L	8/14/2008	ND	
MW-39	d	Hexachlorobenzene	118-74-1	ug/L	8/14/2008	ND	
MW-39	d	Hexachlorobutadiene	87-68-3	ug/L	8/14/2008	ND	
MW-39	d	Hexachlorocyclopentadiene	77-47-4	ug/L	8/14/2008	ND	
MW-39	d	Hexachloroethane	67-72-1	ug/L	8/14/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	Hexachloropropene	1888-71-7	ug/L	8/14/2008	ND	
MW-39	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	8/14/2008	ND	
MW-39	d	Isobutanol	78-83-1	mg/L	8/14/2008	ND	
MW-39	d	Isodrin	465-73-6	ug/L	8/14/2008	ND	
MW-39	d	Isophorone	78-59-1	ug/L	8/14/2008	ND	
MW-39	d	Isosafrole	120-58-1	ug/L	8/14/2008	ND	
MW-39	d	Kepone	143-50-0	ug/L	8/14/2008	ND	
MW-39	d	Methacrylonitrile	126-98-7	ug/L	8/14/2008	ND	
MW-39	d	Methapyrilene	91-80-5	ug/L	8/14/2008	ND	
MW-39	d	Methoxychlor	72-43-5	ug/L	8/14/2008	ND	
MW-39	d	Methyl Methacrylate	80-62-6	ug/L	8/14/2008	ND	
MW-39	d	Methyl Methanesulfonate	66-27-3	ug/L	8/14/2008	ND	
MW-39	d	Naphthalene	91-20-3	ug/L	8/14/2008	ND	
MW-39	d	Nitrobenzene	98-95-3	ug/L	8/14/2008	ND	
MW-39	d	N-Nitrosodiethylamine	55-18-5	ug/L	8/14/2008	ND	
MW-39	d	N-Nitrosodimethylamine	62-75-9	ug/L	8/14/2008	ND	
MW-39	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	8/14/2008	ND	
MW-39	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	8/14/2008	ND	
MW-39	d	N-Nitrosodiphenylamine	86-30-6	ug/L	8/14/2008	ND	
MW-39	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	8/14/2008	ND	
MW-39	d	N-Nitrosopiperidine	100-75-4	ug/L	8/14/2008	ND	
MW-39	d	N-Nitrosopyrrolidine	930-55-2	ug/L	8/14/2008	ND	
MW-39	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	8/14/2008	ND	
MW-39	d	o-Toluidine	95-53-4	ug/L	8/14/2008	ND	
MW-39	d	Dimethylaminoazobenzene	60-11-7	ug/L	8/14/2008	ND	
MW-39	d	Parathion-Ethyl	56-38-2	ug/L	8/14/2008	ND	
MW-39	d	Parathion-Methyl	298-00-0	ug/L	8/14/2008	ND	
MW-39	d	PCB-1016	12674-11-2	ug/L	8/14/2008	ND	
MW-39	d	PCB-1221	11104-28-2	ug/L	8/14/2008	ND	
MW-39	d	PCB-1232	11141-16-5	ug/L	8/14/2008	ND	
MW-39	d	PCB-1242	53469-21-9	ug/L	8/14/2008	ND	
MW-39	d	PCB-1248	12672-29-6	ug/L	8/14/2008	ND	
MW-39	d	PCB-1254	11097-69-1	ug/L	8/14/2008	ND	
MW-39	d	PCB-1260	11096-82-5	ug/L	8/14/2008	ND	
MW-39	d	Pentachlorobenzene	608-93-5	ug/L	8/14/2008	ND	
MW-39	d	Pentachloronitrobenzene	82-68-8	ug/L	8/14/2008	ND	
MW-39	d	Pentachlorophenol [2C]	87-86-5	ug/L	8/14/2008	ND	
MW-39	d	Phenacetin	62-44-2	ug/L	8/14/2008	ND	
MW-39	d	Phenanthrene	85-01-8	ug/L	8/14/2008	ND	
MW-39	d	Phenol	108-95-2	ug/L	8/14/2008	ND	
MW-39	d	Phorate	298-02-2	ug/L	8/14/2008	ND	
MW-39	d	Pronamide	23950-58-5	ug/L	8/14/2008	ND	
MW-39	d	Propionitrile	107-12-0	ug/L	8/14/2008	ND	
MW-39	d	Pyrene	129-00-0	ug/L	8/14/2008	ND	
MW-39	d	Safrole	94-59-7	ug/L	8/14/2008	ND	
MW-39	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	8/14/2008	ND	
MW-39	d	Sulfide	18496-25-8	mg/L	8/14/2008	ND	
MW-39	d	Thionazin	297-97-2	ug/L	8/14/2008	ND	
MW-39	d	Toxaphene	8001-35-2	ug/L	8/14/2008	ND	
MW-39	d	Methylene Bromide	74-95-3	ug/L	8/14/2008	ND	
MW-39	d	PCB-1268	11100-14-4	ug/L	8/14/2008	ND	
MW-39	d	Alpha-Chlordane	5103-71-9	ug/L	8/14/2008	ND	
MW-39	d	Endrin ketone	53494-70-5	ug/L	8/14/2008	ND	
MW-39	d	Gamma-Chlordane	5566-34-7	ug/L	8/14/2008	ND	
MW-39	d	Pentachloroethane	76-01-7	ug/L	8/14/2008	ND	
MW-39	d	Pyridine	110-86-1	ug/L	8/14/2008	ND	
MW-20	d	Antimony	7440-36-0	mg/L	10/17/2008	ND	
MW-20	d	Arsenic	7440-38-2	mg/L	10/17/2008		0.0097
MW-20	d	Barium	7440-39-3	mg/L	10/17/2008		0.386
MW-20	d	Beryllium	7440-41-7	mg/L	10/17/2008	ND	
MW-20	d	Cadmium	7440-43-9	mg/L	10/17/2008	ND	
MW-20	d	Chromium	7440-47-3	mg/L	10/17/2008	ND	
MW-20	d	Cobalt	7440-48-4	mg/L	10/17/2008	NDX	
MW-20	d	Copper	7440-50-8	mg/L	10/17/2008	ND	
MW-20	d	Lead	7439-92-1	mg/L	10/17/2008	ND	
MW-20	d	Nickel	7440-02-0	mg/L	10/17/2008	ND	
MW-20	d	Selenium	7782-49-2	mg/L	10/17/2008	ND	
MW-20	d	Silver	7440-22-4	mg/L	10/17/2008	ND	
MW-20	d	Thallium	7440-28-0	mg/L	10/17/2008	ND	
MW-20	d	Vanadium	7440-62-2	mg/L	10/17/2008	ND	
MW-20	d	Zinc	7440-66-6	mg/L	10/17/2008	ND	
MW-20	d	Acetone	67-64-1	ug/L	10/17/2008	ND	
MW-20	d	Acrylonitrile	107-13-1	ug/L	10/17/2008	ND	
MW-20	d	Benzene	71-43-2	ug/L	10/17/2008	ND	
MW-20	d	Bromochloromethane	74-97-5	ug/L	10/17/2008	ND	
MW-20	d	Bromodichloromethane	75-27-4	ug/L	10/17/2008	ND	
MW-20	d	Bromoform	75-25-2	ug/L	10/17/2008	ND	
MW-20	d	Carbon Disulfide	75-15-0	ug/L	10/17/2008	ND	
MW-20	d	Carbon Tetrachloride	56-23-5	ug/L	10/17/2008	ND	
MW-20	d	Chlorobenzene	108-90-7	ug/L	10/17/2008	ND	
MW-20	d	Chloroethane	75-00-3	ug/L	10/17/2008	ND	
MW-20	d	Chloroform	67-66-3	ug/L	10/17/2008	ND	
MW-20	d	Chlorodibromomethane	124-48-1	ug/L	10/17/2008	ND	
MW-20	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/17/2008	ND	
MW-20	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/17/2008	ND	
MW-20	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/17/2008	ND	
MW-20	d	1,1-Dichloroethane	75-34-3	ug/L	10/17/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-20	d	1,2-Dichloroethane	107-06-2	ug/L	10/17/2008	ND	
MW-20	d	1,1-Dichloroethene	75-35-4	ug/L	10/17/2008	ND	
MW-20	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2008	ND	
MW-20	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2008	ND	
MW-20	d	1,2-Dichloropropane	78-87-5	ug/L	10/17/2008	ND	
MW-20	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/17/2008	ND	
MW-20	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/17/2008	ND	
MW-20	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/17/2008	ND	
MW-20	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/17/2008	ND	
MW-20	d	Ethylbenzene	100-41-4	ug/L	10/17/2008	ND	
MW-20	d	2-Hexanone	591-78-6	ug/L	10/17/2008	ND	
MW-20	d	Bromomethane	74-83-9	ug/L	10/17/2008	ND	
MW-20	d	Chloromethane	74-87-3	ug/L	10/17/2008	ND	
MW-20	d	2-Butanone	78-93-3	ug/L	10/17/2008	ND	
MW-20	d	Iodomethane	74-88-4	ug/L	10/17/2008	ND	
MW-20	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/17/2008	ND	
MW-20	d	Methylene Chloride	75-09-2	ug/L	10/17/2008	ND	
MW-20	d	Styrene	100-42-5	ug/L	10/17/2008	ND	
MW-20	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/17/2008	ND	
MW-20	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/17/2008	ND	
MW-20	d	Tetrachloroethene	127-18-4	ug/L	10/17/2008	ND	
MW-20	d	Toluene	108-88-3	ug/L	10/17/2008	ND	
MW-20	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/17/2008	ND	
MW-20	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/17/2008	ND	
MW-20	d	Trichloroethene	79-01-6	ug/L	10/17/2008	ND	
MW-20	d	Trichlorofluoromethane	75-69-4	ug/L	10/17/2008	ND	
MW-20	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/17/2008	ND	
MW-20	d	Vinyl Acetate	108-05-4	ug/L	10/17/2008	ND	
MW-20	d	Vinyl Chloride	75-01-4	ug/L	10/17/2008	ND	
MW-20	d	Xylenes, total	1330-20-7	ug/L	10/17/2008	ND	
MW-20	d	Methylene Bromide	74-95-3	ug/L	10/17/2008	ND	
MW-29	d	Antimony	7440-36-0	mg/L	10/17/2008	ND	
MW-29	d	Arsenic	7440-38-2	mg/L	10/17/2008		0.00712
MW-29	d	Barium	7440-39-3	mg/L	10/17/2008		2.23
MW-29	d	Beryllium	7440-41-7	mg/L	10/17/2008	ND	
MW-29	d	Cadmium	7440-43-9	mg/L	10/17/2008	ND	
MW-29	d	Chromium	7440-47-3	mg/L	10/17/2008	ND	
MW-29	d	Cobalt	7440-48-4	mg/L	10/17/2008		0.0458
MW-29	d	Copper	7440-50-8	mg/L	10/17/2008	ND	
MW-29	d	Lead	7439-92-1	mg/L	10/17/2008	ND	
MW-29	d	Nickel	7440-02-0	mg/L	10/17/2008		0.0794
MW-29	d	Selenium	7782-49-2	mg/L	10/17/2008	ND	
MW-29	d	Silver	7440-22-4	mg/L	10/17/2008	ND	
MW-29	d	Thallium	7440-28-0	mg/L	10/17/2008	ND	
MW-29	d	Vanadium	7440-62-2	mg/L	10/17/2008	ND	
MW-29	d	Zinc	7440-66-6	mg/L	10/17/2008		0.0401
MW-29	d	Acetone	67-64-1	ug/L	10/17/2008	ND	
MW-29	d	Acrylonitrile	107-13-1	ug/L	10/17/2008	ND	
MW-29	d	Benzene	71-43-2	ug/L	10/17/2008		5.57
MW-29	d	Bromochloromethane	74-97-5	ug/L	10/17/2008	ND	
MW-29	d	Bromodichloromethane	75-27-4	ug/L	10/17/2008	ND	
MW-29	d	Bromoform	75-25-2	ug/L	10/17/2008	ND	
MW-29	d	Carbon Disulfide	75-15-0	ug/L	10/17/2008	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	10/17/2008	ND	
MW-29	d	Chlorobenzene	108-90-7	ug/L	10/17/2008		5.59
MW-29	d	Chloroethane	75-00-3	ug/L	10/17/2008	ND	
MW-29	d	Chloroform	67-66-3	ug/L	10/17/2008	ND	
MW-29	d	Chlorodibromomethane	124-48-1	ug/L	10/17/2008	ND	
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/17/2008	ND	
MW-29	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/17/2008	ND	
MW-29	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/17/2008	ND	
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	10/17/2008		4.77
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	10/17/2008	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	10/17/2008	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2008		18.4
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2008		1.31
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	10/17/2008		1.55
MW-29	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/17/2008	ND	
MW-29	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/17/2008	ND	
MW-29	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/17/2008	ND	
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/17/2008		7.85
MW-29	d	Ethylbenzene	100-41-4	ug/L	10/17/2008	ND	
MW-29	d	2-Hexanone	591-78-6	ug/L	10/17/2008	ND	
MW-29	d	Bromomethane	74-83-9	ug/L	10/17/2008	ND	
MW-29	d	Chloromethane	74-87-3	ug/L	10/17/2008	ND	
MW-29	d	2-Butanone	78-93-3	ug/L	10/17/2008	ND	
MW-29	d	Iodomethane	74-88-4	ug/L	10/17/2008	ND	
MW-29	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/17/2008	ND	
MW-29	d	Methylene Chloride	75-09-2	ug/L	10/17/2008	ND	
MW-29	d	Styrene	100-42-5	ug/L	10/17/2008	ND	
MW-29	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/17/2008	ND	
MW-29	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/17/2008	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	10/17/2008		1.02
MW-29	d	Toluene	108-88-3	ug/L	10/17/2008	ND	
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/17/2008	ND	
MW-29	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/17/2008	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	10/17/2008		3.31

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Trichlorofluoromethane	75-69-4	ug/L	10/17/2008	ND	
MW-29	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/17/2008	ND	
MW-29	d	Vinyl Acetate	108-05-4	ug/L	10/17/2008	ND	
MW-29	d	Vinyl Chloride	75-01-4	ug/L	10/17/2008		3.28
MW-29	d	Xylenes, total	1330-20-7	ug/L	10/17/2008	ND	
MW-29	d	Methylene Bromide	74-95-3	ug/L	10/17/2008	ND	
MW-29	d	Alpha-Chlordane	5103-71-9	ug/L	10/17/2008	ND	
MW-31R	d	Antimony	7440-36-0	mg/L	10/17/2008	ND	
MW-31R	d	Arsenic	7440-38-2	mg/L	10/17/2008		0.00277
MW-31R	d	Barium	7440-39-3	mg/L	10/17/2008		0.415
MW-31R	d	Beryllium	7440-41-7	mg/L	10/17/2008	ND	
MW-31R	d	Cadmium	7440-43-9	mg/L	10/17/2008	ND	
MW-31R	d	Chromium	7440-47-3	mg/L	10/17/2008	ND	
MW-31R	d	Cobalt	7440-48-4	mg/L	10/17/2008	NDX	
MW-31R	d	Copper	7440-50-8	mg/L	10/17/2008	ND	
MW-31R	d	Lead	7439-92-1	mg/L	10/17/2008	ND	
MW-31R	d	Nickel	7440-02-0	mg/L	10/17/2008	ND	
MW-31R	d	Selenium	7782-49-2	mg/L	10/17/2008	ND	
MW-31R	d	Silver	7440-22-4	mg/L	10/17/2008	ND	
MW-31R	d	Thallium	7440-28-0	mg/L	10/17/2008	ND	
MW-31R	d	Vanadium	7440-62-2	mg/L	10/17/2008	ND	
MW-31R	d	Zinc	7440-66-6	mg/L	10/17/2008	ND	
MW-31R	d	Acetone	67-64-1	ug/L	10/17/2008	ND	
MW-31R	d	Acrylonitrile	107-13-1	ug/L	10/17/2008	ND	
MW-31R	d	Benzene	71-43-2	ug/L	10/17/2008	ND	
MW-31R	d	Bromochloromethane	74-97-5	ug/L	10/17/2008	ND	
MW-31R	d	Bromodichloromethane	75-27-4	ug/L	10/17/2008	ND	
MW-31R	d	Bromoform	75-25-2	ug/L	10/17/2008	ND	
MW-31R	d	Carbon Disulfide	75-15-0	ug/L	10/17/2008	ND	
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	10/17/2008	ND	
MW-31R	d	Chlorobenzene	108-90-7	ug/L	10/17/2008	ND	
MW-31R	d	Chloroethane	75-00-3	ug/L	10/17/2008	ND	
MW-31R	d	Chloroform	67-66-3	ug/L	10/17/2008	ND	
MW-31R	d	Chlorodibromomethane	124-48-1	ug/L	10/17/2008	ND	
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/17/2008	ND	
MW-31R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/17/2008	ND	
MW-31R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/17/2008	ND	
MW-31R	d	1,1-Dichloroethane	75-34-3	ug/L	10/17/2008	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	10/17/2008	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	10/17/2008	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2008	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2008	ND	
MW-31R	d	1,2-Dichloropropane	78-87-5	ug/L	10/17/2008	ND	
MW-31R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/17/2008	ND	
MW-31R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/17/2008	ND	
MW-31R	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/17/2008	ND	
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/17/2008	ND	
MW-31R	d	Ethylbenzene	100-41-4	ug/L	10/17/2008	ND	
MW-31R	d	2-Hexanone	591-78-6	ug/L	10/17/2008	ND	
MW-31R	d	Bromomethane	74-83-9	ug/L	10/17/2008	ND	
MW-31R	d	Chloromethane	74-87-3	ug/L	10/17/2008	ND	
MW-31R	d	2-Butanone	78-93-3	ug/L	10/17/2008	ND	
MW-31R	d	Iodomethane	74-88-4	ug/L	10/17/2008	ND	
MW-31R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/17/2008	ND	
MW-31R	d	Methylene Chloride	75-09-2	ug/L	10/17/2008	ND	
MW-31R	d	Styrene	100-42-5	ug/L	10/17/2008	ND	
MW-31R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/17/2008	ND	
MW-31R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/17/2008	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	10/17/2008	ND	
MW-31R	d	Toluene	108-88-3	ug/L	10/17/2008	ND	
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/17/2008	ND	
MW-31R	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/17/2008	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	10/17/2008	ND	
MW-31R	d	Trichlorofluoromethane	75-69-4	ug/L	10/17/2008	ND	
MW-31R	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/17/2008	ND	
MW-31R	d	Vinyl Acetate	108-05-4	ug/L	10/17/2008	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	10/17/2008	ND	
MW-31R	d	Xylenes, total	1330-20-7	ug/L	10/17/2008	ND	
MW-31R	d	Methylene Bromide	74-95-3	ug/L	10/17/2008	ND	
MW-39	d	Antimony	7440-36-0	mg/L	10/17/2008	ND	
MW-39	d	Arsenic	7440-38-2	mg/L	10/17/2008		0.00716
MW-39	d	Barium	7440-39-3	mg/L	10/17/2008		0.0634
MW-39	d	Beryllium	7440-41-7	mg/L	10/17/2008	ND	
MW-39	d	Cadmium	7440-43-9	mg/L	10/17/2008	ND	
MW-39	d	Chromium	7440-47-3	mg/L	10/17/2008	ND	
MW-39	d	Cobalt	7440-48-4	mg/L	10/17/2008		0.0542
MW-39	d	Copper	7440-50-8	mg/L	10/17/2008	ND	
MW-39	d	Lead	7439-92-1	mg/L	10/17/2008	ND	
MW-39	d	Nickel	7440-02-0	mg/L	10/17/2008	ND	
MW-39	d	Selenium	7782-49-2	mg/L	10/17/2008	ND	
MW-39	d	Silver	7440-22-4	mg/L	10/17/2008	ND	
MW-39	d	Thallium	7440-28-0	mg/L	10/17/2008	ND	
MW-39	d	Vanadium	7440-62-2	mg/L	10/17/2008	ND	
MW-39	d	Zinc	7440-66-6	mg/L	10/17/2008		0.0379
MW-39	d	Acetone	67-64-1	ug/L	10/17/2008	ND	
MW-39	d	Acrylonitrile	107-13-1	ug/L	10/17/2008	ND	
MW-39	d	Benzene	71-43-2	ug/L	10/17/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	Bromochloromethane	74-97-5	ug/L	10/17/2008	ND	
MW-39	d	Bromodichloromethane	75-27-4	ug/L	10/17/2008	ND	
MW-39	d	Bromoform	75-25-2	ug/L	10/17/2008	ND	
MW-39	d	Carbon Disulfide	75-15-0	ug/L	10/17/2008	ND	
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	10/17/2008	ND	
MW-39	d	Chlorobenzene	108-90-7	ug/L	10/17/2008	ND	
MW-39	d	Chloroethane	75-00-3	ug/L	10/17/2008	ND	
MW-39	d	Chloroform	67-66-3	ug/L	10/17/2008	ND	
MW-39	d	Chlorodibromomethane	124-48-1	ug/L	10/17/2008	ND	
MW-39	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/17/2008	ND	
MW-39	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/17/2008	ND	
MW-39	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/17/2008	ND	
MW-39	d	1,1-Dichloroethane	75-34-3	ug/L	10/17/2008	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	10/17/2008	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	10/17/2008	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2008	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2008	ND	
MW-39	d	1,2-Dichloropropane	78-87-5	ug/L	10/17/2008	ND	
MW-39	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/17/2008	ND	
MW-39	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/17/2008	ND	
MW-39	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/17/2008	ND	
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/17/2008	ND	
MW-39	d	Ethylbenzene	100-41-4	ug/L	10/17/2008	ND	
MW-39	d	2-Hexanone	591-78-6	ug/L	10/17/2008	ND	
MW-39	d	Bromomethane	74-83-9	ug/L	10/17/2008	ND	
MW-39	d	Chloromethane	74-87-3	ug/L	10/17/2008	ND	
MW-39	d	2-Butanone	78-93-3	ug/L	10/17/2008	ND	
MW-39	d	Iodomethane	74-88-4	ug/L	10/17/2008	ND	
MW-39	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/17/2008	ND	
MW-39	d	Methylene Chloride	75-09-2	ug/L	10/17/2008	ND	
MW-39	d	Styrene	100-42-5	ug/L	10/17/2008	ND	
MW-39	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/17/2008	ND	
MW-39	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/17/2008	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	10/17/2008	ND	
MW-39	d	Toluene	108-88-3	ug/L	10/17/2008	ND	
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/17/2008	ND	
MW-39	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/17/2008	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	10/17/2008	ND	
MW-39	d	Trichlorofluoromethane	75-69-4	ug/L	10/17/2008	ND	
MW-39	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/17/2008	ND	
MW-39	d	Vinyl Acetate	108-05-4	ug/L	10/17/2008	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	10/17/2008	ND	
MW-39	d	Xylenes, total	1330-20-7	ug/L	10/17/2008	ND	
MW-39	d	Methylene Bromide	74-95-3	ug/L	10/17/2008	ND	
MW-21	d	Antimony	7440-36-0	mg/L	11/11/2008	ND	
MW-21	d	Arsenic	7440-38-2	mg/L	11/11/2008		0.0169
MW-21	d	Barium	7440-39-3	mg/L	11/11/2008		0.98
MW-21	d	Beryllium	7440-41-7	mg/L	11/11/2008	ND	
MW-21	d	Cadmium	7440-43-9	mg/L	11/11/2008		0.00102
MW-21	d	Chromium	7440-47-3	mg/L	11/11/2008	ND	
MW-21	d	Cobalt	7440-48-4	mg/L	11/11/2008	NDX	
MW-21	d	Copper	7440-50-8	mg/L	11/11/2008	ND	
MW-21	d	Lead	7439-92-1	mg/L	11/11/2008	ND	
MW-21	d	Nickel	7440-02-0	mg/L	11/11/2008	ND	
MW-21	d	Selenium	7782-49-2	mg/L	11/11/2008	ND	
MW-21	d	Silver	7440-22-4	mg/L	11/11/2008	ND	
MW-21	d	Thallium	7440-28-0	mg/L	11/11/2008	ND	
MW-21	d	Vanadium	7440-62-2	mg/L	11/11/2008	ND	
MW-21	d	Zinc	7440-66-6	mg/L	11/11/2008		0.0526
MW-21	d	Acetone	67-64-1	ug/L	11/11/2008	ND	
MW-21	d	Acrylonitrile	107-13-1	ug/L	11/11/2008	ND	
MW-21	d	Benzene	71-43-2	ug/L	11/11/2008	ND	
MW-21	d	Bromochloromethane	74-97-5	ug/L	11/11/2008	ND	
MW-21	d	Bromodichloromethane	75-27-4	ug/L	11/11/2008	ND	
MW-21	d	Bromoform	75-25-2	ug/L	11/11/2008	ND	
MW-21	d	Carbon Disulfide	75-15-0	ug/L	11/11/2008	ND	
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	11/11/2008	ND	
MW-21	d	Chlorobenzene	108-90-7	ug/L	11/11/2008	ND	
MW-21	d	Chloroethane	75-00-3	ug/L	11/11/2008	ND	
MW-21	d	Chloroform	67-66-3	ug/L	11/11/2008	ND	
MW-21	d	Chlorodibromomethane	124-48-1	ug/L	11/11/2008	ND	
MW-21	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/11/2008	ND	
MW-21	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/11/2008	ND	
MW-21	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/11/2008	ND	
MW-21	d	1,1-Dichloroethane	75-34-3	ug/L	11/11/2008	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	11/11/2008	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	11/11/2008	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/11/2008	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/11/2008	ND	
MW-21	d	1,2-Dichloropropane	78-87-5	ug/L	11/11/2008	ND	
MW-21	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/11/2008	ND	
MW-21	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/11/2008	ND	
MW-21	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/11/2008	ND	
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/11/2008	ND	
MW-21	d	Ethylbenzene	100-41-4	ug/L	11/11/2008	ND	
MW-21	d	2-Hexanone	591-78-6	ug/L	11/11/2008	ND	
MW-21	d	Bromomethane	74-83-9	ug/L	11/11/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-21	d	Chloromethane	74-87-3	ug/L	11/11/2008	ND	
MW-21	d	2-Butanone	78-93-3	ug/L	11/11/2008	ND	
MW-21	d	Iodomethane	74-88-4	ug/L	11/11/2008	ND	
MW-21	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/11/2008	ND	
MW-21	d	Methylene Chloride	75-09-2	ug/L	11/11/2008	ND	
MW-21	d	Styrene	100-42-5	ug/L	11/11/2008	ND	
MW-21	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/11/2008	ND	
MW-21	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/11/2008	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	11/11/2008	ND	
MW-21	d	Toluene	108-88-3	ug/L	11/11/2008	ND	
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/11/2008	ND	
MW-21	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/11/2008	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	11/11/2008	ND	
MW-21	d	Trichlorofluoromethane	75-69-4	ug/L	11/11/2008	ND	
MW-21	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/11/2008	ND	
MW-21	d	Vinyl Acetate	108-05-4	ug/L	11/11/2008	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	11/11/2008	ND	
MW-21	d	Xylenes, total	1330-20-7	ug/L	11/11/2008	ND	
MW-21	d	Methylene Bromide	74-95-3	ug/L	11/11/2008	ND	
MW-30R	d	Antimony	7440-36-0	mg/L	11/11/2008	ND	
MW-30R	d	Arsenic	7440-38-2	mg/L	11/11/2008		0.0117
MW-30R	d	Barium	7440-39-3	mg/L	11/11/2008		0.724
MW-30R	d	Beryllium	7440-41-7	mg/L	11/11/2008	ND	
MW-30R	d	Cadmium	7440-43-9	mg/L	11/11/2008	ND	
MW-30R	d	Chromium	7440-47-3	mg/L	11/11/2008	ND	
MW-30R	d	Cobalt	7440-48-4	mg/L	11/11/2008	NDX	
MW-30R	d	Copper	7440-50-8	mg/L	11/11/2008	ND	
MW-30R	d	Lead	7439-92-1	mg/L	11/11/2008	ND	
MW-30R	d	Nickel	7440-02-0	mg/L	11/11/2008	ND	
MW-30R	d	Selenium	7782-49-2	mg/L	11/11/2008	ND	
MW-30R	d	Silver	7440-22-4	mg/L	11/11/2008	ND	
MW-30R	d	Thallium	7440-28-0	mg/L	11/11/2008	ND	
MW-30R	d	Vanadium	7440-62-2	mg/L	11/11/2008	ND	
MW-30R	d	Zinc	7440-66-6	mg/L	11/11/2008		0.0263
MW-30R	d	Acetone	67-64-1	ug/L	11/11/2008	ND	
MW-30R	d	Acrylonitrile	107-13-1	ug/L	11/11/2008	ND	
MW-30R	d	Benzene	71-43-2	ug/L	11/11/2008		0.82
MW-30R	d	Bromochloromethane	74-97-5	ug/L	11/11/2008	ND	
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	11/11/2008	ND	
MW-30R	d	Bromoform	75-25-2	ug/L	11/11/2008	ND	
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	11/11/2008	ND	
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	11/11/2008	ND	
MW-30R	d	Chlorobenzene	108-90-7	ug/L	11/11/2008	ND	
MW-30R	d	Chloroethane	75-00-3	ug/L	11/11/2008	ND	
MW-30R	d	Chloroform	67-66-3	ug/L	11/11/2008	ND	
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	11/11/2008	ND	
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/11/2008	ND	
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/11/2008	ND	
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/11/2008	ND	
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	11/11/2008		7.85
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	11/11/2008	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	11/11/2008	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/11/2008		88.6
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/11/2008		2.59
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	11/11/2008	ND	
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/11/2008	ND	
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/11/2008	ND	
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/11/2008	ND	
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/11/2008	ND	
MW-30R	d	Ethylbenzene	100-41-4	ug/L	11/11/2008	ND	
MW-30R	d	2-Hexanone	591-78-6	ug/L	11/11/2008	ND	
MW-30R	d	Bromomethane	74-83-9	ug/L	11/11/2008	ND	
MW-30R	d	Chloromethane	74-87-3	ug/L	11/11/2008	ND	
MW-30R	d	2-Butanone	78-93-3	ug/L	11/11/2008	ND	
MW-30R	d	Iodomethane	74-88-4	ug/L	11/11/2008	ND	
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/11/2008	ND	
MW-30R	d	Methylene Chloride	75-09-2	ug/L	11/11/2008	ND	
MW-30R	d	Styrene	100-42-5	ug/L	11/11/2008	ND	
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/11/2008	ND	
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/11/2008	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	11/11/2008	ND	
MW-30R	d	Toluene	108-88-3	ug/L	11/11/2008	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/11/2008	ND	
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/11/2008	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	11/11/2008		6.68
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	11/11/2008	ND	
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/11/2008	ND	
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	11/11/2008	ND	
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	11/11/2008		12.1
MW-30R	d	Xylenes, total	1330-20-7	ug/L	11/11/2008	ND	
MW-30R	d	Methylene Bromide	74-95-3	ug/L	11/11/2008	ND	
MW-56	d	Benzene	71-43-2	ug/L	11/11/2008		0.99
MW-56	d	Carbon Tetrachloride	56-23-5	ug/L	11/11/2008	ND	
MW-56	d	1,2-Dichloroethane	107-06-2	ug/L	11/11/2008	ND	
MW-56	d	1,1-Dichloroethene	75-35-4	ug/L	11/11/2008	ND	
MW-56	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/11/2008	ND	
MW-56	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/11/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	Trichloroethene	79-01-6	ug/L	11/11/2008	ND	
MW-57	d	Benzene	71-43-2	ug/L	11/11/2008		0.74
MW-57	d	Carbon Tetrachloride	56-23-5	ug/L	11/11/2008	ND	
MW-57	d	1,2-Dichloroethane	107-06-2	ug/L	11/11/2008	ND	
MW-57	d	1,1-Dichloroethene	75-35-4	ug/L	11/11/2008	ND	
MW-57	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/11/2008	ND	
MW-57	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/11/2008	ND	
MW-57	d	Trichloroethene	79-01-6	ug/L	11/11/2008	ND	
MW-22R	d	Antimony	7440-36-0	mg/L	12/22/2008	ND	
MW-22R	d	Arsenic	7440-38-2	mg/L	12/22/2008		0.00127
MW-22R	d	Barium	7440-39-3	mg/L	12/22/2008		0.667
MW-22R	d	Beryllium	7440-41-7	mg/L	12/22/2008	ND	
MW-22R	d	Cadmium	7440-43-9	mg/L	12/22/2008	ND	
MW-22R	d	Chromium	7440-47-3	mg/L	12/22/2008	ND	
MW-22R	d	Cobalt	7440-48-4	mg/L	12/22/2008	NDX	
MW-22R	d	Copper	7440-50-8	mg/L	12/22/2008	ND	
MW-22R	d	Lead	7439-92-1	mg/L	12/22/2008	ND	
MW-22R	d	Nickel	7440-02-0	mg/L	12/22/2008	ND	
MW-22R	d	Selenium	7782-49-2	mg/L	12/22/2008	ND	
MW-22R	d	Silver	7440-22-4	mg/L	12/22/2008	ND	
MW-22R	d	Thallium	7440-28-0	mg/L	12/22/2008	ND	
MW-22R	d	Vanadium	7440-62-2	mg/L	12/22/2008	ND	
MW-22R	d	Zinc	7440-66-6	mg/L	12/22/2008		0.037
MW-22R	d	Acetone	67-64-1	ug/L	12/22/2008	ND	
MW-22R	d	Acrylonitrile	107-13-1	ug/L	12/22/2008	ND	
MW-22R	d	Benzene	71-43-2	ug/L	12/22/2008	ND	
MW-22R	d	Bromochloromethane	74-97-5	ug/L	12/22/2008	ND	
MW-22R	d	Bromodichloromethane	75-27-4	ug/L	12/22/2008	ND	
MW-22R	d	Bromoform	75-25-2	ug/L	12/22/2008	ND	
MW-22R	d	Carbon Disulfide	75-15-0	ug/L	12/22/2008	ND	
MW-22R	d	Carbon Tetrachloride	56-23-5	ug/L	12/22/2008	ND	
MW-22R	d	Chlorobenzene	108-90-7	ug/L	12/22/2008	ND	
MW-22R	d	Chloroethane	75-00-3	ug/L	12/22/2008	ND	
MW-22R	d	Chloroform	67-66-3	ug/L	12/22/2008	ND	
MW-22R	d	Chlorodibromomethane	124-48-1	ug/L	12/22/2008	ND	
MW-22R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/22/2008	ND	
MW-22R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/22/2008	ND	
MW-22R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/22/2008	ND	
MW-22R	d	1,1-Dichloroethane	75-34-3	ug/L	12/22/2008	ND	
MW-22R	d	1,2-Dichloroethane	107-06-2	ug/L	12/22/2008	ND	
MW-22R	d	1,1-Dichloroethene	75-35-4	ug/L	12/22/2008	ND	
MW-22R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/22/2008	ND	
MW-22R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/22/2008	ND	
MW-22R	d	1,2-Dichloropropane	78-87-5	ug/L	12/22/2008	ND	
MW-22R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/22/2008	ND	
MW-22R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/22/2008	ND	
MW-22R	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/22/2008	ND	
MW-22R	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/22/2008	ND	
MW-22R	d	Ethylbenzene	100-41-4	ug/L	12/22/2008	ND	
MW-22R	d	2-Hexanone	591-78-6	ug/L	12/22/2008	ND	
MW-22R	d	Bromomethane	74-83-9	ug/L	12/22/2008	ND	
MW-22R	d	Chloromethane	74-87-3	ug/L	12/22/2008	ND	
MW-22R	d	2-Butanone	78-93-3	ug/L	12/22/2008	ND	
MW-22R	d	Iodomethane	74-88-4	ug/L	12/22/2008	ND	
MW-22R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/22/2008	ND	
MW-22R	d	Methylene Chloride	75-09-2	ug/L	12/22/2008	ND	
MW-22R	d	Styrene	100-42-5	ug/L	12/22/2008	ND	
MW-22R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/22/2008	ND	
MW-22R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/22/2008	ND	
MW-22R	d	Tetrachloroethene	127-18-4	ug/L	12/22/2008	ND	
MW-22R	d	Toluene	108-88-3	ug/L	12/22/2008	ND	
MW-22R	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/22/2008	ND	
MW-22R	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/22/2008	ND	
MW-22R	d	Trichloroethene	79-01-6	ug/L	12/22/2008	ND	
MW-22R	d	Trichlorofluoromethane	75-69-4	ug/L	12/22/2008	ND	
MW-22R	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/22/2008	ND	
MW-22R	d	Vinyl Acetate	108-05-4	ug/L	12/22/2008	ND	
MW-22R	d	Vinyl Chloride	75-01-4	ug/L	12/22/2008	ND	
MW-22R	d	Xylenes, total	1330-20-7	ug/L	12/22/2008	ND	
MW-22R	d	Endosulfan I	959-98-8	ug/L	12/22/2008	ND	
MW-22R	d	Methylene Bromide	74-95-3	ug/L	12/22/2008	ND	
MW-32R	d	Antimony	7440-36-0	mg/L	12/22/2008	ND	
MW-32R	d	Arsenic	7440-38-2	mg/L	12/22/2008		0.00181
MW-32R	d	Barium	7440-39-3	mg/L	12/22/2008		0.319
MW-32R	d	Beryllium	7440-41-7	mg/L	12/22/2008	ND	
MW-32R	d	Cadmium	7440-43-9	mg/L	12/22/2008	ND	
MW-32R	d	Chromium	7440-47-3	mg/L	12/22/2008	ND	
MW-32R	d	Cobalt	7440-48-4	mg/L	12/22/2008	NDX	
MW-32R	d	Copper	7440-50-8	mg/L	12/22/2008	ND	
MW-32R	d	Lead	7439-92-1	mg/L	12/22/2008	ND	
MW-32R	d	Nickel	7440-02-0	mg/L	12/22/2008	ND	
MW-32R	d	Selenium	7782-49-2	mg/L	12/22/2008	ND	
MW-32R	d	Silver	7440-22-4	mg/L	12/22/2008	ND	
MW-32R	d	Thallium	7440-28-0	mg/L	12/22/2008	ND	
MW-32R	d	Vanadium	7440-62-2	mg/L	12/22/2008	ND	
MW-32R	d	Zinc	7440-66-6	mg/L	12/22/2008	ND	
MW-32R	d	Acetone	67-64-1	ug/L	12/22/2008	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-32R	d	Acrylonitrile	107-13-1	ug/L	12/22/2008	ND	
MW-32R	d	Benzene	71-43-2	ug/L	12/22/2008	ND	
MW-32R	d	Bromochloromethane	74-97-5	ug/L	12/22/2008	ND	
MW-32R	d	Bromodichloromethane	75-27-4	ug/L	12/22/2008	ND	
MW-32R	d	Bromoform	75-25-2	ug/L	12/22/2008	ND	
MW-32R	d	Carbon Disulfide	75-15-0	ug/L	12/22/2008	ND	
MW-32R	d	Carbon Tetrachloride	56-23-5	ug/L	12/22/2008	ND	
MW-32R	d	Chlorobenzene	108-90-7	ug/L	12/22/2008	ND	
MW-32R	d	Chloroethane	75-00-3	ug/L	12/22/2008	ND	
MW-32R	d	Chloroform	67-66-3	ug/L	12/22/2008	ND	
MW-32R	d	Chlorodibromomethane	124-48-1	ug/L	12/22/2008	ND	
MW-32R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/22/2008	ND	
MW-32R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/22/2008	ND	
MW-32R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/22/2008	ND	
MW-32R	d	1,1-Dichloroethane	75-34-3	ug/L	12/22/2008	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	12/22/2008	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	12/22/2008	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/22/2008	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/22/2008	ND	
MW-32R	d	1,2-Dichloropropane	78-87-5	ug/L	12/22/2008	ND	
MW-32R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/22/2008	ND	
MW-32R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/22/2008	ND	
MW-32R	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/22/2008	ND	
MW-32R	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/22/2008	ND	
MW-32R	d	Ethylbenzene	100-41-4	ug/L	12/22/2008	ND	
MW-32R	d	2-Hexanone	591-78-6	ug/L	12/22/2008	ND	
MW-32R	d	Bromomethane	74-83-9	ug/L	12/22/2008	ND	
MW-32R	d	Chloromethane	74-87-3	ug/L	12/22/2008	ND	
MW-32R	d	2-Butanone	78-93-3	ug/L	12/22/2008	ND	
MW-32R	d	Iodomethane	74-88-4	ug/L	12/22/2008	ND	
MW-32R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/22/2008	ND	
MW-32R	d	Methylene Chloride	75-09-2	ug/L	12/22/2008	ND	
MW-32R	d	Styrene	100-42-5	ug/L	12/22/2008	ND	
MW-32R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/22/2008	ND	
MW-32R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/22/2008	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	12/22/2008	ND	
MW-32R	d	Toluene	108-88-3	ug/L	12/22/2008	ND	
MW-32R	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/22/2008	ND	
MW-32R	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/22/2008	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	12/22/2008	ND	
MW-32R	d	Trichlorofluoromethane	75-69-4	ug/L	12/22/2008	ND	
MW-32R	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/22/2008	ND	
MW-32R	d	Vinyl Acetate	108-05-4	ug/L	12/22/2008	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	12/22/2008	ND	
MW-32R	d	Xylenes, total	1330-20-7	ug/L	12/22/2008	ND	
MW-32R	d	Methylene Bromide	74-95-3	ug/L	12/22/2008	ND	
MW-30R	d	Arsenic	7440-38-2	mg/L	1/23/2009		0.0165
MW-30R	d	Barium	7440-39-3	mg/L	1/23/2009		0.832
MW-30R	d	Benzene	71-43-2	ug/L	1/23/2009		0.76
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	1/23/2009	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/23/2009		73.5
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/23/2009		2.44
MW-30R	d	Trichloroethene	79-01-6	ug/L	1/23/2009		6.47
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	1/23/2009		9.24
MW-39	d	Arsenic	7440-38-2	mg/L	1/23/2009		0.00764
MW-39	d	Barium	7440-39-3	mg/L	1/23/2009		0.0661
MW-39	d	Cobalt	7440-48-4	mg/L	1/23/2009	NDX	
MW-39	d	Zinc	7440-66-6	mg/L	1/23/2009		0.0691
MW-19	d	Antimony	7440-36-0	mg/L	2/19/2009	ND	
MW-19	d	Arsenic	7440-38-2	mg/L	2/19/2009	ND	
MW-19	d	Barium	7440-39-3	mg/L	2/19/2009		0.0498
MW-19	d	Beryllium	7440-41-7	mg/L	2/19/2009	ND	
MW-19	d	Cadmium	7440-43-9	mg/L	2/19/2009	ND	
MW-19	d	Chromium	7440-47-3	mg/L	2/19/2009	ND	
MW-19	d	Cobalt	7440-48-4	mg/L	2/19/2009	NDX	
MW-19	d	Copper	7440-50-8	mg/L	2/19/2009	ND	
MW-19	d	Lead	7439-92-1	mg/L	2/19/2009	ND	
MW-19	d	Nickel	7440-02-0	mg/L	2/19/2009	ND	
MW-19	d	Selenium	7782-49-2	mg/L	2/19/2009	ND	
MW-19	d	Silver	7440-22-4	mg/L	2/19/2009	ND	
MW-19	d	Thallium	7440-28-0	mg/L	2/19/2009	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	2/19/2009	ND	
MW-19	d	Zinc	7440-66-6	mg/L	2/19/2009		0.0207
MW-19	d	Mercury	7439-97-6	mg/L	2/19/2009	ND	
MW-19	d	Tin	7440-31-5	mg/L	2/19/2009	ND	
MW-19	d	Acetone	67-64-1	ug/L	2/19/2009	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	2/19/2009	ND	
MW-19	d	Benzene	71-43-2	ug/L	2/19/2009	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	2/19/2009	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	2/19/2009	ND	
MW-19	d	Bromoform	75-25-2	ug/L	2/19/2009	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	2/19/2009	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	2/19/2009	ND	
MW-19	d	Chlorobenzene	108-90-7	ug/L	2/19/2009	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	2/19/2009	ND	
MW-19	d	Chloroform	67-66-3	ug/L	2/19/2009	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	2/19/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/19/2009	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/19/2009	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/19/2009	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	2/19/2009	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	2/19/2009	ND	
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	2/19/2009	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/19/2009	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/19/2009	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	2/19/2009	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/19/2009	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/19/2009	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/19/2009	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/19/2009	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	2/19/2009	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	2/19/2009	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	2/19/2009	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	2/19/2009	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	2/19/2009	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	2/19/2009	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/19/2009	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	2/19/2009	ND	
MW-19	d	Styrene	100-42-5	ug/L	2/19/2009	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/19/2009	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/19/2009	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	2/19/2009	ND	
MW-19	d	Toluene	108-88-3	ug/L	2/19/2009	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/19/2009	ND	
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/19/2009	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	2/19/2009	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	2/19/2009	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/19/2009	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	2/19/2009	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	2/19/2009	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	2/19/2009	ND	
MW-19	d	1,1-Dichloropropene	563-58-6	ug/L	2/19/2009	ND	
MW-19	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	2/19/2009	ND	
MW-19	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	2/19/2009	ND	
MW-19	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	2/19/2009	ND	
MW-19	d	1,3-Dichlorobenzene	541-73-1	ug/L	2/19/2009	ND	
MW-19	d	1,3-Dichloropropane	142-28-9	ug/L	2/19/2009	ND	
MW-19	d	1,3-Dinitrobenzene	99-65-0	ug/L	2/19/2009	ND	
MW-19	d	1,4-Naphthoquinone	130-15-4	ug/L	2/19/2009	ND	
MW-19	d	1,4-Phenylenediamine	106-50-3	ug/L	2/19/2009	ND	
MW-19	d	1-Naphthylamine	134-32-7	ug/L	2/19/2009	ND	
MW-19	d	2,2-Dichloropropane	594-20-7	ug/L	2/19/2009	ND	
MW-19	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	2/19/2009	ND	
MW-19	d	2,4,5-T [2C]	93-76-5	ug/L	2/19/2009	ND	
MW-19	d	2,4,5-Trichlorophenol	95-95-4	ug/L	2/19/2009	ND	
MW-19	d	2,4,6-Trichlorophenol	88-06-2	ug/L	2/19/2009	ND	
MW-19	d	2,4-D [2C]	94-75-7	ug/L	2/19/2009	ND	
MW-19	d	2,4-Dichlorophenol	120-83-2	ug/L	2/19/2009	ND	
MW-19	d	2,4-Dimethylphenol	105-67-9	ug/L	2/19/2009	ND	
MW-19	d	2,4-Dinitrophenol	51-28-5	ug/L	2/19/2009	ND	
MW-19	d	2,4-Dinitrotoluene	121-14-2	ug/L	2/19/2009	ND	
MW-19	d	2,6-Dichlorophenol	87-65-0	ug/L	2/19/2009	ND	
MW-19	d	2,6-Dinitrotoluene	606-20-2	ug/L	2/19/2009	ND	
MW-19	d	2-Acetylaminofluorene	53-96-3	ug/L	2/19/2009	ND	
MW-19	d	2-Chloronaphthalene	91-58-7	ug/L	2/19/2009	ND	
MW-19	d	2-Chlorophenol	95-57-8	ug/L	2/19/2009	ND	
MW-19	d	2-Methylnaphthalene	91-57-6	ug/L	2/19/2009	ND	
MW-19	d	2-Methylphenol	95-48-7	ug/L	2/19/2009	ND	
MW-19	d	2-Naphthylamine	91-59-8	ug/L	2/19/2009	ND	
MW-19	d	2-Nitroaniline	88-74-4	ug/L	2/19/2009	ND	
MW-19	d	2-Nitrophenol	88-75-5	ug/L	2/19/2009	ND	
MW-19	d	3,3-Dichlorobenzidine	91-94-1	ug/L	2/19/2009	ND	
MW-19	d	3,3-Dimethylbenzidine	119-93-7	ug/L	2/19/2009	ND	
MW-19	d	3/4-Methylphenol	T-34MP	ug/L	2/19/2009	ND	
MW-19	d	3-Methylcholanthrene	56-49-5	ug/L	2/19/2009	ND	
MW-19	d	3-Nitroaniline	99-09-2	ug/L	2/19/2009	ND	
MW-19	d	4,4`-DDD	72-54-8	ug/L	2/19/2009	ND	
MW-19	d	4,4`-DDE	72-55-9	ug/L	2/19/2009	ND	
MW-19	d	4,4`-DDT	50-29-3	ug/L	2/19/2009	ND	
MW-19	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	2/19/2009	ND	
MW-19	d	4-Aminobiphenyl	92-67-1	ug/L	2/19/2009	ND	
MW-19	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	2/19/2009	ND	
MW-19	d	4-Chloro-3-methylphenol	59-50-7	ug/L	2/19/2009	ND	
MW-19	d	4-Chloroaniline	106-47-8	ug/L	2/19/2009	ND	
MW-19	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	2/19/2009	ND	
MW-19	d	4-Nitroaniline	100-01-6	ug/L	2/19/2009	ND	
MW-19	d	4-Nitrophenol	100-02-7	ug/L	2/19/2009	ND	
MW-19	d	5-Nitro-o-toluidine	99-55-8	ug/L	2/19/2009	ND	
MW-19	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	2/19/2009	ND	
MW-19	d	Acenaphthene	83-32-9	ug/L	2/19/2009	ND	
MW-19	d	Acenaphthylene	208-96-8	ug/L	2/19/2009	ND	
MW-19	d	Acetonitrile	75-05-8	ug/L	2/19/2009	ND	
MW-19	d	Acetophenone	98-86-2	ug/L	2/19/2009	ND	
MW-19	d	Acrolein	107-02-8	ug/L	2/19/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	Aldrin	309-00-2	ug/L	2/19/2009	ND	
MW-19	d	3-Chloropropene	107-05-1	ug/L	2/19/2009	ND	
MW-19	d	Alpha-BHC	319-84-6	ug/L	2/19/2009	ND	
MW-19	d	Anthracene	120-12-7	ug/L	2/19/2009	ND	
MW-19	d	Benzo [a] anthracene	56-55-3	ug/L	2/19/2009	ND	
MW-19	d	Benzo [a] pyrene	50-32-8	ug/L	2/19/2009	ND	
MW-19	d	Benzo [b] fluoranthene	205-99-2	ug/L	2/19/2009	ND	
MW-19	d	Benzo [g,h,i] perylene	191-24-2	ug/L	2/19/2009	ND	
MW-19	d	Benzo [k] fluoranthene	207-08-9	ug/L	2/19/2009	ND	
MW-19	d	Benzyl alcohol	100-51-6	ug/L	2/19/2009	ND	
MW-19	d	Beta-BHC	319-85-7	ug/L	2/19/2009	ND	
MW-19	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	2/19/2009	ND	
MW-19	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	2/19/2009	ND	
MW-19	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	2/19/2009	ND	
MW-19	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	2/19/2009	ND	
MW-19	d	Butyl benzyl phthalate	85-68-7	ug/L	2/19/2009	ND	
MW-19	d	Chlordane	57-74-9	ug/L	2/19/2009	ND	
MW-19	d	Chlorobenzilate	510-15-6	ug/L	2/19/2009	ND	
MW-19	d	Chloroprene	126-99-8	ug/L	2/19/2009	ND	
MW-19	d	Chrysene	218-01-9	ug/L	2/19/2009	ND	
MW-19	d	Cyanide	57-12-5	mg/L	2/19/2009	ND	
MW-19	d	Delta-BHC	319-86-8	ug/L	2/19/2009	ND	
MW-19	d	Diallate [cis or trans]	2303-16-4	ug/L	2/19/2009	ND	
MW-19	d	Dibenz [a,h] anthracene	53-70-3	ug/L	2/19/2009	ND	
MW-19	d	Dibenzofuran	132-64-9	ug/L	2/19/2009	ND	
MW-19	d	Dichlorodifluoromethane	75-71-8	ug/L	2/19/2009	ND	
MW-19	d	Dieldrin	60-57-1	ug/L	2/19/2009	ND	
MW-19	d	Diethyl phthalate	84-66-2	ug/L	2/19/2009	ND	
MW-19	d	Dimethoate	60-51-5	ug/L	2/19/2009	ND	
MW-19	d	Dimethyl phthalate	131-11-3	ug/L	2/19/2009	ND	
MW-19	d	Di-n-butyl phthalate	84-74-2	ug/L	2/19/2009	ND	
MW-19	d	Di-n-octyl phthalate	117-84-0	ug/L	2/19/2009	ND	
MW-19	d	Dinoseb	88-85-7	ug/L	2/19/2009	ND	
MW-19	d	Diphenylamine	122-39-4	ug/L	2/19/2009	ND	
MW-19	d	Disulfoton	298-04-4	ug/L	2/19/2009	ND	
MW-19	d	Endosulfan I	959-98-8	ug/L	2/19/2009	ND	
MW-19	d	Endosulfan II	33213-65-9	ug/L	2/19/2009	ND	
MW-19	d	Endosulfan sulfate	1031-07-8	ug/L	2/19/2009	ND	
MW-19	d	Endrin	72-20-8	ug/L	2/19/2009	ND	
MW-19	d	Endrin aldehyde	7421-93-4	ug/L	2/19/2009	ND	
MW-19	d	Ethyl Methacrylate	97-63-2	ug/L	2/19/2009	ND	
MW-19	d	Ethyl Methanesulfonate	62-50-0	ug/L	2/19/2009	ND	
MW-19	d	Famphur	52-85-7	ug/L	2/19/2009	ND	
MW-19	d	Fluoranthene	206-44-0	ug/L	2/19/2009	ND	
MW-19	d	Fluorene	86-73-7	ug/L	2/19/2009	ND	
MW-19	d	Gamma-BHC [Lindane]	58-89-9	ug/L	2/19/2009	ND	
MW-19	d	Heptachlor	76-44-8	ug/L	2/19/2009	ND	
MW-19	d	Heptachlor Epoxide	1024-57-3	ug/L	2/19/2009	ND	
MW-19	d	Hexachlorobenzene	118-74-1	ug/L	2/19/2009	ND	
MW-19	d	Hexachlorobutadiene	87-68-3	ug/L	2/19/2009	ND	
MW-19	d	Hexachlorocyclopentadiene	77-47-4	ug/L	2/19/2009	ND	
MW-19	d	Hexachloroethane	67-72-1	ug/L	2/19/2009	ND	
MW-19	d	Hexachloropropene	1888-71-7	ug/L	2/19/2009	ND	
MW-19	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	2/19/2009	ND	
MW-19	d	Isobutanol	78-83-1	mg/L	2/19/2009	ND	
MW-19	d	Isodrin	465-73-6	ug/L	2/19/2009	ND	
MW-19	d	Isophorone	78-59-1	ug/L	2/19/2009	ND	
MW-19	d	Isosafrole	120-58-1	ug/L	2/19/2009	ND	
MW-19	d	Kepone	143-50-0	ug/L	2/19/2009	ND	
MW-19	d	Methacrylonitrile	126-98-7	ug/L	2/19/2009	ND	
MW-19	d	Methapyrilene	91-80-5	ug/L	2/19/2009	ND	
MW-19	d	Methoxychlor	72-43-5	ug/L	2/19/2009	ND	
MW-19	d	Methyl Methacrylate	80-62-6	ug/L	2/19/2009	ND	
MW-19	d	Methyl Methanesulfonate	66-27-3	ug/L	2/19/2009	ND	
MW-19	d	Naphthalene	91-20-3	ug/L	2/19/2009	ND	
MW-19	d	Nitrobenzene	98-95-3	ug/L	2/19/2009	ND	
MW-19	d	N-Nitrosodiethylamine	55-18-5	ug/L	2/19/2009	ND	
MW-19	d	N-Nitrosodimethylamine	62-75-9	ug/L	2/19/2009	ND	
MW-19	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	2/19/2009	ND	
MW-19	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	2/19/2009	ND	
MW-19	d	N-Nitrosodiphenylamine	86-30-6	ug/L	2/19/2009	ND	
MW-19	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	2/19/2009	ND	
MW-19	d	N-Nitrosopiperidine	100-75-4	ug/L	2/19/2009	ND	
MW-19	d	N-Nitrosopyrrolidine	930-55-2	ug/L	2/19/2009	ND	
MW-19	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	2/19/2009	ND	
MW-19	d	o-Toluidine	95-53-4	ug/L	2/19/2009	ND	
MW-19	d	Dimethylaminoazobenzene	60-11-7	ug/L	2/19/2009	ND	
MW-19	d	Parathion-Ethyl	56-38-2	ug/L	2/19/2009	ND	
MW-19	d	Parathion-Methyl	298-00-0	ug/L	2/19/2009	ND	
MW-19	d	PCB-1016	12674-11-2	ug/L	2/19/2009	ND	
MW-19	d	PCB-1221	11104-28-2	ug/L	2/19/2009	ND	
MW-19	d	PCB-1232	11141-16-5	ug/L	2/19/2009	ND	
MW-19	d	PCB-1242	53469-21-9	ug/L	2/19/2009	ND	
MW-19	d	PCB-1248	12672-29-6	ug/L	2/19/2009	ND	
MW-19	d	PCB-1254	11097-69-1	ug/L	2/19/2009	ND	
MW-19	d	PCB-1260	11096-82-5	ug/L	2/19/2009	ND	
MW-19	d	Pentachlorobenzene	608-93-5	ug/L	2/19/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	Pentachloronitrobenzene	82-68-8	ug/L	2/19/2009	ND	
MW-19	d	Pentachlorophenol [2C]	87-86-5	ug/L	2/19/2009	ND	
MW-19	d	Phenacetin	62-44-2	ug/L	2/19/2009	ND	
MW-19	d	Phenanthrene	85-01-8	ug/L	2/19/2009	ND	
MW-19	d	Phenol	108-95-2	ug/L	2/19/2009	ND	
MW-19	d	Phorate	298-02-2	ug/L	2/19/2009	ND	
MW-19	d	Pronamide	23950-58-5	ug/L	2/19/2009	ND	
MW-19	d	Propionitrile	107-12-0	ug/L	2/19/2009	ND	
MW-19	d	Pyrene	129-00-0	ug/L	2/19/2009	ND	
MW-19	d	Safrole	94-59-7	ug/L	2/19/2009	ND	
MW-19	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	2/19/2009	ND	
MW-19	d	Sulfide	18496-25-8	mg/L	2/19/2009	ND	
MW-19	d	Thionazin	297-97-2	ug/L	2/19/2009	ND	
MW-19	d	Toxaphene	8001-35-2	ug/L	2/19/2009	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	2/19/2009	ND	
MW-19	d	PCB-1268	11100-14-4	ug/L	2/19/2009	ND	
MW-20	d	Arsenic	7440-38-2	mg/L	2/19/2009		0.0107
MW-20	d	Barium	7440-39-3	mg/L	2/19/2009		0.409
MW-21	d	Arsenic	7440-38-2	mg/L	2/19/2009		0.0171
MW-21	d	Barium	7440-39-3	mg/L	2/19/2009		1.15
MW-21	d	Zinc	7440-66-6	mg/L	2/19/2009		0.0824
MW-22R	d	Arsenic	7440-38-2	mg/L	2/19/2009		0.00351
MW-22R	d	Barium	7440-39-3	mg/L	2/19/2009		0.419
MW-22R	d	Lead	7439-92-1	mg/L	2/19/2009	ND	
MW-22R	d	Zinc	7440-66-6	mg/L	2/19/2009		0.0504
MW-22R	d	Cyanide	57-12-5	mg/L	2/19/2009	ND	
MW-22R	d	Endosulfan I	959-98-8	ug/L	2/19/2009	ND	
MW-28	d	Antimony	7440-36-0	mg/L	2/19/2009	ND	
MW-28	d	Arsenic	7440-38-2	mg/L	2/19/2009		0.00767
MW-28	d	Barium	7440-39-3	mg/L	2/19/2009		0.107
MW-28	d	Beryllium	7440-41-7	mg/L	2/19/2009	ND	
MW-28	d	Cadmium	7440-43-9	mg/L	2/19/2009	ND	
MW-28	d	Chromium	7440-47-3	mg/L	2/19/2009	ND	
MW-28	d	Cobalt	7440-48-4	mg/L	2/19/2009	NDX	
MW-28	d	Copper	7440-50-8	mg/L	2/19/2009	ND	
MW-28	d	Lead	7439-92-1	mg/L	2/19/2009	ND	
MW-28	d	Nickel	7440-02-0	mg/L	2/19/2009	ND	
MW-28	d	Selenium	7782-49-2	mg/L	2/19/2009	ND	
MW-28	d	Silver	7440-22-4	mg/L	2/19/2009	ND	
MW-28	d	Thallium	7440-28-0	mg/L	2/19/2009	ND	
MW-28	d	Vanadium	7440-62-2	mg/L	2/19/2009	ND	
MW-28	d	Zinc	7440-66-6	mg/L	2/19/2009		0.0229
MW-28	d	Mercury	7439-97-6	mg/L	2/19/2009	ND	
MW-28	d	Tin	7440-31-5	mg/L	2/19/2009	ND	
MW-28	d	Acetone	67-64-1	ug/L	2/19/2009	ND	
MW-28	d	Acrylonitrile	107-13-1	ug/L	2/19/2009	ND	
MW-28	d	Benzene	71-43-2	ug/L	2/19/2009	ND	
MW-28	d	Bromochloromethane	74-97-5	ug/L	2/19/2009	ND	
MW-28	d	Bromodichloromethane	75-27-4	ug/L	2/19/2009	ND	
MW-28	d	Bromoform	75-25-2	ug/L	2/19/2009	ND	
MW-28	d	Carbon Disulfide	75-15-0	ug/L	2/19/2009	ND	
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	2/19/2009	ND	
MW-28	d	Chlorobenzene	108-90-7	ug/L	2/19/2009	ND	
MW-28	d	Chloroethane	75-00-3	ug/L	2/19/2009	ND	
MW-28	d	Chloroform	67-66-3	ug/L	2/19/2009	ND	
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	2/19/2009	ND	
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/19/2009	ND	
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/19/2009	ND	
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/19/2009	ND	
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	2/19/2009	ND	
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	2/19/2009	ND	
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	2/19/2009	ND	
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/19/2009	ND	
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/19/2009	ND	
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	2/19/2009	ND	
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/19/2009	ND	
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/19/2009	ND	
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/19/2009	ND	
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/19/2009	ND	
MW-28	d	Ethylbenzene	100-41-4	ug/L	2/19/2009	ND	
MW-28	d	2-Hexanone	591-78-6	ug/L	2/19/2009	ND	
MW-28	d	Bromomethane	74-83-9	ug/L	2/19/2009	ND	
MW-28	d	Chloromethane	74-87-3	ug/L	2/19/2009	ND	
MW-28	d	2-Butanone	78-93-3	ug/L	2/19/2009	ND	
MW-28	d	Iodomethane	74-88-4	ug/L	2/19/2009	ND	
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/19/2009	ND	
MW-28	d	Methylene Chloride	75-09-2	ug/L	2/19/2009	ND	
MW-28	d	Styrene	100-42-5	ug/L	2/19/2009	ND	
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/19/2009	ND	
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/19/2009	ND	
MW-28	d	Tetrachloroethene	127-18-4	ug/L	2/19/2009	ND	
MW-28	d	Toluene	108-88-3	ug/L	2/19/2009	ND	
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/19/2009	ND	
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/19/2009	ND	
MW-28	d	Trichloroethene	79-01-6	ug/L	2/19/2009	ND	
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	2/19/2009	ND	
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/19/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-28	d	Vinyl Acetate	108-05-4	ug/L	2/19/2009	ND	
MW-28	d	Vinyl Chloride	75-01-4	ug/L	2/19/2009	ND	
MW-28	d	Xylenes, total	1330-20-7	ug/L	2/19/2009	ND	
MW-28	d	1,1-Dichloropropene	563-58-6	ug/L	2/19/2009	ND	
MW-28	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	2/19/2009	ND	
MW-28	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	2/19/2009	ND	
MW-28	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	2/19/2009	ND	
MW-28	d	1,3-Dichlorobenzene	541-73-1	ug/L	2/19/2009	ND	
MW-28	d	1,3-Dichloropropane	142-28-9	ug/L	2/19/2009	ND	
MW-28	d	1,3-Dinitrobenzene	99-65-0	ug/L	2/19/2009	ND	
MW-28	d	1,4-Naphthoquinone	130-15-4	ug/L	2/19/2009	ND	
MW-28	d	1,4-Phenylenediamine	106-50-3	ug/L	2/19/2009	ND	
MW-28	d	1-Naphthylamine	134-32-7	ug/L	2/19/2009	ND	
MW-28	d	2,2-Dichloropropane	594-20-7	ug/L	2/19/2009	ND	
MW-28	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	2/19/2009	ND	
MW-28	d	2,4,5-T [2C]	93-76-5	ug/L	2/19/2009	ND	
MW-28	d	2,4,5-Trichlorophenol	95-95-4	ug/L	2/19/2009	ND	
MW-28	d	2,4,6-Trichlorophenol	88-06-2	ug/L	2/19/2009	ND	
MW-28	d	2,4-D [2C]	94-75-7	ug/L	2/19/2009	ND	
MW-28	d	2,4-Dichlorophenol	120-83-2	ug/L	2/19/2009	ND	
MW-28	d	2,4-Dimethylphenol	105-67-9	ug/L	2/19/2009	ND	
MW-28	d	2,4-Dinitrophenol	51-28-5	ug/L	2/19/2009	ND	
MW-28	d	2,4-Dinitrotoluene	121-14-2	ug/L	2/19/2009	ND	
MW-28	d	2,6-Dichlorophenol	87-65-0	ug/L	2/19/2009	ND	
MW-28	d	2,6-Dinitrotoluene	606-20-2	ug/L	2/19/2009	ND	
MW-28	d	2-Acetylaminofluorene	53-96-3	ug/L	2/19/2009	ND	
MW-28	d	2-Chloronaphthalene	91-58-7	ug/L	2/19/2009	ND	
MW-28	d	2-Chlorophenol	95-57-8	ug/L	2/19/2009	ND	
MW-28	d	2-Methylnaphthalene	91-57-6	ug/L	2/19/2009	ND	
MW-28	d	2-Methylphenol	95-48-7	ug/L	2/19/2009	ND	
MW-28	d	2-Naphthylamine	91-59-8	ug/L	2/19/2009	ND	
MW-28	d	2-Nitroaniline	88-74-4	ug/L	2/19/2009	ND	
MW-28	d	2-Nitrophenol	88-75-5	ug/L	2/19/2009	ND	
MW-28	d	3,3-Dichlorobenzidine	91-94-1	ug/L	2/19/2009	ND	
MW-28	d	3,3-Dimethylbenzidine	119-93-7	ug/L	2/19/2009	ND	
MW-28	d	3/4-Methylphenol	T-34MP	ug/L	2/19/2009	ND	
MW-28	d	3-Methylcholanthrene	56-49-5	ug/L	2/19/2009	ND	
MW-28	d	3-Nitroaniline	99-09-2	ug/L	2/19/2009	ND	
MW-28	d	4,4`-DDD	72-54-8	ug/L	2/19/2009	ND	
MW-28	d	4,4`-DDE	72-55-9	ug/L	2/19/2009	ND	
MW-28	d	4,4`-DDT	50-29-3	ug/L	2/19/2009	ND	
MW-28	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	2/19/2009	ND	
MW-28	d	4-Aminobiphenyl	92-67-1	ug/L	2/19/2009	ND	
MW-28	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	2/19/2009	ND	
MW-28	d	4-Chloro-3-methylphenol	59-50-7	ug/L	2/19/2009	ND	
MW-28	d	4-Chloroaniline	106-47-8	ug/L	2/19/2009	ND	
MW-28	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	2/19/2009	ND	
MW-28	d	4-Nitroaniline	100-01-6	ug/L	2/19/2009	ND	
MW-28	d	4-Nitrophenol	100-02-7	ug/L	2/19/2009	ND	
MW-28	d	5-Nitro-o-toluidine	99-55-8	ug/L	2/19/2009	ND	
MW-28	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	2/19/2009	ND	
MW-28	d	Acenaphthene	83-32-9	ug/L	2/19/2009	ND	
MW-28	d	Acenaphthylene	208-96-8	ug/L	2/19/2009	ND	
MW-28	d	Acetonitrile	75-05-8	ug/L	2/19/2009	ND	
MW-28	d	Acetophenone	98-86-2	ug/L	2/19/2009	ND	
MW-28	d	Acrolein	107-02-8	ug/L	2/19/2009	ND	
MW-28	d	Aldrin	309-00-2	ug/L	2/19/2009	ND	
MW-28	d	3-Chloropropene	107-05-1	ug/L	2/19/2009	ND	
MW-28	d	Alpha-BHC	319-84-6	ug/L	2/19/2009	ND	
MW-28	d	Anthracene	120-12-7	ug/L	2/19/2009	ND	
MW-28	d	Benzo [a] anthracene	56-55-3	ug/L	2/19/2009	ND	
MW-28	d	Benzo [a] pyrene	50-32-8	ug/L	2/19/2009	ND	
MW-28	d	Benzo [b] fluoranthene	205-99-2	ug/L	2/19/2009	ND	
MW-28	d	Benzo [g,h,i] perylene	191-24-2	ug/L	2/19/2009	ND	
MW-28	d	Benzo [k] fluoranthene	207-08-9	ug/L	2/19/2009	ND	
MW-28	d	Benzyl alcohol	100-51-6	ug/L	2/19/2009	ND	
MW-28	d	Beta-BHC	319-85-7	ug/L	2/19/2009	ND	
MW-28	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	2/19/2009	ND	
MW-28	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	2/19/2009	ND	
MW-28	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	2/19/2009	ND	
MW-28	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	2/19/2009	ND	
MW-28	d	Butyl benzyl phthalate	85-68-7	ug/L	2/19/2009	ND	
MW-28	d	Chlordane	57-74-9	ug/L	2/19/2009	ND	
MW-28	d	Chlorobenzilate	510-15-6	ug/L	2/19/2009	ND	
MW-28	d	Chloroprene	126-99-8	ug/L	2/19/2009	ND	
MW-28	d	Chrysene	218-01-9	ug/L	2/19/2009	ND	
MW-28	d	Cyanide	57-12-5	mg/L	2/19/2009	ND	
MW-28	d	Delta-BHC	319-86-8	ug/L	2/19/2009	ND	
MW-28	d	Diallate [cis or trans]	2303-16-4	ug/L	2/19/2009	ND	
MW-28	d	Dibenz [a,h] anthracene	53-70-3	ug/L	2/19/2009	ND	
MW-28	d	Dibenzofuran	132-64-9	ug/L	2/19/2009	ND	
MW-28	d	Dichlorodifluoromethane	75-71-8	ug/L	2/19/2009	ND	
MW-28	d	Dieldrin	60-57-1	ug/L	2/19/2009	ND	
MW-28	d	Diethyl phthalate	84-66-2	ug/L	2/19/2009	ND	
MW-28	d	Dimethoate	60-51-5	ug/L	2/19/2009	ND	
MW-28	d	Dimethyl phthalate	131-11-3	ug/L	2/19/2009	ND	
MW-28	d	Di-n-butyl phthalate	84-74-2	ug/L	2/19/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-28	d	Di-n-octyl phthalate	117-84-0	ug/L	2/19/2009	ND	
MW-28	d	Dinoseb	88-85-7	ug/L	2/19/2009	ND	
MW-28	d	Diphenylamine	122-39-4	ug/L	2/19/2009	ND	
MW-28	d	Disulfoton	298-04-4	ug/L	2/19/2009	ND	
MW-28	d	Endosulfan I	959-98-8	ug/L	2/19/2009	ND	
MW-28	d	Endosulfan II	33213-65-9	ug/L	2/19/2009	ND	
MW-28	d	Endosulfan sulfate	1031-07-8	ug/L	2/19/2009	ND	
MW-28	d	Endrin	72-20-8	ug/L	2/19/2009	ND	
MW-28	d	Endrin aldehyde	7421-93-4	ug/L	2/19/2009	ND	
MW-28	d	Ethyl Methacrylate	97-63-2	ug/L	2/19/2009	ND	
MW-28	d	Ethyl Methanesulfonate	62-50-0	ug/L	2/19/2009	ND	
MW-28	d	Famphur	52-85-7	ug/L	2/19/2009	ND	
MW-28	d	Fluoranthene	206-44-0	ug/L	2/19/2009	ND	
MW-28	d	Fluorene	86-73-7	ug/L	2/19/2009	ND	
MW-28	d	Gamma-BHC [Lindane]	58-89-9	ug/L	2/19/2009	ND	
MW-28	d	Heptachlor	76-44-8	ug/L	2/19/2009	ND	
MW-28	d	Heptachlor Epoxide	1024-57-3	ug/L	2/19/2009	ND	
MW-28	d	Hexachlorobenzene	118-74-1	ug/L	2/19/2009	ND	
MW-28	d	Hexachlorobutadiene	87-68-3	ug/L	2/19/2009	ND	
MW-28	d	Hexachlorocyclopentadiene	77-47-4	ug/L	2/19/2009	ND	
MW-28	d	Hexachloroethane	67-72-1	ug/L	2/19/2009	ND	
MW-28	d	Hexachloropropene	1888-71-7	ug/L	2/19/2009	ND	
MW-28	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	2/19/2009	ND	
MW-28	d	Isobutanol	78-83-1	mg/L	2/19/2009	ND	
MW-28	d	Isodrin	465-73-6	ug/L	2/19/2009	ND	
MW-28	d	Isophorone	78-59-1	ug/L	2/19/2009	ND	
MW-28	d	Isosafrole	120-58-1	ug/L	2/19/2009	ND	
MW-28	d	Kepone	143-50-0	ug/L	2/19/2009	ND	
MW-28	d	Methacrylonitrile	126-98-7	ug/L	2/19/2009	ND	
MW-28	d	Methapyrilene	91-80-5	ug/L	2/19/2009	ND	
MW-28	d	Methoxychlor	72-43-5	ug/L	2/19/2009	ND	
MW-28	d	Methyl Methacrylate	80-62-6	ug/L	2/19/2009	ND	
MW-28	d	Methyl Methanesulfonate	66-27-3	ug/L	2/19/2009	ND	
MW-28	d	Naphthalene	91-20-3	ug/L	2/19/2009	ND	
MW-28	d	Nitrobenzene	98-95-3	ug/L	2/19/2009	ND	
MW-28	d	N-Nitrosodiethylamine	55-18-5	ug/L	2/19/2009	ND	
MW-28	d	N-Nitrosodimethylamine	62-75-9	ug/L	2/19/2009	ND	
MW-28	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	2/19/2009	ND	
MW-28	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	2/19/2009	ND	
MW-28	d	N-Nitrosodiphenylamine	86-30-6	ug/L	2/19/2009	ND	
MW-28	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	2/19/2009	ND	
MW-28	d	N-Nitrosopiperidine	100-75-4	ug/L	2/19/2009	ND	
MW-28	d	N-Nitrosopyrrolidine	930-55-2	ug/L	2/19/2009	ND	
MW-28	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	2/19/2009	ND	
MW-28	d	o-Toluidine	95-53-4	ug/L	2/19/2009	ND	
MW-28	d	Dimethylaminoazobenzene	60-11-7	ug/L	2/19/2009	ND	
MW-28	d	Parathion-Ethyl	56-38-2	ug/L	2/19/2009	ND	
MW-28	d	Parathion-Methyl	298-00-0	ug/L	2/19/2009	ND	
MW-28	d	PCB-1016	12674-11-2	ug/L	2/19/2009	ND	
MW-28	d	PCB-1221	11104-28-2	ug/L	2/19/2009	ND	
MW-28	d	PCB-1232	11141-16-5	ug/L	2/19/2009	ND	
MW-28	d	PCB-1242	53469-21-9	ug/L	2/19/2009	ND	
MW-28	d	PCB-1248	12672-29-6	ug/L	2/19/2009	ND	
MW-28	d	PCB-1254	11097-69-1	ug/L	2/19/2009	ND	
MW-28	d	PCB-1260	11096-82-5	ug/L	2/19/2009	ND	
MW-28	d	Pentachlorobenzene	608-93-5	ug/L	2/19/2009	ND	
MW-28	d	Pentachloronitrobenzene	82-68-8	ug/L	2/19/2009	ND	
MW-28	d	Pentachlorophenol [2C]	87-86-5	ug/L	2/19/2009	ND	
MW-28	d	Phenacetin	62-44-2	ug/L	2/19/2009	ND	
MW-28	d	Phenanthrene	85-01-8	ug/L	2/19/2009	ND	
MW-28	d	Phenol	108-95-2	ug/L	2/19/2009	ND	
MW-28	d	Phorate	298-02-2	ug/L	2/19/2009	ND	
MW-28	d	Pronamide	23950-58-5	ug/L	2/19/2009	ND	
MW-28	d	Propionitrile	107-12-0	ug/L	2/19/2009	ND	
MW-28	d	Pyrene	129-00-0	ug/L	2/19/2009	ND	
MW-28	d	Safrole	94-59-7	ug/L	2/19/2009	ND	
MW-28	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	2/19/2009	ND	
MW-28	d	Sulfide	18496-25-8	mg/L	2/19/2009	ND	
MW-28	d	Thionazin	297-97-2	ug/L	2/19/2009	ND	
MW-28	d	Toxaphene	8001-35-2	ug/L	2/19/2009	ND	
MW-28	d	Methylene Bromide	74-95-3	ug/L	2/19/2009	ND	
MW-28	d	PCB-1268	11100-14-4	ug/L	2/19/2009	ND	
MW-33R	d	Antimony	7440-36-0	mg/L	2/19/2009	ND	
MW-33R	d	Arsenic	7440-38-2	mg/L	2/19/2009		0.0041
MW-33R	d	Barium	7440-39-3	mg/L	2/19/2009		0.414
MW-33R	d	Beryllium	7440-41-7	mg/L	2/19/2009	ND	
MW-33R	d	Cadmium	7440-43-9	mg/L	2/19/2009		0.000935
MW-33R	d	Chromium	7440-47-3	mg/L	2/19/2009	ND	
MW-33R	d	Cobalt	7440-48-4	mg/L	2/19/2009	NDX	
MW-33R	d	Copper	7440-50-8	mg/L	2/19/2009	ND	
MW-33R	d	Lead	7439-92-1	mg/L	2/19/2009	ND	
MW-33R	d	Nickel	7440-02-0	mg/L	2/19/2009	ND	
MW-33R	d	Selenium	7782-49-2	mg/L	2/19/2009	ND	
MW-33R	d	Silver	7440-22-4	mg/L	2/19/2009	ND	
MW-33R	d	Thallium	7440-28-0	mg/L	2/19/2009	ND	
MW-33R	d	Vanadium	7440-62-2	mg/L	2/19/2009	ND	
MW-33R	d	Zinc	7440-66-6	mg/L	2/19/2009		0.036

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	Mercury	7439-97-6	mg/L	2/19/2009	ND	
MW-33R	d	Tin	7440-31-5	mg/L	2/19/2009	ND	
MW-33R	d	Acetone	67-64-1	ug/L	2/19/2009	ND	
MW-33R	d	Acrylonitrile	107-13-1	ug/L	2/19/2009	ND	
MW-33R	d	Benzene	71-43-2	ug/L	2/19/2009	ND	
MW-33R	d	Bromochloromethane	74-97-5	ug/L	2/19/2009	ND	
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	2/19/2009	ND	
MW-33R	d	Bromoform	75-25-2	ug/L	2/19/2009	ND	
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	2/19/2009	ND	
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	2/19/2009	ND	
MW-33R	d	Chlorobenzene	108-90-7	ug/L	2/19/2009	ND	
MW-33R	d	Chloroethane	75-00-3	ug/L	2/19/2009	ND	
MW-33R	d	Chloroform	67-66-3	ug/L	2/19/2009	ND	
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	2/19/2009	ND	
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/19/2009	ND	
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/19/2009	ND	
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/19/2009	ND	
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	2/19/2009	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	2/19/2009	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	2/19/2009	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/19/2009	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/19/2009	ND	
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	2/19/2009	ND	
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/19/2009	ND	
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/19/2009	ND	
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/19/2009	ND	
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/19/2009	ND	
MW-33R	d	Ethylbenzene	100-41-4	ug/L	2/19/2009	ND	
MW-33R	d	2-Hexanone	591-78-6	ug/L	2/19/2009	ND	
MW-33R	d	Bromomethane	74-83-9	ug/L	2/19/2009	ND	
MW-33R	d	Chloromethane	74-87-3	ug/L	2/19/2009	ND	
MW-33R	d	2-Butanone	78-93-3	ug/L	2/19/2009	ND	
MW-33R	d	Iodomethane	74-88-4	ug/L	2/19/2009	ND	
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/19/2009	ND	
MW-33R	d	Methylene Chloride	75-09-2	ug/L	2/19/2009	ND	
MW-33R	d	Styrene	100-42-5	ug/L	2/19/2009	ND	
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/19/2009	ND	
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/19/2009	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	2/19/2009	ND	
MW-33R	d	Toluene	108-88-3	ug/L	2/19/2009	ND	
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/19/2009	ND	
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/19/2009	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	2/19/2009	ND	
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	2/19/2009	ND	
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/19/2009	ND	
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	2/19/2009	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	2/19/2009	ND	
MW-33R	d	Xylenes, total	1330-20-7	ug/L	2/19/2009	ND	
MW-33R	d	1,1-Dichloropropene	563-58-6	ug/L	2/19/2009	ND	
MW-33R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	2/19/2009	ND	
MW-33R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	2/19/2009	ND	
MW-33R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	2/19/2009	ND	
MW-33R	d	1,3-Dichlorobenzene	541-73-1	ug/L	2/19/2009	ND	
MW-33R	d	1,3-Dichloropropane	142-28-9	ug/L	2/19/2009	ND	
MW-33R	d	1,3-Dinitrobenzene	99-65-0	ug/L	2/19/2009	ND	
MW-33R	d	1,4-Naphthoquinone	130-15-4	ug/L	2/19/2009	ND	
MW-33R	d	1,4-Phenylenediamine	106-50-3	ug/L	2/19/2009	ND	
MW-33R	d	1-Naphthylamine	134-32-7	ug/L	2/19/2009	ND	
MW-33R	d	2,2-Dichloropropane	594-20-7	ug/L	2/19/2009	ND	
MW-33R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	2/19/2009	ND	
MW-33R	d	2,4,5-T [2C]	93-76-5	ug/L	2/19/2009	ND	
MW-33R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	2/19/2009	ND	
MW-33R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	2/19/2009	ND	
MW-33R	d	2,4-D [2C]	94-75-7	ug/L	2/19/2009	ND	
MW-33R	d	2,4-Dichlorophenol	120-83-2	ug/L	2/19/2009	ND	
MW-33R	d	2,4-Dimethylphenol	105-67-9	ug/L	2/19/2009	ND	
MW-33R	d	2,4-Dinitrophenol	51-28-5	ug/L	2/19/2009	ND	
MW-33R	d	2,4-Dinitrotoluene	121-14-2	ug/L	2/19/2009	ND	
MW-33R	d	2,6-Dichlorophenol	87-65-0	ug/L	2/19/2009	ND	
MW-33R	d	2,6-Dinitrotoluene	606-20-2	ug/L	2/19/2009	ND	
MW-33R	d	2-Acetylaminofluorene	53-96-3	ug/L	2/19/2009	ND	
MW-33R	d	2-Chloronaphthalene	91-58-7	ug/L	2/19/2009	ND	
MW-33R	d	2-Chlorophenol	95-57-8	ug/L	2/19/2009	ND	
MW-33R	d	2-Methylnaphthalene	91-57-6	ug/L	2/19/2009	ND	
MW-33R	d	2-Methylphenol	95-48-7	ug/L	2/19/2009	ND	
MW-33R	d	2-Naphthylamine	91-59-8	ug/L	2/19/2009	ND	
MW-33R	d	2-Nitroaniline	88-74-4	ug/L	2/19/2009	ND	
MW-33R	d	2-Nitrophenol	88-75-5	ug/L	2/19/2009	ND	
MW-33R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	2/19/2009	ND	
MW-33R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	2/19/2009	ND	
MW-33R	d	3/4-Methylphenol	T-34MP	ug/L	2/19/2009	ND	
MW-33R	d	3-Methylcholanthrene	56-49-5	ug/L	2/19/2009	ND	
MW-33R	d	3-Nitroaniline	99-09-2	ug/L	2/19/2009	ND	
MW-33R	d	4,4`-DDD	72-54-8	ug/L	2/19/2009	ND	
MW-33R	d	4,4`-DDE	72-55-9	ug/L	2/19/2009	ND	
MW-33R	d	4,4`-DDT	50-29-3	ug/L	2/19/2009	ND	
MW-33R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	2/19/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	4-Aminobiphenyl	92-67-1	ug/L	2/19/2009	ND	
MW-33R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	2/19/2009	ND	
MW-33R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	2/19/2009	ND	
MW-33R	d	4-Chloroaniline	106-47-8	ug/L	2/19/2009	ND	
MW-33R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	2/19/2009	ND	
MW-33R	d	4-Nitroaniline	100-01-6	ug/L	2/19/2009	ND	
MW-33R	d	4-Nitrophenol	100-02-7	ug/L	2/19/2009	ND	
MW-33R	d	5-Nitro-o-toluidine	99-55-8	ug/L	2/19/2009	ND	
MW-33R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	2/19/2009	ND	
MW-33R	d	Acenaphthene	83-32-9	ug/L	2/19/2009	ND	
MW-33R	d	Acenaphthylene	208-96-8	ug/L	2/19/2009	ND	
MW-33R	d	Acetonitrile	75-05-8	ug/L	2/19/2009	ND	
MW-33R	d	Acetophenone	98-86-2	ug/L	2/19/2009	ND	
MW-33R	d	Acrolein	107-02-8	ug/L	2/19/2009	ND	
MW-33R	d	Aldrin	309-00-2	ug/L	2/19/2009	ND	
MW-33R	d	3-Chloropropene	107-05-1	ug/L	2/19/2009	ND	
MW-33R	d	Alpha-BHC	319-84-6	ug/L	2/19/2009	ND	
MW-33R	d	Anthracene	120-12-7	ug/L	2/19/2009	ND	
MW-33R	d	Benzo [a] anthracene	56-55-3	ug/L	2/19/2009	ND	
MW-33R	d	Benzo [a] pyrene	50-32-8	ug/L	2/19/2009	ND	
MW-33R	d	Benzo [b] fluoranthene	205-99-2	ug/L	2/19/2009	ND	
MW-33R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	2/19/2009	ND	
MW-33R	d	Benzo [k] fluoranthene	207-08-9	ug/L	2/19/2009	ND	
MW-33R	d	Benzyl alcohol	100-51-6	ug/L	2/19/2009	ND	
MW-33R	d	Beta-BHC	319-85-7	ug/L	2/19/2009	ND	
MW-33R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	2/19/2009	ND	
MW-33R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	2/19/2009	ND	
MW-33R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	2/19/2009	ND	
MW-33R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	2/19/2009	ND	
MW-33R	d	Butyl benzyl phthalate	85-68-7	ug/L	2/19/2009	ND	
MW-33R	d	Chlordane	57-74-9	ug/L	2/19/2009	ND	
MW-33R	d	Chlorobenzilate	510-15-6	ug/L	2/19/2009	ND	
MW-33R	d	Chloroprene	126-99-8	ug/L	2/19/2009	ND	
MW-33R	d	Chrysene	218-01-9	ug/L	2/19/2009	ND	
MW-33R	d	Cyanide	57-12-5	mg/L	2/19/2009	ND	
MW-33R	d	Delta-BHC	319-86-8	ug/L	2/19/2009	ND	
MW-33R	d	Diallate [cis or trans]	2303-16-4	ug/L	2/19/2009	ND	
MW-33R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	2/19/2009	ND	
MW-33R	d	Dibenzofuran	132-64-9	ug/L	2/19/2009	ND	
MW-33R	d	Dichlorodifluoromethane	75-71-8	ug/L	2/19/2009	ND	
MW-33R	d	Dieldrin	60-57-1	ug/L	2/19/2009	ND	
MW-33R	d	Diethyl phthalate	84-66-2	ug/L	2/19/2009	ND	
MW-33R	d	Dimethoate	60-51-5	ug/L	2/19/2009	ND	
MW-33R	d	Dimethyl phthalate	131-11-3	ug/L	2/19/2009	ND	
MW-33R	d	Di-n-butyl phthalate	84-74-2	ug/L	2/19/2009	ND	
MW-33R	d	Di-n-octyl phthalate	117-84-0	ug/L	2/19/2009	ND	
MW-33R	d	Dinoseb	88-85-7	ug/L	2/19/2009	ND	
MW-33R	d	Diphenylamine	122-39-4	ug/L	2/19/2009	ND	
MW-33R	d	Disulfoton	298-04-4	ug/L	2/19/2009	ND	
MW-33R	d	Endosulfan I	959-98-8	ug/L	2/19/2009	ND	
MW-33R	d	Endosulfan II	33213-65-9	ug/L	2/19/2009	ND	
MW-33R	d	Endosulfan sulfate	1031-07-8	ug/L	2/19/2009	ND	
MW-33R	d	Endrin	72-20-8	ug/L	2/19/2009	ND	
MW-33R	d	Endrin aldehyde	7421-93-4	ug/L	2/19/2009	ND	
MW-33R	d	Ethyl Methacrylate	97-63-2	ug/L	2/19/2009	ND	
MW-33R	d	Ethyl Methanesulfonate	62-50-0	ug/L	2/19/2009	ND	
MW-33R	d	Famphur	52-85-7	ug/L	2/19/2009	ND	
MW-33R	d	Fluoranthene	206-44-0	ug/L	2/19/2009	ND	
MW-33R	d	Fluorene	86-73-7	ug/L	2/19/2009	ND	
MW-33R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	2/19/2009	ND	
MW-33R	d	Heptachlor	76-44-8	ug/L	2/19/2009	ND	
MW-33R	d	Heptachlor Epoxide	1024-57-3	ug/L	2/19/2009	ND	
MW-33R	d	Hexachlorobenzene	118-74-1	ug/L	2/19/2009	ND	
MW-33R	d	Hexachlorobutadiene	87-68-3	ug/L	2/19/2009	ND	
MW-33R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	2/19/2009	ND	
MW-33R	d	Hexachloroethane	67-72-1	ug/L	2/19/2009	ND	
MW-33R	d	Hexachloropropene	1888-71-7	ug/L	2/19/2009	ND	
MW-33R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	2/19/2009	ND	
MW-33R	d	Isobutanol	78-83-1	mg/L	2/19/2009	ND	
MW-33R	d	Isodrin	465-73-6	ug/L	2/19/2009	ND	
MW-33R	d	Isophorone	78-59-1	ug/L	2/19/2009	ND	
MW-33R	d	Isosafrole	120-58-1	ug/L	2/19/2009	ND	
MW-33R	d	Kepone	143-50-0	ug/L	2/19/2009	ND	
MW-33R	d	Methacrylonitrile	126-98-7	ug/L	2/19/2009	ND	
MW-33R	d	Methapyrilene	91-80-5	ug/L	2/19/2009	ND	
MW-33R	d	Methoxychlor	72-43-5	ug/L	2/19/2009	ND	
MW-33R	d	Methyl Methacrylate	80-62-6	ug/L	2/19/2009	ND	
MW-33R	d	Methyl Methanesulfonate	66-27-3	ug/L	2/19/2009	ND	
MW-33R	d	Naphthalene	91-20-3	ug/L	2/19/2009	ND	
MW-33R	d	Nitrobenzene	98-95-3	ug/L	2/19/2009	ND	
MW-33R	d	N-Nitrosodiethylamine	55-18-5	ug/L	2/19/2009	ND	
MW-33R	d	N-Nitrosodimethylamine	62-75-9	ug/L	2/19/2009	ND	
MW-33R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	2/19/2009	ND	
MW-33R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	2/19/2009	ND	
MW-33R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	2/19/2009	ND	
MW-33R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	2/19/2009	ND	
MW-33R	d	N-Nitrosopiperidine	100-75-4	ug/L	2/19/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	2/19/2009	ND	
MW-33R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	2/19/2009	ND	
MW-33R	d	o-Toluidine	95-53-4	ug/L	2/19/2009	ND	
MW-33R	d	Dimethylaminoazobenzene	60-11-7	ug/L	2/19/2009	ND	
MW-33R	d	Parathion-Ethyl	56-38-2	ug/L	2/19/2009	ND	
MW-33R	d	Parathion-Methyl	298-00-0	ug/L	2/19/2009	ND	
MW-33R	d	PCB-1016	12674-11-2	ug/L	2/19/2009	ND	
MW-33R	d	PCB-1221	11104-28-2	ug/L	2/19/2009	ND	
MW-33R	d	PCB-1232	11141-16-5	ug/L	2/19/2009	ND	
MW-33R	d	PCB-1242	53469-21-9	ug/L	2/19/2009	ND	
MW-33R	d	PCB-1248	12672-29-6	ug/L	2/19/2009	ND	
MW-33R	d	PCB-1254	11097-69-1	ug/L	2/19/2009	ND	
MW-33R	d	PCB-1260	11096-82-5	ug/L	2/19/2009	ND	
MW-33R	d	Pentachlorobenzene	608-93-5	ug/L	2/19/2009	ND	
MW-33R	d	Pentachloronitrobenzene	82-68-8	ug/L	2/19/2009	ND	
MW-33R	d	Pentachlorophenol [2C]	87-86-5	ug/L	2/19/2009	ND	
MW-33R	d	Phenacetin	62-44-2	ug/L	2/19/2009	ND	
MW-33R	d	Phenanthrene	85-01-8	ug/L	2/19/2009	ND	
MW-33R	d	Phenol	108-95-2	ug/L	2/19/2009	ND	
MW-33R	d	Phorate	298-02-2	ug/L	2/19/2009	ND	
MW-33R	d	Pronamide	23950-58-5	ug/L	2/19/2009	ND	
MW-33R	d	Propionitrile	107-12-0	ug/L	2/19/2009	ND	
MW-33R	d	Pyrene	129-00-0	ug/L	2/19/2009	ND	
MW-33R	d	Safrole	94-59-7	ug/L	2/19/2009	ND	
MW-33R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	2/19/2009	ND	
MW-33R	d	Sulfide	18496-25-8	mg/L	2/19/2009	ND	
MW-33R	d	Thionazin	297-97-2	ug/L	2/19/2009	ND	
MW-33R	d	Toxaphene	8001-35-2	ug/L	2/19/2009	ND	
MW-33R	d	Methylene Bromide	74-95-3	ug/L	2/19/2009	ND	
MW-33R	d	PCB-1268	11100-14-4	ug/L	2/19/2009	ND	
MW-50	d	Antimony	7440-36-0	mg/L	2/19/2009	ND	
MW-50	d	Arsenic	7440-38-2	mg/L	2/19/2009	ND	
MW-50	d	Barium	7440-39-3	mg/L	2/19/2009		0.0524
MW-50	d	Beryllium	7440-41-7	mg/L	2/19/2009	ND	
MW-50	d	Cadmium	7440-43-9	mg/L	2/19/2009	ND	
MW-50	d	Chromium	7440-47-3	mg/L	2/19/2009	ND	
MW-50	d	Cobalt	7440-48-4	mg/L	2/19/2009	NDX	
MW-50	d	Copper	7440-50-8	mg/L	2/19/2009	ND	
MW-50	d	Lead	7439-92-1	mg/L	2/19/2009	ND	
MW-50	d	Nickel	7440-02-0	mg/L	2/19/2009	ND	
MW-50	d	Selenium	7782-49-2	mg/L	2/19/2009	ND	
MW-50	d	Silver	7440-22-4	mg/L	2/19/2009	ND	
MW-50	d	Thallium	7440-28-0	mg/L	2/19/2009	ND	
MW-50	d	Vanadium	7440-62-2	mg/L	2/19/2009	ND	
MW-50	d	Zinc	7440-66-6	mg/L	2/19/2009		0.0669
MW-50	d	Mercury	7439-97-6	mg/L	2/19/2009	ND	
MW-50	d	Tin	7440-31-5	mg/L	2/19/2009	ND	
MW-50	d	Acetone	67-64-1	ug/L	2/19/2009	ND	
MW-50	d	Acrylonitrile	107-13-1	ug/L	2/19/2009	ND	
MW-50	d	Benzene	71-43-2	ug/L	2/19/2009	ND	
MW-50	d	Bromochloromethane	74-97-5	ug/L	2/19/2009	ND	
MW-50	d	Bromodichloromethane	75-27-4	ug/L	2/19/2009	ND	
MW-50	d	Bromoform	75-25-2	ug/L	2/19/2009	ND	
MW-50	d	Carbon Disulfide	75-15-0	ug/L	2/19/2009	ND	
MW-50	d	Carbon Tetrachloride	56-23-5	ug/L	2/19/2009	ND	
MW-50	d	Chlorobenzene	108-90-7	ug/L	2/19/2009	ND	
MW-50	d	Chloroethane	75-00-3	ug/L	2/19/2009	ND	
MW-50	d	Chloroform	67-66-3	ug/L	2/19/2009	ND	
MW-50	d	Chlorodibromomethane	124-48-1	ug/L	2/19/2009	ND	
MW-50	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/19/2009	ND	
MW-50	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/19/2009	ND	
MW-50	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/19/2009	ND	
MW-50	d	1,1-Dichloroethane	75-34-3	ug/L	2/19/2009	ND	
MW-50	d	1,2-Dichloroethane	107-06-2	ug/L	2/19/2009	ND	
MW-50	d	1,1-Dichloroethene	75-35-4	ug/L	2/19/2009	ND	
MW-50	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/19/2009	ND	
MW-50	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/19/2009	ND	
MW-50	d	1,2-Dichloropropane	78-87-5	ug/L	2/19/2009	ND	
MW-50	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/19/2009	ND	
MW-50	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/19/2009	ND	
MW-50	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/19/2009	ND	
MW-50	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/19/2009	ND	
MW-50	d	Ethylbenzene	100-41-4	ug/L	2/19/2009	ND	
MW-50	d	2-Hexanone	591-78-6	ug/L	2/19/2009	ND	
MW-50	d	Bromomethane	74-83-9	ug/L	2/19/2009	ND	
MW-50	d	Chloromethane	74-87-3	ug/L	2/19/2009	ND	
MW-50	d	2-Butanone	78-93-3	ug/L	2/19/2009	ND	
MW-50	d	Iodomethane	74-88-4	ug/L	2/19/2009	ND	
MW-50	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/19/2009	ND	
MW-50	d	Methylene Chloride	75-09-2	ug/L	2/19/2009	ND	
MW-50	d	Styrene	100-42-5	ug/L	2/19/2009	ND	
MW-50	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/19/2009	ND	
MW-50	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/19/2009	ND	
MW-50	d	Tetrachloroethene	127-18-4	ug/L	2/19/2009	ND	
MW-50	d	Toluene	108-88-3	ug/L	2/19/2009	ND	
MW-50	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/19/2009	ND	
MW-50	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/19/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	Trichloroethene	79-01-6	ug/L	2/19/2009	ND	
MW-50	d	Trichlorofluoromethane	75-69-4	ug/L	2/19/2009	ND	
MW-50	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/19/2009	ND	
MW-50	d	Vinyl Acetate	108-05-4	ug/L	2/19/2009	ND	
MW-50	d	Vinyl Chloride	75-01-4	ug/L	2/19/2009	ND	
MW-50	d	Xylenes, total	1330-20-7	ug/L	2/19/2009	ND	
MW-50	d	1,1-Dichloropropene	563-58-6	ug/L	2/19/2009	ND	
MW-50	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	2/19/2009	ND	
MW-50	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	2/19/2009	ND	
MW-50	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	2/19/2009	ND	
MW-50	d	1,3-Dichlorobenzene	541-73-1	ug/L	2/19/2009	ND	
MW-50	d	1,3-Dichloropropane	142-28-9	ug/L	2/19/2009	ND	
MW-50	d	1,3-Dinitrobenzene	99-65-0	ug/L	2/19/2009	ND	
MW-50	d	1,4-Naphthoquinone	130-15-4	ug/L	2/19/2009	ND	
MW-50	d	1,4-Phenylenediamine	106-50-3	ug/L	2/19/2009	ND	
MW-50	d	1-Naphthylamine	134-32-7	ug/L	2/19/2009	ND	
MW-50	d	2,2-Dichloropropane	594-20-7	ug/L	2/19/2009	ND	
MW-50	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	2/19/2009	ND	
MW-50	d	2,4,5-T [2C]	93-76-5	ug/L	2/19/2009	ND	
MW-50	d	2,4,5-Trichlorophenol	95-95-4	ug/L	2/19/2009	ND	
MW-50	d	2,4,6-Trichlorophenol	88-06-2	ug/L	2/19/2009	ND	
MW-50	d	2,4-D [2C]	94-75-7	ug/L	2/19/2009	ND	
MW-50	d	2,4-Dichlorophenol	120-83-2	ug/L	2/19/2009	ND	
MW-50	d	2,4-Dimethylphenol	105-67-9	ug/L	2/19/2009	ND	
MW-50	d	2,4-Dinitrophenol	51-28-5	ug/L	2/19/2009	ND	
MW-50	d	2,4-Dinitrotoluene	121-14-2	ug/L	2/19/2009	ND	
MW-50	d	2,6-Dichlorophenol	87-65-0	ug/L	2/19/2009	ND	
MW-50	d	2,6-Dinitrotoluene	606-20-2	ug/L	2/19/2009	ND	
MW-50	d	2-Acetylaminofluorene	53-96-3	ug/L	2/19/2009	ND	
MW-50	d	2-Chloronaphthalene	91-58-7	ug/L	2/19/2009	ND	
MW-50	d	2-Chlorophenol	95-57-8	ug/L	2/19/2009	ND	
MW-50	d	2-Methylnaphthalene	91-57-6	ug/L	2/19/2009	ND	
MW-50	d	2-Methylphenol	95-48-7	ug/L	2/19/2009	ND	
MW-50	d	2-Naphthylamine	91-59-8	ug/L	2/19/2009	ND	
MW-50	d	2-Nitroaniline	88-74-4	ug/L	2/19/2009	ND	
MW-50	d	2-Nitrophenol	88-75-5	ug/L	2/19/2009	ND	
MW-50	d	3,3-Dichlorobenzidine	91-94-1	ug/L	2/19/2009	ND	
MW-50	d	3,3-Dimethylbenzidine	119-93-7	ug/L	2/19/2009	ND	
MW-50	d	3/4-Methylphenol	T-34MP	ug/L	2/19/2009	ND	
MW-50	d	3-Methylcholanthrene	56-49-5	ug/L	2/19/2009	ND	
MW-50	d	3-Nitroaniline	99-09-2	ug/L	2/19/2009	ND	
MW-50	d	4,4`-DDD	72-54-8	ug/L	2/19/2009	ND	
MW-50	d	4,4`-DDE	72-55-9	ug/L	2/19/2009	ND	
MW-50	d	4,4`-DDT	50-29-3	ug/L	2/19/2009	ND	
MW-50	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	2/19/2009	ND	
MW-50	d	4-Aminobiphenyl	92-67-1	ug/L	2/19/2009	ND	
MW-50	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	2/19/2009	ND	
MW-50	d	4-Chloro-3-methylphenol	59-50-7	ug/L	2/19/2009	ND	
MW-50	d	4-Chloroaniline	106-47-8	ug/L	2/19/2009	ND	
MW-50	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	2/19/2009	ND	
MW-50	d	4-Nitroaniline	100-01-6	ug/L	2/19/2009	ND	
MW-50	d	4-Nitrophenol	100-02-7	ug/L	2/19/2009	ND	
MW-50	d	5-Nitro-o-toluidine	99-55-8	ug/L	2/19/2009	ND	
MW-50	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	2/19/2009	ND	
MW-50	d	Acenaphthene	83-32-9	ug/L	2/19/2009	ND	
MW-50	d	Acenaphthylene	208-96-8	ug/L	2/19/2009	ND	
MW-50	d	Acetonitrile	75-05-8	ug/L	2/19/2009	ND	
MW-50	d	Acetophenone	98-86-2	ug/L	2/19/2009	ND	
MW-50	d	Acrolein	107-02-8	ug/L	2/19/2009	ND	
MW-50	d	Aldrin	309-00-2	ug/L	2/19/2009	ND	
MW-50	d	3-Chloropropene	107-05-1	ug/L	2/19/2009	ND	
MW-50	d	Alpha-BHC	319-84-6	ug/L	2/19/2009	ND	
MW-50	d	Anthracene	120-12-7	ug/L	2/19/2009	ND	
MW-50	d	Benzo [a] anthracene	56-55-3	ug/L	2/19/2009	ND	
MW-50	d	Benzo [a] pyrene	50-32-8	ug/L	2/19/2009	ND	
MW-50	d	Benzo [b] fluoranthene	205-99-2	ug/L	2/19/2009	ND	
MW-50	d	Benzo [g,h,i] perylene	191-24-2	ug/L	2/19/2009	ND	
MW-50	d	Benzo [k] fluoranthene	207-08-9	ug/L	2/19/2009	ND	
MW-50	d	Benzyl alcohol	100-51-6	ug/L	2/19/2009	ND	
MW-50	d	Beta-BHC	319-85-7	ug/L	2/19/2009	ND	
MW-50	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	2/19/2009	ND	
MW-50	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	2/19/2009	ND	
MW-50	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	2/19/2009	ND	
MW-50	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	2/19/2009	ND	
MW-50	d	Butyl benzyl phthalate	85-68-7	ug/L	2/19/2009	ND	
MW-50	d	Chlordane	57-74-9	ug/L	2/19/2009	ND	
MW-50	d	Chlorobenzilate	510-15-6	ug/L	2/19/2009	ND	
MW-50	d	Chloroprene	126-99-8	ug/L	2/19/2009	ND	
MW-50	d	Chrysene	218-01-9	ug/L	2/19/2009	ND	
MW-50	d	Cyanide	57-12-5	mg/L	2/19/2009	ND	
MW-50	d	Delta-BHC	319-86-8	ug/L	2/19/2009	ND	
MW-50	d	Diallate [cis or trans]	2303-16-4	ug/L	2/19/2009	ND	
MW-50	d	Dibenz [a,h] anthracene	53-70-3	ug/L	2/19/2009	ND	
MW-50	d	Dibenzofuran	132-64-9	ug/L	2/19/2009	ND	
MW-50	d	Dichlorodifluoromethane	75-71-8	ug/L	2/19/2009	ND	
MW-50	d	Dieldrin	60-57-1	ug/L	2/19/2009	ND	
MW-50	d	Diethyl phthalate	84-66-2	ug/L	2/19/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	Dimethoate	60-51-5	ug/L	2/19/2009	ND	
MW-50	d	Dimethyl phthalate	131-11-3	ug/L	2/19/2009	ND	
MW-50	d	Di-n-butyl phthalate	84-74-2	ug/L	2/19/2009	ND	
MW-50	d	Di-n-octyl phthalate	117-84-0	ug/L	2/19/2009	ND	
MW-50	d	Dinoseb	88-85-7	ug/L	2/19/2009	ND	
MW-50	d	Diphenylamine	122-39-4	ug/L	2/19/2009	ND	
MW-50	d	Disulfoton	298-04-4	ug/L	2/19/2009	ND	
MW-50	d	Endosulfan I	959-98-8	ug/L	2/19/2009	ND	
MW-50	d	Endosulfan II	33213-65-9	ug/L	2/19/2009	ND	
MW-50	d	Endosulfan sulfate	1031-07-8	ug/L	2/19/2009	ND	
MW-50	d	Endrin	72-20-8	ug/L	2/19/2009	ND	
MW-50	d	Endrin aldehyde	7421-93-4	ug/L	2/19/2009	ND	
MW-50	d	Ethyl Methacrylate	97-63-2	ug/L	2/19/2009	ND	
MW-50	d	Ethyl Methanesulfonate	62-50-0	ug/L	2/19/2009	ND	
MW-50	d	Famphur	52-85-7	ug/L	2/19/2009	ND	
MW-50	d	Fluoranthene	206-44-0	ug/L	2/19/2009	ND	
MW-50	d	Fluorene	86-73-7	ug/L	2/19/2009	ND	
MW-50	d	Gamma-BHC [Lindane]	58-89-9	ug/L	2/19/2009	ND	
MW-50	d	Heptachlor	76-44-8	ug/L	2/19/2009	ND	
MW-50	d	Heptachlor Epoxide	1024-57-3	ug/L	2/19/2009	ND	
MW-50	d	Hexachlorobenzene	118-74-1	ug/L	2/19/2009	ND	
MW-50	d	Hexachlorobutadiene	87-68-3	ug/L	2/19/2009	ND	
MW-50	d	Hexachlorocyclopentadiene	77-47-4	ug/L	2/19/2009	ND	
MW-50	d	Hexachloroethane	67-72-1	ug/L	2/19/2009	ND	
MW-50	d	Hexachloropropene	1888-71-7	ug/L	2/19/2009	ND	
MW-50	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	2/19/2009	ND	
MW-50	d	Isobutanol	78-83-1	mg/L	2/19/2009	ND	
MW-50	d	Isodrin	465-73-6	ug/L	2/19/2009	ND	
MW-50	d	Isophorone	78-59-1	ug/L	2/19/2009	ND	
MW-50	d	Isosafrole	120-58-1	ug/L	2/19/2009	ND	
MW-50	d	Kepone	143-50-0	ug/L	2/19/2009	ND	
MW-50	d	Methacrylonitrile	126-98-7	ug/L	2/19/2009	ND	
MW-50	d	Methapyrilene	91-80-5	ug/L	2/19/2009	ND	
MW-50	d	Methoxychlor	72-43-5	ug/L	2/19/2009	ND	
MW-50	d	Methyl Methacrylate	80-62-6	ug/L	2/19/2009	ND	
MW-50	d	Methyl Methanesulfonate	66-27-3	ug/L	2/19/2009	ND	
MW-50	d	Naphthalene	91-20-3	ug/L	2/19/2009	ND	
MW-50	d	Nitrobenzene	98-95-3	ug/L	2/19/2009	ND	
MW-50	d	N-Nitrosodiethylamine	55-18-5	ug/L	2/19/2009	ND	
MW-50	d	N-Nitrosodimethylamine	62-75-9	ug/L	2/19/2009	ND	
MW-50	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	2/19/2009	ND	
MW-50	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	2/19/2009	ND	
MW-50	d	N-Nitrosodiphenylamine	86-30-6	ug/L	2/19/2009	ND	
MW-50	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	2/19/2009	ND	
MW-50	d	N-Nitrosopiperidine	100-75-4	ug/L	2/19/2009	ND	
MW-50	d	N-Nitrosopyrrolidine	930-55-2	ug/L	2/19/2009	ND	
MW-50	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	2/19/2009	ND	
MW-50	d	o-Toluidine	95-53-4	ug/L	2/19/2009	ND	
MW-50	d	Dimethylaminoazobenzene	60-11-7	ug/L	2/19/2009	ND	
MW-50	d	Parathion-Ethyl	56-38-2	ug/L	2/19/2009	ND	
MW-50	d	Parathion-Methyl	298-00-0	ug/L	2/19/2009	ND	
MW-50	d	PCB-1016	12674-11-2	ug/L	2/19/2009	ND	
MW-50	d	PCB-1221	11104-28-2	ug/L	2/19/2009	ND	
MW-50	d	PCB-1232	11141-16-5	ug/L	2/19/2009	ND	
MW-50	d	PCB-1242	53469-21-9	ug/L	2/19/2009	ND	
MW-50	d	PCB-1248	12672-29-6	ug/L	2/19/2009	ND	
MW-50	d	PCB-1254	11097-69-1	ug/L	2/19/2009	ND	
MW-50	d	PCB-1260	11096-82-5	ug/L	2/19/2009	ND	
MW-50	d	Pentachlorobenzene	608-93-5	ug/L	2/19/2009	ND	
MW-50	d	Pentachloronitrobenzene	82-68-8	ug/L	2/19/2009	ND	
MW-50	d	Pentachlorophenol [2C]	87-86-5	ug/L	2/19/2009	ND	
MW-50	d	Phenacetin	62-44-2	ug/L	2/19/2009	ND	
MW-50	d	Phenanthrene	85-01-8	ug/L	2/19/2009	ND	
MW-50	d	Phenol	108-95-2	ug/L	2/19/2009	ND	
MW-50	d	Phorate	298-02-2	ug/L	2/19/2009	ND	
MW-50	d	Pronamide	23950-58-5	ug/L	2/19/2009	ND	
MW-50	d	Propionitrile	107-12-0	ug/L	2/19/2009	ND	
MW-50	d	Pyrene	129-00-0	ug/L	2/19/2009	ND	
MW-50	d	Safrole	94-59-7	ug/L	2/19/2009	ND	
MW-50	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	2/19/2009	ND	
MW-50	d	Sulfide	18496-25-8	mg/L	2/19/2009	ND	
MW-50	d	Thionazin	297-97-2	ug/L	2/19/2009	ND	
MW-50	d	Toxaphene	8001-35-2	ug/L	2/19/2009	ND	
MW-50	d	Methylene Bromide	74-95-3	ug/L	2/19/2009	ND	
MW-50	d	PCB-1268	11100-14-4	ug/L	2/19/2009	ND	
MW-29	d	Arsenic	7440-38-2	mg/L	2/20/2009		0.00598
MW-29	d	Barium	7440-39-3	mg/L	2/20/2009		2.28
MW-29	d	Cobalt	7440-48-4	mg/L	2/20/2009		0.0605
MW-29	d	Nickel	7440-02-0	mg/L	2/20/2009		0.0594
MW-29	d	Zinc	7440-66-6	mg/L	2/20/2009		0.109
MW-29	d	Benzene	71-43-2	ug/L	2/20/2009		4.71
MW-29	d	Chlorobenzene	108-90-7	ug/L	2/20/2009	ND	
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	2/20/2009		4.12
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/20/2009		13.6
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/20/2009		1.25
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	2/20/2009		1.57
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/20/2009		5.98

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Tetrachloroethene	127-18-4	ug/L	2/20/2009	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	2/20/2009		3.76
MW-29	d	Vinyl Chloride	75-01-4	ug/L	2/20/2009		3.89
MW-29	d	Alpha-Chlordane	5103-71-9	ug/L	2/20/2009		0.0403
MW-56	d	Antimony	7440-36-0	mg/L	2/20/2009	ND	
MW-56	d	Arsenic	7440-38-2	mg/L	2/20/2009		0.00191
MW-56	d	Barium	7440-39-3	mg/L	2/20/2009		0.454
MW-56	d	Beryllium	7440-41-7	mg/L	2/20/2009	ND	
MW-56	d	Cadmium	7440-43-9	mg/L	2/20/2009	ND	
MW-56	d	Chromium	7440-47-3	mg/L	2/20/2009	ND	
MW-56	d	Cobalt	7440-48-4	mg/L	2/20/2009	NDX	
MW-56	d	Copper	7440-50-8	mg/L	2/20/2009	ND	
MW-56	d	Lead	7439-92-1	mg/L	2/20/2009	ND	
MW-56	d	Nickel	7440-02-0	mg/L	2/20/2009	ND	
MW-56	d	Selenium	7782-49-2	mg/L	2/20/2009	ND	
MW-56	d	Silver	7440-22-4	mg/L	2/20/2009	ND	
MW-56	d	Thallium	7440-28-0	mg/L	2/20/2009	ND	
MW-56	d	Vanadium	7440-62-2	mg/L	2/20/2009	ND	
MW-56	d	Zinc	7440-66-6	mg/L	2/20/2009		0.028
MW-56	d	Mercury	7439-97-6	mg/L	2/20/2009	ND	
MW-56	d	Tin	7440-31-5	mg/L	2/20/2009	ND	
MW-56	d	Acetone	67-64-1	ug/L	2/20/2009	ND	
MW-56	d	Acrylonitrile	107-13-1	ug/L	2/20/2009	ND	
MW-56	d	Benzene	71-43-2	ug/L	2/20/2009	ND	
MW-56	d	Bromochloromethane	74-97-5	ug/L	2/20/2009	ND	
MW-56	d	Bromodichloromethane	75-27-4	ug/L	2/20/2009	ND	
MW-56	d	Bromoform	75-25-2	ug/L	2/20/2009	ND	
MW-56	d	Carbon Disulfide	75-15-0	ug/L	2/20/2009	ND	
MW-56	d	Carbon Tetrachloride	56-23-5	ug/L	2/20/2009	ND	
MW-56	d	Chlorobenzene	108-90-7	ug/L	2/20/2009	ND	
MW-56	d	Chloroethane	75-00-3	ug/L	2/20/2009	ND	
MW-56	d	Chloroform	67-66-3	ug/L	2/20/2009	ND	
MW-56	d	Chlorodibromomethane	124-48-1	ug/L	2/20/2009	ND	
MW-56	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/20/2009	ND	
MW-56	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/20/2009	ND	
MW-56	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/20/2009	ND	
MW-56	d	1,1-Dichloroethane	75-34-3	ug/L	2/20/2009	ND	
MW-56	d	1,2-Dichloroethane	107-06-2	ug/L	2/20/2009	ND	
MW-56	d	1,1-Dichloroethene	75-35-4	ug/L	2/20/2009	ND	
MW-56	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/20/2009	ND	
MW-56	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/20/2009	ND	
MW-56	d	1,2-Dichloropropane	78-87-5	ug/L	2/20/2009	ND	
MW-56	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/20/2009	ND	
MW-56	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/20/2009	ND	
MW-56	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/20/2009	ND	
MW-56	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/20/2009	ND	
MW-56	d	Ethylbenzene	100-41-4	ug/L	2/20/2009	ND	
MW-56	d	2-Hexanone	591-78-6	ug/L	2/20/2009	ND	
MW-56	d	Bromomethane	74-83-9	ug/L	2/20/2009	ND	
MW-56	d	Chloromethane	74-87-3	ug/L	2/20/2009	ND	
MW-56	d	2-Butanone	78-93-3	ug/L	2/20/2009	ND	
MW-56	d	Iodomethane	74-88-4	ug/L	2/20/2009	ND	
MW-56	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/20/2009	ND	
MW-56	d	Methylene Chloride	75-09-2	ug/L	2/20/2009	ND	
MW-56	d	Styrene	100-42-5	ug/L	2/20/2009	ND	
MW-56	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/20/2009	ND	
MW-56	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/20/2009	ND	
MW-56	d	Tetrachloroethene	127-18-4	ug/L	2/20/2009	ND	
MW-56	d	Toluene	108-88-3	ug/L	2/20/2009	ND	
MW-56	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/20/2009	ND	
MW-56	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/20/2009	ND	
MW-56	d	Trichloroethene	79-01-6	ug/L	2/20/2009	ND	
MW-56	d	Trichlorofluoromethane	75-69-4	ug/L	2/20/2009	ND	
MW-56	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/20/2009	ND	
MW-56	d	Vinyl Acetate	108-05-4	ug/L	2/20/2009	ND	
MW-56	d	Vinyl Chloride	75-01-4	ug/L	2/20/2009	ND	
MW-56	d	Xylenes, total	1330-20-7	ug/L	2/20/2009	ND	
MW-56	d	1,1-Dichloropropene	563-58-6	ug/L	2/20/2009	ND	
MW-56	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	2/20/2009	ND	
MW-56	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	2/20/2009	ND	
MW-56	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	2/20/2009	ND	
MW-56	d	1,3-Dichlorobenzene	541-73-1	ug/L	2/20/2009	ND	
MW-56	d	1,3-Dichloropropane	142-28-9	ug/L	2/20/2009	ND	
MW-56	d	1,3-Dinitrobenzene	99-65-0	ug/L	2/20/2009	ND	
MW-56	d	1,4-Naphthoquinone	130-15-4	ug/L	2/20/2009	ND	
MW-56	d	1,4-Phenylenediamine	106-50-3	ug/L	2/20/2009	ND	
MW-56	d	1-Naphthylamine	134-32-7	ug/L	2/20/2009	ND	
MW-56	d	2,2-Dichloropropane	594-20-7	ug/L	2/20/2009	ND	
MW-56	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	2/20/2009	ND	
MW-56	d	2,4,5-T [2C]	93-76-5	ug/L	2/20/2009	ND	
MW-56	d	2,4,5-Trichlorophenol	95-95-4	ug/L	2/20/2009	ND	
MW-56	d	2,4,6-Trichlorophenol	88-06-2	ug/L	2/20/2009	ND	
MW-56	d	2,4-D [2C]	94-75-7	ug/L	2/20/2009	ND	
MW-56	d	2,4-Dichlorophenol	120-83-2	ug/L	2/20/2009	ND	
MW-56	d	2,4-Dimethylphenol	105-67-9	ug/L	2/20/2009	ND	
MW-56	d	2,4-Dinitrophenol	51-28-5	ug/L	2/20/2009	ND	
MW-56	d	2,4-Dinitrotoluene	121-14-2	ug/L	2/20/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	2,6-Dichlorophenol	87-65-0	ug/L	2/20/2009	ND	
MW-56	d	2,6-Dinitrotoluene	606-20-2	ug/L	2/20/2009	ND	
MW-56	d	2-Acetylaminofluorene	53-96-3	ug/L	2/20/2009	ND	
MW-56	d	2-Chloronaphthalene	91-58-7	ug/L	2/20/2009	ND	
MW-56	d	2-Chlorophenol	95-57-8	ug/L	2/20/2009	ND	
MW-56	d	2-Methylnaphthalene	91-57-6	ug/L	2/20/2009	ND	
MW-56	d	2-Methylphenol	95-48-7	ug/L	2/20/2009	ND	
MW-56	d	2-Naphthylamine	91-59-8	ug/L	2/20/2009	ND	
MW-56	d	2-Nitroaniline	88-74-4	ug/L	2/20/2009	ND	
MW-56	d	2-Nitrophenol	88-75-5	ug/L	2/20/2009	ND	
MW-56	d	3,3-Dichlorobenzidine	91-94-1	ug/L	2/20/2009	ND	
MW-56	d	3,3-Dimethylbenzidine	119-93-7	ug/L	2/20/2009	ND	
MW-56	d	3/4-Methylphenol	T-34MP	ug/L	2/20/2009	ND	
MW-56	d	3-Methylcholanthrene	56-49-5	ug/L	2/20/2009	ND	
MW-56	d	3-Nitroaniline	99-09-2	ug/L	2/20/2009	ND	
MW-56	d	4,4`-DDD	72-54-8	ug/L	2/20/2009	ND	
MW-56	d	4,4`-DDE	72-55-9	ug/L	2/20/2009	ND	
MW-56	d	4,4`-DDT	50-29-3	ug/L	2/20/2009	ND	
MW-56	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	2/20/2009	ND	
MW-56	d	4-Aminobiphenyl	92-67-1	ug/L	2/20/2009	ND	
MW-56	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	2/20/2009	ND	
MW-56	d	4-Chloro-3-methylphenol	59-50-7	ug/L	2/20/2009	ND	
MW-56	d	4-Chloroaniline	106-47-8	ug/L	2/20/2009	ND	
MW-56	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	2/20/2009	ND	
MW-56	d	4-Nitroaniline	100-01-6	ug/L	2/20/2009	ND	
MW-56	d	4-Nitrophenol	100-02-7	ug/L	2/20/2009	ND	
MW-56	d	5-Nitro-o-toluidine	99-55-8	ug/L	2/20/2009	ND	
MW-56	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	2/20/2009	ND	
MW-56	d	Acenaphthene	83-32-9	ug/L	2/20/2009	ND	
MW-56	d	Acenaphthylene	208-96-8	ug/L	2/20/2009	ND	
MW-56	d	Acetonitrile	75-05-8	ug/L	2/20/2009	ND	
MW-56	d	Acetophenone	98-86-2	ug/L	2/20/2009	ND	
MW-56	d	Acrolein	107-02-8	ug/L	2/20/2009	ND	
MW-56	d	Aldrin	309-00-2	ug/L	2/20/2009	ND	
MW-56	d	3-Chloropropene	107-05-1	ug/L	2/20/2009	ND	
MW-56	d	Alpha-BHC	319-84-6	ug/L	2/20/2009	ND	
MW-56	d	Anthracene	120-12-7	ug/L	2/20/2009	ND	
MW-56	d	Benzo [a] anthracene	56-55-3	ug/L	2/20/2009	ND	
MW-56	d	Benzo [a] pyrene	50-32-8	ug/L	2/20/2009	ND	
MW-56	d	Benzo [b] fluoranthene	205-99-2	ug/L	2/20/2009	ND	
MW-56	d	Benzo [g,h,i] perylene	191-24-2	ug/L	2/20/2009	ND	
MW-56	d	Benzo [k] fluoranthene	207-08-9	ug/L	2/20/2009	ND	
MW-56	d	Benzyl alcohol	100-51-6	ug/L	2/20/2009	ND	
MW-56	d	Beta-BHC	319-85-7	ug/L	2/20/2009	ND	
MW-56	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	2/20/2009	ND	
MW-56	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	2/20/2009	ND	
MW-56	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	2/20/2009	ND	
MW-56	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	2/20/2009	ND	
MW-56	d	Butyl benzyl phthalate	85-68-7	ug/L	2/20/2009	ND	
MW-56	d	Chlordane	57-74-9	ug/L	2/20/2009	ND	
MW-56	d	Chlorobenzilate	510-15-6	ug/L	2/20/2009	ND	
MW-56	d	Chloroprene	126-99-8	ug/L	2/20/2009	ND	
MW-56	d	Chrysene	218-01-9	ug/L	2/20/2009	ND	
MW-56	d	Cyanide	57-12-5	mg/L	2/20/2009	ND	
MW-56	d	Delta-BHC	319-86-8	ug/L	2/20/2009	ND	
MW-56	d	Diallate [cis or trans]	2303-16-4	ug/L	2/20/2009	ND	
MW-56	d	Dibenz [a,h] anthracene	53-70-3	ug/L	2/20/2009	ND	
MW-56	d	Dibenzofuran	132-64-9	ug/L	2/20/2009	ND	
MW-56	d	Dichlorodifluoromethane	75-71-8	ug/L	2/20/2009		7.01
MW-56	d	Dieldrin	60-57-1	ug/L	2/20/2009	ND	
MW-56	d	Diethyl phthalate	84-66-2	ug/L	2/20/2009	ND	
MW-56	d	Dimethoate	60-51-5	ug/L	2/20/2009	ND	
MW-56	d	Dimethyl phthalate	131-11-3	ug/L	2/20/2009	ND	
MW-56	d	Di-n-butyl phthalate	84-74-2	ug/L	2/20/2009	ND	
MW-56	d	Di-n-octyl phthalate	117-84-0	ug/L	2/20/2009	ND	
MW-56	d	Dinoseb	88-85-7	ug/L	2/20/2009	ND	
MW-56	d	Diphenylamine	122-39-4	ug/L	2/20/2009	ND	
MW-56	d	Disulfoton	298-04-4	ug/L	2/20/2009	ND	
MW-56	d	Endosulfan I	959-98-8	ug/L	2/20/2009	ND	
MW-56	d	Endosulfan II	33213-65-9	ug/L	2/20/2009	ND	
MW-56	d	Endosulfan sulfate	1031-07-8	ug/L	2/20/2009	ND	
MW-56	d	Endrin	72-20-8	ug/L	2/20/2009	ND	
MW-56	d	Endrin aldehyde	7421-93-4	ug/L	2/20/2009	ND	
MW-56	d	Ethyl Methacrylate	97-63-2	ug/L	2/20/2009	ND	
MW-56	d	Ethyl Methanesulfonate	62-50-0	ug/L	2/20/2009	ND	
MW-56	d	Famphur	52-85-7	ug/L	2/20/2009	ND	
MW-56	d	Fluoranthene	206-44-0	ug/L	2/20/2009	ND	
MW-56	d	Fluorene	86-73-7	ug/L	2/20/2009	ND	
MW-56	d	Gamma-BHC [Lindane]	58-89-9	ug/L	2/20/2009	ND	
MW-56	d	Heptachlor	76-44-8	ug/L	2/20/2009	ND	
MW-56	d	Heptachlor Epoxide	1024-57-3	ug/L	2/20/2009	ND	
MW-56	d	Hexachlorobenzene	118-74-1	ug/L	2/20/2009	ND	
MW-56	d	Hexachlorobutadiene	87-68-3	ug/L	2/20/2009	ND	
MW-56	d	Hexachlorocyclopentadiene	77-47-4	ug/L	2/20/2009	ND	
MW-56	d	Hexachloroethane	67-72-1	ug/L	2/20/2009	ND	
MW-56	d	Hexachloropropene	1888-71-7	ug/L	2/20/2009	ND	
MW-56	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	2/20/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	Isobutanol	78-83-1	mg/L	2/20/2009	ND	
MW-56	d	Isodrin	465-73-6	ug/L	2/20/2009	ND	
MW-56	d	Isophorone	78-59-1	ug/L	2/20/2009	ND	
MW-56	d	Isosafrole	120-58-1	ug/L	2/20/2009	ND	
MW-56	d	Kepone	143-50-0	ug/L	2/20/2009	ND	
MW-56	d	Methacrylonitrile	126-98-7	ug/L	2/20/2009	ND	
MW-56	d	Methapyrilene	91-80-5	ug/L	2/20/2009	ND	
MW-56	d	Methoxychlor	72-43-5	ug/L	2/20/2009	ND	
MW-56	d	Methyl Methacrylate	80-62-6	ug/L	2/20/2009	ND	
MW-56	d	Methyl Methanesulfonate	66-27-3	ug/L	2/20/2009	ND	
MW-56	d	Naphthalene	91-20-3	ug/L	2/20/2009	ND	
MW-56	d	Nitrobenzene	98-95-3	ug/L	2/20/2009	ND	
MW-56	d	N-Nitrosodiethylamine	55-18-5	ug/L	2/20/2009	ND	
MW-56	d	N-Nitrosodimethylamine	62-75-9	ug/L	2/20/2009	ND	
MW-56	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	2/20/2009	ND	
MW-56	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	2/20/2009	ND	
MW-56	d	N-Nitrosodiphenylamine	86-30-6	ug/L	2/20/2009	ND	
MW-56	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	2/20/2009	ND	
MW-56	d	N-Nitrosopiperidine	100-75-4	ug/L	2/20/2009	ND	
MW-56	d	N-Nitrosopyrrolidine	930-55-2	ug/L	2/20/2009	ND	
MW-56	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	2/20/2009	ND	
MW-56	d	o-Toluidine	95-53-4	ug/L	2/20/2009	ND	
MW-56	d	Dimethylaminoazobenzene	60-11-7	ug/L	2/20/2009	ND	
MW-56	d	Parathion-Ethyl	56-38-2	ug/L	2/20/2009	ND	
MW-56	d	Parathion-Methyl	298-00-0	ug/L	2/20/2009	ND	
MW-56	d	PCB-1016	12674-11-2	ug/L	2/20/2009	ND	
MW-56	d	PCB-1221	11104-28-2	ug/L	2/20/2009	ND	
MW-56	d	PCB-1232	11141-16-5	ug/L	2/20/2009	ND	
MW-56	d	PCB-1242	53469-21-9	ug/L	2/20/2009	ND	
MW-56	d	PCB-1248	12672-29-6	ug/L	2/20/2009	ND	
MW-56	d	PCB-1254	11097-69-1	ug/L	2/20/2009	ND	
MW-56	d	PCB-1260	11096-82-5	ug/L	2/20/2009	ND	
MW-56	d	Pentachlorobenzene	608-93-5	ug/L	2/20/2009	ND	
MW-56	d	Pentachloronitrobenzene	82-68-8	ug/L	2/20/2009	ND	
MW-56	d	Pentachlorophenol [2C]	87-86-5	ug/L	2/20/2009	ND	
MW-56	d	Phenacetin	62-44-2	ug/L	2/20/2009	ND	
MW-56	d	Phenanthrene	85-01-8	ug/L	2/20/2009	ND	
MW-56	d	Phenol	108-95-2	ug/L	2/20/2009	ND	
MW-56	d	Phorate	298-02-2	ug/L	2/20/2009	ND	
MW-56	d	Pronamide	23950-58-5	ug/L	2/20/2009	ND	
MW-56	d	Propionitrile	107-12-0	ug/L	2/20/2009	ND	
MW-56	d	Pyrene	129-00-0	ug/L	2/20/2009	ND	
MW-56	d	Safrole	94-59-7	ug/L	2/20/2009	ND	
MW-56	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	2/20/2009	ND	
MW-56	d	Sulfide	18496-25-8	mg/L	2/20/2009	ND	
MW-56	d	Thionazin	297-97-2	ug/L	2/20/2009	ND	
MW-56	d	Toxaphene	8001-35-2	ug/L	2/20/2009	ND	
MW-56	d	Methylene Bromide	74-95-3	ug/L	2/20/2009	ND	
MW-56	d	PCB-1268	11100-14-4	ug/L	2/20/2009	ND	
MW-57	d	Antimony	7440-36-0	mg/L	2/20/2009	ND	
MW-57	d	Arsenic	7440-38-2	mg/L	2/20/2009		0.0254
MW-57	d	Barium	7440-39-3	mg/L	2/20/2009		0.83
MW-57	d	Beryllium	7440-41-7	mg/L	2/20/2009	ND	
MW-57	d	Cadmium	7440-43-9	mg/L	2/20/2009	ND	
MW-57	d	Chromium	7440-47-3	mg/L	2/20/2009	ND	
MW-57	d	Cobalt	7440-48-4	mg/L	2/20/2009		0.0395
MW-57	d	Copper	7440-50-8	mg/L	2/20/2009	ND	
MW-57	d	Lead	7439-92-1	mg/L	2/20/2009	ND	
MW-57	d	Nickel	7440-02-0	mg/L	2/20/2009	ND	
MW-57	d	Selenium	7782-49-2	mg/L	2/20/2009	ND	
MW-57	d	Silver	7440-22-4	mg/L	2/20/2009	ND	
MW-57	d	Thallium	7440-28-0	mg/L	2/20/2009	ND	
MW-57	d	Vanadium	7440-62-2	mg/L	2/20/2009	ND	
MW-57	d	Zinc	7440-66-6	mg/L	2/20/2009		0.0638
MW-57	d	Mercury	7439-97-6	mg/L	2/20/2009	ND	
MW-57	d	Tin	7440-31-5	mg/L	2/20/2009	ND	
MW-57	d	Acetone	67-64-1	ug/L	2/20/2009	ND	
MW-57	d	Acrylonitrile	107-13-1	ug/L	2/20/2009	ND	
MW-57	d	Benzene	71-43-2	ug/L	2/20/2009		0.84
MW-57	d	Bromochloromethane	74-97-5	ug/L	2/20/2009	ND	
MW-57	d	Bromodichloromethane	75-27-4	ug/L	2/20/2009	ND	
MW-57	d	Bromoform	75-25-2	ug/L	2/20/2009	ND	
MW-57	d	Carbon Disulfide	75-15-0	ug/L	2/20/2009	ND	
MW-57	d	Carbon Tetrachloride	56-23-5	ug/L	2/20/2009	ND	
MW-57	d	Chlorobenzene	108-90-7	ug/L	2/20/2009	ND	
MW-57	d	Chloroethane	75-00-3	ug/L	2/20/2009	ND	
MW-57	d	Chloroform	67-66-3	ug/L	2/20/2009	ND	
MW-57	d	Chlorodibromomethane	124-48-1	ug/L	2/20/2009	ND	
MW-57	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/20/2009	ND	
MW-57	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/20/2009	ND	
MW-57	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/20/2009	ND	
MW-57	d	1,1-Dichloroethane	75-34-3	ug/L	2/20/2009	ND	
MW-57	d	1,2-Dichloroethane	107-06-2	ug/L	2/20/2009	ND	
MW-57	d	1,1-Dichloroethene	75-35-4	ug/L	2/20/2009	ND	
MW-57	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/20/2009	ND	
MW-57	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/20/2009	ND	
MW-57	d	1,2-Dichloropropane	78-87-5	ug/L	2/20/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/20/2009	ND	
MW-57	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/20/2009	ND	
MW-57	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/20/2009	ND	
MW-57	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/20/2009	ND	
MW-57	d	Ethylbenzene	100-41-4	ug/L	2/20/2009	ND	
MW-57	d	2-Hexanone	591-78-6	ug/L	2/20/2009	ND	
MW-57	d	Bromomethane	74-83-9	ug/L	2/20/2009	ND	
MW-57	d	Chloromethane	74-87-3	ug/L	2/20/2009	ND	
MW-57	d	2-Butanone	78-93-3	ug/L	2/20/2009	ND	
MW-57	d	Iodomethane	74-88-4	ug/L	2/20/2009	ND	
MW-57	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/20/2009	ND	
MW-57	d	Methylene Chloride	75-09-2	ug/L	2/20/2009	ND	
MW-57	d	Styrene	100-42-5	ug/L	2/20/2009	ND	
MW-57	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/20/2009	ND	
MW-57	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/20/2009	ND	
MW-57	d	Tetrachloroethene	127-18-4	ug/L	2/20/2009	ND	
MW-57	d	Toluene	108-88-3	ug/L	2/20/2009	ND	
MW-57	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/20/2009	ND	
MW-57	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/20/2009	ND	
MW-57	d	Trichloroethene	79-01-6	ug/L	2/20/2009	ND	
MW-57	d	Trichlorofluoromethane	75-69-4	ug/L	2/20/2009	ND	
MW-57	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/20/2009	ND	
MW-57	d	Vinyl Acetate	108-05-4	ug/L	2/20/2009	ND	
MW-57	d	Vinyl Chloride	75-01-4	ug/L	2/20/2009	ND	
MW-57	d	Xylenes, total	1330-20-7	ug/L	2/20/2009	ND	
MW-57	d	1,1-Dichloropropene	563-58-6	ug/L	2/20/2009	ND	
MW-57	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	2/20/2009	ND	
MW-57	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	2/20/2009	ND	
MW-57	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	2/20/2009	ND	
MW-57	d	1,3-Dichlorobenzene	541-73-1	ug/L	2/20/2009	ND	
MW-57	d	1,3-Dichloropropane	142-28-9	ug/L	2/20/2009	ND	
MW-57	d	1,3-Dinitrobenzene	99-65-0	ug/L	2/20/2009	ND	
MW-57	d	1,4-Naphthoquinone	130-15-4	ug/L	2/20/2009	ND	
MW-57	d	1,4-Phenylenediamine	106-50-3	ug/L	2/20/2009	ND	
MW-57	d	1-Naphthylamine	134-32-7	ug/L	2/20/2009	ND	
MW-57	d	2,2-Dichloropropane	594-20-7	ug/L	2/20/2009	ND	
MW-57	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	2/20/2009	ND	
MW-57	d	2,4,5-T [2C]	93-76-5	ug/L	2/20/2009	ND	
MW-57	d	2,4,5-Trichlorophenol	95-95-4	ug/L	2/20/2009	ND	
MW-57	d	2,4,6-Trichlorophenol	88-06-2	ug/L	2/20/2009	ND	
MW-57	d	2,4-D [2C]	94-75-7	ug/L	2/20/2009	ND	
MW-57	d	2,4-Dichlorophenol	120-83-2	ug/L	2/20/2009	ND	
MW-57	d	2,4-Dimethylphenol	105-67-9	ug/L	2/20/2009	ND	
MW-57	d	2,4-Dinitrophenol	51-28-5	ug/L	2/20/2009	ND	
MW-57	d	2,4-Dinitrotoluene	121-14-2	ug/L	2/20/2009	ND	
MW-57	d	2,6-Dichlorophenol	87-65-0	ug/L	2/20/2009	ND	
MW-57	d	2,6-Dinitrotoluene	606-20-2	ug/L	2/20/2009	ND	
MW-57	d	2-Acetylaminofluorene	53-96-3	ug/L	2/20/2009	ND	
MW-57	d	2-Chloronaphthalene	91-58-7	ug/L	2/20/2009	ND	
MW-57	d	2-Chlorophenol	95-57-8	ug/L	2/20/2009	ND	
MW-57	d	2-Methylnaphthalene	91-57-6	ug/L	2/20/2009	ND	
MW-57	d	2-Methylphenol	95-48-7	ug/L	2/20/2009	ND	
MW-57	d	2-Naphthylamine	91-59-8	ug/L	2/20/2009	ND	
MW-57	d	2-Nitroaniline	88-74-4	ug/L	2/20/2009	ND	
MW-57	d	2-Nitrophenol	88-75-5	ug/L	2/20/2009	ND	
MW-57	d	3,3-Dichlorobenzidine	91-94-1	ug/L	2/20/2009	ND	
MW-57	d	3,3-Dimethylbenzidine	119-93-7	ug/L	2/20/2009	ND	
MW-57	d	3/4-Methylphenol	T-34MP	ug/L	2/20/2009	ND	
MW-57	d	3-Methylcholanthrene	56-49-5	ug/L	2/20/2009	ND	
MW-57	d	3-Nitroaniline	99-09-2	ug/L	2/20/2009	ND	
MW-57	d	4,4`-DDD	72-54-8	ug/L	2/20/2009	ND	
MW-57	d	4,4`-DDE	72-55-9	ug/L	2/20/2009	ND	
MW-57	d	4,4`-DDT	50-29-3	ug/L	2/20/2009	ND	
MW-57	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	2/20/2009	ND	
MW-57	d	4-Aminobiphenyl	92-67-1	ug/L	2/20/2009	ND	
MW-57	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	2/20/2009	ND	
MW-57	d	4-Chloro-3-methylphenol	59-50-7	ug/L	2/20/2009	ND	
MW-57	d	4-Chloroaniline	106-47-8	ug/L	2/20/2009	ND	
MW-57	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	2/20/2009	ND	
MW-57	d	4-Nitroaniline	100-01-6	ug/L	2/20/2009	ND	
MW-57	d	4-Nitrophenol	100-02-7	ug/L	2/20/2009	ND	
MW-57	d	5-Nitro-o-toluidine	99-55-8	ug/L	2/20/2009	ND	
MW-57	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	2/20/2009	ND	
MW-57	d	Acenaphthene	83-32-9	ug/L	2/20/2009	ND	
MW-57	d	Acenaphthylene	208-96-8	ug/L	2/20/2009	ND	
MW-57	d	Acetonitrile	75-05-8	ug/L	2/20/2009	ND	
MW-57	d	Acetophenone	98-86-2	ug/L	2/20/2009	ND	
MW-57	d	Acrolein	107-02-8	ug/L	2/20/2009	ND	
MW-57	d	Aldrin	309-00-2	ug/L	2/20/2009	ND	
MW-57	d	3-Chloropropene	107-05-1	ug/L	2/20/2009	ND	
MW-57	d	Alpha-BHC	319-84-6	ug/L	2/20/2009	ND	
MW-57	d	Anthracene	120-12-7	ug/L	2/20/2009	ND	
MW-57	d	Benzo [a] anthracene	56-55-3	ug/L	2/20/2009	ND	
MW-57	d	Benzo [a] pyrene	50-32-8	ug/L	2/20/2009	ND	
MW-57	d	Benzo [b] fluoranthene	205-99-2	ug/L	2/20/2009	ND	
MW-57	d	Benzo [g,h,i] perylene	191-24-2	ug/L	2/20/2009	ND	
MW-57	d	Benzo [k] fluoranthene	207-08-9	ug/L	2/20/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57	d	Benzyl alcohol	100-51-6	ug/L	2/20/2009	ND	
MW-57	d	Beta-BHC	319-85-7	ug/L	2/20/2009	ND	
MW-57	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	2/20/2009	ND	
MW-57	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	2/20/2009	ND	
MW-57	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	2/20/2009	ND	
MW-57	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	2/20/2009	ND	
MW-57	d	Butyl benzyl phthalate	85-68-7	ug/L	2/20/2009	ND	
MW-57	d	Chlordane	57-74-9	ug/L	2/20/2009	ND	
MW-57	d	Chlorobenzilate	510-15-6	ug/L	2/20/2009	ND	
MW-57	d	Chloroprene	126-99-8	ug/L	2/20/2009	ND	
MW-57	d	Chrysene	218-01-9	ug/L	2/20/2009	ND	
MW-57	d	Cyanide	57-12-5	mg/L	2/20/2009	ND	
MW-57	d	Delta-BHC	319-86-8	ug/L	2/20/2009	ND	
MW-57	d	Diallate [cis or trans]	2303-16-4	ug/L	2/20/2009	ND	
MW-57	d	Dibenz [a,h] anthracene	53-70-3	ug/L	2/20/2009	ND	
MW-57	d	Dibenzofuran	132-64-9	ug/L	2/20/2009	ND	
MW-57	d	Dichlorodifluoromethane	75-71-8	ug/L	2/20/2009	ND	
MW-57	d	Dieldrin	60-57-1	ug/L	2/20/2009	ND	
MW-57	d	Diethyl phthalate	84-66-2	ug/L	2/20/2009	ND	
MW-57	d	Dimethoate	60-51-5	ug/L	2/20/2009	ND	
MW-57	d	Dimethyl phthalate	131-11-3	ug/L	2/20/2009	ND	
MW-57	d	Di-n-butyl phthalate	84-74-2	ug/L	2/20/2009	ND	
MW-57	d	Di-n-octyl phthalate	117-84-0	ug/L	2/20/2009	ND	
MW-57	d	Dinoseb	88-85-7	ug/L	2/20/2009	ND	
MW-57	d	Diphenylamine	122-39-4	ug/L	2/20/2009	ND	
MW-57	d	Disulfoton	298-04-4	ug/L	2/20/2009	ND	
MW-57	d	Endosulfan I	959-98-8	ug/L	2/20/2009	ND	
MW-57	d	Endosulfan II	33213-65-9	ug/L	2/20/2009	ND	
MW-57	d	Endosulfan sulfate	1031-07-8	ug/L	2/20/2009	ND	
MW-57	d	Endrin	72-20-8	ug/L	2/20/2009	ND	
MW-57	d	Endrin aldehyde	7421-93-4	ug/L	2/20/2009	ND	
MW-57	d	Ethyl Methacrylate	97-63-2	ug/L	2/20/2009	ND	
MW-57	d	Ethyl Methanesulfonate	62-50-0	ug/L	2/20/2009	ND	
MW-57	d	Famphur	52-85-7	ug/L	2/20/2009	ND	
MW-57	d	Fluoranthene	206-44-0	ug/L	2/20/2009	ND	
MW-57	d	Fluorene	86-73-7	ug/L	2/20/2009	ND	
MW-57	d	Gamma-BHC [Lindane]	58-89-9	ug/L	2/20/2009	ND	
MW-57	d	Heptachlor	76-44-8	ug/L	2/20/2009	ND	
MW-57	d	Heptachlor Epoxide	1024-57-3	ug/L	2/20/2009	ND	
MW-57	d	Hexachlorobenzene	118-74-1	ug/L	2/20/2009	ND	
MW-57	d	Hexachlorobutadiene	87-68-3	ug/L	2/20/2009	ND	
MW-57	d	Hexachlorocyclopentadiene	77-47-4	ug/L	2/20/2009	ND	
MW-57	d	Hexachloroethane	67-72-1	ug/L	2/20/2009	ND	
MW-57	d	Hexachloropropene	1888-71-7	ug/L	2/20/2009	ND	
MW-57	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	2/20/2009	ND	
MW-57	d	Isobutanol	78-83-1	mg/L	2/20/2009	ND	
MW-57	d	Isodrin	465-73-6	ug/L	2/20/2009	ND	
MW-57	d	Isophorone	78-59-1	ug/L	2/20/2009	ND	
MW-57	d	Isosafrole	120-58-1	ug/L	2/20/2009	ND	
MW-57	d	Kepone	143-50-0	ug/L	2/20/2009	ND	
MW-57	d	Methacrylonitrile	126-98-7	ug/L	2/20/2009	ND	
MW-57	d	Methapyrilene	91-80-5	ug/L	2/20/2009	ND	
MW-57	d	Methoxychlor	72-43-5	ug/L	2/20/2009	ND	
MW-57	d	Methyl Methacrylate	80-62-6	ug/L	2/20/2009	ND	
MW-57	d	Methyl Methanesulfonate	66-27-3	ug/L	2/20/2009	ND	
MW-57	d	Naphthalene	91-20-3	ug/L	2/20/2009	ND	
MW-57	d	Nitrobenzene	98-95-3	ug/L	2/20/2009	ND	
MW-57	d	N-Nitrosodiethylamine	55-18-5	ug/L	2/20/2009	ND	
MW-57	d	N-Nitrosodimethylamine	62-75-9	ug/L	2/20/2009	ND	
MW-57	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	2/20/2009	ND	
MW-57	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	2/20/2009	ND	
MW-57	d	N-Nitrosodiphenylamine	86-30-6	ug/L	2/20/2009	ND	
MW-57	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	2/20/2009	ND	
MW-57	d	N-Nitrosopiperidine	100-75-4	ug/L	2/20/2009	ND	
MW-57	d	N-Nitrosopyrrolidine	930-55-2	ug/L	2/20/2009	ND	
MW-57	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	2/20/2009	ND	
MW-57	d	o-Toluidine	95-53-4	ug/L	2/20/2009	ND	
MW-57	d	Dimethylaminoazobenzene	60-11-7	ug/L	2/20/2009	ND	
MW-57	d	Parathion-Ethyl	56-38-2	ug/L	2/20/2009	ND	
MW-57	d	Parathion-Methyl	298-00-0	ug/L	2/20/2009	ND	
MW-57	d	PCB-1016	12674-11-2	ug/L	2/20/2009	ND	
MW-57	d	PCB-1221	11104-28-2	ug/L	2/20/2009	ND	
MW-57	d	PCB-1232	11141-16-5	ug/L	2/20/2009	ND	
MW-57	d	PCB-1242	53469-21-9	ug/L	2/20/2009	ND	
MW-57	d	PCB-1248	12672-29-6	ug/L	2/20/2009	ND	
MW-57	d	PCB-1254	11097-69-1	ug/L	2/20/2009	ND	
MW-57	d	PCB-1260	11096-82-5	ug/L	2/20/2009	ND	
MW-57	d	Pentachlorobenzene	608-93-5	ug/L	2/20/2009	ND	
MW-57	d	Pentachloronitrobenzene	82-68-8	ug/L	2/20/2009	ND	
MW-57	d	Pentachlorophenol [2C]	87-86-5	ug/L	2/20/2009	ND	
MW-57	d	Phenacetin	62-44-2	ug/L	2/20/2009	ND	
MW-57	d	Phenanthrene	85-01-8	ug/L	2/20/2009	ND	
MW-57	d	Phenol	108-95-2	ug/L	2/20/2009	ND	
MW-57	d	Phorate	298-02-2	ug/L	2/20/2009	ND	
MW-57	d	Pronamide	23950-58-5	ug/L	2/20/2009	ND	
MW-57	d	Propionitrile	107-12-0	ug/L	2/20/2009	ND	
MW-57	d	Pyrene	129-00-0	ug/L	2/20/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57	d	Safrole	94-59-7	ug/L	2/20/2009	ND	
MW-57	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	2/20/2009	ND	
MW-57	d	Sulfide	18496-25-8	mg/L	2/20/2009	ND	
MW-57	d	Thionazin	297-97-2	ug/L	2/20/2009	ND	
MW-57	d	Toxaphene	8001-35-2	ug/L	2/20/2009	ND	
MW-57	d	Methylene Bromide	74-95-3	ug/L	2/20/2009	ND	
MW-57	d	PCB-1268	11100-14-4	ug/L	2/20/2009	ND	
MW-58	d	Antimony	7440-36-0	mg/L	2/20/2009	ND	
MW-58	d	Arsenic	7440-38-2	mg/L	2/20/2009		0.0149
MW-58	d	Barium	7440-39-3	mg/L	2/20/2009		0.638
MW-58	d	Beryllium	7440-41-7	mg/L	2/20/2009	ND	
MW-58	d	Cadmium	7440-43-9	mg/L	2/20/2009	ND	
MW-58	d	Chromium	7440-47-3	mg/L	2/20/2009	ND	
MW-58	d	Cobalt	7440-48-4	mg/L	2/20/2009	NDX	
MW-58	d	Copper	7440-50-8	mg/L	2/20/2009	ND	
MW-58	d	Lead	7439-92-1	mg/L	2/20/2009	ND	
MW-58	d	Nickel	7440-02-0	mg/L	2/20/2009	ND	
MW-58	d	Selenium	7782-49-2	mg/L	2/20/2009	ND	
MW-58	d	Silver	7440-22-4	mg/L	2/20/2009	ND	
MW-58	d	Thallium	7440-28-0	mg/L	2/20/2009	ND	
MW-58	d	Vanadium	7440-62-2	mg/L	2/20/2009	ND	
MW-58	d	Zinc	7440-66-6	mg/L	2/20/2009		0.119
MW-58	d	Mercury	7439-97-6	mg/L	2/20/2009	ND	
MW-58	d	Tin	7440-31-5	mg/L	2/20/2009	ND	
MW-58	d	Acetone	67-64-1	ug/L	2/20/2009		18.6
MW-58	d	Acrylonitrile	107-13-1	ug/L	2/20/2009	ND	
MW-58	d	Benzene	71-43-2	ug/L	2/20/2009		2.56
MW-58	d	Bromochloromethane	74-97-5	ug/L	2/20/2009	ND	
MW-58	d	Bromodichloromethane	75-27-4	ug/L	2/20/2009	ND	
MW-58	d	Bromoform	75-25-2	ug/L	2/20/2009	ND	
MW-58	d	Carbon Disulfide	75-15-0	ug/L	2/20/2009	ND	
MW-58	d	Carbon Tetrachloride	56-23-5	ug/L	2/20/2009	ND	
MW-58	d	Chlorobenzene	108-90-7	ug/L	2/20/2009		2.47
MW-58	d	Chloroethane	75-00-3	ug/L	2/20/2009		4.16
MW-58	d	Chloroform	67-66-3	ug/L	2/20/2009	ND	
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	2/20/2009	ND	
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/20/2009	ND	
MW-58	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/20/2009	ND	
MW-58	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/20/2009	ND	
MW-58	d	1,1-Dichloroethane	75-34-3	ug/L	2/20/2009	ND	
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	2/20/2009	ND	
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	2/20/2009	ND	
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/20/2009	ND	
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/20/2009	ND	
MW-58	d	1,2-Dichloropropane	78-87-5	ug/L	2/20/2009	ND	
MW-58	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/20/2009	ND	
MW-58	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/20/2009	ND	
MW-58	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/20/2009	ND	
MW-58	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/20/2009	ND	
MW-58	d	Ethylbenzene	100-41-4	ug/L	2/20/2009	ND	
MW-58	d	2-Hexanone	591-78-6	ug/L	2/20/2009	ND	
MW-58	d	Bromomethane	74-83-9	ug/L	2/20/2009	ND	
MW-58	d	Chloromethane	74-87-3	ug/L	2/20/2009	ND	
MW-58	d	2-Butanone	78-93-3	ug/L	2/20/2009	ND	
MW-58	d	Iodomethane	74-88-4	ug/L	2/20/2009	ND	
MW-58	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/20/2009	ND	
MW-58	d	Methylene Chloride	75-09-2	ug/L	2/20/2009	ND	
MW-58	d	Styrene	100-42-5	ug/L	2/20/2009	ND	
MW-58	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/20/2009	ND	
MW-58	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/20/2009	ND	
MW-58	d	Tetrachloroethene	127-18-4	ug/L	2/20/2009	ND	
MW-58	d	Toluene	108-88-3	ug/L	2/20/2009	ND	
MW-58	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/20/2009	ND	
MW-58	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/20/2009	ND	
MW-58	d	Trichloroethene	79-01-6	ug/L	2/20/2009	ND	
MW-58	d	Trichlorofluoromethane	75-69-4	ug/L	2/20/2009	ND	
MW-58	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/20/2009	ND	
MW-58	d	Vinyl Acetate	108-05-4	ug/L	2/20/2009	ND	
MW-58	d	Vinyl Chloride	75-01-4	ug/L	2/20/2009	ND	
MW-58	d	Xylenes, total	1330-20-7	ug/L	2/20/2009	ND	
MW-58	d	1,1-Dichloropropene	563-58-6	ug/L	2/20/2009	ND	
MW-58	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	2/20/2009	ND	
MW-58	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	2/20/2009	ND	
MW-58	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	2/20/2009	ND	
MW-58	d	1,3-Dichlorobenzene	541-73-1	ug/L	2/20/2009	ND	
MW-58	d	1,3-Dichloropropane	142-28-9	ug/L	2/20/2009	ND	
MW-58	d	1,3-Dinitrobenzene	99-65-0	ug/L	2/20/2009	ND	
MW-58	d	1,4-Naphthoquinone	130-15-4	ug/L	2/20/2009	ND	
MW-58	d	1,4-Phenylenediamine	106-50-3	ug/L	2/20/2009	ND	
MW-58	d	1-Naphthylamine	134-32-7	ug/L	2/20/2009	ND	
MW-58	d	2,2-Dichloropropane	594-20-7	ug/L	2/20/2009	ND	
MW-58	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	2/20/2009	ND	
MW-58	d	2,4,5-T [2C]	93-76-5	ug/L	2/20/2009	ND	
MW-58	d	2,4,5-Trichlorophenol	95-95-4	ug/L	2/20/2009	ND	
MW-58	d	2,4,6-Trichlorophenol	88-06-2	ug/L	2/20/2009	ND	
MW-58	d	2,4-D [2C]	94-75-7	ug/L	2/20/2009	ND	
MW-58	d	2,4-Dichlorophenol	120-83-2	ug/L	2/20/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	2,4-Dimethylphenol	105-67-9	ug/L	2/20/2009	ND	
MW-58	d	2,4-Dinitrophenol	51-28-5	ug/L	2/20/2009	ND	
MW-58	d	2,4-Dinitrotoluene	121-14-2	ug/L	2/20/2009	ND	
MW-58	d	2,6-Dichlorophenol	87-65-0	ug/L	2/20/2009	ND	
MW-58	d	2,6-Dinitrotoluene	606-20-2	ug/L	2/20/2009	ND	
MW-58	d	2-Acetylaminofluorene	53-96-3	ug/L	2/20/2009	ND	
MW-58	d	2-Chloronaphthalene	91-58-7	ug/L	2/20/2009	ND	
MW-58	d	2-Chlorophenol	95-57-8	ug/L	2/20/2009	ND	
MW-58	d	2-Methylnaphthalene	91-57-6	ug/L	2/20/2009	ND	
MW-58	d	2-Methylphenol	95-48-7	ug/L	2/20/2009	ND	
MW-58	d	2-Naphthylamine	91-59-8	ug/L	2/20/2009	ND	
MW-58	d	2-Nitroaniline	88-74-4	ug/L	2/20/2009	ND	
MW-58	d	2-Nitrophenol	88-75-5	ug/L	2/20/2009	ND	
MW-58	d	3,3-Dichlorobenzidine	91-94-1	ug/L	2/20/2009	ND	
MW-58	d	3,3-Dimethylbenzidine	119-93-7	ug/L	2/20/2009	ND	
MW-58	d	3/4-Methylphenol	T-34MP	ug/L	2/20/2009	ND	
MW-58	d	3-Methylcholanthrene	56-49-5	ug/L	2/20/2009	ND	
MW-58	d	3-Nitroaniline	99-09-2	ug/L	2/20/2009	ND	
MW-58	d	4,4`-DDD	72-54-8	ug/L	2/20/2009	ND	
MW-58	d	4,4`-DDE	72-55-9	ug/L	2/20/2009	ND	
MW-58	d	4,4`-DDT	50-29-3	ug/L	2/20/2009	ND	
MW-58	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	2/20/2009	ND	
MW-58	d	4-Aminobiphenyl	92-67-1	ug/L	2/20/2009	ND	
MW-58	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	2/20/2009	ND	
MW-58	d	4-Chloro-3-methylphenol	59-50-7	ug/L	2/20/2009	ND	
MW-58	d	4-Chloroaniline	106-47-8	ug/L	2/20/2009	ND	
MW-58	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	2/20/2009	ND	
MW-58	d	4-Nitroaniline	100-01-6	ug/L	2/20/2009	ND	
MW-58	d	4-Nitrophenol	100-02-7	ug/L	2/20/2009	ND	
MW-58	d	5-Nitro-o-toluidine	99-55-8	ug/L	2/20/2009	ND	
MW-58	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	2/20/2009	ND	
MW-58	d	Acenaphthene	83-32-9	ug/L	2/20/2009	ND	
MW-58	d	Acenaphthylene	208-96-8	ug/L	2/20/2009	ND	
MW-58	d	Acetonitrile	75-05-8	ug/L	2/20/2009	ND	
MW-58	d	Acetophenone	98-86-2	ug/L	2/20/2009	ND	
MW-58	d	Acrolein	107-02-8	ug/L	2/20/2009	ND	
MW-58	d	Aldrin	309-00-2	ug/L	2/20/2009	ND	
MW-58	d	3-Chloropropene	107-05-1	ug/L	2/20/2009	ND	
MW-58	d	Alpha-BHC	319-84-6	ug/L	2/20/2009	ND	
MW-58	d	Anthracene	120-12-7	ug/L	2/20/2009	ND	
MW-58	d	Benzo [a] anthracene	56-55-3	ug/L	2/20/2009	ND	
MW-58	d	Benzo [a] pyrene	50-32-8	ug/L	2/20/2009	ND	
MW-58	d	Benzo [b] fluoranthene	205-99-2	ug/L	2/20/2009	ND	
MW-58	d	Benzo [g,h,i] perylene	191-24-2	ug/L	2/20/2009	ND	
MW-58	d	Benzo [k] fluoranthene	207-08-9	ug/L	2/20/2009	ND	
MW-58	d	Benzyl alcohol	100-51-6	ug/L	2/20/2009	ND	
MW-58	d	Beta-BHC	319-85-7	ug/L	2/20/2009	ND	
MW-58	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	2/20/2009	ND	
MW-58	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	2/20/2009	ND	
MW-58	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	2/20/2009	ND	
MW-58	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	2/20/2009	ND	
MW-58	d	Butyl benzyl phthalate	85-68-7	ug/L	2/20/2009	ND	
MW-58	d	Chlordane	57-74-9	ug/L	2/20/2009	ND	
MW-58	d	Chlorobenzilate	510-15-6	ug/L	2/20/2009	ND	
MW-58	d	Chloroprene	126-99-8	ug/L	2/20/2009	ND	
MW-58	d	Chrysene	218-01-9	ug/L	2/20/2009	ND	
MW-58	d	Cyanide	57-12-5	mg/L	2/20/2009	ND	
MW-58	d	Delta-BHC	319-86-8	ug/L	2/20/2009	ND	
MW-58	d	Diallate [cis or trans]	2303-16-4	ug/L	2/20/2009	ND	
MW-58	d	Dibenz [a,h] anthracene	53-70-3	ug/L	2/20/2009	ND	
MW-58	d	Dibenzofuran	132-64-9	ug/L	2/20/2009	ND	
MW-58	d	Dichlorodifluoromethane	75-71-8	ug/L	2/20/2009	ND	
MW-58	d	Dieldrin	60-57-1	ug/L	2/20/2009	ND	
MW-58	d	Diethyl phthalate	84-66-2	ug/L	2/20/2009	ND	
MW-58	d	Dimethoate	60-51-5	ug/L	2/20/2009	ND	
MW-58	d	Dimethyl phthalate	131-11-3	ug/L	2/20/2009	ND	
MW-58	d	Di-n-butyl phthalate	84-74-2	ug/L	2/20/2009	ND	
MW-58	d	Di-n-octyl phthalate	117-84-0	ug/L	2/20/2009	ND	
MW-58	d	Dinoseb	88-85-7	ug/L	2/20/2009	ND	
MW-58	d	Diphenylamine	122-39-4	ug/L	2/20/2009	ND	
MW-58	d	Disulfoton	298-04-4	ug/L	2/20/2009	ND	
MW-58	d	Endosulfan I	959-98-8	ug/L	2/20/2009	ND	
MW-58	d	Endosulfan II	33213-65-9	ug/L	2/20/2009	ND	
MW-58	d	Endosulfan sulfate	1031-07-8	ug/L	2/20/2009	ND	
MW-58	d	Endrin	72-20-8	ug/L	2/20/2009	ND	
MW-58	d	Endrin aldehyde	7421-93-4	ug/L	2/20/2009	ND	
MW-58	d	Ethyl Methacrylate	97-63-2	ug/L	2/20/2009	ND	
MW-58	d	Ethyl Methanesulfonate	62-50-0	ug/L	2/20/2009	ND	
MW-58	d	Famphur	52-85-7	ug/L	2/20/2009	ND	
MW-58	d	Fluoranthene	206-44-0	ug/L	2/20/2009	ND	
MW-58	d	Fluorene	86-73-7	ug/L	2/20/2009	ND	
MW-58	d	Gamma-BHC [Lindane]	58-89-9	ug/L	2/20/2009	ND	
MW-58	d	Heptachlor	76-44-8	ug/L	2/20/2009	ND	
MW-58	d	Heptachlor Epoxide	1024-57-3	ug/L	2/20/2009	ND	
MW-58	d	Hexachlorobenzene	118-74-1	ug/L	2/20/2009	ND	
MW-58	d	Hexachlorobutadiene	87-68-3	ug/L	2/20/2009	ND	
MW-58	d	Hexachlorocyclopentadiene	77-47-4	ug/L	2/20/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	Hexachloroethane	67-72-1	ug/L	2/20/2009	ND	
MW-58	d	Hexachloropropene	1888-71-7	ug/L	2/20/2009	ND	
MW-58	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	2/20/2009	ND	
MW-58	d	Isobutanol	78-83-1	mg/L	2/20/2009	ND	
MW-58	d	Isodrin	465-73-6	ug/L	2/20/2009	ND	
MW-58	d	Isophorone	78-59-1	ug/L	2/20/2009	ND	
MW-58	d	Isosafrole	120-58-1	ug/L	2/20/2009	ND	
MW-58	d	Kepone	143-50-0	ug/L	2/20/2009	ND	
MW-58	d	Methacrylonitrile	126-98-7	ug/L	2/20/2009	ND	
MW-58	d	Methapyrilene	91-80-5	ug/L	2/20/2009	ND	
MW-58	d	Methoxychlor	72-43-5	ug/L	2/20/2009	ND	
MW-58	d	Methyl Methacrylate	80-62-6	ug/L	2/20/2009	ND	
MW-58	d	Methyl Methanesulfonate	66-27-3	ug/L	2/20/2009	ND	
MW-58	d	Naphthalene	91-20-3	ug/L	2/20/2009	ND	
MW-58	d	Nitrobenzene	98-95-3	ug/L	2/20/2009	ND	
MW-58	d	N-Nitrosodiethylamine	55-18-5	ug/L	2/20/2009	ND	
MW-58	d	N-Nitrosodimethylamine	62-75-9	ug/L	2/20/2009	ND	
MW-58	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	2/20/2009	ND	
MW-58	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	2/20/2009	ND	
MW-58	d	N-Nitrosodiphenylamine	86-30-6	ug/L	2/20/2009	ND	
MW-58	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	2/20/2009	ND	
MW-58	d	N-Nitrosopiperidine	100-75-4	ug/L	2/20/2009	ND	
MW-58	d	N-Nitrosopyrrolidine	930-55-2	ug/L	2/20/2009	ND	
MW-58	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	2/20/2009	ND	
MW-58	d	o-Toluidine	95-53-4	ug/L	2/20/2009	ND	
MW-58	d	Dimethylaminoazobenzene	60-11-7	ug/L	2/20/2009	ND	
MW-58	d	Parathion-Ethyl	56-38-2	ug/L	2/20/2009	ND	
MW-58	d	Parathion-Methyl	298-00-0	ug/L	2/20/2009	ND	
MW-58	d	PCB-1016	12674-11-2	ug/L	2/20/2009	ND	
MW-58	d	PCB-1221	11104-28-2	ug/L	2/20/2009	ND	
MW-58	d	PCB-1232	11141-16-5	ug/L	2/20/2009	ND	
MW-58	d	PCB-1242	53469-21-9	ug/L	2/20/2009	ND	
MW-58	d	PCB-1248	12672-29-6	ug/L	2/20/2009	ND	
MW-58	d	PCB-1254	11097-69-1	ug/L	2/20/2009	ND	
MW-58	d	PCB-1260	11096-82-5	ug/L	2/20/2009	ND	
MW-58	d	Pentachlorobenzene	608-93-5	ug/L	2/20/2009	ND	
MW-58	d	Pentachloronitrobenzene	82-68-8	ug/L	2/20/2009	ND	
MW-58	d	Pentachlorophenol [2C]	87-86-5	ug/L	2/20/2009	ND	
MW-58	d	Phenacetin	62-44-2	ug/L	2/20/2009	ND	
MW-58	d	Phenanthrene	85-01-8	ug/L	2/20/2009	ND	
MW-58	d	Phenol	108-95-2	ug/L	2/20/2009	ND	
MW-58	d	Phorate	298-02-2	ug/L	2/20/2009	ND	
MW-58	d	Pronamide	23950-58-5	ug/L	2/20/2009	ND	
MW-58	d	Propionitrile	107-12-0	ug/L	2/20/2009	ND	
MW-58	d	Pyrene	129-00-0	ug/L	2/20/2009	ND	
MW-58	d	Safrole	94-59-7	ug/L	2/20/2009	ND	
MW-58	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	2/20/2009	ND	
MW-58	d	Sulfide	18496-25-8	mg/L	2/20/2009	ND	
MW-58	d	Thionazin	297-97-2	ug/L	2/20/2009	ND	
MW-58	d	Toxaphene	8001-35-2	ug/L	2/20/2009	ND	
MW-58	d	Methylene Bromide	74-95-3	ug/L	2/20/2009	ND	
MW-58	d	PCB-1268	11100-14-4	ug/L	2/20/2009	ND	
MW-31R	d	Arsenic	7440-38-2	mg/L	3/16/2009	ND	
MW-31R	d	Barium	7440-39-3	mg/L	3/16/2009		0.379
MW-31R	d	Zinc	7440-66-6	mg/L	3/16/2009		0.0475
MW-32R	d	Arsenic	7440-38-2	mg/L	3/16/2009	ND	
MW-32R	d	Barium	7440-39-3	mg/L	3/16/2009		0.264
MW-19	d	Antimony	7440-36-0	mg/L	4/7/2009	ND	
MW-19	d	Arsenic	7440-38-2	mg/L	4/7/2009	ND	
MW-19	d	Barium	7440-39-3	mg/L	4/7/2009		0.0542
MW-19	d	Beryllium	7440-41-7	mg/L	4/7/2009	ND	
MW-19	d	Cadmium	7440-43-9	mg/L	4/7/2009	ND	
MW-19	d	Chromium	7440-47-3	mg/L	4/7/2009	ND	
MW-19	d	Cobalt	7440-48-4	mg/L	4/7/2009	NDX	
MW-19	d	Copper	7440-50-8	mg/L	4/7/2009	ND	
MW-19	d	Lead	7439-92-1	mg/L	4/7/2009	ND	
MW-19	d	Nickel	7440-02-0	mg/L	4/7/2009	ND	
MW-19	d	Selenium	7782-49-2	mg/L	4/7/2009	ND	
MW-19	d	Silver	7440-22-4	mg/L	4/7/2009	ND	
MW-19	d	Thallium	7440-28-0	mg/L	4/7/2009	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	4/7/2009	ND	
MW-19	d	Zinc	7440-66-6	mg/L	4/7/2009		0.0277
MW-19	d	Acetone	67-64-1	ug/L	4/7/2009	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	4/7/2009	ND	
MW-19	d	Benzene	71-43-2	ug/L	4/7/2009	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	4/7/2009	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	4/7/2009	ND	
MW-19	d	Bromoform	75-25-2	ug/L	4/7/2009	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	4/7/2009	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	4/7/2009	ND	
MW-19	d	Chlorobenzene	108-90-7	ug/L	4/7/2009	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	4/7/2009	ND	
MW-19	d	Chloroform	67-66-3	ug/L	4/7/2009	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	4/7/2009	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/7/2009	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/7/2009	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/7/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	4/7/2009	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	4/7/2009	ND	
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	4/7/2009	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/7/2009	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/7/2009	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	4/7/2009	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/7/2009	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/7/2009	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/7/2009	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/7/2009	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	4/7/2009	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	4/7/2009	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	4/7/2009	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	4/7/2009	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	4/7/2009	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	4/7/2009	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/7/2009	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	4/7/2009	ND	
MW-19	d	Styrene	100-42-5	ug/L	4/7/2009	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/7/2009	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/7/2009	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	4/7/2009	ND	
MW-19	d	Toluene	108-88-3	ug/L	4/7/2009	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/7/2009	ND	
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/7/2009	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	4/7/2009	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	4/7/2009	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/7/2009	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	4/7/2009	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	4/7/2009	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	4/7/2009	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	4/7/2009	ND	
MW-21	d	Antimony	7440-36-0	mg/L	4/7/2009	ND	
MW-21	d	Arsenic	7440-38-2	mg/L	4/7/2009		0.00698
MW-21	d	Barium	7440-39-3	mg/L	4/7/2009		0.492
MW-21	d	Beryllium	7440-41-7	mg/L	4/7/2009	ND	
MW-21	d	Cadmium	7440-43-9	mg/L	4/7/2009		0.000631
MW-21	d	Chromium	7440-47-3	mg/L	4/7/2009	ND	
MW-21	d	Cobalt	7440-48-4	mg/L	4/7/2009	NDX	
MW-21	d	Copper	7440-50-8	mg/L	4/7/2009	ND	
MW-21	d	Lead	7439-92-1	mg/L	4/7/2009	ND	
MW-21	d	Nickel	7440-02-0	mg/L	4/7/2009	ND	
MW-21	d	Selenium	7782-49-2	mg/L	4/7/2009	ND	
MW-21	d	Silver	7440-22-4	mg/L	4/7/2009	ND	
MW-21	d	Thallium	7440-28-0	mg/L	4/7/2009	ND	
MW-21	d	Vanadium	7440-62-2	mg/L	4/7/2009	ND	
MW-21	d	Zinc	7440-66-6	mg/L	4/7/2009		0.0788
MW-21	d	Acetone	67-64-1	ug/L	4/7/2009	ND	
MW-21	d	Acrylonitrile	107-13-1	ug/L	4/7/2009	ND	
MW-21	d	Benzene	71-43-2	ug/L	4/7/2009	ND	
MW-21	d	Bromochloromethane	74-97-5	ug/L	4/7/2009	ND	
MW-21	d	Bromodichloromethane	75-27-4	ug/L	4/7/2009	ND	
MW-21	d	Bromoform	75-25-2	ug/L	4/7/2009	ND	
MW-21	d	Carbon Disulfide	75-15-0	ug/L	4/7/2009	ND	
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	4/7/2009	ND	
MW-21	d	Chlorobenzene	108-90-7	ug/L	4/7/2009	ND	
MW-21	d	Chloroethane	75-00-3	ug/L	4/7/2009	ND	
MW-21	d	Chloroform	67-66-3	ug/L	4/7/2009	ND	
MW-21	d	Chlorodibromomethane	124-48-1	ug/L	4/7/2009	ND	
MW-21	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/7/2009	ND	
MW-21	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/7/2009	ND	
MW-21	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/7/2009	ND	
MW-21	d	1,1-Dichloroethane	75-34-3	ug/L	4/7/2009	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	4/7/2009	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	4/7/2009	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/7/2009	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/7/2009	ND	
MW-21	d	1,2-Dichloropropane	78-87-5	ug/L	4/7/2009	ND	
MW-21	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/7/2009	ND	
MW-21	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/7/2009	ND	
MW-21	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/7/2009	ND	
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/7/2009	ND	
MW-21	d	Ethylbenzene	100-41-4	ug/L	4/7/2009	ND	
MW-21	d	2-Hexanone	591-78-6	ug/L	4/7/2009	ND	
MW-21	d	Bromomethane	74-83-9	ug/L	4/7/2009	ND	
MW-21	d	Chloromethane	74-87-3	ug/L	4/7/2009	ND	
MW-21	d	2-Butanone	78-93-3	ug/L	4/7/2009	ND	
MW-21	d	Iodomethane	74-88-4	ug/L	4/7/2009	ND	
MW-21	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/7/2009	ND	
MW-21	d	Methylene Chloride	75-09-2	ug/L	4/7/2009	ND	
MW-21	d	Styrene	100-42-5	ug/L	4/7/2009	ND	
MW-21	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/7/2009	ND	
MW-21	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/7/2009	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	4/7/2009	ND	
MW-21	d	Toluene	108-88-3	ug/L	4/7/2009	ND	
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/7/2009	ND	
MW-21	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/7/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-21	d	Trichloroethene	79-01-6	ug/L	4/7/2009	ND	
MW-21	d	Trichlorofluoromethane	75-69-4	ug/L	4/7/2009	ND	
MW-21	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/7/2009	ND	
MW-21	d	Vinyl Acetate	108-05-4	ug/L	4/7/2009	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	4/7/2009	ND	
MW-21	d	Xylenes, total	1330-20-7	ug/L	4/7/2009	ND	
MW-21	d	Methylene Bromide	74-95-3	ug/L	4/7/2009	ND	
MW-33R	d	Antimony	7440-36-0	mg/L	4/7/2009	ND	
MW-33R	d	Arsenic	7440-38-2	mg/L	4/7/2009		0.00256
MW-33R	d	Barium	7440-39-3	mg/L	4/7/2009		0.377
MW-33R	d	Beryllium	7440-41-7	mg/L	4/7/2009	ND	
MW-33R	d	Cadmium	7440-43-9	mg/L	4/7/2009	ND	
MW-33R	d	Chromium	7440-47-3	mg/L	4/7/2009	ND	
MW-33R	d	Cobalt	7440-48-4	mg/L	4/7/2009	NDX	
MW-33R	d	Copper	7440-50-8	mg/L	4/7/2009	ND	
MW-33R	d	Lead	7439-92-1	mg/L	4/7/2009	ND	
MW-33R	d	Nickel	7440-02-0	mg/L	4/7/2009	ND	
MW-33R	d	Selenium	7782-49-2	mg/L	4/7/2009	ND	
MW-33R	d	Silver	7440-22-4	mg/L	4/7/2009	ND	
MW-33R	d	Thallium	7440-28-0	mg/L	4/7/2009	ND	
MW-33R	d	Vanadium	7440-62-2	mg/L	4/7/2009	ND	
MW-33R	d	Zinc	7440-66-6	mg/L	4/7/2009		0.041
MW-33R	d	Acetone	67-64-1	ug/L	4/7/2009	ND	
MW-33R	d	Acrylonitrile	107-13-1	ug/L	4/7/2009	ND	
MW-33R	d	Benzene	71-43-2	ug/L	4/7/2009	ND	
MW-33R	d	Bromochloromethane	74-97-5	ug/L	4/7/2009	ND	
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	4/7/2009	ND	
MW-33R	d	Bromoform	75-25-2	ug/L	4/7/2009	ND	
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	4/7/2009	ND	
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	4/7/2009	ND	
MW-33R	d	Chlorobenzene	108-90-7	ug/L	4/7/2009	ND	
MW-33R	d	Chloroethane	75-00-3	ug/L	4/7/2009	ND	
MW-33R	d	Chloroform	67-66-3	ug/L	4/7/2009	ND	
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	4/7/2009	ND	
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/7/2009	ND	
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/7/2009	ND	
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/7/2009	ND	
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	4/7/2009	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	4/7/2009	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	4/7/2009	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/7/2009	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/7/2009	ND	
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	4/7/2009	ND	
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/7/2009	ND	
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/7/2009	ND	
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/7/2009	ND	
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/7/2009	ND	
MW-33R	d	Ethylbenzene	100-41-4	ug/L	4/7/2009	ND	
MW-33R	d	2-Hexanone	591-78-6	ug/L	4/7/2009	ND	
MW-33R	d	Bromomethane	74-83-9	ug/L	4/7/2009	ND	
MW-33R	d	Chloromethane	74-87-3	ug/L	4/7/2009	ND	
MW-33R	d	2-Butanone	78-93-3	ug/L	4/7/2009	ND	
MW-33R	d	Iodomethane	74-88-4	ug/L	4/7/2009	ND	
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/7/2009	ND	
MW-33R	d	Methylene Chloride	75-09-2	ug/L	4/7/2009	ND	
MW-33R	d	Styrene	100-42-5	ug/L	4/7/2009	ND	
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/7/2009	ND	
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/7/2009	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	4/7/2009	ND	
MW-33R	d	Toluene	108-88-3	ug/L	4/7/2009	ND	
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/7/2009	ND	
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/7/2009	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	4/7/2009	ND	
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	4/7/2009	ND	
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/7/2009	ND	
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	4/7/2009	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	4/7/2009	ND	
MW-33R	d	Xylenes, total	1330-20-7	ug/L	4/7/2009	ND	
MW-33R	d	Methylene Bromide	74-95-3	ug/L	4/7/2009	ND	
MW-57	d	Antimony	7440-36-0	mg/L	4/7/2009	ND	
MW-57	d	Arsenic	7440-38-2	mg/L	4/7/2009		0.0159
MW-57	d	Barium	7440-39-3	mg/L	4/7/2009		0.658
MW-57	d	Beryllium	7440-41-7	mg/L	4/7/2009	ND	
MW-57	d	Cadmium	7440-43-9	mg/L	4/7/2009	ND	
MW-57	d	Chromium	7440-47-3	mg/L	4/7/2009	ND	
MW-57	d	Cobalt	7440-48-4	mg/L	4/7/2009		0.0319
MW-57	d	Copper	7440-50-8	mg/L	4/7/2009	ND	
MW-57	d	Lead	7439-92-1	mg/L	4/7/2009	ND	
MW-57	d	Nickel	7440-02-0	mg/L	4/7/2009	ND	
MW-57	d	Selenium	7782-49-2	mg/L	4/7/2009	ND	
MW-57	d	Silver	7440-22-4	mg/L	4/7/2009	ND	
MW-57	d	Thallium	7440-28-0	mg/L	4/7/2009	ND	
MW-57	d	Vanadium	7440-62-2	mg/L	4/7/2009	ND	
MW-57	d	Zinc	7440-66-6	mg/L	4/7/2009		0.0598
MW-57	d	Acetone	67-64-1	ug/L	4/7/2009	ND	
MW-57	d	Acrylonitrile	107-13-1	ug/L	4/7/2009	ND	
MW-57	d	Benzene	71-43-2	ug/L	4/7/2009		0.66

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57	d	Bromochloromethane	74-97-5	ug/L	4/7/2009	ND	
MW-57	d	Bromodichloromethane	75-27-4	ug/L	4/7/2009	ND	
MW-57	d	Bromoform	75-25-2	ug/L	4/7/2009	ND	
MW-57	d	Carbon Disulfide	75-15-0	ug/L	4/7/2009	ND	
MW-57	d	Carbon Tetrachloride	56-23-5	ug/L	4/7/2009	ND	
MW-57	d	Chlorobenzene	108-90-7	ug/L	4/7/2009	ND	
MW-57	d	Chloroethane	75-00-3	ug/L	4/7/2009	ND	
MW-57	d	Chloroform	67-66-3	ug/L	4/7/2009	ND	
MW-57	d	Chlorodibromomethane	124-48-1	ug/L	4/7/2009	ND	
MW-57	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/7/2009	ND	
MW-57	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/7/2009	ND	
MW-57	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/7/2009	ND	
MW-57	d	1,1-Dichloroethane	75-34-3	ug/L	4/7/2009	ND	
MW-57	d	1,2-Dichloroethane	107-06-2	ug/L	4/7/2009	ND	
MW-57	d	1,1-Dichloroethene	75-35-4	ug/L	4/7/2009	ND	
MW-57	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/7/2009	ND	
MW-57	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/7/2009	ND	
MW-57	d	1,2-Dichloropropane	78-87-5	ug/L	4/7/2009	ND	
MW-57	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/7/2009	ND	
MW-57	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/7/2009	ND	
MW-57	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/7/2009	ND	
MW-57	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/7/2009	ND	
MW-57	d	Ethylbenzene	100-41-4	ug/L	4/7/2009	ND	
MW-57	d	2-Hexanone	591-78-6	ug/L	4/7/2009	ND	
MW-57	d	Bromomethane	74-83-9	ug/L	4/7/2009	ND	
MW-57	d	Chloromethane	74-87-3	ug/L	4/7/2009	ND	
MW-57	d	2-Butanone	78-93-3	ug/L	4/7/2009	ND	
MW-57	d	Iodomethane	74-88-4	ug/L	4/7/2009	ND	
MW-57	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/7/2009	ND	
MW-57	d	Methylene Chloride	75-09-2	ug/L	4/7/2009	ND	
MW-57	d	Styrene	100-42-5	ug/L	4/7/2009	ND	
MW-57	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/7/2009	ND	
MW-57	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/7/2009	ND	
MW-57	d	Tetrachloroethene	127-18-4	ug/L	4/7/2009	ND	
MW-57	d	Toluene	108-88-3	ug/L	4/7/2009	ND	
MW-57	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/7/2009	ND	
MW-57	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/7/2009	ND	
MW-57	d	Trichloroethene	79-01-6	ug/L	4/7/2009	ND	
MW-57	d	Trichlorofluoromethane	75-69-4	ug/L	4/7/2009	ND	
MW-57	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/7/2009	ND	
MW-57	d	Vinyl Acetate	108-05-4	ug/L	4/7/2009	ND	
MW-57	d	Vinyl Chloride	75-01-4	ug/L	4/7/2009	ND	
MW-57	d	Xylenes, total	1330-20-7	ug/L	4/7/2009	ND	
MW-57	d	Methylene Bromide	74-95-3	ug/L	4/7/2009	ND	
MW-20	d	Antimony	7440-36-0	mg/L	5/12/2009	ND	
MW-20	d	Arsenic	7440-38-2	mg/L	5/12/2009		0.00896
MW-20	d	Barium	7440-39-3	mg/L	5/12/2009		0.332
MW-20	d	Beryllium	7440-41-7	mg/L	5/12/2009	ND	
MW-20	d	Cadmium	7440-43-9	mg/L	5/12/2009	ND	
MW-20	d	Chromium	7440-47-3	mg/L	5/12/2009	ND	
MW-20	d	Cobalt	7440-48-4	mg/L	5/12/2009	NDX	
MW-20	d	Copper	7440-50-8	mg/L	5/12/2009	ND	
MW-20	d	Lead	7439-92-1	mg/L	5/12/2009	ND	
MW-20	d	Nickel	7440-02-0	mg/L	5/12/2009	ND	
MW-20	d	Selenium	7782-49-2	mg/L	5/12/2009	ND	
MW-20	d	Silver	7440-22-4	mg/L	5/12/2009	ND	
MW-20	d	Thallium	7440-28-0	mg/L	5/12/2009	ND	
MW-20	d	Vanadium	7440-62-2	mg/L	5/12/2009	ND	
MW-20	d	Zinc	7440-66-6	mg/L	5/12/2009	ND	
MW-20	d	Acetone	67-64-1	ug/L	5/12/2009	ND	
MW-20	d	Acrylonitrile	107-13-1	ug/L	5/12/2009	ND	
MW-20	d	Benzene	71-43-2	ug/L	5/12/2009	ND	
MW-20	d	Bromochloromethane	74-97-5	ug/L	5/12/2009	ND	
MW-20	d	Bromodichloromethane	75-27-4	ug/L	5/12/2009	ND	
MW-20	d	Bromoform	75-25-2	ug/L	5/12/2009	ND	
MW-20	d	Carbon Disulfide	75-15-0	ug/L	5/12/2009	ND	
MW-20	d	Carbon Tetrachloride	56-23-5	ug/L	5/12/2009	ND	
MW-20	d	Chlorobenzene	108-90-7	ug/L	5/12/2009	ND	
MW-20	d	Chloroethane	75-00-3	ug/L	5/12/2009	ND	
MW-20	d	Chloroform	67-66-3	ug/L	5/12/2009	ND	
MW-20	d	Chlorodibromomethane	124-48-1	ug/L	5/12/2009	ND	
MW-20	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/12/2009	ND	
MW-20	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/12/2009	ND	
MW-20	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/12/2009	ND	
MW-20	d	1,1-Dichloroethane	75-34-3	ug/L	5/12/2009	ND	
MW-20	d	1,2-Dichloroethane	107-06-2	ug/L	5/12/2009	ND	
MW-20	d	1,1-Dichloroethene	75-35-4	ug/L	5/12/2009	ND	
MW-20	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/12/2009	ND	
MW-20	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/12/2009	ND	
MW-20	d	1,2-Dichloropropane	78-87-5	ug/L	5/12/2009	ND	
MW-20	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/12/2009	ND	
MW-20	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/12/2009	ND	
MW-20	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/12/2009	ND	
MW-20	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/12/2009	ND	
MW-20	d	Ethylbenzene	100-41-4	ug/L	5/12/2009	ND	
MW-20	d	2-Hexanone	591-78-6	ug/L	5/12/2009	ND	
MW-20	d	Bromomethane	74-83-9	ug/L	5/12/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-20	d	Chloromethane	74-87-3	ug/L	5/12/2009	ND	
MW-20	d	2-Butanone	78-93-3	ug/L	5/12/2009	ND	
MW-20	d	Iodomethane	74-88-4	ug/L	5/12/2009	ND	
MW-20	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/12/2009	ND	
MW-20	d	Methylene Chloride	75-09-2	ug/L	5/12/2009	ND	
MW-20	d	Styrene	100-42-5	ug/L	5/12/2009	ND	
MW-20	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/12/2009	ND	
MW-20	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/12/2009	ND	
MW-20	d	Tetrachloroethene	127-18-4	ug/L	5/12/2009	ND	
MW-20	d	Toluene	108-88-3	ug/L	5/12/2009	ND	
MW-20	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/12/2009	ND	
MW-20	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/12/2009	ND	
MW-20	d	Trichloroethene	79-01-6	ug/L	5/12/2009	ND	
MW-20	d	Trichlorofluoromethane	75-69-4	ug/L	5/12/2009	ND	
MW-20	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/12/2009	ND	
MW-20	d	Vinyl Acetate	108-05-4	ug/L	5/12/2009	ND	
MW-20	d	Vinyl Chloride	75-01-4	ug/L	5/12/2009	ND	
MW-20	d	Xylenes, total	1330-20-7	ug/L	5/12/2009	ND	
MW-20	d	Methylene Bromide	74-95-3	ug/L	5/12/2009	ND	
MW-22R	d	Antimony	7440-36-0	mg/L	5/12/2009	ND	
MW-22R	d	Arsenic	7440-38-2	mg/L	5/12/2009		0.00364
MW-22R	d	Barium	7440-39-3	mg/L	5/12/2009		0.295
MW-22R	d	Beryllium	7440-41-7	mg/L	5/12/2009	ND	
MW-22R	d	Cadmium	7440-43-9	mg/L	5/12/2009	ND	
MW-22R	d	Chromium	7440-47-3	mg/L	5/12/2009	ND	
MW-22R	d	Cobalt	7440-48-4	mg/L	5/12/2009	NDX	
MW-22R	d	Copper	7440-50-8	mg/L	5/12/2009	ND	
MW-22R	d	Lead	7439-92-1	mg/L	5/12/2009	ND	
MW-22R	d	Nickel	7440-02-0	mg/L	5/12/2009	ND	
MW-22R	d	Selenium	7782-49-2	mg/L	5/12/2009	ND	
MW-22R	d	Silver	7440-22-4	mg/L	5/12/2009	ND	
MW-22R	d	Thallium	7440-28-0	mg/L	5/12/2009	ND	
MW-22R	d	Vanadium	7440-62-2	mg/L	5/12/2009	ND	
MW-22R	d	Zinc	7440-66-6	mg/L	5/12/2009	ND	
MW-22R	d	Acetone	67-64-1	ug/L	5/12/2009	ND	
MW-22R	d	Acrylonitrile	107-13-1	ug/L	5/12/2009	ND	
MW-22R	d	Benzene	71-43-2	ug/L	5/12/2009	ND	
MW-22R	d	Bromochloromethane	74-97-5	ug/L	5/12/2009	ND	
MW-22R	d	Bromodichloromethane	75-27-4	ug/L	5/12/2009	ND	
MW-22R	d	Bromoform	75-25-2	ug/L	5/12/2009	ND	
MW-22R	d	Carbon Disulfide	75-15-0	ug/L	5/12/2009	ND	
MW-22R	d	Carbon Tetrachloride	56-23-5	ug/L	5/12/2009	ND	
MW-22R	d	Chlorobenzene	108-90-7	ug/L	5/12/2009	ND	
MW-22R	d	Chloroethane	75-00-3	ug/L	5/12/2009	ND	
MW-22R	d	Chloroform	67-66-3	ug/L	5/12/2009	ND	
MW-22R	d	Chlorodibromomethane	124-48-1	ug/L	5/12/2009	ND	
MW-22R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/12/2009	ND	
MW-22R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/12/2009	ND	
MW-22R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/12/2009	ND	
MW-22R	d	1,1-Dichloroethane	75-34-3	ug/L	5/12/2009	ND	
MW-22R	d	1,2-Dichloroethane	107-06-2	ug/L	5/12/2009	ND	
MW-22R	d	1,1-Dichloroethene	75-35-4	ug/L	5/12/2009	ND	
MW-22R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/12/2009	ND	
MW-22R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/12/2009	ND	
MW-22R	d	1,2-Dichloropropane	78-87-5	ug/L	5/12/2009	ND	
MW-22R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/12/2009	ND	
MW-22R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/12/2009	ND	
MW-22R	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/12/2009	ND	
MW-22R	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/12/2009	ND	
MW-22R	d	Ethylbenzene	100-41-4	ug/L	5/12/2009	ND	
MW-22R	d	2-Hexanone	591-78-6	ug/L	5/12/2009	ND	
MW-22R	d	Bromomethane	74-83-9	ug/L	5/12/2009	ND	
MW-22R	d	Chloromethane	74-87-3	ug/L	5/12/2009	ND	
MW-22R	d	2-Butanone	78-93-3	ug/L	5/12/2009	ND	
MW-22R	d	Iodomethane	74-88-4	ug/L	5/12/2009	ND	
MW-22R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/12/2009	ND	
MW-22R	d	Methylene Chloride	75-09-2	ug/L	5/12/2009	ND	
MW-22R	d	Styrene	100-42-5	ug/L	5/12/2009	ND	
MW-22R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/12/2009	ND	
MW-22R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/12/2009	ND	
MW-22R	d	Tetrachloroethene	127-18-4	ug/L	5/12/2009	ND	
MW-22R	d	Toluene	108-88-3	ug/L	5/12/2009	ND	
MW-22R	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/12/2009	ND	
MW-22R	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/12/2009	ND	
MW-22R	d	Trichloroethene	79-01-6	ug/L	5/12/2009	ND	
MW-22R	d	Trichlorofluoromethane	75-69-4	ug/L	5/12/2009	ND	
MW-22R	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/12/2009	ND	
MW-22R	d	Vinyl Acetate	108-05-4	ug/L	5/12/2009	ND	
MW-22R	d	Vinyl Chloride	75-01-4	ug/L	5/12/2009	ND	
MW-22R	d	Xylenes, total	1330-20-7	ug/L	5/12/2009	ND	
MW-22R	d	Endosulfan I	959-98-8	ug/L	5/12/2009	ND	
MW-22R	d	Methylene Bromide	74-95-3	ug/L	5/12/2009	ND	
MW-28	d	Antimony	7440-36-0	mg/L	5/12/2009	ND	
MW-28	d	Arsenic	7440-38-2	mg/L	5/12/2009		0.00593
MW-28	d	Barium	7440-39-3	mg/L	5/12/2009		0.082
MW-28	d	Beryllium	7440-41-7	mg/L	5/12/2009	ND	
MW-28	d	Cadmium	7440-43-9	mg/L	5/12/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-28	d	Chromium	7440-47-3	mg/L	5/12/2009	ND	
MW-28	d	Cobalt	7440-48-4	mg/L	5/12/2009	NDX	
MW-28	d	Copper	7440-50-8	mg/L	5/12/2009	ND	
MW-28	d	Lead	7439-92-1	mg/L	5/12/2009	ND	
MW-28	d	Nickel	7440-02-0	mg/L	5/12/2009	ND	
MW-28	d	Selenium	7782-49-2	mg/L	5/12/2009	ND	
MW-28	d	Silver	7440-22-4	mg/L	5/12/2009	ND	
MW-28	d	Thallium	7440-28-0	mg/L	5/12/2009	ND	
MW-28	d	Vanadium	7440-62-2	mg/L	5/12/2009	ND	
MW-28	d	Zinc	7440-66-6	mg/L	5/12/2009	ND	
MW-28	d	Acetone	67-64-1	ug/L	5/12/2009	ND	
MW-28	d	Acrylonitrile	107-13-1	ug/L	5/12/2009	ND	
MW-28	d	Benzene	71-43-2	ug/L	5/12/2009	ND	
MW-28	d	Bromochloromethane	74-97-5	ug/L	5/12/2009	ND	
MW-28	d	Bromodichloromethane	75-27-4	ug/L	5/12/2009	ND	
MW-28	d	Bromoform	75-25-2	ug/L	5/12/2009	ND	
MW-28	d	Carbon Disulfide	75-15-0	ug/L	5/12/2009	ND	
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	5/12/2009	ND	
MW-28	d	Chlorobenzene	108-90-7	ug/L	5/12/2009	ND	
MW-28	d	Chloroethane	75-00-3	ug/L	5/12/2009	ND	
MW-28	d	Chloroform	67-66-3	ug/L	5/12/2009	ND	
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	5/12/2009	ND	
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/12/2009	ND	
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/12/2009	ND	
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/12/2009	ND	
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	5/12/2009	ND	
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	5/12/2009	ND	
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	5/12/2009	ND	
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/12/2009	ND	
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/12/2009	ND	
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	5/12/2009	ND	
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/12/2009	ND	
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/12/2009	ND	
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/12/2009	ND	
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/12/2009	ND	
MW-28	d	Ethylbenzene	100-41-4	ug/L	5/12/2009	ND	
MW-28	d	2-Hexanone	591-78-6	ug/L	5/12/2009	ND	
MW-28	d	Bromomethane	74-83-9	ug/L	5/12/2009	ND	
MW-28	d	Chloromethane	74-87-3	ug/L	5/12/2009	ND	
MW-28	d	2-Butanone	78-93-3	ug/L	5/12/2009	ND	
MW-28	d	Iodomethane	74-88-4	ug/L	5/12/2009	ND	
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/12/2009	ND	
MW-28	d	Methylene Chloride	75-09-2	ug/L	5/12/2009	ND	
MW-28	d	Styrene	100-42-5	ug/L	5/12/2009	ND	
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/12/2009	ND	
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/12/2009	ND	
MW-28	d	Tetrachloroethene	127-18-4	ug/L	5/12/2009	ND	
MW-28	d	Toluene	108-88-3	ug/L	5/12/2009	ND	
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/12/2009	ND	
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/12/2009	ND	
MW-28	d	Trichloroethene	79-01-6	ug/L	5/12/2009	ND	
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	5/12/2009	ND	
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/12/2009	ND	
MW-28	d	Vinyl Acetate	108-05-4	ug/L	5/12/2009	ND	
MW-28	d	Vinyl Chloride	75-01-4	ug/L	5/12/2009	ND	
MW-28	d	Xylenes, total	1330-20-7	ug/L	5/12/2009	ND	
MW-28	d	Methylene Bromide	74-95-3	ug/L	5/12/2009	ND	
MW-29	d	Antimony	7440-36-0	mg/L	5/12/2009	ND	
MW-29	d	Arsenic	7440-38-2	mg/L	5/12/2009		0.00809
MW-29	d	Barium	7440-39-3	mg/L	5/12/2009		1.95
MW-29	d	Beryllium	7440-41-7	mg/L	5/12/2009	ND	
MW-29	d	Cadmium	7440-43-9	mg/L	5/12/2009	ND	
MW-29	d	Chromium	7440-47-3	mg/L	5/12/2009	ND	
MW-29	d	Cobalt	7440-48-4	mg/L	5/12/2009		0.0676
MW-29	d	Copper	7440-50-8	mg/L	5/12/2009	ND	
MW-29	d	Lead	7439-92-1	mg/L	5/12/2009	ND	
MW-29	d	Nickel	7440-02-0	mg/L	5/12/2009	ND	
MW-29	d	Selenium	7782-49-2	mg/L	5/12/2009	ND	
MW-29	d	Silver	7440-22-4	mg/L	5/12/2009	ND	
MW-29	d	Thallium	7440-28-0	mg/L	5/12/2009	ND	
MW-29	d	Vanadium	7440-62-2	mg/L	5/12/2009	ND	
MW-29	d	Zinc	7440-66-6	mg/L	5/12/2009	ND	
MW-29	d	Acetone	67-64-1	ug/L	5/12/2009	ND	
MW-29	d	Acrylonitrile	107-13-1	ug/L	5/12/2009	ND	
MW-29	d	Benzene	71-43-2	ug/L	5/12/2009		6.43
MW-29	d	Bromochloromethane	74-97-5	ug/L	5/12/2009	ND	
MW-29	d	Bromodichloromethane	75-27-4	ug/L	5/12/2009	ND	
MW-29	d	Bromoform	75-25-2	ug/L	5/12/2009	ND	
MW-29	d	Carbon Disulfide	75-15-0	ug/L	5/12/2009	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	5/12/2009	ND	
MW-29	d	Chlorobenzene	108-90-7	ug/L	5/12/2009		6.55
MW-29	d	Chloroethane	75-00-3	ug/L	5/12/2009	ND	
MW-29	d	Chloroform	67-66-3	ug/L	5/12/2009	ND	
MW-29	d	Chlorodibromomethane	124-48-1	ug/L	5/12/2009	ND	
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/12/2009	ND	
MW-29	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/12/2009	ND	
MW-29	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/12/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	5/12/2009		5.09
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	5/12/2009	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	5/12/2009	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/12/2009		13.1
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/12/2009		1.37
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	5/12/2009		1.86
MW-29	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/12/2009	ND	
MW-29	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/12/2009	ND	
MW-29	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/12/2009	ND	
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/12/2009		8.62
MW-29	d	Ethylbenzene	100-41-4	ug/L	5/12/2009	ND	
MW-29	d	2-Hexanone	591-78-6	ug/L	5/12/2009	ND	
MW-29	d	Bromomethane	74-83-9	ug/L	5/12/2009	ND	
MW-29	d	Chloromethane	74-87-3	ug/L	5/12/2009	ND	
MW-29	d	2-Butanone	78-93-3	ug/L	5/12/2009	ND	
MW-29	d	Iodomethane	74-88-4	ug/L	5/12/2009	ND	
MW-29	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/12/2009	ND	
MW-29	d	Methylene Chloride	75-09-2	ug/L	5/12/2009	ND	
MW-29	d	Styrene	100-42-5	ug/L	5/12/2009	ND	
MW-29	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/12/2009	ND	
MW-29	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/12/2009	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	5/12/2009	ND	
MW-29	d	Toluene	108-88-3	ug/L	5/12/2009	ND	
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/12/2009	ND	
MW-29	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/12/2009	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	5/12/2009		3.82
MW-29	d	Trichlorofluoromethane	75-69-4	ug/L	5/12/2009	ND	
MW-29	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/12/2009	ND	
MW-29	d	Vinyl Acetate	108-05-4	ug/L	5/12/2009	ND	
MW-29	d	Vinyl Chloride	75-01-4	ug/L	5/12/2009		4.11
MW-29	d	Xylenes, total	1330-20-7	ug/L	5/12/2009	ND	
MW-29	d	Methylene Bromide	74-95-3	ug/L	5/12/2009	ND	
MW-29	d	Alpha-Chlordane	5103-71-9	ug/L	5/12/2009	ND	
MW-30R	d	Antimony	7440-36-0	mg/L	5/12/2009	ND	
MW-30R	d	Arsenic	7440-38-2	mg/L	5/12/2009		0.0529
MW-30R	d	Barium	7440-39-3	mg/L	5/12/2009		1.25
MW-30R	d	Beryllium	7440-41-7	mg/L	5/12/2009	ND	
MW-30R	d	Cadmium	7440-43-9	mg/L	5/12/2009	ND	
MW-30R	d	Chromium	7440-47-3	mg/L	5/12/2009	ND	
MW-30R	d	Cobalt	7440-48-4	mg/L	5/12/2009	NDX	
MW-30R	d	Copper	7440-50-8	mg/L	5/12/2009	ND	
MW-30R	d	Lead	7439-92-1	mg/L	5/12/2009	ND	
MW-30R	d	Nickel	7440-02-0	mg/L	5/12/2009	ND	
MW-30R	d	Selenium	7782-49-2	mg/L	5/12/2009	ND	
MW-30R	d	Silver	7440-22-4	mg/L	5/12/2009	ND	
MW-30R	d	Thallium	7440-28-0	mg/L	5/12/2009	ND	
MW-30R	d	Vanadium	7440-62-2	mg/L	5/12/2009	ND	
MW-30R	d	Zinc	7440-66-6	mg/L	5/12/2009	ND	
MW-30R	d	Acetone	67-64-1	ug/L	5/12/2009	ND	
MW-30R	d	Acrylonitrile	107-13-1	ug/L	5/12/2009	ND	
MW-30R	d	Benzene	71-43-2	ug/L	5/12/2009		0.95
MW-30R	d	Bromochloromethane	74-97-5	ug/L	5/12/2009	ND	
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	5/12/2009	ND	
MW-30R	d	Bromoform	75-25-2	ug/L	5/12/2009	ND	
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	5/12/2009	ND	
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	5/12/2009	ND	
MW-30R	d	Chlorobenzene	108-90-7	ug/L	5/12/2009	ND	
MW-30R	d	Chloroethane	75-00-3	ug/L	5/12/2009	ND	
MW-30R	d	Chloroform	67-66-3	ug/L	5/12/2009	ND	
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	5/12/2009	ND	
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/12/2009	ND	
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/12/2009	ND	
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/12/2009	ND	
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	5/12/2009		7.97
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	5/12/2009	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	5/12/2009	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/12/2009		92.1
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/12/2009		2.24
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	5/12/2009	ND	
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/12/2009	ND	
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/12/2009	ND	
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/12/2009	ND	
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/12/2009	ND	
MW-30R	d	Ethylbenzene	100-41-4	ug/L	5/12/2009	ND	
MW-30R	d	2-Hexanone	591-78-6	ug/L	5/12/2009	ND	
MW-30R	d	Bromomethane	74-83-9	ug/L	5/12/2009	ND	
MW-30R	d	Chloromethane	74-87-3	ug/L	5/12/2009	ND	
MW-30R	d	2-Butanone	78-93-3	ug/L	5/12/2009	ND	
MW-30R	d	Iodomethane	74-88-4	ug/L	5/12/2009	ND	
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/12/2009	ND	
MW-30R	d	Methylene Chloride	75-09-2	ug/L	5/12/2009	ND	
MW-30R	d	Styrene	100-42-5	ug/L	5/12/2009	ND	
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/12/2009	ND	
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/12/2009	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	5/12/2009	ND	
MW-30R	d	Toluene	108-88-3	ug/L	5/12/2009	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/12/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/12/2009	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	5/12/2009		5.68
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	5/12/2009	ND	
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/12/2009	ND	
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	5/12/2009	ND	
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	5/12/2009		10.8
MW-30R	d	Xylenes, total	1330-20-7	ug/L	5/12/2009	ND	
MW-30R	d	Methylene Bromide	74-95-3	ug/L	5/12/2009	ND	
MW-32R	d	Antimony	7440-36-0	mg/L	5/12/2009	ND	
MW-32R	d	Arsenic	7440-38-2	mg/L	5/12/2009	ND	
MW-32R	d	Barium	7440-39-3	mg/L	5/12/2009		0.203
MW-32R	d	Beryllium	7440-41-7	mg/L	5/12/2009	ND	
MW-32R	d	Cadmium	7440-43-9	mg/L	5/12/2009	ND	
MW-32R	d	Chromium	7440-47-3	mg/L	5/12/2009	ND	
MW-32R	d	Cobalt	7440-48-4	mg/L	5/12/2009	NDX	
MW-32R	d	Copper	7440-50-8	mg/L	5/12/2009	ND	
MW-32R	d	Lead	7439-92-1	mg/L	5/12/2009	ND	
MW-32R	d	Nickel	7440-02-0	mg/L	5/12/2009	ND	
MW-32R	d	Selenium	7782-49-2	mg/L	5/12/2009	ND	
MW-32R	d	Silver	7440-22-4	mg/L	5/12/2009	ND	
MW-32R	d	Thallium	7440-28-0	mg/L	5/12/2009	ND	
MW-32R	d	Vanadium	7440-62-2	mg/L	5/12/2009	ND	
MW-32R	d	Zinc	7440-66-6	mg/L	5/12/2009	ND	
MW-32R	d	Acetone	67-64-1	ug/L	5/12/2009	ND	
MW-32R	d	Acrylonitrile	107-13-1	ug/L	5/12/2009	ND	
MW-32R	d	Benzene	71-43-2	ug/L	5/12/2009	ND	
MW-32R	d	Bromochloromethane	74-97-5	ug/L	5/12/2009	ND	
MW-32R	d	Bromodichloromethane	75-27-4	ug/L	5/12/2009	ND	
MW-32R	d	Bromoform	75-25-2	ug/L	5/12/2009	ND	
MW-32R	d	Carbon Disulfide	75-15-0	ug/L	5/12/2009	ND	
MW-32R	d	Carbon Tetrachloride	56-23-5	ug/L	5/12/2009	ND	
MW-32R	d	Chlorobenzene	108-90-7	ug/L	5/12/2009	ND	
MW-32R	d	Chloroethane	75-00-3	ug/L	5/12/2009	ND	
MW-32R	d	Chloroform	67-66-3	ug/L	5/12/2009	ND	
MW-32R	d	Chlorodibromomethane	124-48-1	ug/L	5/12/2009	ND	
MW-32R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/12/2009	ND	
MW-32R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/12/2009	ND	
MW-32R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/12/2009	ND	
MW-32R	d	1,1-Dichloroethane	75-34-3	ug/L	5/12/2009	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	5/12/2009	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	5/12/2009	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/12/2009	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/12/2009	ND	
MW-32R	d	1,2-Dichloropropane	78-87-5	ug/L	5/12/2009	ND	
MW-32R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/12/2009	ND	
MW-32R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/12/2009	ND	
MW-32R	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/12/2009	ND	
MW-32R	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/12/2009	ND	
MW-32R	d	Ethylbenzene	100-41-4	ug/L	5/12/2009	ND	
MW-32R	d	2-Hexanone	591-78-6	ug/L	5/12/2009	ND	
MW-32R	d	Bromomethane	74-83-9	ug/L	5/12/2009	ND	
MW-32R	d	Chloromethane	74-87-3	ug/L	5/12/2009	ND	
MW-32R	d	2-Butanone	78-93-3	ug/L	5/12/2009	ND	
MW-32R	d	Iodomethane	74-88-4	ug/L	5/12/2009	ND	
MW-32R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/12/2009	ND	
MW-32R	d	Methylene Chloride	75-09-2	ug/L	5/12/2009	ND	
MW-32R	d	Styrene	100-42-5	ug/L	5/12/2009	ND	
MW-32R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/12/2009	ND	
MW-32R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/12/2009	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	5/12/2009	ND	
MW-32R	d	Toluene	108-88-3	ug/L	5/12/2009	ND	
MW-32R	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/12/2009	ND	
MW-32R	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/12/2009	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	5/12/2009	ND	
MW-32R	d	Trichlorofluoromethane	75-69-4	ug/L	5/12/2009	ND	
MW-32R	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/12/2009	ND	
MW-32R	d	Vinyl Acetate	108-05-4	ug/L	5/12/2009	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	5/12/2009	ND	
MW-32R	d	Xylenes, total	1330-20-7	ug/L	5/12/2009	ND	
MW-32R	d	Methylene Bromide	74-95-3	ug/L	5/12/2009	ND	
MW-39	d	Antimony	7440-36-0	mg/L	5/12/2009	ND	
MW-39	d	Arsenic	7440-38-2	mg/L	5/12/2009	ND	
MW-39	d	Barium	7440-39-3	mg/L	5/12/2009		0.0575
MW-39	d	Beryllium	7440-41-7	mg/L	5/12/2009	ND	
MW-39	d	Cadmium	7440-43-9	mg/L	5/12/2009		0.00162
MW-39	d	Chromium	7440-47-3	mg/L	5/12/2009	ND	
MW-39	d	Cobalt	7440-48-4	mg/L	5/12/2009	NDX	
MW-39	d	Copper	7440-50-8	mg/L	5/12/2009	ND	
MW-39	d	Lead	7439-92-1	mg/L	5/12/2009	ND	
MW-39	d	Nickel	7440-02-0	mg/L	5/12/2009	ND	
MW-39	d	Selenium	7782-49-2	mg/L	5/12/2009		0.0064
MW-39	d	Silver	7440-22-4	mg/L	5/12/2009	ND	
MW-39	d	Thallium	7440-28-0	mg/L	5/12/2009	ND	
MW-39	d	Vanadium	7440-62-2	mg/L	5/12/2009	ND	
MW-39	d	Zinc	7440-66-6	mg/L	5/12/2009	ND	
MW-39	d	Acetone	67-64-1	ug/L	5/12/2009	ND	
MW-39	d	Acrylonitrile	107-13-1	ug/L	5/12/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	Benzene	71-43-2	ug/L	5/12/2009	ND	
MW-39	d	Bromochloromethane	74-97-5	ug/L	5/12/2009	ND	
MW-39	d	Bromodichloromethane	75-27-4	ug/L	5/12/2009	ND	
MW-39	d	Bromoform	75-25-2	ug/L	5/12/2009	ND	
MW-39	d	Carbon Disulfide	75-15-0	ug/L	5/12/2009	ND	
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	5/12/2009	ND	
MW-39	d	Chlorobenzene	108-90-7	ug/L	5/12/2009	ND	
MW-39	d	Chloroethane	75-00-3	ug/L	5/12/2009	ND	
MW-39	d	Chloroform	67-66-3	ug/L	5/12/2009	ND	
MW-39	d	Chlorodibromomethane	124-48-1	ug/L	5/12/2009	ND	
MW-39	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/12/2009	ND	
MW-39	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/12/2009	ND	
MW-39	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/12/2009	ND	
MW-39	d	1,1-Dichloroethane	75-34-3	ug/L	5/12/2009	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	5/12/2009	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	5/12/2009	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/12/2009	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/12/2009	ND	
MW-39	d	1,2-Dichloropropane	78-87-5	ug/L	5/12/2009	ND	
MW-39	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/12/2009	ND	
MW-39	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/12/2009	ND	
MW-39	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/12/2009	ND	
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/12/2009	ND	
MW-39	d	Ethylbenzene	100-41-4	ug/L	5/12/2009	ND	
MW-39	d	2-Hexanone	591-78-6	ug/L	5/12/2009	ND	
MW-39	d	Bromomethane	74-83-9	ug/L	5/12/2009	ND	
MW-39	d	Chloromethane	74-87-3	ug/L	5/12/2009	ND	
MW-39	d	2-Butanone	78-93-3	ug/L	5/12/2009	ND	
MW-39	d	Iodomethane	74-88-4	ug/L	5/12/2009	ND	
MW-39	d	Methylene Chloride	75-09-2	ug/L	5/12/2009	ND	
MW-39	d	Styrene	100-42-5	ug/L	5/12/2009	ND	
MW-39	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/12/2009	ND	
MW-39	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/12/2009	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	5/12/2009	ND	
MW-39	d	Toluene	108-88-3	ug/L	5/12/2009	ND	
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/12/2009	ND	
MW-39	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/12/2009	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	5/12/2009	ND	
MW-39	d	Trichlorofluoromethane	75-69-4	ug/L	5/12/2009	ND	
MW-39	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/12/2009	ND	
MW-39	d	Vinyl Acetate	108-05-4	ug/L	5/12/2009	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	5/12/2009	ND	
MW-39	d	Xylenes, total	1330-20-7	ug/L	5/12/2009	ND	
MW-39	d	Methylene Bromide	74-95-3	ug/L	5/12/2009	ND	
MW-58	d	Antimony	7440-36-0	mg/L	5/12/2009	ND	
MW-58	d	Arsenic	7440-38-2	mg/L	5/12/2009		0.0188
MW-58	d	Barium	7440-39-3	mg/L	5/12/2009		0.588
MW-58	d	Beryllium	7440-41-7	mg/L	5/12/2009	ND	
MW-58	d	Cadmium	7440-43-9	mg/L	5/12/2009	ND	
MW-58	d	Chromium	7440-47-3	mg/L	5/12/2009	ND	
MW-58	d	Cobalt	7440-48-4	mg/L	5/12/2009	NDX	
MW-58	d	Copper	7440-50-8	mg/L	5/12/2009	ND	
MW-58	d	Lead	7439-92-1	mg/L	5/12/2009	ND	
MW-58	d	Nickel	7440-02-0	mg/L	5/12/2009	ND	
MW-58	d	Selenium	7782-49-2	mg/L	5/12/2009	ND	
MW-58	d	Silver	7440-22-4	mg/L	5/12/2009	ND	
MW-58	d	Thallium	7440-28-0	mg/L	5/12/2009		0.0031
MW-58	d	Vanadium	7440-62-2	mg/L	5/12/2009	ND	
MW-58	d	Zinc	7440-66-6	mg/L	5/12/2009	ND	
MW-58	d	Acetone	67-64-1	ug/L	5/12/2009	ND	
MW-58	d	Acrylonitrile	107-13-1	ug/L	5/12/2009	ND	
MW-58	d	Benzene	71-43-2	ug/L	5/12/2009		2.61
MW-58	d	Bromochloromethane	74-97-5	ug/L	5/12/2009	ND	
MW-58	d	Bromodichloromethane	75-27-4	ug/L	5/12/2009	ND	
MW-58	d	Bromoform	75-25-2	ug/L	5/12/2009	ND	
MW-58	d	Carbon Disulfide	75-15-0	ug/L	5/12/2009	ND	
MW-58	d	Carbon Tetrachloride	56-23-5	ug/L	5/12/2009	ND	
MW-58	d	Chlorobenzene	108-90-7	ug/L	5/12/2009		3.39
MW-58	d	Chloroethane	75-00-3	ug/L	5/12/2009		5.46
MW-58	d	Chloroform	67-66-3	ug/L	5/12/2009	ND	
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	5/12/2009	ND	
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/12/2009	ND	
MW-58	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/12/2009	ND	
MW-58	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/12/2009	ND	
MW-58	d	1,1-Dichloroethane	75-34-3	ug/L	5/12/2009	ND	
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	5/12/2009	ND	
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	5/12/2009	ND	
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/12/2009	ND	
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/12/2009	ND	
MW-58	d	1,2-Dichloropropane	78-87-5	ug/L	5/12/2009	ND	
MW-58	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/12/2009	ND	
MW-58	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/12/2009	ND	
MW-58	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/12/2009	ND	
MW-58	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/12/2009	ND	
MW-58	d	Ethylbenzene	100-41-4	ug/L	5/12/2009	ND	
MW-58	d	2-Hexanone	591-78-6	ug/L	5/12/2009	ND	
MW-58	d	Bromomethane	74-83-9	ug/L	5/12/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	Chloromethane	74-87-3	ug/L	5/12/2009	ND	
MW-58	d	2-Butanone	78-93-3	ug/L	5/12/2009	ND	
MW-58	d	Iodomethane	74-88-4	ug/L	5/12/2009	ND	
MW-58	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/12/2009	ND	
MW-58	d	Methylene Chloride	75-09-2	ug/L	5/12/2009	ND	
MW-58	d	Styrene	100-42-5	ug/L	5/12/2009	ND	
MW-58	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/12/2009	ND	
MW-58	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/12/2009	ND	
MW-58	d	Tetrachloroethene	127-18-4	ug/L	5/12/2009	ND	
MW-58	d	Toluene	108-88-3	ug/L	5/12/2009	ND	
MW-58	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/12/2009	ND	
MW-58	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/12/2009	ND	
MW-58	d	Trichloroethene	79-01-6	ug/L	5/12/2009	ND	
MW-58	d	Trichlorofluoromethane	75-69-4	ug/L	5/12/2009	ND	
MW-58	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/12/2009	ND	
MW-58	d	Vinyl Acetate	108-05-4	ug/L	5/12/2009	ND	
MW-58	d	Vinyl Chloride	75-01-4	ug/L	5/12/2009	ND	
MW-58	d	Xylenes, total	1330-20-7	ug/L	5/12/2009	ND	
MW-58	d	Methylene Bromide	74-95-3	ug/L	5/12/2009	ND	
MW-31R	d	Antimony	7440-36-0	mg/L	6/8/2009	ND	
MW-31R	d	Arsenic	7440-38-2	mg/L	6/8/2009		0.00202
MW-31R	d	Barium	7440-39-3	mg/L	6/8/2009		0.378
MW-31R	d	Beryllium	7440-41-7	mg/L	6/8/2009	ND	
MW-31R	d	Cadmium	7440-43-9	mg/L	6/8/2009	ND	
MW-31R	d	Chromium	7440-47-3	mg/L	6/8/2009	ND	
MW-31R	d	Cobalt	7440-48-4	mg/L	6/8/2009	NDX	
MW-31R	d	Copper	7440-50-8	mg/L	6/8/2009	ND	
MW-31R	d	Lead	7439-92-1	mg/L	6/8/2009	ND	
MW-31R	d	Nickel	7440-02-0	mg/L	6/8/2009	ND	
MW-31R	d	Selenium	7782-49-2	mg/L	6/8/2009	ND	
MW-31R	d	Silver	7440-22-4	mg/L	6/8/2009	ND	
MW-31R	d	Thallium	7440-28-0	mg/L	6/8/2009	ND	
MW-31R	d	Vanadium	7440-62-2	mg/L	6/8/2009	ND	
MW-31R	d	Zinc	7440-66-6	mg/L	6/8/2009		0.0658
MW-31R	d	Acetone	67-64-1	ug/L	6/8/2009	ND	
MW-31R	d	Acrylonitrile	107-13-1	ug/L	6/8/2009	ND	
MW-31R	d	Benzene	71-43-2	ug/L	6/8/2009	ND	
MW-31R	d	Bromochloromethane	74-97-5	ug/L	6/8/2009	ND	
MW-31R	d	Bromodichloromethane	75-27-4	ug/L	6/8/2009	ND	
MW-31R	d	Bromoform	75-25-2	ug/L	6/8/2009	ND	
MW-31R	d	Carbon Disulfide	75-15-0	ug/L	6/8/2009	ND	
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	6/8/2009	ND	
MW-31R	d	Chlorobenzene	108-90-7	ug/L	6/8/2009	ND	
MW-31R	d	Chloroethane	75-00-3	ug/L	6/8/2009	ND	
MW-31R	d	Chloroform	67-66-3	ug/L	6/8/2009	ND	
MW-31R	d	Chlorodibromomethane	124-48-1	ug/L	6/8/2009	ND	
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/8/2009	ND	
MW-31R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/8/2009	ND	
MW-31R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/8/2009	ND	
MW-31R	d	1,1-Dichloroethane	75-34-3	ug/L	6/8/2009	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	6/8/2009	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	6/8/2009	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/8/2009	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/8/2009	ND	
MW-31R	d	1,2-Dichloropropane	78-87-5	ug/L	6/8/2009	ND	
MW-31R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/8/2009	ND	
MW-31R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/8/2009	ND	
MW-31R	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/8/2009	ND	
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/8/2009	ND	
MW-31R	d	Ethylbenzene	100-41-4	ug/L	6/8/2009	ND	
MW-31R	d	2-Hexanone	591-78-6	ug/L	6/8/2009	ND	
MW-31R	d	Bromomethane	74-83-9	ug/L	6/8/2009	ND	
MW-31R	d	Chloromethane	74-87-3	ug/L	6/8/2009	ND	
MW-31R	d	2-Butanone	78-93-3	ug/L	6/8/2009	ND	
MW-31R	d	Iodomethane	74-88-4	ug/L	6/8/2009	ND	
MW-31R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/8/2009	ND	
MW-31R	d	Methylene Chloride	75-09-2	ug/L	6/8/2009	ND	
MW-31R	d	Styrene	100-42-5	ug/L	6/8/2009	ND	
MW-31R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/8/2009	ND	
MW-31R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/8/2009	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	6/8/2009	ND	
MW-31R	d	Toluene	108-88-3	ug/L	6/8/2009	ND	
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/8/2009	ND	
MW-31R	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/8/2009	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	6/8/2009	ND	
MW-31R	d	Trichlorofluoromethane	75-69-4	ug/L	6/8/2009	ND	
MW-31R	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/8/2009	ND	
MW-31R	d	Vinyl Acetate	108-05-4	ug/L	6/8/2009	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	6/8/2009	ND	
MW-31R	d	Xylenes, total	1330-20-7	ug/L	6/8/2009	ND	
MW-31R	d	Methylene Bromide	74-95-3	ug/L	6/8/2009	ND	
MW-50	d	Antimony	7440-36-0	mg/L	6/8/2009	ND	
MW-50	d	Arsenic	7440-38-2	mg/L	6/8/2009		0.00114
MW-50	d	Barium	7440-39-3	mg/L	6/8/2009		0.14
MW-50	d	Beryllium	7440-41-7	mg/L	6/8/2009	ND	
MW-50	d	Cadmium	7440-43-9	mg/L	6/8/2009	ND	
MW-50	d	Chromium	7440-47-3	mg/L	6/8/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	Cobalt	7440-48-4	mg/L	6/8/2009	NDX	
MW-50	d	Copper	7440-50-8	mg/L	6/8/2009	ND	
MW-50	d	Lead	7439-92-1	mg/L	6/8/2009	ND	
MW-50	d	Nickel	7440-02-0	mg/L	6/8/2009	ND	
MW-50	d	Selenium	7782-49-2	mg/L	6/8/2009	ND	
MW-50	d	Silver	7440-22-4	mg/L	6/8/2009	ND	
MW-50	d	Thallium	7440-28-0	mg/L	6/8/2009	ND	
MW-50	d	Vanadium	7440-62-2	mg/L	6/8/2009	ND	
MW-50	d	Zinc	7440-66-6	mg/L	6/8/2009		0.104
MW-50	d	Acetone	67-64-1	ug/L	6/8/2009	ND	
MW-50	d	Acrylonitrile	107-13-1	ug/L	6/8/2009	ND	
MW-50	d	Benzene	71-43-2	ug/L	6/8/2009	ND	
MW-50	d	Bromochloromethane	74-97-5	ug/L	6/8/2009	ND	
MW-50	d	Bromodichloromethane	75-27-4	ug/L	6/8/2009	ND	
MW-50	d	Bromoform	75-25-2	ug/L	6/8/2009	ND	
MW-50	d	Carbon Disulfide	75-15-0	ug/L	6/8/2009	ND	
MW-50	d	Carbon Tetrachloride	56-23-5	ug/L	6/8/2009	ND	
MW-50	d	Chlorobenzene	108-90-7	ug/L	6/8/2009	ND	
MW-50	d	Chloroethane	75-00-3	ug/L	6/8/2009	ND	
MW-50	d	Chloroform	67-66-3	ug/L	6/8/2009	ND	
MW-50	d	Chlorodibromomethane	124-48-1	ug/L	6/8/2009	ND	
MW-50	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/8/2009	ND	
MW-50	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/8/2009	ND	
MW-50	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/8/2009	ND	
MW-50	d	1,1-Dichloroethane	75-34-3	ug/L	6/8/2009	ND	
MW-50	d	1,2-Dichloroethane	107-06-2	ug/L	6/8/2009	ND	
MW-50	d	1,1-Dichloroethene	75-35-4	ug/L	6/8/2009	ND	
MW-50	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/8/2009	ND	
MW-50	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/8/2009	ND	
MW-50	d	1,2-Dichloropropane	78-87-5	ug/L	6/8/2009	ND	
MW-50	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/8/2009	ND	
MW-50	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/8/2009	ND	
MW-50	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/8/2009	ND	
MW-50	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/8/2009	ND	
MW-50	d	Ethylbenzene	100-41-4	ug/L	6/8/2009	ND	
MW-50	d	2-Hexanone	591-78-6	ug/L	6/8/2009	ND	
MW-50	d	Bromomethane	74-83-9	ug/L	6/8/2009	ND	
MW-50	d	Chloromethane	74-87-3	ug/L	6/8/2009	ND	
MW-50	d	2-Butanone	78-93-3	ug/L	6/8/2009	ND	
MW-50	d	Iodomethane	74-88-4	ug/L	6/8/2009	ND	
MW-50	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/8/2009	ND	
MW-50	d	Methylene Chloride	75-09-2	ug/L	6/8/2009	ND	
MW-50	d	Styrene	100-42-5	ug/L	6/8/2009	ND	
MW-50	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/8/2009	ND	
MW-50	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/8/2009	ND	
MW-50	d	Tetrachloroethene	127-18-4	ug/L	6/8/2009	ND	
MW-50	d	Toluene	108-88-3	ug/L	6/8/2009	ND	
MW-50	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/8/2009	ND	
MW-50	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/8/2009	ND	
MW-50	d	Trichloroethene	79-01-6	ug/L	6/8/2009	ND	
MW-50	d	Trichlorofluoromethane	75-69-4	ug/L	6/8/2009	ND	
MW-50	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/8/2009	ND	
MW-50	d	Vinyl Acetate	108-05-4	ug/L	6/8/2009	ND	
MW-50	d	Vinyl Chloride	75-01-4	ug/L	6/8/2009	ND	
MW-50	d	Xylenes, total	1330-20-7	ug/L	6/8/2009	ND	
MW-50	d	Methylene Bromide	74-95-3	ug/L	6/8/2009	ND	
MW-56	d	Antimony	7440-36-0	mg/L	6/8/2009	ND	
MW-56	d	Arsenic	7440-38-2	mg/L	6/8/2009		0.00208
MW-56	d	Barium	7440-39-3	mg/L	6/8/2009		0.419
MW-56	d	Beryllium	7440-41-7	mg/L	6/8/2009	ND	
MW-56	d	Cadmium	7440-43-9	mg/L	6/8/2009	ND	
MW-56	d	Chromium	7440-47-3	mg/L	6/8/2009	ND	
MW-56	d	Cobalt	7440-48-4	mg/L	6/8/2009	NDX	
MW-56	d	Copper	7440-50-8	mg/L	6/8/2009	ND	
MW-56	d	Lead	7439-92-1	mg/L	6/8/2009	ND	
MW-56	d	Nickel	7440-02-0	mg/L	6/8/2009	ND	
MW-56	d	Selenium	7782-49-2	mg/L	6/8/2009	ND	
MW-56	d	Silver	7440-22-4	mg/L	6/8/2009	ND	
MW-56	d	Thallium	7440-28-0	mg/L	6/8/2009	ND	
MW-56	d	Vanadium	7440-62-2	mg/L	6/8/2009	ND	
MW-56	d	Zinc	7440-66-6	mg/L	6/8/2009		0.0807
MW-56	d	Acetone	67-64-1	ug/L	6/8/2009	ND	
MW-56	d	Acrylonitrile	107-13-1	ug/L	6/8/2009	ND	
MW-56	d	Benzene	71-43-2	ug/L	6/8/2009	ND	
MW-56	d	Bromochloromethane	74-97-5	ug/L	6/8/2009	ND	
MW-56	d	Bromodichloromethane	75-27-4	ug/L	6/8/2009	ND	
MW-56	d	Bromoform	75-25-2	ug/L	6/8/2009	ND	
MW-56	d	Carbon Disulfide	75-15-0	ug/L	6/8/2009	ND	
MW-56	d	Carbon Tetrachloride	56-23-5	ug/L	6/8/2009	ND	
MW-56	d	Chlorobenzene	108-90-7	ug/L	6/8/2009	ND	
MW-56	d	Chloroethane	75-00-3	ug/L	6/8/2009	ND	
MW-56	d	Chloroform	67-66-3	ug/L	6/8/2009	ND	
MW-56	d	Chlorodibromomethane	124-48-1	ug/L	6/8/2009	ND	
MW-56	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/8/2009	ND	
MW-56	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/8/2009	ND	
MW-56	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/8/2009	ND	
MW-56	d	1,1-Dichloroethane	75-34-3	ug/L	6/8/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	1,2-Dichloroethane	107-06-2	ug/L	6/8/2009	ND	
MW-56	d	1,1-Dichloroethene	75-35-4	ug/L	6/8/2009	ND	
MW-56	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/8/2009	ND	
MW-56	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/8/2009	ND	
MW-56	d	1,2-Dichloropropane	78-87-5	ug/L	6/8/2009	ND	
MW-56	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/8/2009	ND	
MW-56	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/8/2009	ND	
MW-56	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/8/2009	ND	
MW-56	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/8/2009	ND	
MW-56	d	Ethylbenzene	100-41-4	ug/L	6/8/2009	ND	
MW-56	d	2-Hexanone	591-78-6	ug/L	6/8/2009	ND	
MW-56	d	Bromomethane	74-83-9	ug/L	6/8/2009	ND	
MW-56	d	Chloromethane	74-87-3	ug/L	6/8/2009	ND	
MW-56	d	2-Butanone	78-93-3	ug/L	6/8/2009	ND	
MW-56	d	Iodomethane	74-88-4	ug/L	6/8/2009	ND	
MW-56	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/8/2009	ND	
MW-56	d	Methylene Chloride	75-09-2	ug/L	6/8/2009	ND	
MW-56	d	Styrene	100-42-5	ug/L	6/8/2009	ND	
MW-56	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/8/2009	ND	
MW-56	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/8/2009	ND	
MW-56	d	Tetrachloroethene	127-18-4	ug/L	6/8/2009	ND	
MW-56	d	Toluene	108-88-3	ug/L	6/8/2009	ND	
MW-56	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/8/2009	ND	
MW-56	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/8/2009	ND	
MW-56	d	Trichloroethene	79-01-6	ug/L	6/8/2009	ND	
MW-56	d	Trichlorofluoromethane	75-69-4	ug/L	6/8/2009	ND	
MW-56	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/8/2009	ND	
MW-56	d	Vinyl Acetate	108-05-4	ug/L	6/8/2009	ND	
MW-56	d	Vinyl Chloride	75-01-4	ug/L	6/8/2009	ND	
MW-56	d	Xylenes, total	1330-20-7	ug/L	6/8/2009	ND	
MW-56	d	Methylene Bromide	74-95-3	ug/L	6/8/2009	ND	
MW-19	d	Barium	7440-39-3	mg/L	7/16/2009		0.0445
MW-19	d	Zinc	7440-66-6	mg/L	7/16/2009		0.0305
MW-22R	d	Antimony	7440-36-0	mg/L	7/16/2009	ND	
MW-22R	d	Arsenic	7440-38-2	mg/L	7/16/2009		0.00138
MW-22R	d	Barium	7440-39-3	mg/L	7/16/2009		0.587
MW-22R	d	Beryllium	7440-41-7	mg/L	7/16/2009	ND	
MW-22R	d	Cadmium	7440-43-9	mg/L	7/16/2009	ND	
MW-22R	d	Chromium	7440-47-3	mg/L	7/16/2009	ND	
MW-22R	d	Cobalt	7440-48-4	mg/L	7/16/2009	NDX	
MW-22R	d	Copper	7440-50-8	mg/L	7/16/2009	ND	
MW-22R	d	Lead	7439-92-1	mg/L	7/16/2009	ND	
MW-22R	d	Nickel	7440-02-0	mg/L	7/16/2009	ND	
MW-22R	d	Selenium	7782-49-2	mg/L	7/16/2009	ND	
MW-22R	d	Silver	7440-22-4	mg/L	7/16/2009	ND	
MW-22R	d	Thallium	7440-28-0	mg/L	7/16/2009	ND	
MW-22R	d	Vanadium	7440-62-2	mg/L	7/16/2009	ND	
MW-22R	d	Zinc	7440-66-6	mg/L	7/16/2009		0.0467
MW-22R	d	Acetone	67-64-1	ug/L	7/16/2009	ND	
MW-22R	d	Acrylonitrile	107-13-1	ug/L	7/16/2009	ND	
MW-22R	d	Benzene	71-43-2	ug/L	7/16/2009	ND	
MW-22R	d	Bromochloromethane	74-97-5	ug/L	7/16/2009	ND	
MW-22R	d	Bromodichloromethane	75-27-4	ug/L	7/16/2009	ND	
MW-22R	d	Bromoform	75-25-2	ug/L	7/16/2009	ND	
MW-22R	d	Carbon Disulfide	75-15-0	ug/L	7/16/2009	ND	
MW-22R	d	Carbon Tetrachloride	56-23-5	ug/L	7/16/2009	ND	
MW-22R	d	Chlorobenzene	108-90-7	ug/L	7/16/2009	ND	
MW-22R	d	Chloroethane	75-00-3	ug/L	7/16/2009	ND	
MW-22R	d	Chloroform	67-66-3	ug/L	7/16/2009	ND	
MW-22R	d	Chlorodibromomethane	124-48-1	ug/L	7/16/2009	ND	
MW-22R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/16/2009	ND	
MW-22R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/16/2009	ND	
MW-22R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/16/2009	ND	
MW-22R	d	1,1-Dichloroethane	75-34-3	ug/L	7/16/2009	ND	
MW-22R	d	1,2-Dichloroethane	107-06-2	ug/L	7/16/2009	ND	
MW-22R	d	1,1-Dichloroethene	75-35-4	ug/L	7/16/2009	ND	
MW-22R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/16/2009	ND	
MW-22R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/16/2009	ND	
MW-22R	d	1,2-Dichloropropane	78-87-5	ug/L	7/16/2009	ND	
MW-22R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/16/2009	ND	
MW-22R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/16/2009	ND	
MW-22R	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/16/2009	ND	
MW-22R	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/16/2009	ND	
MW-22R	d	Ethylbenzene	100-41-4	ug/L	7/16/2009	ND	
MW-22R	d	2-Hexanone	591-78-6	ug/L	7/16/2009	ND	
MW-22R	d	Bromomethane	74-83-9	ug/L	7/16/2009	ND	
MW-22R	d	Chloromethane	74-87-3	ug/L	7/16/2009	ND	
MW-22R	d	2-Butanone	78-93-3	ug/L	7/16/2009	ND	
MW-22R	d	Iodomethane	74-88-4	ug/L	7/16/2009	ND	
MW-22R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/16/2009	ND	
MW-22R	d	Methylene Chloride	75-09-2	ug/L	7/16/2009	ND	
MW-22R	d	Styrene	100-42-5	ug/L	7/16/2009	ND	
MW-22R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/16/2009	ND	
MW-22R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/16/2009	ND	
MW-22R	d	Tetrachloroethene	127-18-4	ug/L	7/16/2009	ND	
MW-22R	d	Toluene	108-88-3	ug/L	7/16/2009	ND	
MW-22R	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/16/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-22R	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/16/2009	ND	
MW-22R	d	Trichloroethene	79-01-6	ug/L	7/16/2009	ND	
MW-22R	d	Trichlorofluoromethane	75-69-4	ug/L	7/16/2009	ND	
MW-22R	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/16/2009	ND	
MW-22R	d	Vinyl Acetate	108-05-4	ug/L	7/16/2009	ND	
MW-22R	d	Vinyl Chloride	75-01-4	ug/L	7/16/2009	ND	
MW-22R	d	Xylenes, total	1330-20-7	ug/L	7/16/2009	ND	
MW-22R	d	Endosulfan I	959-98-8	ug/L	7/16/2009	ND	
MW-22R	d	Methylene Bromide	74-95-3	ug/L	7/16/2009	ND	
MW-22R	d	Alpha-Chlordane	5103-71-9	ug/L	7/16/2009	ND	
MW-39	d	Antimony	7440-36-0	mg/L	7/16/2009	ND	
MW-39	d	Arsenic	7440-38-2	mg/L	7/16/2009	ND	
MW-39	d	Barium	7440-39-3	mg/L	7/16/2009		0.0581
MW-39	d	Beryllium	7440-41-7	mg/L	7/16/2009	ND	
MW-39	d	Cadmium	7440-43-9	mg/L	7/16/2009	ND	
MW-39	d	Chromium	7440-47-3	mg/L	7/16/2009	ND	
MW-39	d	Cobalt	7440-48-4	mg/L	7/16/2009	NDX	
MW-39	d	Copper	7440-50-8	mg/L	7/16/2009	ND	
MW-39	d	Lead	7439-92-1	mg/L	7/16/2009	ND	
MW-39	d	Nickel	7440-02-0	mg/L	7/16/2009	ND	
MW-39	d	Selenium	7782-49-2	mg/L	7/16/2009	ND	
MW-39	d	Silver	7440-22-4	mg/L	7/16/2009	ND	
MW-39	d	Thallium	7440-28-0	mg/L	7/16/2009	ND	
MW-39	d	Vanadium	7440-62-2	mg/L	7/16/2009	ND	
MW-39	d	Zinc	7440-66-6	mg/L	7/16/2009		0.0704
MW-39	d	Acetone	67-64-1	ug/L	7/16/2009	ND	
MW-39	d	Acrylonitrile	107-13-1	ug/L	7/16/2009	ND	
MW-39	d	Benzene	71-43-2	ug/L	7/16/2009	ND	
MW-39	d	Bromochloromethane	74-97-5	ug/L	7/16/2009	ND	
MW-39	d	Bromodichloromethane	75-27-4	ug/L	7/16/2009	ND	
MW-39	d	Bromoform	75-25-2	ug/L	7/16/2009	ND	
MW-39	d	Carbon Disulfide	75-15-0	ug/L	7/16/2009	ND	
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	7/16/2009	ND	
MW-39	d	Chlorobenzene	108-90-7	ug/L	7/16/2009	ND	
MW-39	d	Chloroethane	75-00-3	ug/L	7/16/2009	ND	
MW-39	d	Chloroform	67-66-3	ug/L	7/16/2009	ND	
MW-39	d	Chlorodibromomethane	124-48-1	ug/L	7/16/2009	ND	
MW-39	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/16/2009	ND	
MW-39	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/16/2009	ND	
MW-39	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/16/2009	ND	
MW-39	d	1,1-Dichloroethane	75-34-3	ug/L	7/16/2009	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	7/16/2009	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	7/16/2009	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/16/2009	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/16/2009	ND	
MW-39	d	1,2-Dichloropropane	78-87-5	ug/L	7/16/2009	ND	
MW-39	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/16/2009	ND	
MW-39	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/16/2009	ND	
MW-39	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/16/2009	ND	
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/16/2009	ND	
MW-39	d	Ethylbenzene	100-41-4	ug/L	7/16/2009	ND	
MW-39	d	2-Hexanone	591-78-6	ug/L	7/16/2009	ND	
MW-39	d	Bromomethane	74-83-9	ug/L	7/16/2009	ND	
MW-39	d	Chloromethane	74-87-3	ug/L	7/16/2009	ND	
MW-39	d	2-Butanone	78-93-3	ug/L	7/16/2009	ND	
MW-39	d	Iodomethane	74-88-4	ug/L	7/16/2009	ND	
MW-39	d	Methylene Chloride	75-09-2	ug/L	7/16/2009	ND	
MW-39	d	Styrene	100-42-5	ug/L	7/16/2009	ND	
MW-39	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/16/2009	ND	
MW-39	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/16/2009	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	7/16/2009	ND	
MW-39	d	Toluene	108-88-3	ug/L	7/16/2009	ND	
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/16/2009	ND	
MW-39	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/16/2009	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	7/16/2009	ND	
MW-39	d	Trichlorofluoromethane	75-69-4	ug/L	7/16/2009	ND	
MW-39	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/16/2009	ND	
MW-39	d	Vinyl Acetate	108-05-4	ug/L	7/16/2009	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	7/16/2009	ND	
MW-39	d	Xylenes, total	1330-20-7	ug/L	7/16/2009	ND	
MW-39	d	Methylene Bromide	74-95-3	ug/L	7/16/2009	ND	
MW-58	d	Arsenic	7440-38-2	mg/L	7/16/2009		0.0171
MW-58	d	Barium	7440-39-3	mg/L	7/16/2009		0.561
MW-58	d	Zinc	7440-66-6	mg/L	7/16/2009		0.0648
MW-58	d	Acetone	67-64-1	ug/L	7/16/2009	ND	
MW-58	d	Benzene	71-43-2	ug/L	7/16/2009		2.8
MW-58	d	Chlorobenzene	108-90-7	ug/L	7/16/2009		4.11
MW-58	d	Chloroethane	75-00-3	ug/L	7/16/2009		5.09
GU-3A	d	Antimony	7440-36-0	mg/L	8/11/2009	ND	
GU-3A	d	Arsenic	7440-38-2	mg/L	8/11/2009	ND	
GU-3A	d	Barium	7440-39-3	mg/L	8/11/2009		0.102
GU-3A	d	Beryllium	7440-41-7	mg/L	8/11/2009	ND	
GU-3A	d	Cadmium	7440-43-9	mg/L	8/11/2009	ND	
GU-3A	d	Chromium	7440-47-3	mg/L	8/11/2009	ND	
GU-3A	d	Cobalt	7440-48-4	mg/L	8/11/2009	NDX	
GU-3A	d	Copper	7440-50-8	mg/L	8/11/2009	ND	
GU-3A	d	Lead	7439-92-1	mg/L	8/11/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
GU-3A	d	Nickel	7440-02-0	mg/L	8/11/2009	ND	
GU-3A	d	Selenium	7782-49-2	mg/L	8/11/2009	ND	
GU-3A	d	Silver	7440-22-4	mg/L	8/11/2009	ND	
GU-3A	d	Thallium	7440-28-0	mg/L	8/11/2009	ND	
GU-3A	d	Vanadium	7440-62-2	mg/L	8/11/2009	ND	
GU-3A	d	Zinc	7440-66-6	mg/L	8/11/2009		0.0931
GU-3A	d	Acetone	67-64-1	ug/L	8/11/2009	ND	
GU-3A	d	Acrylonitrile	107-13-1	ug/L	8/11/2009	ND	
GU-3A	d	Benzene	71-43-2	ug/L	8/11/2009	ND	
GU-3A	d	Bromochloromethane	74-97-5	ug/L	8/11/2009	ND	
GU-3A	d	Bromodichloromethane	75-27-4	ug/L	8/11/2009	ND	
GU-3A	d	Bromoform	75-25-2	ug/L	8/11/2009	ND	
GU-3A	d	Carbon Disulfide	75-15-0	ug/L	8/11/2009	ND	
GU-3A	d	Carbon Tetrachloride	56-23-5	ug/L	8/11/2009	ND	
GU-3A	d	Chlorobenzene	108-90-7	ug/L	8/11/2009	ND	
GU-3A	d	Chloroethane	75-00-3	ug/L	8/11/2009	ND	
GU-3A	d	Chloroform	67-66-3	ug/L	8/11/2009	ND	
GU-3A	d	Chlorodibromomethane	124-48-1	ug/L	8/11/2009	ND	
GU-3A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/11/2009	ND	
GU-3A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/11/2009	ND	
GU-3A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/11/2009	ND	
GU-3A	d	1,1-Dichloroethane	75-34-3	ug/L	8/11/2009	ND	
GU-3A	d	1,2-Dichloroethane	107-06-2	ug/L	8/11/2009	ND	
GU-3A	d	1,1-Dichloroethene	75-35-4	ug/L	8/11/2009	ND	
GU-3A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/11/2009	ND	
GU-3A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/11/2009	ND	
GU-3A	d	1,2-Dichloropropane	78-87-5	ug/L	8/11/2009	ND	
GU-3A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/11/2009	ND	
GU-3A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/11/2009	ND	
GU-3A	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/11/2009	ND	
GU-3A	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/11/2009	ND	
GU-3A	d	Ethylbenzene	100-41-4	ug/L	8/11/2009	ND	
GU-3A	d	2-Hexanone	591-78-6	ug/L	8/11/2009	ND	
GU-3A	d	Bromomethane	74-83-9	ug/L	8/11/2009	ND	
GU-3A	d	Chloromethane	74-87-3	ug/L	8/11/2009	ND	
GU-3A	d	2-Butanone	78-93-3	ug/L	8/11/2009	ND	
GU-3A	d	Iodomethane	74-88-4	ug/L	8/11/2009	ND	
GU-3A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/11/2009	ND	
GU-3A	d	Methylene Chloride	75-09-2	ug/L	8/11/2009	ND	
GU-3A	d	Styrene	100-42-5	ug/L	8/11/2009	ND	
GU-3A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/11/2009	ND	
GU-3A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/11/2009	ND	
GU-3A	d	Tetrachloroethene	127-18-4	ug/L	8/11/2009	ND	
GU-3A	d	Toluene	108-88-3	ug/L	8/11/2009	ND	
GU-3A	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/11/2009	ND	
GU-3A	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/11/2009	ND	
GU-3A	d	Trichloroethene	79-01-6	ug/L	8/11/2009	ND	
GU-3A	d	Trichlorofluoromethane	75-69-4	ug/L	8/11/2009	ND	
GU-3A	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/11/2009	ND	
GU-3A	d	Vinyl Acetate	108-05-4	ug/L	8/11/2009	ND	
GU-3A	d	Vinyl Chloride	75-01-4	ug/L	8/11/2009	ND	
GU-3A	d	Xylenes, total	1330-20-7	ug/L	8/11/2009	ND	
GU-3A	d	Methylene Bromide	74-95-3	ug/L	8/11/2009	ND	
MW-20	d	Antimony	7440-36-0	mg/L	8/11/2009	ND	
MW-20	d	Antimony	7440-36-0	mg/L	8/11/2009	ND	
MW-20	d	Arsenic	7440-38-2	mg/L	8/11/2009		0.0106
MW-20	d	Arsenic	7440-38-2	mg/L	8/11/2009		0.0109
MW-20	d	Barium	7440-39-3	mg/L	8/11/2009		0.349
MW-20	d	Barium	7440-39-3	mg/L	8/11/2009		0.351
MW-20	d	Beryllium	7440-41-7	mg/L	8/11/2009	ND	
MW-20	d	Beryllium	7440-41-7	mg/L	8/11/2009	ND	
MW-20	d	Cadmium	7440-43-9	mg/L	8/11/2009	ND	
MW-20	d	Cadmium	7440-43-9	mg/L	8/11/2009	ND	
MW-20	d	Chromium	7440-47-3	mg/L	8/11/2009	ND	
MW-20	d	Chromium	7440-47-3	mg/L	8/11/2009	ND	
MW-20	d	Cobalt	7440-48-4	mg/L	8/11/2009	NDX	
MW-20	d	Cobalt	7440-48-4	mg/L	8/11/2009	NDX	
MW-20	d	Copper	7440-50-8	mg/L	8/11/2009	ND	
MW-20	d	Copper	7440-50-8	mg/L	8/11/2009	ND	
MW-20	d	Lead	7439-92-1	mg/L	8/11/2009	ND	
MW-20	d	Lead	7439-92-1	mg/L	8/11/2009	ND	
MW-20	d	Nickel	7440-02-0	mg/L	8/11/2009	ND	
MW-20	d	Nickel	7440-02-0	mg/L	8/11/2009	ND	
MW-20	d	Selenium	7782-49-2	mg/L	8/11/2009	ND	
MW-20	d	Selenium	7782-49-2	mg/L	8/11/2009	ND	
MW-20	d	Silver	7440-22-4	mg/L	8/11/2009	ND	
MW-20	d	Silver	7440-22-4	mg/L	8/11/2009	ND	
MW-20	d	Thallium	7440-28-0	mg/L	8/11/2009	ND	
MW-20	d	Thallium	7440-28-0	mg/L	8/11/2009	ND	
MW-20	d	Vanadium	7440-62-2	mg/L	8/11/2009	ND	
MW-20	d	Vanadium	7440-62-2	mg/L	8/11/2009	ND	
MW-20	d	Zinc	7440-66-6	mg/L	8/11/2009		0.0249
MW-20	d	Zinc	7440-66-6	mg/L	8/11/2009		0.0286
MW-20	d	Acetone	67-64-1	ug/L	8/11/2009	ND	
MW-20	d	Acetone	67-64-1	ug/L	8/11/2009	ND	
MW-20	d	Acrylonitrile	107-13-1	ug/L	8/11/2009	ND	
MW-20	d	Acrylonitrile	107-13-1	ug/L	8/11/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-20	d	Benzene	71-43-2	ug/L	8/11/2009	ND	
MW-20	d	Benzene	71-43-2	ug/L	8/11/2009	ND	
MW-20	d	Bromochloromethane	74-97-5	ug/L	8/11/2009	ND	
MW-20	d	Bromochloromethane	74-97-5	ug/L	8/11/2009	ND	
MW-20	d	Bromodichloromethane	75-27-4	ug/L	8/11/2009	ND	
MW-20	d	Bromodichloromethane	75-27-4	ug/L	8/11/2009	ND	
MW-20	d	Bromoform	75-25-2	ug/L	8/11/2009	ND	
MW-20	d	Bromoform	75-25-2	ug/L	8/11/2009	ND	
MW-20	d	Carbon Disulfide	75-15-0	ug/L	8/11/2009	ND	
MW-20	d	Carbon Disulfide	75-15-0	ug/L	8/11/2009	ND	
MW-20	d	Carbon Tetrachloride	56-23-5	ug/L	8/11/2009	ND	
MW-20	d	Carbon Tetrachloride	56-23-5	ug/L	8/11/2009	ND	
MW-20	d	Chlorobenzene	108-90-7	ug/L	8/11/2009	ND	
MW-20	d	Chlorobenzene	108-90-7	ug/L	8/11/2009	ND	
MW-20	d	Chloroethane	75-00-3	ug/L	8/11/2009	ND	
MW-20	d	Chloroethane	75-00-3	ug/L	8/11/2009	ND	
MW-20	d	Chloroform	67-66-3	ug/L	8/11/2009	ND	
MW-20	d	Chloroform	67-66-3	ug/L	8/11/2009	ND	
MW-20	d	Chlorodibromomethane	124-48-1	ug/L	8/11/2009	ND	
MW-20	d	Chlorodibromomethane	124-48-1	ug/L	8/11/2009	ND	
MW-20	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/11/2009	ND	
MW-20	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/11/2009	ND	
MW-20	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/11/2009	ND	
MW-20	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/11/2009	ND	
MW-20	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/11/2009	ND	
MW-20	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/11/2009	ND	
MW-20	d	1,1-Dichloroethane	75-34-3	ug/L	8/11/2009	ND	
MW-20	d	1,1-Dichloroethane	75-34-3	ug/L	8/11/2009	ND	
MW-20	d	1,2-Dichloroethane	107-06-2	ug/L	8/11/2009	ND	
MW-20	d	1,2-Dichloroethane	107-06-2	ug/L	8/11/2009	ND	
MW-20	d	1,1-Dichloroethene	75-35-4	ug/L	8/11/2009	ND	
MW-20	d	1,1-Dichloroethene	75-35-4	ug/L	8/11/2009	ND	
MW-20	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/11/2009	ND	
MW-20	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/11/2009	ND	
MW-20	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/11/2009	ND	
MW-20	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/11/2009	ND	
MW-20	d	1,2-Dichloropropane	78-87-5	ug/L	8/11/2009	ND	
MW-20	d	1,2-Dichloropropane	78-87-5	ug/L	8/11/2009	ND	
MW-20	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/11/2009	ND	
MW-20	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/11/2009	ND	
MW-20	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/11/2009	ND	
MW-20	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/11/2009	ND	
MW-20	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/11/2009	ND	
MW-20	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/11/2009	ND	
MW-20	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/11/2009	ND	
MW-20	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/11/2009	ND	
MW-20	d	Ethylbenzene	100-41-4	ug/L	8/11/2009	ND	
MW-20	d	Ethylbenzene	100-41-4	ug/L	8/11/2009	ND	
MW-20	d	2-Hexanone	591-78-6	ug/L	8/11/2009	ND	
MW-20	d	2-Hexanone	591-78-6	ug/L	8/11/2009	ND	
MW-20	d	Bromomethane	74-83-9	ug/L	8/11/2009	ND	
MW-20	d	Bromomethane	74-83-9	ug/L	8/11/2009	ND	
MW-20	d	Chloromethane	74-87-3	ug/L	8/11/2009	ND	
MW-20	d	Chloromethane	74-87-3	ug/L	8/11/2009	ND	
MW-20	d	2-Butanone	78-93-3	ug/L	8/11/2009	ND	
MW-20	d	2-Butanone	78-93-3	ug/L	8/11/2009	ND	
MW-20	d	Iodomethane	74-88-4	ug/L	8/11/2009	ND	
MW-20	d	Iodomethane	74-88-4	ug/L	8/11/2009	ND	
MW-20	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/11/2009	ND	
MW-20	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/11/2009	ND	
MW-20	d	Methylene Chloride	75-09-2	ug/L	8/11/2009	ND	
MW-20	d	Methylene Chloride	75-09-2	ug/L	8/11/2009	ND	
MW-20	d	Styrene	100-42-5	ug/L	8/11/2009	ND	
MW-20	d	Styrene	100-42-5	ug/L	8/11/2009	ND	
MW-20	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/11/2009	ND	
MW-20	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/11/2009	ND	
MW-20	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/11/2009	ND	
MW-20	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/11/2009	ND	
MW-20	d	Tetrachloroethene	127-18-4	ug/L	8/11/2009	ND	
MW-20	d	Tetrachloroethene	127-18-4	ug/L	8/11/2009	ND	
MW-20	d	Toluene	108-88-3	ug/L	8/11/2009	ND	
MW-20	d	Toluene	108-88-3	ug/L	8/11/2009	ND	
MW-20	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/11/2009	ND	
MW-20	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/11/2009	ND	
MW-20	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/11/2009	ND	
MW-20	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/11/2009	ND	
MW-20	d	Trichloroethene	79-01-6	ug/L	8/11/2009	ND	
MW-20	d	Trichloroethene	79-01-6	ug/L	8/11/2009	ND	
MW-20	d	Trichlorofluoromethane	75-69-4	ug/L	8/11/2009	ND	
MW-20	d	Trichlorofluoromethane	75-69-4	ug/L	8/11/2009	ND	
MW-20	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/11/2009	ND	
MW-20	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/11/2009	ND	
MW-20	d	Vinyl Acetate	108-05-4	ug/L	8/11/2009	ND	
MW-20	d	Vinyl Acetate	108-05-4	ug/L	8/11/2009	ND	
MW-20	d	Vinyl Chloride	75-01-4	ug/L	8/11/2009	ND	
MW-20	d	Vinyl Chloride	75-01-4	ug/L	8/11/2009	ND	
MW-20	d	Xylenes, total	1330-20-7	ug/L	8/11/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-20	d	Xylenes, total	1330-20-7	ug/L	8/11/2009	ND	
MW-20	d	Methylene Bromide	74-95-3	ug/L	8/11/2009	ND	
MW-20	d	Methylene Bromide	74-95-3	ug/L	8/11/2009	ND	
MW-50	d	Barium	7440-39-3	mg/L	8/11/2009		0.036
MW-50	d	Zinc	7440-66-6	mg/L	8/11/2009		0.0679
MW-56	d	Arsenic	7440-38-2	mg/L	8/11/2009		0.00145
MW-56	d	Barium	7440-39-3	mg/L	8/11/2009		0.476
MW-56	d	Zinc	7440-66-6	mg/L	8/11/2009		0.0617
MW-56	d	Dichlorodifluoromethane	75-71-8	ug/L	8/11/2009		3.21
MW-14R	d	Antimony	7440-36-0	mg/L	8/12/2009	ND	
MW-14R	d	Arsenic	7440-38-2	mg/L	8/12/2009		0.00207
MW-14R	d	Barium	7440-39-3	mg/L	8/12/2009		0.116
MW-14R	d	Beryllium	7440-41-7	mg/L	8/12/2009	ND	
MW-14R	d	Cadmium	7440-43-9	mg/L	8/12/2009	ND	
MW-14R	d	Chromium	7440-47-3	mg/L	8/12/2009	ND	
MW-14R	d	Cobalt	7440-48-4	mg/L	8/12/2009	NDX	
MW-14R	d	Copper	7440-50-8	mg/L	8/12/2009	ND	
MW-14R	d	Lead	7439-92-1	mg/L	8/12/2009	ND	
MW-14R	d	Nickel	7440-02-0	mg/L	8/12/2009	ND	
MW-14R	d	Selenium	7782-49-2	mg/L	8/12/2009	ND	
MW-14R	d	Silver	7440-22-4	mg/L	8/12/2009	ND	
MW-14R	d	Thallium	7440-28-0	mg/L	8/12/2009	ND	
MW-14R	d	Vanadium	7440-62-2	mg/L	8/12/2009	ND	
MW-14R	d	Zinc	7440-66-6	mg/L	8/12/2009		0.0208
MW-14R	d	Mercury	7439-97-6	mg/L	8/12/2009	ND	
MW-14R	d	Tin	7440-31-5	mg/L	8/12/2009	ND	
MW-14R	d	Acetone	67-64-1	ug/L	8/12/2009	ND	
MW-14R	d	Acrylonitrile	107-13-1	ug/L	8/12/2009	ND	
MW-14R	d	Benzene	71-43-2	ug/L	8/12/2009	ND	
MW-14R	d	Bromochloromethane	74-97-5	ug/L	8/12/2009	ND	
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	8/12/2009	ND	
MW-14R	d	Bromoform	75-25-2	ug/L	8/12/2009	ND	
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	8/12/2009	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	8/12/2009	ND	
MW-14R	d	Chlorobenzene	108-90-7	ug/L	8/12/2009	ND	
MW-14R	d	Chloroethane	75-00-3	ug/L	8/12/2009	ND	
MW-14R	d	Chloroform	67-66-3	ug/L	8/12/2009	ND	
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	8/12/2009	ND	
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/12/2009	ND	
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/12/2009	ND	
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/12/2009	ND	
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	8/12/2009	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	8/12/2009	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	8/12/2009	ND	
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/12/2009	ND	
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/12/2009	ND	
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	8/12/2009	ND	
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/12/2009	ND	
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/12/2009	ND	
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/12/2009	ND	
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/12/2009	ND	
MW-14R	d	Ethylbenzene	100-41-4	ug/L	8/12/2009	ND	
MW-14R	d	2-Hexanone	591-78-6	ug/L	8/12/2009	ND	
MW-14R	d	Bromomethane	74-83-9	ug/L	8/12/2009	ND	
MW-14R	d	Chloromethane	74-87-3	ug/L	8/12/2009	ND	
MW-14R	d	2-Butanone	78-93-3	ug/L	8/12/2009	ND	
MW-14R	d	Iodomethane	74-88-4	ug/L	8/12/2009	ND	
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/12/2009	ND	
MW-14R	d	Methylene Chloride	75-09-2	ug/L	8/12/2009	ND	
MW-14R	d	Styrene	100-42-5	ug/L	8/12/2009	ND	
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/12/2009	ND	
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/12/2009	ND	
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	8/12/2009	ND	
MW-14R	d	Toluene	108-88-3	ug/L	8/12/2009	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/12/2009	ND	
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/12/2009	ND	
MW-14R	d	Trichloroethene	79-01-6	ug/L	8/12/2009	ND	
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	8/12/2009	ND	
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/12/2009	ND	
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	8/12/2009	ND	
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	8/12/2009	ND	
MW-14R	d	Xylenes, total	1330-20-7	ug/L	8/12/2009	ND	
MW-14R	d	1,1-Dichloropropene	563-58-6	ug/L	8/12/2009	ND	
MW-14R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	8/12/2009	ND	
MW-14R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	8/12/2009	ND	
MW-14R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	8/12/2009	ND	
MW-14R	d	1,3-Dichlorobenzene	541-73-1	ug/L	8/12/2009	ND	
MW-14R	d	1,3-Dichloropropane	142-28-9	ug/L	8/12/2009	ND	
MW-14R	d	1,3-Dinitrobenzene	99-65-0	ug/L	8/12/2009	ND	
MW-14R	d	1,4-Naphthoquinone	130-15-4	ug/L	8/12/2009	ND	
MW-14R	d	1,4-Phenylenediamine	106-50-3	ug/L	8/12/2009	ND	
MW-14R	d	1-Naphthylamine	134-32-7	ug/L	8/12/2009	ND	
MW-14R	d	2,2-Dichloropropane	594-20-7	ug/L	8/12/2009	ND	
MW-14R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	8/12/2009	ND	
MW-14R	d	2,4,5-T [2C]	93-76-5	ug/L	8/12/2009	ND	
MW-14R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	8/12/2009	ND	
MW-14R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	8/12/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	2,4-D [2C]	94-75-7	ug/L	8/12/2009	ND	
MW-14R	d	2,4-Dichlorophenol	120-83-2	ug/L	8/12/2009	ND	
MW-14R	d	2,4-Dimethylphenol	105-67-9	ug/L	8/12/2009	ND	
MW-14R	d	2,4-Dinitrophenol	51-28-5	ug/L	8/12/2009	ND	
MW-14R	d	2,4-Dinitrotoluene	121-14-2	ug/L	8/12/2009	ND	
MW-14R	d	2,6-Dichlorophenol	87-65-0	ug/L	8/12/2009	ND	
MW-14R	d	2,6-Dinitrotoluene	606-20-2	ug/L	8/12/2009	ND	
MW-14R	d	2-Acetylaminofluorene	53-96-3	ug/L	8/12/2009	ND	
MW-14R	d	2-Chloronaphthalene	91-58-7	ug/L	8/12/2009	ND	
MW-14R	d	2-Chlorophenol	95-57-8	ug/L	8/12/2009	ND	
MW-14R	d	2-Methylnaphthalene	91-57-6	ug/L	8/12/2009	ND	
MW-14R	d	2-Methylphenol	95-48-7	ug/L	8/12/2009	ND	
MW-14R	d	2-Naphthylamine	91-59-8	ug/L	8/12/2009	ND	
MW-14R	d	2-Nitroaniline	88-74-4	ug/L	8/12/2009	ND	
MW-14R	d	2-Nitrophenol	88-75-5	ug/L	8/12/2009	ND	
MW-14R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	8/12/2009	ND	
MW-14R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	8/12/2009	ND	
MW-14R	d	3/4-Methylphenol	T-34MP	ug/L	8/12/2009	ND	
MW-14R	d	3-Methylcholanthrene	56-49-5	ug/L	8/12/2009	ND	
MW-14R	d	3-Nitroaniline	99-09-2	ug/L	8/12/2009	ND	
MW-14R	d	4,4`-DDD	72-54-8	ug/L	8/12/2009	ND	
MW-14R	d	4,4`-DDE	72-55-9	ug/L	8/12/2009	ND	
MW-14R	d	4,4`-DDT	50-29-3	ug/L	8/12/2009	ND	
MW-14R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	8/12/2009	ND	
MW-14R	d	4-Aminobiphenyl	92-67-1	ug/L	8/12/2009	ND	
MW-14R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	8/12/2009	ND	
MW-14R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	8/12/2009	ND	
MW-14R	d	4-Chloroaniline	106-47-8	ug/L	8/12/2009	ND	
MW-14R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	8/12/2009	ND	
MW-14R	d	4-Nitroaniline	100-01-6	ug/L	8/12/2009	ND	
MW-14R	d	4-Nitrophenol	100-02-7	ug/L	8/12/2009	ND	
MW-14R	d	5-Nitro-o-toluidine	99-55-8	ug/L	8/12/2009	ND	
MW-14R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	8/12/2009	ND	
MW-14R	d	Acenaphthene	83-32-9	ug/L	8/12/2009	ND	
MW-14R	d	Acenaphthylene	208-96-8	ug/L	8/12/2009	ND	
MW-14R	d	Acetonitrile	75-05-8	ug/L	8/12/2009	ND	
MW-14R	d	Acetophenone	98-86-2	ug/L	8/12/2009	ND	
MW-14R	d	Acrolein	107-02-8	ug/L	8/12/2009	ND	
MW-14R	d	Aldrin	309-00-2	ug/L	8/12/2009	ND	
MW-14R	d	3-Chloropropene	107-05-1	ug/L	8/12/2009	ND	
MW-14R	d	Alpha-BHC	319-84-6	ug/L	8/12/2009	ND	
MW-14R	d	Anthracene	120-12-7	ug/L	8/12/2009	ND	
MW-14R	d	Benzo [a] anthracene	56-55-3	ug/L	8/12/2009	ND	
MW-14R	d	Benzo [a] pyrene	50-32-8	ug/L	8/12/2009	ND	
MW-14R	d	Benzo [b] fluoranthene	205-99-2	ug/L	8/12/2009	ND	
MW-14R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	8/12/2009	ND	
MW-14R	d	Benzo [k] fluoranthene	207-08-9	ug/L	8/12/2009	ND	
MW-14R	d	Benzyl alcohol	100-51-6	ug/L	8/12/2009	ND	
MW-14R	d	Beta-BHC	319-85-7	ug/L	8/12/2009	ND	
MW-14R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	8/12/2009	ND	
MW-14R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	8/12/2009	ND	
MW-14R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	8/12/2009	ND	
MW-14R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	8/12/2009	ND	
MW-14R	d	Butyl benzyl phthalate	85-68-7	ug/L	8/12/2009	ND	
MW-14R	d	Chlordane	57-74-9	ug/L	8/12/2009	ND	
MW-14R	d	Chlorobenzilate	510-15-6	ug/L	8/12/2009	ND	
MW-14R	d	Chloroprene	126-99-8	ug/L	8/12/2009	ND	
MW-14R	d	Chrysene	218-01-9	ug/L	8/12/2009	ND	
MW-14R	d	Cyanide	57-12-5	mg/L	8/12/2009	ND	
MW-14R	d	Delta-BHC	319-86-8	ug/L	8/12/2009	ND	
MW-14R	d	Diallate [cis or trans]	2303-16-4	ug/L	8/12/2009	ND	
MW-14R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	8/12/2009	ND	
MW-14R	d	Dibenzofuran	132-64-9	ug/L	8/12/2009	ND	
MW-14R	d	Dichlorodifluoromethane	75-71-8	ug/L	8/12/2009	ND	
MW-14R	d	Dieldrin	60-57-1	ug/L	8/12/2009	ND	
MW-14R	d	Diethyl phthalate	84-66-2	ug/L	8/12/2009	ND	
MW-14R	d	Dimethoate	60-51-5	ug/L	8/12/2009	ND	
MW-14R	d	Dimethyl phthalate	131-11-3	ug/L	8/12/2009	ND	
MW-14R	d	Di-n-butyl phthalate	84-74-2	ug/L	8/12/2009	ND	
MW-14R	d	Di-n-octyl phthalate	117-84-0	ug/L	8/12/2009	ND	
MW-14R	d	Dinoseb	88-85-7	ug/L	8/12/2009	ND	
MW-14R	d	Diphenylamine	122-39-4	ug/L	8/12/2009	ND	
MW-14R	d	Disulfoton	298-04-4	ug/L	8/12/2009	ND	
MW-14R	d	Endosulfan I	959-98-8	ug/L	8/12/2009	ND	
MW-14R	d	Endosulfan II	33213-65-9	ug/L	8/12/2009	ND	
MW-14R	d	Endosulfan sulfate	1031-07-8	ug/L	8/12/2009	ND	
MW-14R	d	Endrin	72-20-8	ug/L	8/12/2009	ND	
MW-14R	d	Endrin aldehyde	7421-93-4	ug/L	8/12/2009	ND	
MW-14R	d	Ethyl Methacrylate	97-63-2	ug/L	8/12/2009	ND	
MW-14R	d	Ethyl Methanesulfonate	62-50-0	ug/L	8/12/2009	ND	
MW-14R	d	Famphur	52-85-7	ug/L	8/12/2009	ND	
MW-14R	d	Fluoranthene	206-44-0	ug/L	8/12/2009	ND	
MW-14R	d	Fluorene	86-73-7	ug/L	8/12/2009	ND	
MW-14R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	8/12/2009	ND	
MW-14R	d	Heptachlor	76-44-8	ug/L	8/12/2009	ND	
MW-14R	d	Heptachlor Epoxide	1024-57-3	ug/L	8/12/2009	ND	
MW-14R	d	Hexachlorobenzene	118-74-1	ug/L	8/12/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	Hexachlorobutadiene	87-68-3	ug/L	8/12/2009	ND	
MW-14R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	8/12/2009	ND	
MW-14R	d	Hexachloroethane	67-72-1	ug/L	8/12/2009	ND	
MW-14R	d	Hexachloropropene	1888-71-7	ug/L	8/12/2009	ND	
MW-14R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	8/12/2009	ND	
MW-14R	d	Isobutanol	78-83-1	mg/L	8/12/2009	ND	
MW-14R	d	Isodrin	465-73-6	ug/L	8/12/2009	ND	
MW-14R	d	Isophorone	78-59-1	ug/L	8/12/2009	ND	
MW-14R	d	Isosafrole	120-58-1	ug/L	8/12/2009	ND	
MW-14R	d	Kepone	143-50-0	ug/L	8/12/2009	ND	
MW-14R	d	Methacrylonitrile	126-98-7	ug/L	8/12/2009	ND	
MW-14R	d	Methapyrilene	91-80-5	ug/L	8/12/2009	ND	
MW-14R	d	Methoxychlor	72-43-5	ug/L	8/12/2009	ND	
MW-14R	d	Methyl Methacrylate	80-62-6	ug/L	8/12/2009	ND	
MW-14R	d	Methyl Methanesulfonate	66-27-3	ug/L	8/12/2009	ND	
MW-14R	d	Naphthalene	91-20-3	ug/L	8/12/2009	ND	
MW-14R	d	Nitrobenzene	98-95-3	ug/L	8/12/2009	ND	
MW-14R	d	N-Nitrosodiethylamine	55-18-5	ug/L	8/12/2009	ND	
MW-14R	d	N-Nitrosodimethylamine	62-75-9	ug/L	8/12/2009	ND	
MW-14R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	8/12/2009	ND	
MW-14R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	8/12/2009	ND	
MW-14R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	8/12/2009	ND	
MW-14R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	8/12/2009	ND	
MW-14R	d	N-Nitrosopiperidine	100-75-4	ug/L	8/12/2009	ND	
MW-14R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	8/12/2009	ND	
MW-14R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	8/12/2009	ND	
MW-14R	d	o-Toluidine	95-53-4	ug/L	8/12/2009	ND	
MW-14R	d	Dimethylaminoazobenzene	60-11-7	ug/L	8/12/2009	ND	
MW-14R	d	Parathion-Ethyl	56-38-2	ug/L	8/12/2009	ND	
MW-14R	d	Parathion-Methyl	298-00-0	ug/L	8/12/2009	ND	
MW-14R	d	PCB-1016	12674-11-2	ug/L	8/12/2009	ND	
MW-14R	d	PCB-1221	11104-28-2	ug/L	8/12/2009	ND	
MW-14R	d	PCB-1232	11141-16-5	ug/L	8/12/2009	ND	
MW-14R	d	PCB-1242	53469-21-9	ug/L	8/12/2009	ND	
MW-14R	d	PCB-1248	12672-29-6	ug/L	8/12/2009	ND	
MW-14R	d	PCB-1254	11097-69-1	ug/L	8/12/2009	ND	
MW-14R	d	PCB-1260	11096-82-5	ug/L	8/12/2009	ND	
MW-14R	d	Pentachlorobenzene	608-93-5	ug/L	8/12/2009	ND	
MW-14R	d	Pentachloronitrobenzene	82-68-8	ug/L	8/12/2009	ND	
MW-14R	d	Pentachlorophenol [2C]	87-86-5	ug/L	8/12/2009	ND	
MW-14R	d	Phenacetin	62-44-2	ug/L	8/12/2009	ND	
MW-14R	d	Phenanthrene	85-01-8	ug/L	8/12/2009	ND	
MW-14R	d	Phenol	108-95-2	ug/L	8/12/2009	ND	
MW-14R	d	Phorate	298-02-2	ug/L	8/12/2009	ND	
MW-14R	d	Pronamide	23950-58-5	ug/L	8/12/2009	ND	
MW-14R	d	Propionitrile	107-12-0	ug/L	8/12/2009	ND	
MW-14R	d	Pyrene	129-00-0	ug/L	8/12/2009	ND	
MW-14R	d	Safrole	94-59-7	ug/L	8/12/2009	ND	
MW-14R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	8/12/2009	ND	
MW-14R	d	Sulfide	18496-25-8	mg/L	8/12/2009	ND	
MW-14R	d	Thionazin	297-97-2	ug/L	8/12/2009	ND	
MW-14R	d	Toxaphene	8001-35-2	ug/L	8/12/2009	ND	
MW-14R	d	Methylene Bromide	74-95-3	ug/L	8/12/2009	ND	
MW-21	d	Antimony	7440-36-0	mg/L	9/9/2009	ND	
MW-21	d	Arsenic	7440-38-2	mg/L	9/9/2009		0.024
MW-21	d	Barium	7440-39-3	mg/L	9/9/2009		0.925
MW-21	d	Beryllium	7440-41-7	mg/L	9/9/2009	ND	
MW-21	d	Cadmium	7440-43-9	mg/L	9/9/2009	ND	
MW-21	d	Chromium	7440-47-3	mg/L	9/9/2009	ND	
MW-21	d	Cobalt	7440-48-4	mg/L	9/9/2009	NDX	
MW-21	d	Copper	7440-50-8	mg/L	9/9/2009	ND	
MW-21	d	Lead	7439-92-1	mg/L	9/9/2009	ND	
MW-21	d	Nickel	7440-02-0	mg/L	9/9/2009	ND	
MW-21	d	Selenium	7782-49-2	mg/L	9/9/2009	ND	
MW-21	d	Silver	7440-22-4	mg/L	9/9/2009	ND	
MW-21	d	Thallium	7440-28-0	mg/L	9/9/2009	ND	
MW-21	d	Vanadium	7440-62-2	mg/L	9/9/2009	ND	
MW-21	d	Zinc	7440-66-6	mg/L	9/9/2009		0.107
MW-21	d	Acetone	67-64-1	ug/L	9/9/2009	ND	
MW-21	d	Acrylonitrile	107-13-1	ug/L	9/9/2009	ND	
MW-21	d	Benzene	71-43-2	ug/L	9/9/2009	ND	
MW-21	d	Bromochloromethane	74-97-5	ug/L	9/9/2009	ND	
MW-21	d	Bromodichloromethane	75-27-4	ug/L	9/9/2009	ND	
MW-21	d	Bromoform	75-25-2	ug/L	9/9/2009	ND	
MW-21	d	Carbon Disulfide	75-15-0	ug/L	9/9/2009	ND	
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	9/9/2009	ND	
MW-21	d	Chlorobenzene	108-90-7	ug/L	9/9/2009	ND	
MW-21	d	Chloroethane	75-00-3	ug/L	9/9/2009	ND	
MW-21	d	Chloroform	67-66-3	ug/L	9/9/2009	ND	
MW-21	d	Chlorodibromomethane	124-48-1	ug/L	9/9/2009	ND	
MW-21	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/9/2009	ND	
MW-21	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/9/2009	ND	
MW-21	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/9/2009	ND	
MW-21	d	1,1-Dichloroethane	75-34-3	ug/L	9/9/2009	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	9/9/2009	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	9/9/2009	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/9/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/9/2009	ND	
MW-21	d	1,2-Dichloropropane	78-87-5	ug/L	9/9/2009	ND	
MW-21	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/9/2009	ND	
MW-21	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/9/2009	ND	
MW-21	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/9/2009	ND	
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/9/2009	ND	
MW-21	d	Ethylbenzene	100-41-4	ug/L	9/9/2009	ND	
MW-21	d	2-Hexanone	591-78-6	ug/L	9/9/2009	ND	
MW-21	d	Bromomethane	74-83-9	ug/L	9/9/2009	ND	
MW-21	d	Chloromethane	74-87-3	ug/L	9/9/2009	ND	
MW-21	d	2-Butanone	78-93-3	ug/L	9/9/2009	ND	
MW-21	d	Iodomethane	74-88-4	ug/L	9/9/2009	ND	
MW-21	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/9/2009	ND	
MW-21	d	Methylene Chloride	75-09-2	ug/L	9/9/2009	ND	
MW-21	d	Styrene	100-42-5	ug/L	9/9/2009	ND	
MW-21	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/9/2009	ND	
MW-21	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/9/2009	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	9/9/2009	ND	
MW-21	d	Toluene	108-88-3	ug/L	9/9/2009	ND	
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/9/2009	ND	
MW-21	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/9/2009	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	9/9/2009	ND	
MW-21	d	Trichlorofluoromethane	75-69-4	ug/L	9/9/2009	ND	
MW-21	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/9/2009	ND	
MW-21	d	Vinyl Acetate	108-05-4	ug/L	9/9/2009	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	9/9/2009	ND	
MW-21	d	Xylenes, total	1330-20-7	ug/L	9/9/2009	ND	
MW-21	d	Methylene Bromide	74-95-3	ug/L	9/9/2009	ND	
MW-28	d	Arsenic	7440-38-2	mg/L	9/9/2009		0.00636
MW-28	d	Barium	7440-39-3	mg/L	9/9/2009		0.0805
MW-28	d	Zinc	7440-66-6	mg/L	9/9/2009		0.0329
MW-33R	d	Arsenic	7440-38-2	mg/L	9/9/2009		0.00786
MW-33R	d	Barium	7440-39-3	mg/L	9/9/2009		0.319
MW-33R	d	Cadmium	7440-43-9	mg/L	9/9/2009		0.0009
MW-33R	d	Zinc	7440-66-6	mg/L	9/9/2009		0.0415
MW-57	d	Arsenic	7440-38-2	mg/L	9/9/2009		0.0266
MW-57	d	Arsenic	7440-38-2	mg/L	9/9/2009		0.0271
MW-57	d	Barium	7440-39-3	mg/L	9/9/2009		0.746
MW-57	d	Barium	7440-39-3	mg/L	9/9/2009		0.745
MW-57	d	Cobalt	7440-48-4	mg/L	9/9/2009		0.0433
MW-57	d	Cobalt	7440-48-4	mg/L	9/9/2009		0.0423
MW-57	d	Zinc	7440-66-6	mg/L	9/9/2009		0.0879
MW-57	d	Zinc	7440-66-6	mg/L	9/9/2009		0.09
MW-57	d	Benzene	71-43-2	ug/L	9/9/2009		1.08
MW-57	d	Benzene	71-43-2	ug/L	9/9/2009		1.07
GU-3A	d	Antimony	7440-36-0	mg/L	10/2/2009	ND	
GU-3A	d	Arsenic	7440-38-2	mg/L	10/2/2009		0.00992
GU-3A	d	Barium	7440-39-3	mg/L	10/2/2009		0.367
GU-3A	d	Beryllium	7440-41-7	mg/L	10/2/2009	ND	
GU-3A	d	Cadmium	7440-43-9	mg/L	10/2/2009	ND	
GU-3A	d	Chromium	7440-47-3	mg/L	10/2/2009	ND	
GU-3A	d	Cobalt	7440-48-4	mg/L	10/2/2009	NDX	
GU-3A	d	Copper	7440-50-8	mg/L	10/2/2009	ND	
GU-3A	d	Lead	7439-92-1	mg/L	10/2/2009	ND	
GU-3A	d	Nickel	7440-02-0	mg/L	10/2/2009	ND	
GU-3A	d	Selenium	7782-49-2	mg/L	10/2/2009	ND	
GU-3A	d	Silver	7440-22-4	mg/L	10/2/2009	ND	
GU-3A	d	Thallium	7440-28-0	mg/L	10/2/2009	ND	
GU-3A	d	Vanadium	7440-62-2	mg/L	10/2/2009	ND	
GU-3A	d	Zinc	7440-66-6	mg/L	10/2/2009		0.121
GU-3A	d	Acetone	67-64-1	ug/L	10/2/2009	ND	
GU-3A	d	Acrylonitrile	107-13-1	ug/L	10/2/2009	ND	
GU-3A	d	Benzene	71-43-2	ug/L	10/2/2009		5.02
GU-3A	d	Bromochloromethane	74-97-5	ug/L	10/2/2009	ND	
GU-3A	d	Bromodichloromethane	75-27-4	ug/L	10/2/2009	ND	
GU-3A	d	Bromoform	75-25-2	ug/L	10/2/2009	ND	
GU-3A	d	Carbon Disulfide	75-15-0	ug/L	10/2/2009	ND	
GU-3A	d	Carbon Tetrachloride	56-23-5	ug/L	10/2/2009	ND	
GU-3A	d	Chlorobenzene	108-90-7	ug/L	10/2/2009	ND	
GU-3A	d	Chloroethane	75-00-3	ug/L	10/2/2009	ND	
GU-3A	d	Chloroform	67-66-3	ug/L	10/2/2009	ND	
GU-3A	d	Chlorodibromomethane	124-48-1	ug/L	10/2/2009	ND	
GU-3A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/2/2009	ND	
GU-3A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/2/2009	ND	
GU-3A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/2/2009	ND	
GU-3A	d	1,1-Dichloroethane	75-34-3	ug/L	10/2/2009		1.93
GU-3A	d	1,2-Dichloroethane	107-06-2	ug/L	10/2/2009	ND	
GU-3A	d	1,1-Dichloroethene	75-35-4	ug/L	10/2/2009	ND	
GU-3A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/2/2009		2.08
GU-3A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/2/2009	ND	
GU-3A	d	1,2-Dichloropropane	78-87-5	ug/L	10/2/2009	ND	
GU-3A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/2/2009	ND	
GU-3A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/2/2009	ND	
GU-3A	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/2/2009	ND	
GU-3A	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/2/2009	ND	
GU-3A	d	Ethylbenzene	100-41-4	ug/L	10/2/2009	ND	
GU-3A	d	2-Hexanone	591-78-6	ug/L	10/2/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
GU-3A	d	Bromomethane	74-83-9	ug/L	10/2/2009	ND	
GU-3A	d	Chloromethane	74-87-3	ug/L	10/2/2009	ND	
GU-3A	d	2-Butanone	78-93-3	ug/L	10/2/2009	ND	
GU-3A	d	Iodomethane	74-88-4	ug/L	10/2/2009	ND	
GU-3A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/2/2009	ND	
GU-3A	d	Methylene Chloride	75-09-2	ug/L	10/2/2009	ND	
GU-3A	d	Styrene	100-42-5	ug/L	10/2/2009	ND	
GU-3A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/2/2009	ND	
GU-3A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/2/2009	ND	
GU-3A	d	Tetrachloroethene	127-18-4	ug/L	10/2/2009	ND	
GU-3A	d	Toluene	108-88-3	ug/L	10/2/2009	ND	
GU-3A	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/2/2009	ND	
GU-3A	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/2/2009	ND	
GU-3A	d	Trichloroethene	79-01-6	ug/L	10/2/2009	ND	
GU-3A	d	Trichlorofluoromethane	75-69-4	ug/L	10/2/2009	ND	
GU-3A	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/2/2009	ND	
GU-3A	d	Vinyl Acetate	108-05-4	ug/L	10/2/2009	ND	
GU-3A	d	Vinyl Chloride	75-01-4	ug/L	10/2/2009		3.61
GU-3A	d	Xylenes, total	1330-20-7	ug/L	10/2/2009	ND	
GU-3A	d	Methylene Bromide	74-95-3	ug/L	10/2/2009	ND	
MW-14R	d	Antimony	7440-36-0	mg/L	10/2/2009	ND	
MW-14R	d	Antimony	7440-36-0	mg/L	10/2/2009	ND	
MW-14R	d	Arsenic	7440-38-2	mg/L	10/2/2009		0.0051
MW-14R	d	Arsenic	7440-38-2	mg/L	10/2/2009		0.00485
MW-14R	d	Barium	7440-39-3	mg/L	10/2/2009		0.125
MW-14R	d	Barium	7440-39-3	mg/L	10/2/2009		0.122
MW-14R	d	Beryllium	7440-41-7	mg/L	10/2/2009	ND	
MW-14R	d	Beryllium	7440-41-7	mg/L	10/2/2009	ND	
MW-14R	d	Cadmium	7440-43-9	mg/L	10/2/2009	ND	
MW-14R	d	Cadmium	7440-43-9	mg/L	10/2/2009	ND	
MW-14R	d	Chromium	7440-47-3	mg/L	10/2/2009	ND	
MW-14R	d	Chromium	7440-47-3	mg/L	10/2/2009	ND	
MW-14R	d	Cobalt	7440-48-4	mg/L	10/2/2009	NDX	
MW-14R	d	Cobalt	7440-48-4	mg/L	10/2/2009	NDX	
MW-14R	d	Copper	7440-50-8	mg/L	10/2/2009	ND	
MW-14R	d	Copper	7440-50-8	mg/L	10/2/2009	ND	
MW-14R	d	Lead	7439-92-1	mg/L	10/2/2009	ND	
MW-14R	d	Lead	7439-92-1	mg/L	10/2/2009	ND	
MW-14R	d	Nickel	7440-02-0	mg/L	10/2/2009	ND	
MW-14R	d	Nickel	7440-02-0	mg/L	10/2/2009	ND	
MW-14R	d	Selenium	7782-49-2	mg/L	10/2/2009	ND	
MW-14R	d	Selenium	7782-49-2	mg/L	10/2/2009	ND	
MW-14R	d	Silver	7440-22-4	mg/L	10/2/2009	ND	
MW-14R	d	Silver	7440-22-4	mg/L	10/2/2009	ND	
MW-14R	d	Thallium	7440-28-0	mg/L	10/2/2009	ND	
MW-14R	d	Thallium	7440-28-0	mg/L	10/2/2009	ND	
MW-14R	d	Vanadium	7440-62-2	mg/L	10/2/2009	ND	
MW-14R	d	Vanadium	7440-62-2	mg/L	10/2/2009	ND	
MW-14R	d	Zinc	7440-66-6	mg/L	10/2/2009		0.0228
MW-14R	d	Zinc	7440-66-6	mg/L	10/2/2009		0.0212
MW-14R	d	Acetone	67-64-1	ug/L	10/2/2009	ND	
MW-14R	d	Acetone	67-64-1	ug/L	10/2/2009	ND	
MW-14R	d	Acrylonitrile	107-13-1	ug/L	10/2/2009	ND	
MW-14R	d	Acrylonitrile	107-13-1	ug/L	10/2/2009	ND	
MW-14R	d	Benzene	71-43-2	ug/L	10/2/2009	ND	
MW-14R	d	Benzene	71-43-2	ug/L	10/2/2009	ND	
MW-14R	d	Bromochloromethane	74-97-5	ug/L	10/2/2009	ND	
MW-14R	d	Bromochloromethane	74-97-5	ug/L	10/2/2009	ND	
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	10/2/2009	ND	
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	10/2/2009	ND	
MW-14R	d	Bromoform	75-25-2	ug/L	10/2/2009	ND	
MW-14R	d	Bromoform	75-25-2	ug/L	10/2/2009	ND	
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	10/2/2009	ND	
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	10/2/2009	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	10/2/2009	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	10/2/2009	ND	
MW-14R	d	Chlorobenzene	108-90-7	ug/L	10/2/2009	ND	
MW-14R	d	Chlorobenzene	108-90-7	ug/L	10/2/2009	ND	
MW-14R	d	Chloroethane	75-00-3	ug/L	10/2/2009	ND	
MW-14R	d	Chloroethane	75-00-3	ug/L	10/2/2009	ND	
MW-14R	d	Chloroform	67-66-3	ug/L	10/2/2009	ND	
MW-14R	d	Chloroform	67-66-3	ug/L	10/2/2009	ND	
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	10/2/2009	ND	
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	10/2/2009	ND	
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/2/2009	ND	
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/2/2009	ND	
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/2/2009	ND	
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/2/2009	ND	
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/2/2009	ND	
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/2/2009	ND	
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	10/2/2009	ND	
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	10/2/2009	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	10/2/2009	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	10/2/2009	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	10/2/2009	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	10/2/2009	ND	
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/2/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/2/2009	ND	
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/2/2009	ND	
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/2/2009	ND	
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	10/2/2009	ND	
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	10/2/2009	ND	
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/2/2009	ND	
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/2/2009	ND	
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/2/2009	ND	
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/2/2009	ND	
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/2/2009	ND	
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/2/2009	ND	
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/2/2009	ND	
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/2/2009	ND	
MW-14R	d	Ethylbenzene	100-41-4	ug/L	10/2/2009	ND	
MW-14R	d	Ethylbenzene	100-41-4	ug/L	10/2/2009	ND	
MW-14R	d	2-Hexanone	591-78-6	ug/L	10/2/2009	ND	
MW-14R	d	2-Hexanone	591-78-6	ug/L	10/2/2009	ND	
MW-14R	d	Bromomethane	74-83-9	ug/L	10/2/2009	ND	
MW-14R	d	Bromomethane	74-83-9	ug/L	10/2/2009	ND	
MW-14R	d	Chloromethane	74-87-3	ug/L	10/2/2009	ND	
MW-14R	d	Chloromethane	74-87-3	ug/L	10/2/2009	ND	
MW-14R	d	2-Butanone	78-93-3	ug/L	10/2/2009	ND	
MW-14R	d	2-Butanone	78-93-3	ug/L	10/2/2009	ND	
MW-14R	d	Iodomethane	74-88-4	ug/L	10/2/2009	ND	
MW-14R	d	Iodomethane	74-88-4	ug/L	10/2/2009	ND	
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/2/2009	ND	
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/2/2009	ND	
MW-14R	d	Methylene Chloride	75-09-2	ug/L	10/2/2009	ND	
MW-14R	d	Methylene Chloride	75-09-2	ug/L	10/2/2009	ND	
MW-14R	d	Styrene	100-42-5	ug/L	10/2/2009	ND	
MW-14R	d	Styrene	100-42-5	ug/L	10/2/2009	ND	
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/2/2009	ND	
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/2/2009	ND	
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/2/2009	ND	
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/2/2009	ND	
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	10/2/2009	ND	
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	10/2/2009	ND	
MW-14R	d	Toluene	108-88-3	ug/L	10/2/2009	ND	
MW-14R	d	Toluene	108-88-3	ug/L	10/2/2009	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/2/2009	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/2/2009	ND	
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/2/2009	ND	
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/2/2009	ND	
MW-14R	d	Trichloroethene	79-01-6	ug/L	10/2/2009	ND	
MW-14R	d	Trichloroethene	79-01-6	ug/L	10/2/2009	ND	
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	10/2/2009	ND	
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	10/2/2009	ND	
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/2/2009	ND	
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/2/2009	ND	
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	10/2/2009	ND	
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	10/2/2009	ND	
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	10/2/2009	ND	
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	10/2/2009	ND	
MW-14R	d	Xylenes, total	1330-20-7	ug/L	10/2/2009	ND	
MW-14R	d	Xylenes, total	1330-20-7	ug/L	10/2/2009	ND	
MW-14R	d	Methylene Bromide	74-95-3	ug/L	10/2/2009	ND	
MW-14R	d	Methylene Bromide	74-95-3	ug/L	10/2/2009	ND	
MW-30R	d	Antimony	7440-36-0	mg/L	10/2/2009	ND	
MW-30R	d	Arsenic	7440-38-2	mg/L	10/2/2009		0.0154
MW-30R	d	Barium	7440-39-3	mg/L	10/2/2009		0.792
MW-30R	d	Beryllium	7440-41-7	mg/L	10/2/2009	ND	
MW-30R	d	Cadmium	7440-43-9	mg/L	10/2/2009	ND	
MW-30R	d	Chromium	7440-47-3	mg/L	10/2/2009	ND	
MW-30R	d	Cobalt	7440-48-4	mg/L	10/2/2009	NDX	
MW-30R	d	Copper	7440-50-8	mg/L	10/2/2009	ND	
MW-30R	d	Lead	7439-92-1	mg/L	10/2/2009	ND	
MW-30R	d	Nickel	7440-02-0	mg/L	10/2/2009	ND	
MW-30R	d	Selenium	7782-49-2	mg/L	10/2/2009	ND	
MW-30R	d	Silver	7440-22-4	mg/L	10/2/2009	ND	
MW-30R	d	Thallium	7440-28-0	mg/L	10/2/2009	ND	
MW-30R	d	Vanadium	7440-62-2	mg/L	10/2/2009	ND	
MW-30R	d	Zinc	7440-66-6	mg/L	10/2/2009		0.0659
MW-30R	d	Acetone	67-64-1	ug/L	10/2/2009	ND	
MW-30R	d	Acrylonitrile	107-13-1	ug/L	10/2/2009	ND	
MW-30R	d	Benzene	71-43-2	ug/L	10/2/2009		0.77
MW-30R	d	Bromochloromethane	74-97-5	ug/L	10/2/2009	ND	
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	10/2/2009	ND	
MW-30R	d	Bromoform	75-25-2	ug/L	10/2/2009	ND	
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	10/2/2009	ND	
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	10/2/2009	ND	
MW-30R	d	Chlorobenzene	108-90-7	ug/L	10/2/2009	ND	
MW-30R	d	Chloroethane	75-00-3	ug/L	10/2/2009	ND	
MW-30R	d	Chloroform	67-66-3	ug/L	10/2/2009	ND	
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	10/2/2009	ND	
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/2/2009	ND	
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/2/2009	ND	
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/2/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	10/2/2009		5.58
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	10/2/2009	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	10/2/2009	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/2/2009		68.7
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/2/2009		3.18
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	10/2/2009	ND	
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/2/2009	ND	
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/2/2009	ND	
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/2/2009	ND	
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/2/2009	ND	
MW-30R	d	Ethylbenzene	100-41-4	ug/L	10/2/2009	ND	
MW-30R	d	2-Hexanone	591-78-6	ug/L	10/2/2009	ND	
MW-30R	d	Bromomethane	74-83-9	ug/L	10/2/2009	ND	
MW-30R	d	Chloromethane	74-87-3	ug/L	10/2/2009	ND	
MW-30R	d	2-Butanone	78-93-3	ug/L	10/2/2009	ND	
MW-30R	d	Iodomethane	74-88-4	ug/L	10/2/2009	ND	
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/2/2009	ND	
MW-30R	d	Methylene Chloride	75-09-2	ug/L	10/2/2009	ND	
MW-30R	d	Styrene	100-42-5	ug/L	10/2/2009	ND	
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/2/2009	ND	
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/2/2009	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	10/2/2009	ND	
MW-30R	d	Toluene	108-88-3	ug/L	10/2/2009	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/2/2009	ND	
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/2/2009	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	10/2/2009		5.89
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	10/2/2009	ND	
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/2/2009	ND	
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	10/2/2009	ND	
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	10/2/2009		9.82
MW-30R	d	Xylenes, total	1330-20-7	ug/L	10/2/2009	ND	
MW-30R	d	Methylene Bromide	74-95-3	ug/L	10/2/2009	ND	
MW-31R	d	Antimony	7440-36-0	mg/L	10/2/2009	ND	
MW-31R	d	Arsenic	7440-38-2	mg/L	10/2/2009	ND	
MW-31R	d	Barium	7440-39-3	mg/L	10/2/2009		0.418
MW-31R	d	Beryllium	7440-41-7	mg/L	10/2/2009	ND	
MW-31R	d	Cadmium	7440-43-9	mg/L	10/2/2009	ND	
MW-31R	d	Chromium	7440-47-3	mg/L	10/2/2009	ND	
MW-31R	d	Cobalt	7440-48-4	mg/L	10/2/2009	NDX	
MW-31R	d	Copper	7440-50-8	mg/L	10/2/2009	ND	
MW-31R	d	Lead	7439-92-1	mg/L	10/2/2009		0.00401
MW-31R	d	Nickel	7440-02-0	mg/L	10/2/2009	ND	
MW-31R	d	Selenium	7782-49-2	mg/L	10/2/2009	ND	
MW-31R	d	Silver	7440-22-4	mg/L	10/2/2009	ND	
MW-31R	d	Thallium	7440-28-0	mg/L	10/2/2009	ND	
MW-31R	d	Vanadium	7440-62-2	mg/L	10/2/2009	ND	
MW-31R	d	Zinc	7440-66-6	mg/L	10/2/2009		0.0396
MW-31R	d	Acetone	67-64-1	ug/L	10/2/2009	ND	
MW-31R	d	Acrylonitrile	107-13-1	ug/L	10/2/2009	ND	
MW-31R	d	Benzene	71-43-2	ug/L	10/2/2009	ND	
MW-31R	d	Bromochloromethane	74-97-5	ug/L	10/2/2009	ND	
MW-31R	d	Bromodichloromethane	75-27-4	ug/L	10/2/2009	ND	
MW-31R	d	Bromoform	75-25-2	ug/L	10/2/2009	ND	
MW-31R	d	Carbon Disulfide	75-15-0	ug/L	10/2/2009	ND	
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	10/2/2009	ND	
MW-31R	d	Chlorobenzene	108-90-7	ug/L	10/2/2009	ND	
MW-31R	d	Chloroethane	75-00-3	ug/L	10/2/2009	ND	
MW-31R	d	Chloroform	67-66-3	ug/L	10/2/2009	ND	
MW-31R	d	Chlorodibromomethane	124-48-1	ug/L	10/2/2009	ND	
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/2/2009	ND	
MW-31R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/2/2009	ND	
MW-31R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/2/2009	ND	
MW-31R	d	1,1-Dichloroethane	75-34-3	ug/L	10/2/2009	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	10/2/2009	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	10/2/2009	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/2/2009	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/2/2009	ND	
MW-31R	d	1,2-Dichloropropane	78-87-5	ug/L	10/2/2009	ND	
MW-31R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/2/2009	ND	
MW-31R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/2/2009	ND	
MW-31R	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/2/2009	ND	
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/2/2009	ND	
MW-31R	d	Ethylbenzene	100-41-4	ug/L	10/2/2009	ND	
MW-31R	d	2-Hexanone	591-78-6	ug/L	10/2/2009	ND	
MW-31R	d	Bromomethane	74-83-9	ug/L	10/2/2009	ND	
MW-31R	d	Chloromethane	74-87-3	ug/L	10/2/2009	ND	
MW-31R	d	2-Butanone	78-93-3	ug/L	10/2/2009	ND	
MW-31R	d	Iodomethane	74-88-4	ug/L	10/2/2009	ND	
MW-31R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/2/2009	ND	
MW-31R	d	Methylene Chloride	75-09-2	ug/L	10/2/2009	ND	
MW-31R	d	Styrene	100-42-5	ug/L	10/2/2009	ND	
MW-31R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/2/2009	ND	
MW-31R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/2/2009	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	10/2/2009	ND	
MW-31R	d	Toluene	108-88-3	ug/L	10/2/2009	ND	
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/2/2009	ND	
MW-31R	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/2/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	Trichloroethene	79-01-6	ug/L	10/2/2009	ND	
MW-31R	d	Trichlorofluoromethane	75-69-4	ug/L	10/2/2009	ND	
MW-31R	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/2/2009	ND	
MW-31R	d	Vinyl Acetate	108-05-4	ug/L	10/2/2009	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	10/2/2009	ND	
MW-31R	d	Xylenes, total	1330-20-7	ug/L	10/2/2009	ND	
MW-31R	d	Methylene Bromide	74-95-3	ug/L	10/2/2009	ND	
MW-32R	d	Antimony	7440-36-0	mg/L	10/2/2009	ND	
MW-32R	d	Arsenic	7440-38-2	mg/L	10/2/2009		0.00155
MW-32R	d	Barium	7440-39-3	mg/L	10/2/2009		0.502
MW-32R	d	Beryllium	7440-41-7	mg/L	10/2/2009		0.00268
MW-32R	d	Cadmium	7440-43-9	mg/L	10/2/2009		0.00181
MW-32R	d	Chromium	7440-47-3	mg/L	10/2/2009	ND	
MW-32R	d	Cobalt	7440-48-4	mg/L	10/2/2009	NDX	
MW-32R	d	Copper	7440-50-8	mg/L	10/2/2009	ND	
MW-32R	d	Lead	7439-92-1	mg/L	10/2/2009		0.0322
MW-32R	d	Nickel	7440-02-0	mg/L	10/2/2009	ND	
MW-32R	d	Selenium	7782-49-2	mg/L	10/2/2009	ND	
MW-32R	d	Silver	7440-22-4	mg/L	10/2/2009	ND	
MW-32R	d	Thallium	7440-28-0	mg/L	10/2/2009	ND	
MW-32R	d	Vanadium	7440-62-2	mg/L	10/2/2009		0.0572
MW-32R	d	Zinc	7440-66-6	mg/L	10/2/2009		0.101
MW-32R	d	Acetone	67-64-1	ug/L	10/2/2009	ND	
MW-32R	d	Acrylonitrile	107-13-1	ug/L	10/2/2009	ND	
MW-32R	d	Benzene	71-43-2	ug/L	10/2/2009	ND	
MW-32R	d	Bromochloromethane	74-97-5	ug/L	10/2/2009	ND	
MW-32R	d	Bromodichloromethane	75-27-4	ug/L	10/2/2009	ND	
MW-32R	d	Bromoform	75-25-2	ug/L	10/2/2009	ND	
MW-32R	d	Carbon Disulfide	75-15-0	ug/L	10/2/2009	ND	
MW-32R	d	Carbon Tetrachloride	56-23-5	ug/L	10/2/2009	ND	
MW-32R	d	Chlorobenzene	108-90-7	ug/L	10/2/2009	ND	
MW-32R	d	Chloroethane	75-00-3	ug/L	10/2/2009	ND	
MW-32R	d	Chloroform	67-66-3	ug/L	10/2/2009	ND	
MW-32R	d	Chlorodibromomethane	124-48-1	ug/L	10/2/2009	ND	
MW-32R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/2/2009	ND	
MW-32R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/2/2009	ND	
MW-32R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/2/2009	ND	
MW-32R	d	1,1-Dichloroethane	75-34-3	ug/L	10/2/2009	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	10/2/2009	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	10/2/2009	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/2/2009	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/2/2009	ND	
MW-32R	d	1,2-Dichloropropane	78-87-5	ug/L	10/2/2009	ND	
MW-32R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/2/2009	ND	
MW-32R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/2/2009	ND	
MW-32R	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/2/2009	ND	
MW-32R	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/2/2009	ND	
MW-32R	d	Ethylbenzene	100-41-4	ug/L	10/2/2009	ND	
MW-32R	d	2-Hexanone	591-78-6	ug/L	10/2/2009	ND	
MW-32R	d	Bromomethane	74-83-9	ug/L	10/2/2009	ND	
MW-32R	d	Chloromethane	74-87-3	ug/L	10/2/2009	ND	
MW-32R	d	2-Butanone	78-93-3	ug/L	10/2/2009	ND	
MW-32R	d	Iodomethane	74-88-4	ug/L	10/2/2009	ND	
MW-32R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/2/2009	ND	
MW-32R	d	Methylene Chloride	75-09-2	ug/L	10/2/2009	ND	
MW-32R	d	Styrene	100-42-5	ug/L	10/2/2009	ND	
MW-32R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/2/2009	ND	
MW-32R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/2/2009	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	10/2/2009	ND	
MW-32R	d	Toluene	108-88-3	ug/L	10/2/2009	ND	
MW-32R	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/2/2009	ND	
MW-32R	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/2/2009	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	10/2/2009	ND	
MW-32R	d	Trichlorofluoromethane	75-69-4	ug/L	10/2/2009	ND	
MW-32R	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/2/2009	ND	
MW-32R	d	Vinyl Acetate	108-05-4	ug/L	10/2/2009	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	10/2/2009	ND	
MW-32R	d	Xylenes, total	1330-20-7	ug/L	10/2/2009	ND	
MW-32R	d	Methylene Bromide	74-95-3	ug/L	10/2/2009	ND	
GU-3A	d	Antimony	7440-36-0	mg/L	10/19/2009	ND	
GU-3A	d	Arsenic	7440-38-2	mg/L	10/19/2009		0.00579
GU-3A	d	Barium	7440-39-3	mg/L	10/19/2009		0.53
GU-3A	d	Beryllium	7440-41-7	mg/L	10/19/2009	ND	
GU-3A	d	Cadmium	7440-43-9	mg/L	10/19/2009		0.000816
GU-3A	d	Chromium	7440-47-3	mg/L	10/19/2009	ND	
GU-3A	d	Cobalt	7440-48-4	mg/L	10/19/2009	NDX	
GU-3A	d	Copper	7440-50-8	mg/L	10/19/2009	ND	
GU-3A	d	Lead	7439-92-1	mg/L	10/19/2009	ND	
GU-3A	d	Nickel	7440-02-0	mg/L	10/19/2009	ND	
GU-3A	d	Selenium	7782-49-2	mg/L	10/19/2009	ND	
GU-3A	d	Silver	7440-22-4	mg/L	10/19/2009	ND	
GU-3A	d	Thallium	7440-28-0	mg/L	10/19/2009	ND	
GU-3A	d	Vanadium	7440-62-2	mg/L	10/19/2009	ND	
GU-3A	d	Zinc	7440-66-6	mg/L	10/19/2009		0.102
GU-3A	d	Acetone	67-64-1	ug/L	10/19/2009	ND	
GU-3A	d	Acrylonitrile	107-13-1	ug/L	10/19/2009	ND	
GU-3A	d	Benzene	71-43-2	ug/L	10/19/2009		5.79

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
GU-3A	d	Bromochloromethane	74-97-5	ug/L	10/19/2009	ND	
GU-3A	d	Bromodichloromethane	75-27-4	ug/L	10/19/2009	ND	
GU-3A	d	Bromoform	75-25-2	ug/L	10/19/2009	ND	
GU-3A	d	Carbon Disulfide	75-15-0	ug/L	10/19/2009	ND	
GU-3A	d	Carbon Tetrachloride	56-23-5	ug/L	10/19/2009	ND	
GU-3A	d	Chlorobenzene	108-90-7	ug/L	10/19/2009	ND	
GU-3A	d	Chloroethane	75-00-3	ug/L	10/19/2009	ND	
GU-3A	d	Chloroform	67-66-3	ug/L	10/19/2009	ND	
GU-3A	d	Chlorodibromomethane	124-48-1	ug/L	10/19/2009	ND	
GU-3A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/19/2009	ND	
GU-3A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/19/2009	ND	
GU-3A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/19/2009	ND	
GU-3A	d	1,1-Dichloroethane	75-34-3	ug/L	10/19/2009		1.52
GU-3A	d	1,2-Dichloroethane	107-06-2	ug/L	10/19/2009	ND	
GU-3A	d	1,1-Dichloroethene	75-35-4	ug/L	10/19/2009	ND	
GU-3A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/19/2009		2.37
GU-3A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/19/2009	ND	
GU-3A	d	1,2-Dichloropropane	78-87-5	ug/L	10/19/2009	ND	
GU-3A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/19/2009	ND	
GU-3A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/19/2009	ND	
GU-3A	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/19/2009	ND	
GU-3A	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/19/2009	ND	
GU-3A	d	Ethylbenzene	100-41-4	ug/L	10/19/2009	ND	
GU-3A	d	2-Hexanone	591-78-6	ug/L	10/19/2009	ND	
GU-3A	d	Bromomethane	74-83-9	ug/L	10/19/2009	ND	
GU-3A	d	Chloromethane	74-87-3	ug/L	10/19/2009	ND	
GU-3A	d	2-Butanone	78-93-3	ug/L	10/19/2009	ND	
GU-3A	d	Iodomethane	74-88-4	ug/L	10/19/2009	ND	
GU-3A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/19/2009	ND	
GU-3A	d	Methylene Chloride	75-09-2	ug/L	10/19/2009	ND	
GU-3A	d	Styrene	100-42-5	ug/L	10/19/2009	ND	
GU-3A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/19/2009	ND	
GU-3A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/19/2009	ND	
GU-3A	d	Tetrachloroethene	127-18-4	ug/L	10/19/2009	ND	
GU-3A	d	Toluene	108-88-3	ug/L	10/19/2009	ND	
GU-3A	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/19/2009	ND	
GU-3A	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/19/2009	ND	
GU-3A	d	Trichloroethene	79-01-6	ug/L	10/19/2009	ND	
GU-3A	d	Trichlorofluoromethane	75-69-4	ug/L	10/19/2009	ND	
GU-3A	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/19/2009	ND	
GU-3A	d	Vinyl Acetate	108-05-4	ug/L	10/19/2009	ND	
GU-3A	d	Vinyl Chloride	75-01-4	ug/L	10/19/2009		5.04
GU-3A	d	Xylenes, total	1330-20-7	ug/L	10/19/2009	ND	
GU-3A	d	Methylene Bromide	74-95-3	ug/L	10/19/2009	ND	
MW-28	d	Antimony	7440-36-0	mg/L	11/30/2009	ND	
MW-28	d	Arsenic	7440-38-2	mg/L	11/30/2009		0.00591
MW-28	d	Barium	7440-39-3	mg/L	11/30/2009		0.0859
MW-28	d	Beryllium	7440-41-7	mg/L	11/30/2009	ND	
MW-28	d	Cadmium	7440-43-9	mg/L	11/30/2009	ND	
MW-28	d	Chromium	7440-47-3	mg/L	11/30/2009	ND	
MW-28	d	Cobalt	7440-48-4	mg/L	11/30/2009	NDX	
MW-28	d	Copper	7440-50-8	mg/L	11/30/2009	ND	
MW-28	d	Lead	7439-92-1	mg/L	11/30/2009	ND	
MW-28	d	Nickel	7440-02-0	mg/L	11/30/2009	ND	
MW-28	d	Selenium	7782-49-2	mg/L	11/30/2009	ND	
MW-28	d	Silver	7440-22-4	mg/L	11/30/2009	ND	
MW-28	d	Thallium	7440-28-0	mg/L	11/30/2009	ND	
MW-28	d	Vanadium	7440-62-2	mg/L	11/30/2009	ND	
MW-28	d	Zinc	7440-66-6	mg/L	11/30/2009		0.0298
MW-28	d	Acetone	67-64-1	ug/L	11/30/2009	ND	
MW-28	d	Acrylonitrile	107-13-1	ug/L	11/30/2009	ND	
MW-28	d	Benzene	71-43-2	ug/L	11/30/2009	ND	
MW-28	d	Bromochloromethane	74-97-5	ug/L	11/30/2009	ND	
MW-28	d	Bromodichloromethane	75-27-4	ug/L	11/30/2009	ND	
MW-28	d	Bromoform	75-25-2	ug/L	11/30/2009	ND	
MW-28	d	Carbon Disulfide	75-15-0	ug/L	11/30/2009	ND	
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	11/30/2009	ND	
MW-28	d	Chlorobenzene	108-90-7	ug/L	11/30/2009	ND	
MW-28	d	Chloroethane	75-00-3	ug/L	11/30/2009	ND	
MW-28	d	Chloroform	67-66-3	ug/L	11/30/2009	ND	
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	11/30/2009	ND	
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/30/2009	ND	
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/30/2009	ND	
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/30/2009	ND	
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	11/30/2009	ND	
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	11/30/2009	ND	
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	11/30/2009	ND	
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/30/2009	ND	
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/30/2009	ND	
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	11/30/2009	ND	
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/30/2009	ND	
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/30/2009	ND	
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/30/2009	ND	
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/30/2009	ND	
MW-28	d	Ethylbenzene	100-41-4	ug/L	11/30/2009	ND	
MW-28	d	2-Hexanone	591-78-6	ug/L	11/30/2009	ND	
MW-28	d	Bromomethane	74-83-9	ug/L	11/30/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-28	d	Chloromethane	74-87-3	ug/L	11/30/2009	ND	
MW-28	d	2-Butanone	78-93-3	ug/L	11/30/2009	ND	
MW-28	d	Iodomethane	74-88-4	ug/L	11/30/2009	ND	
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/30/2009	ND	
MW-28	d	Methylene Chloride	75-09-2	ug/L	11/30/2009	ND	
MW-28	d	Styrene	100-42-5	ug/L	11/30/2009	ND	
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/30/2009	ND	
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/30/2009	ND	
MW-28	d	Tetrachloroethene	127-18-4	ug/L	11/30/2009	ND	
MW-28	d	Toluene	108-88-3	ug/L	11/30/2009	ND	
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/30/2009	ND	
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/30/2009	ND	
MW-28	d	Trichloroethene	79-01-6	ug/L	11/30/2009	ND	
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	11/30/2009	ND	
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/30/2009	ND	
MW-28	d	Vinyl Acetate	108-05-4	ug/L	11/30/2009	ND	
MW-28	d	Vinyl Chloride	75-01-4	ug/L	11/30/2009	ND	
MW-28	d	Xylenes, total	1330-20-7	ug/L	11/30/2009	ND	
MW-28	d	Methylene Bromide	74-95-3	ug/L	11/30/2009	ND	
MW-29	d	Antimony	7440-36-0	mg/L	11/30/2009	ND	
MW-29	d	Arsenic	7440-38-2	mg/L	11/30/2009		0.00808
MW-29	d	Barium	7440-39-3	mg/L	11/30/2009		2.26
MW-29	d	Beryllium	7440-41-7	mg/L	11/30/2009	ND	
MW-29	d	Cadmium	7440-43-9	mg/L	11/30/2009	ND	
MW-29	d	Chromium	7440-47-3	mg/L	11/30/2009	ND	
MW-29	d	Cobalt	7440-48-4	mg/L	11/30/2009		0.0603
MW-29	d	Copper	7440-50-8	mg/L	11/30/2009	ND	
MW-29	d	Lead	7439-92-1	mg/L	11/30/2009	ND	
MW-29	d	Nickel	7440-02-0	mg/L	11/30/2009		0.0796
MW-29	d	Selenium	7782-49-2	mg/L	11/30/2009	ND	
MW-29	d	Silver	7440-22-4	mg/L	11/30/2009	ND	
MW-29	d	Thallium	7440-28-0	mg/L	11/30/2009	ND	
MW-29	d	Vanadium	7440-62-2	mg/L	11/30/2009	ND	
MW-29	d	Zinc	7440-66-6	mg/L	11/30/2009		0.148
MW-29	d	Acetone	67-64-1	ug/L	11/30/2009	ND	
MW-29	d	Acrylonitrile	107-13-1	ug/L	11/30/2009	ND	
MW-29	d	Benzene	71-43-2	ug/L	11/30/2009		6.86
MW-29	d	Bromochloromethane	74-97-5	ug/L	11/30/2009	ND	
MW-29	d	Bromodichloromethane	75-27-4	ug/L	11/30/2009	ND	
MW-29	d	Bromoform	75-25-2	ug/L	11/30/2009	ND	
MW-29	d	Carbon Disulfide	75-15-0	ug/L	11/30/2009	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	11/30/2009	ND	
MW-29	d	Chlorobenzene	108-90-7	ug/L	11/30/2009		6.56
MW-29	d	Chloroethane	75-00-3	ug/L	11/30/2009	ND	
MW-29	d	Chloroform	67-66-3	ug/L	11/30/2009	ND	
MW-29	d	Chlorodibromomethane	124-48-1	ug/L	11/30/2009	ND	
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/30/2009	ND	
MW-29	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/30/2009	ND	
MW-29	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/30/2009	ND	
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	11/30/2009		4.47
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	11/30/2009	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	11/30/2009	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/30/2009		18
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/30/2009		1.7
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	11/30/2009		1.6
MW-29	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/30/2009	ND	
MW-29	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/30/2009	ND	
MW-29	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/30/2009	ND	
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/30/2009		8.27
MW-29	d	Ethylbenzene	100-41-4	ug/L	11/30/2009	ND	
MW-29	d	2-Hexanone	591-78-6	ug/L	11/30/2009	ND	
MW-29	d	Bromomethane	74-83-9	ug/L	11/30/2009	ND	
MW-29	d	Chloromethane	74-87-3	ug/L	11/30/2009	ND	
MW-29	d	2-Butanone	78-93-3	ug/L	11/30/2009	ND	
MW-29	d	Iodomethane	74-88-4	ug/L	11/30/2009	ND	
MW-29	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/30/2009	ND	
MW-29	d	Methylene Chloride	75-09-2	ug/L	11/30/2009	ND	
MW-29	d	Styrene	100-42-5	ug/L	11/30/2009	ND	
MW-29	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/30/2009	ND	
MW-29	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/30/2009	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	11/30/2009		1.01
MW-29	d	Toluene	108-88-3	ug/L	11/30/2009	ND	
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/30/2009	ND	
MW-29	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/30/2009	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	11/30/2009		4.36
MW-29	d	Trichlorofluoromethane	75-69-4	ug/L	11/30/2009	ND	
MW-29	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/30/2009	ND	
MW-29	d	Vinyl Acetate	108-05-4	ug/L	11/30/2009	ND	
MW-29	d	Vinyl Chloride	75-01-4	ug/L	11/30/2009		3.24
MW-29	d	Xylenes, total	1330-20-7	ug/L	11/30/2009	ND	
MW-29	d	Endosulfan I	959-98-8	ug/L	11/30/2009	ND	
MW-29	d	Methylene Bromide	74-95-3	ug/L	11/30/2009	ND	
MW-29	d	Alpha-Chlordane	5103-71-9	ug/L	11/30/2009	ND	
MW-50	d	Antimony	7440-36-0	mg/L	11/30/2009	ND	
MW-50	d	Arsenic	7440-38-2	mg/L	11/30/2009	ND	
MW-50	d	Barium	7440-39-3	mg/L	11/30/2009		0.0399
MW-50	d	Beryllium	7440-41-7	mg/L	11/30/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	Cadmium	7440-43-9	mg/L	11/30/2009	ND	
MW-50	d	Chromium	7440-47-3	mg/L	11/30/2009	ND	
MW-50	d	Cobalt	7440-48-4	mg/L	11/30/2009	NDX	
MW-50	d	Copper	7440-50-8	mg/L	11/30/2009	ND	
MW-50	d	Lead	7439-92-1	mg/L	11/30/2009	ND	
MW-50	d	Nickel	7440-02-0	mg/L	11/30/2009	ND	
MW-50	d	Selenium	7782-49-2	mg/L	11/30/2009	ND	
MW-50	d	Silver	7440-22-4	mg/L	11/30/2009	ND	
MW-50	d	Thallium	7440-28-0	mg/L	11/30/2009	ND	
MW-50	d	Vanadium	7440-62-2	mg/L	11/30/2009	ND	
MW-50	d	Zinc	7440-66-6	mg/L	11/30/2009		0.0708
MW-50	d	Acetone	67-64-1	ug/L	11/30/2009	ND	
MW-50	d	Acrylonitrile	107-13-1	ug/L	11/30/2009	ND	
MW-50	d	Benzene	71-43-2	ug/L	11/30/2009	ND	
MW-50	d	Bromochloromethane	74-97-5	ug/L	11/30/2009	ND	
MW-50	d	Bromodichloromethane	75-27-4	ug/L	11/30/2009	ND	
MW-50	d	Bromoform	75-25-2	ug/L	11/30/2009	ND	
MW-50	d	Carbon Disulfide	75-15-0	ug/L	11/30/2009	ND	
MW-50	d	Carbon Tetrachloride	56-23-5	ug/L	11/30/2009	ND	
MW-50	d	Chlorobenzene	108-90-7	ug/L	11/30/2009	ND	
MW-50	d	Chloroethane	75-00-3	ug/L	11/30/2009	ND	
MW-50	d	Chloroform	67-66-3	ug/L	11/30/2009	ND	
MW-50	d	Chlorodibromomethane	124-48-1	ug/L	11/30/2009	ND	
MW-50	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/30/2009	ND	
MW-50	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/30/2009	ND	
MW-50	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/30/2009	ND	
MW-50	d	1,1-Dichloroethane	75-34-3	ug/L	11/30/2009	ND	
MW-50	d	1,2-Dichloroethane	107-06-2	ug/L	11/30/2009	ND	
MW-50	d	1,1-Dichloroethene	75-35-4	ug/L	11/30/2009	ND	
MW-50	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/30/2009	ND	
MW-50	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/30/2009	ND	
MW-50	d	1,2-Dichloropropane	78-87-5	ug/L	11/30/2009	ND	
MW-50	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/30/2009	ND	
MW-50	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/30/2009	ND	
MW-50	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/30/2009	ND	
MW-50	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/30/2009	ND	
MW-50	d	Ethylbenzene	100-41-4	ug/L	11/30/2009	ND	
MW-50	d	2-Hexanone	591-78-6	ug/L	11/30/2009	ND	
MW-50	d	Bromomethane	74-83-9	ug/L	11/30/2009	ND	
MW-50	d	Chloromethane	74-87-3	ug/L	11/30/2009	ND	
MW-50	d	2-Butanone	78-93-3	ug/L	11/30/2009	ND	
MW-50	d	Iodomethane	74-88-4	ug/L	11/30/2009	ND	
MW-50	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/30/2009	ND	
MW-50	d	Methylene Chloride	75-09-2	ug/L	11/30/2009	ND	
MW-50	d	Styrene	100-42-5	ug/L	11/30/2009	ND	
MW-50	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/30/2009	ND	
MW-50	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/30/2009	ND	
MW-50	d	Tetrachloroethene	127-18-4	ug/L	11/30/2009	ND	
MW-50	d	Toluene	108-88-3	ug/L	11/30/2009	ND	
MW-50	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/30/2009	ND	
MW-50	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/30/2009	ND	
MW-50	d	Trichloroethene	79-01-6	ug/L	11/30/2009	ND	
MW-50	d	Trichlorofluoromethane	75-69-4	ug/L	11/30/2009	ND	
MW-50	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/30/2009	ND	
MW-50	d	Vinyl Acetate	108-05-4	ug/L	11/30/2009	ND	
MW-50	d	Vinyl Chloride	75-01-4	ug/L	11/30/2009	ND	
MW-50	d	Xylenes, total	1330-20-7	ug/L	11/30/2009	ND	
MW-50	d	Methylene Bromide	74-95-3	ug/L	11/30/2009	ND	
MW-58	d	Antimony	7440-36-0	mg/L	11/30/2009	ND	
MW-58	d	Arsenic	7440-38-2	mg/L	11/30/2009		0.0242
MW-58	d	Barium	7440-39-3	mg/L	11/30/2009		0.576
MW-58	d	Beryllium	7440-41-7	mg/L	11/30/2009	ND	
MW-58	d	Cadmium	7440-43-9	mg/L	11/30/2009	ND	
MW-58	d	Chromium	7440-47-3	mg/L	11/30/2009	ND	
MW-58	d	Cobalt	7440-48-4	mg/L	11/30/2009	NDX	
MW-58	d	Copper	7440-50-8	mg/L	11/30/2009	ND	
MW-58	d	Lead	7439-92-1	mg/L	11/30/2009	ND	
MW-58	d	Nickel	7440-02-0	mg/L	11/30/2009	ND	
MW-58	d	Selenium	7782-49-2	mg/L	11/30/2009	ND	
MW-58	d	Silver	7440-22-4	mg/L	11/30/2009	ND	
MW-58	d	Thallium	7440-28-0	mg/L	11/30/2009	ND	
MW-58	d	Vanadium	7440-62-2	mg/L	11/30/2009	ND	
MW-58	d	Zinc	7440-66-6	mg/L	11/30/2009		0.0649
MW-58	d	Acetone	67-64-1	ug/L	11/30/2009	ND	
MW-58	d	Acrylonitrile	107-13-1	ug/L	11/30/2009	ND	
MW-58	d	Benzene	71-43-2	ug/L	11/30/2009		3.18
MW-58	d	Bromochloromethane	74-97-5	ug/L	11/30/2009	ND	
MW-58	d	Bromodichloromethane	75-27-4	ug/L	11/30/2009	ND	
MW-58	d	Bromoform	75-25-2	ug/L	11/30/2009	ND	
MW-58	d	Carbon Disulfide	75-15-0	ug/L	11/30/2009	ND	
MW-58	d	Carbon Tetrachloride	56-23-5	ug/L	11/30/2009	ND	
MW-58	d	Chlorobenzene	108-90-7	ug/L	11/30/2009		4.95
MW-58	d	Chloroethane	75-00-3	ug/L	11/30/2009		5.52
MW-58	d	Chloroform	67-66-3	ug/L	11/30/2009	ND	
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	11/30/2009	ND	
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/30/2009	ND	
MW-58	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/30/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/30/2009	ND	
MW-58	d	1,1-Dichloroethane	75-34-3	ug/L	11/30/2009	ND	
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	11/30/2009	ND	
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	11/30/2009	ND	
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/30/2009	ND	
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/30/2009	ND	
MW-58	d	1,2-Dichloropropane	78-87-5	ug/L	11/30/2009	ND	
MW-58	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/30/2009	ND	
MW-58	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/30/2009	ND	
MW-58	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/30/2009	ND	
MW-58	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/30/2009	ND	
MW-58	d	Ethylbenzene	100-41-4	ug/L	11/30/2009	ND	
MW-58	d	2-Hexanone	591-78-6	ug/L	11/30/2009	ND	
MW-58	d	Bromomethane	74-83-9	ug/L	11/30/2009	ND	
MW-58	d	Chloromethane	74-87-3	ug/L	11/30/2009	ND	
MW-58	d	2-Butanone	78-93-3	ug/L	11/30/2009	ND	
MW-58	d	Iodomethane	74-88-4	ug/L	11/30/2009	ND	
MW-58	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/30/2009	ND	
MW-58	d	Methylene Chloride	75-09-2	ug/L	11/30/2009	ND	
MW-58	d	Styrene	100-42-5	ug/L	11/30/2009	ND	
MW-58	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/30/2009	ND	
MW-58	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/30/2009	ND	
MW-58	d	Tetrachloroethene	127-18-4	ug/L	11/30/2009	ND	
MW-58	d	Toluene	108-88-3	ug/L	11/30/2009	ND	
MW-58	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/30/2009	ND	
MW-58	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/30/2009	ND	
MW-58	d	Trichloroethene	79-01-6	ug/L	11/30/2009	ND	
MW-58	d	Trichlorofluoromethane	75-69-4	ug/L	11/30/2009	ND	
MW-58	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/30/2009	ND	
MW-58	d	Vinyl Acetate	108-05-4	ug/L	11/30/2009	ND	
MW-58	d	Vinyl Chloride	75-01-4	ug/L	11/30/2009	ND	
MW-58	d	Xylenes, total	1330-20-7	ug/L	11/30/2009	ND	
MW-58	d	Methylene Bromide	74-95-3	ug/L	11/30/2009	ND	
MW-19	d	Antimony	7440-36-0	mg/L	12/17/2009	ND	
MW-19	d	Arsenic	7440-38-2	mg/L	12/17/2009	ND	
MW-19	d	Barium	7440-39-3	mg/L	12/17/2009		0.0426
MW-19	d	Beryllium	7440-41-7	mg/L	12/17/2009	ND	
MW-19	d	Cadmium	7440-43-9	mg/L	12/17/2009	ND	
MW-19	d	Chromium	7440-47-3	mg/L	12/17/2009	ND	
MW-19	d	Cobalt	7440-48-4	mg/L	12/17/2009	NDX	
MW-19	d	Copper	7440-50-8	mg/L	12/17/2009	ND	
MW-19	d	Lead	7439-92-1	mg/L	12/17/2009	ND	
MW-19	d	Nickel	7440-02-0	mg/L	12/17/2009	ND	
MW-19	d	Selenium	7782-49-2	mg/L	12/17/2009	ND	
MW-19	d	Silver	7440-22-4	mg/L	12/17/2009	ND	
MW-19	d	Thallium	7440-28-0	mg/L	12/17/2009	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	12/17/2009	ND	
MW-19	d	Zinc	7440-66-6	mg/L	12/17/2009		0.0296
MW-19	d	Acetone	67-64-1	ug/L	12/17/2009	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	12/17/2009	ND	
MW-19	d	Benzene	71-43-2	ug/L	12/17/2009	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	12/17/2009	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	12/17/2009	ND	
MW-19	d	Bromoform	75-25-2	ug/L	12/17/2009	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	12/17/2009	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	12/17/2009	ND	
MW-19	d	Chlorobenzene	108-90-7	ug/L	12/17/2009	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	12/17/2009	ND	
MW-19	d	Chloroform	67-66-3	ug/L	12/17/2009	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	12/17/2009	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/17/2009	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/17/2009	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/17/2009	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	12/17/2009	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	12/17/2009	ND	
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	12/17/2009	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/17/2009	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/17/2009	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	12/17/2009	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/17/2009	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/17/2009	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/17/2009	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/17/2009	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	12/17/2009	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	12/17/2009	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	12/17/2009	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	12/17/2009	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	12/17/2009	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	12/17/2009	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/17/2009	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	12/17/2009	ND	
MW-19	d	Styrene	100-42-5	ug/L	12/17/2009	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/17/2009	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/17/2009	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	12/17/2009	ND	
MW-19	d	Toluene	108-88-3	ug/L	12/17/2009	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/17/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/17/2009	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	12/17/2009	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	12/17/2009	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/17/2009	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	12/17/2009	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	12/17/2009	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	12/17/2009	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	12/17/2009	ND	
MW-24R	u	Antimony	7440-36-0	mg/L	12/17/2009	ND	
MW-24R	u	Arsenic	7440-38-2	mg/L	12/17/2009	ND	
MW-24R	u	Barium	7440-39-3	mg/L	12/17/2009		0.334
MW-24R	u	Beryllium	7440-41-7	mg/L	12/17/2009	ND	
MW-24R	u	Cadmium	7440-43-9	mg/L	12/17/2009	ND	
MW-24R	u	Chromium	7440-47-3	mg/L	12/17/2009	ND	
MW-24R	u	Cobalt	7440-48-4	mg/L	12/17/2009	ND	
MW-24R	u	Copper	7440-50-8	mg/L	12/17/2009	ND	
MW-24R	u	Lead	7439-92-1	mg/L	12/17/2009	ND	
MW-24R	u	Nickel	7440-02-0	mg/L	12/17/2009	ND	
MW-24R	u	Selenium	7782-49-2	mg/L	12/17/2009	ND	
MW-24R	u	Silver	7440-22-4	mg/L	12/17/2009	ND	
MW-24R	u	Thallium	7440-28-0	mg/L	12/17/2009	ND	
MW-24R	u	Vanadium	7440-62-2	mg/L	12/17/2009	ND	
MW-24R	u	Zinc	7440-66-6	mg/L	12/17/2009		0.0508
MW-24R	u	Mercury	7439-97-6	mg/L	12/17/2009	ND	
MW-24R	u	Tin	7440-31-5	mg/L	12/17/2009		0.223
MW-24R	u	Acetone	67-64-1	ug/L	12/17/2009	ND	
MW-24R	u	Acrylonitrile	107-13-1	ug/L	12/17/2009	ND	
MW-24R	u	Benzene	71-43-2	ug/L	12/17/2009	ND	
MW-24R	u	Bromochloromethane	74-97-5	ug/L	12/17/2009	ND	
MW-24R	u	Bromodichloromethane	75-27-4	ug/L	12/17/2009	ND	
MW-24R	u	Bromoform	75-25-2	ug/L	12/17/2009	ND	
MW-24R	u	Carbon Disulfide	75-15-0	ug/L	12/17/2009	ND	
MW-24R	u	Carbon Tetrachloride	56-23-5	ug/L	12/17/2009	ND	
MW-24R	u	Chlorobenzene	108-90-7	ug/L	12/17/2009	ND	
MW-24R	u	Chloroethane	75-00-3	ug/L	12/17/2009	ND	
MW-24R	u	Chloroform	67-66-3	ug/L	12/17/2009	ND	
MW-24R	u	Chlorodibromomethane	124-48-1	ug/L	12/17/2009	ND	
MW-24R	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/17/2009	ND	
MW-24R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/17/2009	ND	
MW-24R	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/17/2009	ND	
MW-24R	u	1,1-Dichloroethane	75-34-3	ug/L	12/17/2009	ND	
MW-24R	u	1,2-Dichloroethane	107-06-2	ug/L	12/17/2009	ND	
MW-24R	u	1,1-Dichloroethene	75-35-4	ug/L	12/17/2009	ND	
MW-24R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	12/17/2009	ND	
MW-24R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	12/17/2009	ND	
MW-24R	u	1,2-Dichloropropane	78-87-5	ug/L	12/17/2009	ND	
MW-24R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/17/2009	ND	
MW-24R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/17/2009	ND	
MW-24R	u	1,2-Dichlorobenzene	95-50-1	ug/L	12/17/2009	ND	
MW-24R	u	1,4-Dichlorobenzene	106-46-7	ug/L	12/17/2009	ND	
MW-24R	u	Ethylbenzene	100-41-4	ug/L	12/17/2009	ND	
MW-24R	u	2-Hexanone	591-78-6	ug/L	12/17/2009	ND	
MW-24R	u	Bromomethane	74-83-9	ug/L	12/17/2009	ND	
MW-24R	u	Chloromethane	74-87-3	ug/L	12/17/2009	ND	
MW-24R	u	2-Butanone	78-93-3	ug/L	12/17/2009	ND	
MW-24R	u	Iodomethane	74-88-4	ug/L	12/17/2009	ND	
MW-24R	u	4-Methyl-2-Pentanone	108-10-1	ug/L	12/17/2009	ND	
MW-24R	u	Methylene Chloride	75-09-2	ug/L	12/17/2009	ND	
MW-24R	u	Styrene	100-42-5	ug/L	12/17/2009	ND	
MW-24R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/17/2009	ND	
MW-24R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/17/2009	ND	
MW-24R	u	Tetrachloroethene	127-18-4	ug/L	12/17/2009	ND	
MW-24R	u	Toluene	108-88-3	ug/L	12/17/2009	ND	
MW-24R	u	1,1,1-Trichloroethane	71-55-6	ug/L	12/17/2009	ND	
MW-24R	u	1,1,2-Trichloroethane	79-00-5	ug/L	12/17/2009	ND	
MW-24R	u	Trichloroethene	79-01-6	ug/L	12/17/2009	ND	
MW-24R	u	Trichlorofluoromethane	75-69-4	ug/L	12/17/2009	ND	
MW-24R	u	1,2,3-Trichloropropane	96-18-4	ug/L	12/17/2009	ND	
MW-24R	u	Vinyl Acetate	108-05-4	ug/L	12/17/2009	ND	
MW-24R	u	Vinyl Chloride	75-01-4	ug/L	12/17/2009	ND	
MW-24R	u	Xylenes, total	1330-20-7	ug/L	12/17/2009	ND	
MW-24R	u	1,1-Dichloropropene	563-58-6	ug/L	12/17/2009	ND	
MW-24R	u	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	12/17/2009	ND	
MW-24R	u	1,2,4-Trichlorobenzene	120-82-1	ug/L	12/17/2009	ND	
MW-24R	u	1,3,5-Trinitrobenzene	99-35-4	ug/L	12/17/2009	ND	
MW-24R	u	1,3-Dichlorobenzene	541-73-1	ug/L	12/17/2009	ND	
MW-24R	u	1,3-Dichloropropane	142-28-9	ug/L	12/17/2009	ND	
MW-24R	u	1,3-Dinitrobenzene	99-65-0	ug/L	12/17/2009	ND	
MW-24R	u	1,4-Naphthoquinone	130-15-4	ug/L	12/17/2009	ND	
MW-24R	u	1,4-Phenylenediamine	106-50-3	ug/L	12/17/2009	ND	
MW-24R	u	1-Naphthylamine	134-32-7	ug/L	12/17/2009	ND	
MW-24R	u	2,2-Dichloropropane	594-20-7	ug/L	12/17/2009	ND	
MW-24R	u	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	12/17/2009	ND	
MW-24R	u	2,4,5-T [2C]	93-76-5	ug/L	12/17/2009	ND	
MW-24R	u	2,4,5-Trichlorophenol	95-95-4	ug/L	12/17/2009	ND	
MW-24R	u	2,4,6-Trichlorophenol	88-06-2	ug/L	12/17/2009	ND	
MW-24R	u	2,4-D [2C]	94-75-7	ug/L	12/17/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-24R	u	2,4-Dichlorophenol	120-83-2	ug/L	12/17/2009	ND	
MW-24R	u	2,4-Dimethylphenol	105-67-9	ug/L	12/17/2009	ND	
MW-24R	u	2,4-Dinitrophenol	51-28-5	ug/L	12/17/2009	ND	
MW-24R	u	2,4-Dinitrotoluene	121-14-2	ug/L	12/17/2009	ND	
MW-24R	u	2,6-Dichlorophenol	87-65-0	ug/L	12/17/2009	ND	
MW-24R	u	2,6-Dinitrotoluene	606-20-2	ug/L	12/17/2009	ND	
MW-24R	u	2-Acetylaminofluorene	53-96-3	ug/L	12/17/2009	ND	
MW-24R	u	2-Chloronaphthalene	91-58-7	ug/L	12/17/2009	ND	
MW-24R	u	2-Chlorophenol	95-57-8	ug/L	12/17/2009	ND	
MW-24R	u	2-Methylnaphthalene	91-57-6	ug/L	12/17/2009	ND	
MW-24R	u	2-Methylphenol	95-48-7	ug/L	12/17/2009	ND	
MW-24R	u	2-Naphthylamine	91-59-8	ug/L	12/17/2009	ND	
MW-24R	u	2-Nitroaniline	88-74-4	ug/L	12/17/2009	ND	
MW-24R	u	2-Nitrophenol	88-75-5	ug/L	12/17/2009	ND	
MW-24R	u	3,3-Dichlorobenzidine	91-94-1	ug/L	12/17/2009	ND	
MW-24R	u	3,3-Dimethylbenzidine	119-93-7	ug/L	12/17/2009	ND	
MW-24R	u	3/4-Methylphenol	T-34MP	ug/L	12/17/2009	ND	
MW-24R	u	3-Methylcholanthrene	56-49-5	ug/L	12/17/2009	ND	
MW-24R	u	3-Nitroaniline	99-09-2	ug/L	12/17/2009	ND	
MW-24R	u	4,4`-DDD	72-54-8	ug/L	12/17/2009	ND	
MW-24R	u	4,4`-DDE	72-55-9	ug/L	12/17/2009	ND	
MW-24R	u	4,4`-DDT	50-29-3	ug/L	12/17/2009	ND	
MW-24R	u	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	12/17/2009	ND	
MW-24R	u	4-Aminobiphenyl	92-67-1	ug/L	12/17/2009	ND	
MW-24R	u	4-Bromophenyl phenyl ether	101-55-3	ug/L	12/17/2009	ND	
MW-24R	u	4-Chloro-3-methylphenol	59-50-7	ug/L	12/17/2009	ND	
MW-24R	u	4-Chloroaniline	106-47-8	ug/L	12/17/2009	ND	
MW-24R	u	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	12/17/2009	ND	
MW-24R	u	4-Nitroaniline	100-01-6	ug/L	12/17/2009	ND	
MW-24R	u	4-Nitrophenol	100-02-7	ug/L	12/17/2009	ND	
MW-24R	u	5-Nitro-o-toluidine	99-55-8	ug/L	12/17/2009	ND	
MW-24R	u	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	12/17/2009	ND	
MW-24R	u	Acenaphthene	83-32-9	ug/L	12/17/2009	ND	
MW-24R	u	Acenaphthylene	208-96-8	ug/L	12/17/2009	ND	
MW-24R	u	Acetonitrile	75-05-8	ug/L	12/17/2009	ND	
MW-24R	u	Acetophenone	98-86-2	ug/L	12/17/2009	ND	
MW-24R	u	Acrolein	107-02-8	ug/L	12/17/2009	ND	
MW-24R	u	Aldrin	309-00-2	ug/L	12/17/2009	ND	
MW-24R	u	3-Chloropropene	107-05-1	ug/L	12/17/2009	ND	
MW-24R	u	Alpha-BHC	319-84-6	ug/L	12/17/2009	ND	
MW-24R	u	Anthracene	120-12-7	ug/L	12/17/2009	ND	
MW-24R	u	Benzo [a] anthracene	56-55-3	ug/L	12/17/2009	ND	
MW-24R	u	Benzo [a] pyrene	50-32-8	ug/L	12/17/2009	ND	
MW-24R	u	Benzo [b] fluoranthene	205-99-2	ug/L	12/17/2009	ND	
MW-24R	u	Benzo [g,h,i] perylene	191-24-2	ug/L	12/17/2009	ND	
MW-24R	u	Benzo [k] fluoranthene	207-08-9	ug/L	12/17/2009	ND	
MW-24R	u	Benzyl alcohol	100-51-6	ug/L	12/17/2009	ND	
MW-24R	u	Beta-BHC	319-85-7	ug/L	12/17/2009	ND	
MW-24R	u	Bis[2-chloroethoxy]methane	111-91-1	ug/L	12/17/2009	ND	
MW-24R	u	Bis[2-chloroethyl]ether	111-44-4	ug/L	12/17/2009	ND	
MW-24R	u	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	12/17/2009	ND	
MW-24R	u	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	12/17/2009	ND	
MW-24R	u	Butyl benzyl phthalate	85-68-7	ug/L	12/17/2009	ND	
MW-24R	u	Chlordane	57-74-9	ug/L	12/17/2009	ND	
MW-24R	u	Chlorobenzilate	510-15-6	ug/L	12/17/2009	ND	
MW-24R	u	Chloroprene	126-99-8	ug/L	12/17/2009	ND	
MW-24R	u	Chrysene	218-01-9	ug/L	12/17/2009	ND	
MW-24R	u	Cyanide	57-12-5	mg/L	12/17/2009	ND	
MW-24R	u	Delta-BHC	319-86-8	ug/L	12/17/2009	ND	
MW-24R	u	Diallate [cis or trans]	2303-16-4	ug/L	12/17/2009	ND	
MW-24R	u	Dibenz [a,h] anthracene	53-70-3	ug/L	12/17/2009	ND	
MW-24R	u	Dibenzofuran	132-64-9	ug/L	12/17/2009	ND	
MW-24R	u	Dichlorodifluoromethane	75-71-8	ug/L	12/17/2009	ND	
MW-24R	u	Dieldrin	60-57-1	ug/L	12/17/2009	ND	
MW-24R	u	Diethyl phthalate	84-66-2	ug/L	12/17/2009	ND	
MW-24R	u	Dimethoate	60-51-5	ug/L	12/17/2009	ND	
MW-24R	u	Dimethyl phthalate	131-11-3	ug/L	12/17/2009	ND	
MW-24R	u	Di-n-butyl phthalate	84-74-2	ug/L	12/17/2009	ND	
MW-24R	u	Di-n-octyl phthalate	117-84-0	ug/L	12/17/2009	ND	
MW-24R	u	Dinoseb	88-85-7	ug/L	12/17/2009	ND	
MW-24R	u	Diphenylamine	122-39-4	ug/L	12/17/2009	ND	
MW-24R	u	Disulfoton	298-04-4	ug/L	12/17/2009	ND	
MW-24R	u	Endosulfan I	959-98-8	ug/L	12/17/2009	ND	
MW-24R	u	Endosulfan II	33213-65-9	ug/L	12/17/2009	ND	
MW-24R	u	Endosulfan sulfate	1031-07-8	ug/L	12/17/2009	ND	
MW-24R	u	Endrin	72-20-8	ug/L	12/17/2009	ND	
MW-24R	u	Endrin aldehyde	7421-93-4	ug/L	12/17/2009	ND	
MW-24R	u	Ethyl Methacrylate	97-63-2	ug/L	12/17/2009	ND	
MW-24R	u	Ethyl Methanesulfonate	62-50-0	ug/L	12/17/2009	ND	
MW-24R	u	Famphur	52-85-7	ug/L	12/17/2009	ND	
MW-24R	u	Fluoranthene	206-44-0	ug/L	12/17/2009	ND	
MW-24R	u	Fluorene	86-73-7	ug/L	12/17/2009	ND	
MW-24R	u	Gamma-BHC [Lindane]	58-89-9	ug/L	12/17/2009	ND	
MW-24R	u	Heptachlor	76-44-8	ug/L	12/17/2009	ND	
MW-24R	u	Heptachlor Epoxide	1024-57-3	ug/L	12/17/2009	ND	
MW-24R	u	Hexachlorobenzene	118-74-1	ug/L	12/17/2009	ND	
MW-24R	u	Hexachlorobutadiene	87-68-3	ug/L	12/17/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-24R	u	Hexachlorocyclopentadiene	77-47-4	ug/L	12/17/2009	ND	
MW-24R	u	Hexachloroethane	67-72-1	ug/L	12/17/2009	ND	
MW-24R	u	Hexachloropropene	1888-71-7	ug/L	12/17/2009	ND	
MW-24R	u	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	12/17/2009	ND	
MW-24R	u	Isobutanol	78-83-1	mg/L	12/17/2009	ND	
MW-24R	u	Isodrin	465-73-6	ug/L	12/17/2009	ND	
MW-24R	u	Isophorone	78-59-1	ug/L	12/17/2009	ND	
MW-24R	u	Isosafrole	120-58-1	ug/L	12/17/2009	ND	
MW-24R	u	Kepone	143-50-0	ug/L	12/17/2009	ND	
MW-24R	u	Methacrylonitrile	126-98-7	ug/L	12/17/2009	ND	
MW-24R	u	Methapyrilene	91-80-5	ug/L	12/17/2009	ND	
MW-24R	u	Methoxychlor	72-43-5	ug/L	12/17/2009	ND	
MW-24R	u	Methyl Methacrylate	80-62-6	ug/L	12/17/2009	ND	
MW-24R	u	Methyl Methanesulfonate	66-27-3	ug/L	12/17/2009	ND	
MW-24R	u	Naphthalene	91-20-3	ug/L	12/17/2009	ND	
MW-24R	u	Nitrobenzene	98-95-3	ug/L	12/17/2009	ND	
MW-24R	u	N-Nitrosodiethylamine	55-18-5	ug/L	12/17/2009	ND	
MW-24R	u	N-Nitrosodimethylamine	62-75-9	ug/L	12/17/2009	ND	
MW-24R	u	N-Nitrosodi-n-butylamine	924-16-3	ug/L	12/17/2009	ND	
MW-24R	u	N-Nitrosodi-n-propylamine	621-64-7	ug/L	12/17/2009	ND	
MW-24R	u	N-Nitrosodiphenylamine	86-30-6	ug/L	12/17/2009	ND	
MW-24R	u	N-Nitrosomethylethylamine	10595-95-6	ug/L	12/17/2009	ND	
MW-24R	u	N-Nitrosopiperidine	100-75-4	ug/L	12/17/2009	ND	
MW-24R	u	N-Nitrosopyrrolidine	930-55-2	ug/L	12/17/2009	ND	
MW-24R	u	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	12/17/2009	ND	
MW-24R	u	o-Toluidine	95-53-4	ug/L	12/17/2009	ND	
MW-24R	u	Dimethylaminoazobenzene	60-11-7	ug/L	12/17/2009	ND	
MW-24R	u	Parathion-Ethyl	56-38-2	ug/L	12/17/2009	ND	
MW-24R	u	Parathion-Methyl	298-00-0	ug/L	12/17/2009	ND	
MW-24R	u	PCB-1016	12674-11-2	ug/L	12/17/2009	ND	
MW-24R	u	PCB-1221	11104-28-2	ug/L	12/17/2009	ND	
MW-24R	u	PCB-1232	11141-16-5	ug/L	12/17/2009	ND	
MW-24R	u	PCB-1242	53469-21-9	ug/L	12/17/2009	ND	
MW-24R	u	PCB-1248	12672-29-6	ug/L	12/17/2009	ND	
MW-24R	u	PCB-1254	11097-69-1	ug/L	12/17/2009	ND	
MW-24R	u	PCB-1260	11096-82-5	ug/L	12/17/2009	ND	
MW-24R	u	Pentachlorobenzene	608-93-5	ug/L	12/17/2009	ND	
MW-24R	u	Pentachloronitrobenzene	82-68-8	ug/L	12/17/2009	ND	
MW-24R	u	Pentachlorophenol [2C]	87-86-5	ug/L	12/17/2009	ND	
MW-24R	u	Phenacetin	62-44-2	ug/L	12/17/2009	ND	
MW-24R	u	Phenanthrene	85-01-8	ug/L	12/17/2009	ND	
MW-24R	u	Phenol	108-95-2	ug/L	12/17/2009	ND	
MW-24R	u	Phorate	298-02-2	ug/L	12/17/2009	ND	
MW-24R	u	Pronamide	23950-58-5	ug/L	12/17/2009	ND	
MW-24R	u	Propionitrile	107-12-0	ug/L	12/17/2009	ND	
MW-24R	u	Pyrene	129-00-0	ug/L	12/17/2009	ND	
MW-24R	u	Safrole	94-59-7	ug/L	12/17/2009	ND	
MW-24R	u	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	12/17/2009	ND	
MW-24R	u	Sulfide	18496-25-8	mg/L	12/17/2009	ND	
MW-24R	u	Thionazin	297-97-2	ug/L	12/17/2009	ND	
MW-24R	u	Toxaphene	8001-35-2	ug/L	12/17/2009	ND	
MW-24R	u	Methylene Bromide	74-95-3	ug/L	12/17/2009	ND	
MW-33R	d	Antimony	7440-36-0	mg/L	12/17/2009	ND	
MW-33R	d	Arsenic	7440-38-2	mg/L	12/17/2009		0.0103
MW-33R	d	Barium	7440-39-3	mg/L	12/17/2009		0.525
MW-33R	d	Beryllium	7440-41-7	mg/L	12/17/2009	ND	
MW-33R	d	Cadmium	7440-43-9	mg/L	12/17/2009		0.00116
MW-33R	d	Chromium	7440-47-3	mg/L	12/17/2009	ND	
MW-33R	d	Cobalt	7440-48-4	mg/L	12/17/2009	NDX	
MW-33R	d	Copper	7440-50-8	mg/L	12/17/2009	ND	
MW-33R	d	Lead	7439-92-1	mg/L	12/17/2009	ND	
MW-33R	d	Nickel	7440-02-0	mg/L	12/17/2009	ND	
MW-33R	d	Selenium	7782-49-2	mg/L	12/17/2009	ND	
MW-33R	d	Silver	7440-22-4	mg/L	12/17/2009	ND	
MW-33R	d	Thallium	7440-28-0	mg/L	12/17/2009	ND	
MW-33R	d	Vanadium	7440-62-2	mg/L	12/17/2009	ND	
MW-33R	d	Zinc	7440-66-6	mg/L	12/17/2009		0.0611
MW-33R	d	Acetone	67-64-1	ug/L	12/17/2009	ND	
MW-33R	d	Acrylonitrile	107-13-1	ug/L	12/17/2009	ND	
MW-33R	d	Benzene	71-43-2	ug/L	12/17/2009	ND	
MW-33R	d	Bromochloromethane	74-97-5	ug/L	12/17/2009	ND	
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	12/17/2009	ND	
MW-33R	d	Bromoform	75-25-2	ug/L	12/17/2009	ND	
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	12/17/2009	ND	
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	12/17/2009	ND	
MW-33R	d	Chlorobenzene	108-90-7	ug/L	12/17/2009	ND	
MW-33R	d	Chloroethane	75-00-3	ug/L	12/17/2009	ND	
MW-33R	d	Chloroform	67-66-3	ug/L	12/17/2009	ND	
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	12/17/2009	ND	
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/17/2009	ND	
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/17/2009	ND	
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/17/2009	ND	
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	12/17/2009	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	12/17/2009	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	12/17/2009	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/17/2009	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/17/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	12/17/2009	ND	
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/17/2009	ND	
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/17/2009	ND	
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/17/2009	ND	
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/17/2009	ND	
MW-33R	d	Ethylbenzene	100-41-4	ug/L	12/17/2009	ND	
MW-33R	d	2-Hexanone	591-78-6	ug/L	12/17/2009	ND	
MW-33R	d	Bromomethane	74-83-9	ug/L	12/17/2009	ND	
MW-33R	d	Chloromethane	74-87-3	ug/L	12/17/2009	ND	
MW-33R	d	2-Butanone	78-93-3	ug/L	12/17/2009	ND	
MW-33R	d	Iodomethane	74-88-4	ug/L	12/17/2009	ND	
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/17/2009	ND	
MW-33R	d	Methylene Chloride	75-09-2	ug/L	12/17/2009	ND	
MW-33R	d	Styrene	100-42-5	ug/L	12/17/2009	ND	
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/17/2009	ND	
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/17/2009	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	12/17/2009	ND	
MW-33R	d	Toluene	108-88-3	ug/L	12/17/2009	ND	
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/17/2009	ND	
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/17/2009	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	12/17/2009	ND	
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	12/17/2009	ND	
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/17/2009	ND	
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	12/17/2009	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	12/17/2009	ND	
MW-33R	d	Xylenes, total	1330-20-7	ug/L	12/17/2009	ND	
MW-33R	d	Methylene Bromide	74-95-3	ug/L	12/17/2009	ND	
MW-39	d	Antimony	7440-36-0	mg/L	12/17/2009	ND	
MW-39	d	Arsenic	7440-38-2	mg/L	12/17/2009		0.00143
MW-39	d	Barium	7440-39-3	mg/L	12/17/2009		0.061
MW-39	d	Beryllium	7440-41-7	mg/L	12/17/2009	ND	
MW-39	d	Cadmium	7440-43-9	mg/L	12/17/2009	ND	
MW-39	d	Chromium	7440-47-3	mg/L	12/17/2009	ND	
MW-39	d	Cobalt	7440-48-4	mg/L	12/17/2009	NDX	
MW-39	d	Copper	7440-50-8	mg/L	12/17/2009	ND	
MW-39	d	Lead	7439-92-1	mg/L	12/17/2009	ND	
MW-39	d	Nickel	7440-02-0	mg/L	12/17/2009	ND	
MW-39	d	Selenium	7782-49-2	mg/L	12/17/2009	ND	
MW-39	d	Silver	7440-22-4	mg/L	12/17/2009	ND	
MW-39	d	Thallium	7440-28-0	mg/L	12/17/2009	ND	
MW-39	d	Vanadium	7440-62-2	mg/L	12/17/2009	ND	
MW-39	d	Zinc	7440-66-6	mg/L	12/17/2009		0.0809
MW-39	d	Acetone	67-64-1	ug/L	12/17/2009	ND	
MW-39	d	Acrylonitrile	107-13-1	ug/L	12/17/2009	ND	
MW-39	d	Benzene	71-43-2	ug/L	12/17/2009	ND	
MW-39	d	Bromochloromethane	74-97-5	ug/L	12/17/2009	ND	
MW-39	d	Bromodichloromethane	75-27-4	ug/L	12/17/2009	ND	
MW-39	d	Bromoform	75-25-2	ug/L	12/17/2009	ND	
MW-39	d	Carbon Disulfide	75-15-0	ug/L	12/17/2009	ND	
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	12/17/2009	ND	
MW-39	d	Chlorobenzene	108-90-7	ug/L	12/17/2009	ND	
MW-39	d	Chloroethane	75-00-3	ug/L	12/17/2009	ND	
MW-39	d	Chloroform	67-66-3	ug/L	12/17/2009	ND	
MW-39	d	Chlorodibromomethane	124-48-1	ug/L	12/17/2009	ND	
MW-39	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/17/2009	ND	
MW-39	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/17/2009	ND	
MW-39	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/17/2009	ND	
MW-39	d	1,1-Dichloroethane	75-34-3	ug/L	12/17/2009	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	12/17/2009	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	12/17/2009	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/17/2009	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/17/2009	ND	
MW-39	d	1,2-Dichloropropane	78-87-5	ug/L	12/17/2009	ND	
MW-39	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/17/2009	ND	
MW-39	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/17/2009	ND	
MW-39	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/17/2009	ND	
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/17/2009	ND	
MW-39	d	Ethylbenzene	100-41-4	ug/L	12/17/2009	ND	
MW-39	d	2-Hexanone	591-78-6	ug/L	12/17/2009	ND	
MW-39	d	Bromomethane	74-83-9	ug/L	12/17/2009	ND	
MW-39	d	Chloromethane	74-87-3	ug/L	12/17/2009	ND	
MW-39	d	2-Butanone	78-93-3	ug/L	12/17/2009	ND	
MW-39	d	Iodomethane	74-88-4	ug/L	12/17/2009	ND	
MW-39	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/17/2009	ND	
MW-39	d	Methylene Chloride	75-09-2	ug/L	12/17/2009	ND	
MW-39	d	Styrene	100-42-5	ug/L	12/17/2009	ND	
MW-39	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/17/2009	ND	
MW-39	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/17/2009	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	12/17/2009	ND	
MW-39	d	Toluene	108-88-3	ug/L	12/17/2009	ND	
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/17/2009	ND	
MW-39	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/17/2009	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	12/17/2009	ND	
MW-39	d	Trichlorofluoromethane	75-69-4	ug/L	12/17/2009	ND	
MW-39	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/17/2009	ND	
MW-39	d	Vinyl Acetate	108-05-4	ug/L	12/17/2009	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	12/17/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	Xylenes, total	1330-20-7	ug/L	12/17/2009	ND	
MW-39	d	Methylene Bromide	74-95-3	ug/L	12/17/2009	ND	
MW-51	d	Antimony	7440-36-0	mg/L	12/17/2009	ND	
MW-51	d	Arsenic	7440-38-2	mg/L	12/17/2009		0.00126
MW-51	d	Barium	7440-39-3	mg/L	12/17/2009		0.211
MW-51	d	Beryllium	7440-41-7	mg/L	12/17/2009	ND	
MW-51	d	Cadmium	7440-43-9	mg/L	12/17/2009	ND	
MW-51	d	Chromium	7440-47-3	mg/L	12/17/2009	ND	
MW-51	d	Cobalt	7440-48-4	mg/L	12/17/2009	ND	
MW-51	d	Copper	7440-50-8	mg/L	12/17/2009	ND	
MW-51	d	Lead	7439-92-1	mg/L	12/17/2009	ND	
MW-51	d	Nickel	7440-02-0	mg/L	12/17/2009	ND	
MW-51	d	Selenium	7782-49-2	mg/L	12/17/2009	ND	
MW-51	d	Silver	7440-22-4	mg/L	12/17/2009	ND	
MW-51	d	Thallium	7440-28-0	mg/L	12/17/2009	ND	
MW-51	d	Vanadium	7440-62-2	mg/L	12/17/2009	ND	
MW-51	d	Zinc	7440-66-6	mg/L	12/17/2009		0.0713
MW-51	d	Mercury	7439-97-6	mg/L	12/17/2009	ND	
MW-51	d	Tin	7440-31-5	mg/L	12/17/2009		0.173
MW-51	d	Acetone	67-64-1	ug/L	12/17/2009	ND	
MW-51	d	Acrylonitrile	107-13-1	ug/L	12/17/2009	ND	
MW-51	d	Benzene	71-43-2	ug/L	12/17/2009	ND	
MW-51	d	Bromochloromethane	74-97-5	ug/L	12/17/2009	ND	
MW-51	d	Bromodichloromethane	75-27-4	ug/L	12/17/2009	ND	
MW-51	d	Bromoform	75-25-2	ug/L	12/17/2009	ND	
MW-51	d	Carbon Disulfide	75-15-0	ug/L	12/17/2009	ND	
MW-51	d	Carbon Tetrachloride	56-23-5	ug/L	12/17/2009	ND	
MW-51	d	Chlorobenzene	108-90-7	ug/L	12/17/2009	ND	
MW-51	d	Chloroethane	75-00-3	ug/L	12/17/2009	ND	
MW-51	d	Chloroform	67-66-3	ug/L	12/17/2009	ND	
MW-51	d	Chlorodibromomethane	124-48-1	ug/L	12/17/2009	ND	
MW-51	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/17/2009	ND	
MW-51	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/17/2009	ND	
MW-51	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/17/2009	ND	
MW-51	d	1,1-Dichloroethane	75-34-3	ug/L	12/17/2009		1.01
MW-51	d	1,2-Dichloroethane	107-06-2	ug/L	12/17/2009	ND	
MW-51	d	1,1-Dichloroethene	75-35-4	ug/L	12/17/2009	ND	
MW-51	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/17/2009		2.61
MW-51	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/17/2009	ND	
MW-51	d	1,2-Dichloropropane	78-87-5	ug/L	12/17/2009	ND	
MW-51	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/17/2009	ND	
MW-51	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/17/2009	ND	
MW-51	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/17/2009	ND	
MW-51	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/17/2009	ND	
MW-51	d	Ethylbenzene	100-41-4	ug/L	12/17/2009	ND	
MW-51	d	2-Hexanone	591-78-6	ug/L	12/17/2009	ND	
MW-51	d	Bromomethane	74-83-9	ug/L	12/17/2009	ND	
MW-51	d	Chloromethane	74-87-3	ug/L	12/17/2009	ND	
MW-51	d	2-Butanone	78-93-3	ug/L	12/17/2009	ND	
MW-51	d	Iodomethane	74-88-4	ug/L	12/17/2009	ND	
MW-51	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/17/2009	ND	
MW-51	d	Methylene Chloride	75-09-2	ug/L	12/17/2009	ND	
MW-51	d	Styrene	100-42-5	ug/L	12/17/2009	ND	
MW-51	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/17/2009	ND	
MW-51	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/17/2009	ND	
MW-51	d	Tetrachloroethene	127-18-4	ug/L	12/17/2009	ND	
MW-51	d	Toluene	108-88-3	ug/L	12/17/2009	ND	
MW-51	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/17/2009	ND	
MW-51	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/17/2009	ND	
MW-51	d	Trichloroethene	79-01-6	ug/L	12/17/2009	ND	
MW-51	d	Trichlorofluoromethane	75-69-4	ug/L	12/17/2009	ND	
MW-51	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/17/2009	ND	
MW-51	d	Vinyl Acetate	108-05-4	ug/L	12/17/2009	ND	
MW-51	d	Vinyl Chloride	75-01-4	ug/L	12/17/2009	ND	
MW-51	d	Xylenes, total	1330-20-7	ug/L	12/17/2009	ND	
MW-51	d	1,1-Dichloropropene	563-58-6	ug/L	12/17/2009	ND	
MW-51	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	12/17/2009	ND	
MW-51	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	12/17/2009	ND	
MW-51	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	12/17/2009	ND	
MW-51	d	1,3-Dichlorobenzene	541-73-1	ug/L	12/17/2009	ND	
MW-51	d	1,3-Dichloropropane	142-28-9	ug/L	12/17/2009	ND	
MW-51	d	1,3-Dinitrobenzene	99-65-0	ug/L	12/17/2009	ND	
MW-51	d	1,4-Naphthoquinone	130-15-4	ug/L	12/17/2009	ND	
MW-51	d	1,4-Phenylenediamine	106-50-3	ug/L	12/17/2009	ND	
MW-51	d	1-Naphthylamine	134-32-7	ug/L	12/17/2009	ND	
MW-51	d	2,2-Dichloropropane	594-20-7	ug/L	12/17/2009	ND	
MW-51	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	12/17/2009	ND	
MW-51	d	2,4,5-T [2C]	93-76-5	ug/L	12/17/2009	ND	
MW-51	d	2,4,5-Trichlorophenol	95-95-4	ug/L	12/17/2009	ND	
MW-51	d	2,4,6-Trichlorophenol	88-06-2	ug/L	12/17/2009	ND	
MW-51	d	2,4-D [2C]	94-75-7	ug/L	12/17/2009	ND	
MW-51	d	2,4-Dichlorophenol	120-83-2	ug/L	12/17/2009	ND	
MW-51	d	2,4-Dimethylphenol	105-67-9	ug/L	12/17/2009	ND	
MW-51	d	2,4-Dinitrophenol	51-28-5	ug/L	12/17/2009	ND	
MW-51	d	2,4-Dinitrotoluene	121-14-2	ug/L	12/17/2009	ND	
MW-51	d	2,6-Dichlorophenol	87-65-0	ug/L	12/17/2009	ND	
MW-51	d	2,6-Dinitrotoluene	606-20-2	ug/L	12/17/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-51	d	2-Acetylaminofluorene	53-96-3	ug/L	12/17/2009	ND	
MW-51	d	2-Chloronaphthalene	91-58-7	ug/L	12/17/2009	ND	
MW-51	d	2-Chlorophenol	95-57-8	ug/L	12/17/2009	ND	
MW-51	d	2-Methylnaphthalene	91-57-6	ug/L	12/17/2009	ND	
MW-51	d	2-Methylphenol	95-48-7	ug/L	12/17/2009	ND	
MW-51	d	2-Naphthylamine	91-59-8	ug/L	12/17/2009	ND	
MW-51	d	2-Nitroaniline	88-74-4	ug/L	12/17/2009	ND	
MW-51	d	2-Nitrophenol	88-75-5	ug/L	12/17/2009	ND	
MW-51	d	3,3-Dichlorobenzidine	91-94-1	ug/L	12/17/2009	ND	
MW-51	d	3,3-Dimethylbenzidine	119-93-7	ug/L	12/17/2009	ND	
MW-51	d	3/4-Methylphenol	T-34MP	ug/L	12/17/2009	ND	
MW-51	d	3-Methylcholanthrene	56-49-5	ug/L	12/17/2009	ND	
MW-51	d	3-Nitroaniline	99-09-2	ug/L	12/17/2009	ND	
MW-51	d	4,4`-DDD	72-54-8	ug/L	12/17/2009	ND	
MW-51	d	4,4`-DDE	72-55-9	ug/L	12/17/2009	ND	
MW-51	d	4,4`-DDT	50-29-3	ug/L	12/17/2009	ND	
MW-51	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	12/17/2009	ND	
MW-51	d	4-Aminobiphenyl	92-67-1	ug/L	12/17/2009	ND	
MW-51	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	12/17/2009	ND	
MW-51	d	4-Chloro-3-methylphenol	59-50-7	ug/L	12/17/2009	ND	
MW-51	d	4-Chloroaniline	106-47-8	ug/L	12/17/2009	ND	
MW-51	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	12/17/2009	ND	
MW-51	d	4-Nitroaniline	100-01-6	ug/L	12/17/2009	ND	
MW-51	d	4-Nitrophenol	100-02-7	ug/L	12/17/2009	ND	
MW-51	d	5-Nitro-o-toluidine	99-55-8	ug/L	12/17/2009	ND	
MW-51	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	12/17/2009	ND	
MW-51	d	Acenaphthene	83-32-9	ug/L	12/17/2009	ND	
MW-51	d	Acenaphthylene	208-96-8	ug/L	12/17/2009	ND	
MW-51	d	Acetonitrile	75-05-8	ug/L	12/17/2009	ND	
MW-51	d	Acetophenone	98-86-2	ug/L	12/17/2009	ND	
MW-51	d	Acrolein	107-02-8	ug/L	12/17/2009	ND	
MW-51	d	Aldrin	309-00-2	ug/L	12/17/2009	ND	
MW-51	d	3-Chloropropene	107-05-1	ug/L	12/17/2009	ND	
MW-51	d	Alpha-BHC	319-84-6	ug/L	12/17/2009	ND	
MW-51	d	Anthracene	120-12-7	ug/L	12/17/2009	ND	
MW-51	d	Benzo [a] anthracene	56-55-3	ug/L	12/17/2009	ND	
MW-51	d	Benzo [a] pyrene	50-32-8	ug/L	12/17/2009	ND	
MW-51	d	Benzo [b] fluoranthene	205-99-2	ug/L	12/17/2009	ND	
MW-51	d	Benzo [g,h,i] perylene	191-24-2	ug/L	12/17/2009	ND	
MW-51	d	Benzo [k] fluoranthene	207-08-9	ug/L	12/17/2009	ND	
MW-51	d	Benzyl alcohol	100-51-6	ug/L	12/17/2009	ND	
MW-51	d	Beta-BHC	319-85-7	ug/L	12/17/2009	ND	
MW-51	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	12/17/2009	ND	
MW-51	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	12/17/2009	ND	
MW-51	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	12/17/2009	ND	
MW-51	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	12/17/2009	ND	
MW-51	d	Butyl benzyl phthalate	85-68-7	ug/L	12/17/2009	ND	
MW-51	d	Chlordane	57-74-9	ug/L	12/17/2009	ND	
MW-51	d	Chlorobenzilate	510-15-6	ug/L	12/17/2009	ND	
MW-51	d	Chloroprene	126-99-8	ug/L	12/17/2009	ND	
MW-51	d	Chrysene	218-01-9	ug/L	12/17/2009	ND	
MW-51	d	Cyanide	57-12-5	mg/L	12/17/2009	ND	
MW-51	d	Delta-BHC	319-86-8	ug/L	12/17/2009	ND	
MW-51	d	Diallate [cis or trans]	2303-16-4	ug/L	12/17/2009	ND	
MW-51	d	Dibenz [a,h] anthracene	53-70-3	ug/L	12/17/2009	ND	
MW-51	d	Dibenzofuran	132-64-9	ug/L	12/17/2009	ND	
MW-51	d	Dichlorodifluoromethane	75-71-8	ug/L	12/17/2009	ND	
MW-51	d	Dieldrin	60-57-1	ug/L	12/17/2009	ND	
MW-51	d	Diethyl phthalate	84-66-2	ug/L	12/17/2009	ND	
MW-51	d	Dimethoate	60-51-5	ug/L	12/17/2009	ND	
MW-51	d	Dimethyl phthalate	131-11-3	ug/L	12/17/2009	ND	
MW-51	d	Di-n-butyl phthalate	84-74-2	ug/L	12/17/2009	ND	
MW-51	d	Di-n-octyl phthalate	117-84-0	ug/L	12/17/2009	ND	
MW-51	d	Dinoseb	88-85-7	ug/L	12/17/2009	ND	
MW-51	d	Diphenylamine	122-39-4	ug/L	12/17/2009	ND	
MW-51	d	Disulfoton	298-04-4	ug/L	12/17/2009	ND	
MW-51	d	Endosulfan I	959-98-8	ug/L	12/17/2009	ND	
MW-51	d	Endosulfan II	33213-65-9	ug/L	12/17/2009	ND	
MW-51	d	Endosulfan sulfate	1031-07-8	ug/L	12/17/2009	ND	
MW-51	d	Endrin	72-20-8	ug/L	12/17/2009	ND	
MW-51	d	Endrin aldehyde	7421-93-4	ug/L	12/17/2009	ND	
MW-51	d	Ethyl Methacrylate	97-63-2	ug/L	12/17/2009	ND	
MW-51	d	Ethyl Methanesulfonate	62-50-0	ug/L	12/17/2009	ND	
MW-51	d	Famphur	52-85-7	ug/L	12/17/2009	ND	
MW-51	d	Fluoranthene	206-44-0	ug/L	12/17/2009	ND	
MW-51	d	Fluorene	86-73-7	ug/L	12/17/2009	ND	
MW-51	d	Gamma-BHC [Lindane]	58-89-9	ug/L	12/17/2009	ND	
MW-51	d	Heptachlor	76-44-8	ug/L	12/17/2009	ND	
MW-51	d	Heptachlor Epoxide	1024-57-3	ug/L	12/17/2009	ND	
MW-51	d	Hexachlorobenzene	118-74-1	ug/L	12/17/2009	ND	
MW-51	d	Hexachlorobutadiene	87-68-3	ug/L	12/17/2009	ND	
MW-51	d	Hexachlorocyclopentadiene	77-47-4	ug/L	12/17/2009	ND	
MW-51	d	Hexachloroethane	67-72-1	ug/L	12/17/2009	ND	
MW-51	d	Hexachloropropene	1888-71-7	ug/L	12/17/2009	ND	
MW-51	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	12/17/2009	ND	
MW-51	d	Isobutanol	78-83-1	mg/L	12/17/2009	ND	
MW-51	d	Isodrin	465-73-6	ug/L	12/17/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-51	d	Isophorone	78-59-1	ug/L	12/17/2009	ND	
MW-51	d	Isosafrole	120-58-1	ug/L	12/17/2009	ND	
MW-51	d	Kepone	143-50-0	ug/L	12/17/2009	ND	
MW-51	d	Methacrylonitrile	126-98-7	ug/L	12/17/2009	ND	
MW-51	d	Methapyrilene	91-80-5	ug/L	12/17/2009	ND	
MW-51	d	Methoxychlor	72-43-5	ug/L	12/17/2009	ND	
MW-51	d	Methyl Methacrylate	80-62-6	ug/L	12/17/2009	ND	
MW-51	d	Methyl Methanesulfonate	66-27-3	ug/L	12/17/2009	ND	
MW-51	d	Naphthalene	91-20-3	ug/L	12/17/2009	ND	
MW-51	d	Nitrobenzene	98-95-3	ug/L	12/17/2009	ND	
MW-51	d	N-Nitrosodiethylamine	55-18-5	ug/L	12/17/2009	ND	
MW-51	d	N-Nitrosodimethylamine	62-75-9	ug/L	12/17/2009	ND	
MW-51	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	12/17/2009	ND	
MW-51	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	12/17/2009	ND	
MW-51	d	N-Nitrosodiphenylamine	86-30-6	ug/L	12/17/2009	ND	
MW-51	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	12/17/2009	ND	
MW-51	d	N-Nitrosopiperidine	100-75-4	ug/L	12/17/2009	ND	
MW-51	d	N-Nitrosopyrrolidine	930-55-2	ug/L	12/17/2009	ND	
MW-51	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	12/17/2009	ND	
MW-51	d	o-Toluidine	95-53-4	ug/L	12/17/2009	ND	
MW-51	d	Dimethylaminoazobenzene	60-11-7	ug/L	12/17/2009	ND	
MW-51	d	Parathion-Ethyl	56-38-2	ug/L	12/17/2009	ND	
MW-51	d	Parathion-Methyl	298-00-0	ug/L	12/17/2009	ND	
MW-51	d	PCB-1016	12674-11-2	ug/L	12/17/2009	ND	
MW-51	d	PCB-1221	11104-28-2	ug/L	12/17/2009	ND	
MW-51	d	PCB-1232	11141-16-5	ug/L	12/17/2009	ND	
MW-51	d	PCB-1242	53469-21-9	ug/L	12/17/2009	ND	
MW-51	d	PCB-1248	12672-29-6	ug/L	12/17/2009	ND	
MW-51	d	PCB-1254	11097-69-1	ug/L	12/17/2009	ND	
MW-51	d	PCB-1260	11096-82-5	ug/L	12/17/2009	ND	
MW-51	d	Pentachlorobenzene	608-93-5	ug/L	12/17/2009	ND	
MW-51	d	Pentachloronitrobenzene	82-68-8	ug/L	12/17/2009	ND	
MW-51	d	Pentachlorophenol [2C]	87-86-5	ug/L	12/17/2009	ND	
MW-51	d	Phenacetin	62-44-2	ug/L	12/17/2009	ND	
MW-51	d	Phenanthrene	85-01-8	ug/L	12/17/2009	ND	
MW-51	d	Phenol	108-95-2	ug/L	12/17/2009	ND	
MW-51	d	Phorate	298-02-2	ug/L	12/17/2009	ND	
MW-51	d	Pronamide	23950-58-5	ug/L	12/17/2009	ND	
MW-51	d	Propionitrile	107-12-0	ug/L	12/17/2009	ND	
MW-51	d	Pyrene	129-00-0	ug/L	12/17/2009	ND	
MW-51	d	Safrole	94-59-7	ug/L	12/17/2009	ND	
MW-51	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	12/17/2009	ND	
MW-51	d	Sulfide	18496-25-8	mg/L	12/17/2009	ND	
MW-51	d	Thionazin	297-97-2	ug/L	12/17/2009	ND	
MW-51	d	Toxaphene	8001-35-2	ug/L	12/17/2009	ND	
MW-51	d	Methylene Bromide	74-95-3	ug/L	12/17/2009	ND	
MW-53	d	Antimony	7440-36-0	mg/L	12/17/2009	ND	
MW-53	d	Arsenic	7440-38-2	mg/L	12/17/2009	ND	
MW-53	d	Barium	7440-39-3	mg/L	12/17/2009		1.67
MW-53	d	Beryllium	7440-41-7	mg/L	12/17/2009	ND	
MW-53	d	Cadmium	7440-43-9	mg/L	12/17/2009	ND	
MW-53	d	Chromium	7440-47-3	mg/L	12/17/2009	ND	
MW-53	d	Cobalt	7440-48-4	mg/L	12/17/2009	ND	
MW-53	d	Copper	7440-50-8	mg/L	12/17/2009	ND	
MW-53	d	Lead	7439-92-1	mg/L	12/17/2009	ND	
MW-53	d	Nickel	7440-02-0	mg/L	12/17/2009	ND	
MW-53	d	Selenium	7782-49-2	mg/L	12/17/2009	ND	
MW-53	d	Silver	7440-22-4	mg/L	12/17/2009	ND	
MW-53	d	Thallium	7440-28-0	mg/L	12/17/2009	ND	
MW-53	d	Vanadium	7440-62-2	mg/L	12/17/2009	ND	
MW-53	d	Zinc	7440-66-6	mg/L	12/17/2009		0.106
MW-53	d	Mercury	7439-97-6	mg/L	12/17/2009	ND	
MW-53	d	Tin	7440-31-5	mg/L	12/17/2009	ND	
MW-53	d	Acetone	67-64-1	ug/L	12/17/2009	ND	
MW-53	d	Acrylonitrile	107-13-1	ug/L	12/17/2009	ND	
MW-53	d	Benzene	71-43-2	ug/L	12/17/2009		10.3
MW-53	d	Bromochloromethane	74-97-5	ug/L	12/17/2009	ND	
MW-53	d	Bromodichloromethane	75-27-4	ug/L	12/17/2009	ND	
MW-53	d	Bromoform	75-25-2	ug/L	12/17/2009	ND	
MW-53	d	Carbon Disulfide	75-15-0	ug/L	12/17/2009	ND	
MW-53	d	Carbon Tetrachloride	56-23-5	ug/L	12/17/2009	ND	
MW-53	d	Chlorobenzene	108-90-7	ug/L	12/17/2009		7.19
MW-53	d	Chloroethane	75-00-3	ug/L	12/17/2009	ND	
MW-53	d	Chloroform	67-66-3	ug/L	12/17/2009	ND	
MW-53	d	Chlorodibromomethane	124-48-1	ug/L	12/17/2009	ND	
MW-53	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/17/2009	ND	
MW-53	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/17/2009	ND	
MW-53	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/17/2009	ND	
MW-53	d	1,1-Dichloroethane	75-34-3	ug/L	12/17/2009		1.3
MW-53	d	1,2-Dichloroethane	107-06-2	ug/L	12/17/2009	ND	
MW-53	d	1,1-Dichloroethene	75-35-4	ug/L	12/17/2009	ND	
MW-53	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/17/2009		4.26
MW-53	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/17/2009	ND	
MW-53	d	1,2-Dichloropropane	78-87-5	ug/L	12/17/2009	ND	
MW-53	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/17/2009	ND	
MW-53	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/17/2009	ND	
MW-53	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/17/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-53	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/17/2009		1.89
MW-53	d	Ethylbenzene	100-41-4	ug/L	12/17/2009		34.9
MW-53	d	2-Hexanone	591-78-6	ug/L	12/17/2009	ND	
MW-53	d	Bromomethane	74-83-9	ug/L	12/17/2009	ND	
MW-53	d	Chloromethane	74-87-3	ug/L	12/17/2009	ND	
MW-53	d	2-Butanone	78-93-3	ug/L	12/17/2009	ND	
MW-53	d	Iodomethane	74-88-4	ug/L	12/17/2009	ND	
MW-53	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/17/2009	ND	
MW-53	d	Methylene Chloride	75-09-2	ug/L	12/17/2009	ND	
MW-53	d	Styrene	100-42-5	ug/L	12/17/2009	ND	
MW-53	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/17/2009	ND	
MW-53	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/17/2009	ND	
MW-53	d	Tetrachloroethene	127-18-4	ug/L	12/17/2009	ND	
MW-53	d	Toluene	108-88-3	ug/L	12/17/2009		3.3
MW-53	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/17/2009	ND	
MW-53	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/17/2009	ND	
MW-53	d	Trichloroethene	79-01-6	ug/L	12/17/2009	ND	
MW-53	d	Trichlorofluoromethane	75-69-4	ug/L	12/17/2009	ND	
MW-53	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/17/2009	ND	
MW-53	d	Vinyl Acetate	108-05-4	ug/L	12/17/2009	ND	
MW-53	d	Vinyl Chloride	75-01-4	ug/L	12/17/2009		5.14
MW-53	d	Xylenes, total	1330-20-7	ug/L	12/17/2009		50.6
MW-53	d	1,1-Dichloropropene	563-58-6	ug/L	12/17/2009	ND	
MW-53	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	12/17/2009	ND	
MW-53	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	12/17/2009	ND	
MW-53	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	12/17/2009	ND	
MW-53	d	1,3-Dichlorobenzene	541-73-1	ug/L	12/17/2009	ND	
MW-53	d	1,3-Dichloropropane	142-28-9	ug/L	12/17/2009	ND	
MW-53	d	1,3-Dinitrobenzene	99-65-0	ug/L	12/17/2009	ND	
MW-53	d	1,4-Naphthoquinone	130-15-4	ug/L	12/17/2009	ND	
MW-53	d	1,4-Phenylenediamine	106-50-3	ug/L	12/17/2009	ND	
MW-53	d	1-Naphthylamine	134-32-7	ug/L	12/17/2009	ND	
MW-53	d	2,2-Dichloropropane	594-20-7	ug/L	12/17/2009	ND	
MW-53	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	12/17/2009	ND	
MW-53	d	2,4,5-T [2C]	93-76-5	ug/L	12/17/2009	ND	
MW-53	d	2,4,5-Trichlorophenol	95-95-4	ug/L	12/17/2009	ND	
MW-53	d	2,4,6-Trichlorophenol	88-06-2	ug/L	12/17/2009	ND	
MW-53	d	2,4-D [2C]	94-75-7	ug/L	12/17/2009	ND	
MW-53	d	2,4-Dichlorophenol	120-83-2	ug/L	12/17/2009	ND	
MW-53	d	2,4-Dimethylphenol	105-67-9	ug/L	12/17/2009	ND	
MW-53	d	2,4-Dinitrophenol	51-28-5	ug/L	12/17/2009	ND	
MW-53	d	2,4-Dinitrotoluene	121-14-2	ug/L	12/17/2009	ND	
MW-53	d	2,6-Dichlorophenol	87-65-0	ug/L	12/17/2009	ND	
MW-53	d	2,6-Dinitrotoluene	606-20-2	ug/L	12/17/2009	ND	
MW-53	d	2-Acetylaminofluorene	53-96-3	ug/L	12/17/2009	ND	
MW-53	d	2-Chloronaphthalene	91-58-7	ug/L	12/17/2009	ND	
MW-53	d	2-Chlorophenol	95-57-8	ug/L	12/17/2009	ND	
MW-53	d	2-Methylnaphthalene	91-57-6	ug/L	12/17/2009	ND	
MW-53	d	2-Methylphenol	95-48-7	ug/L	12/17/2009	ND	
MW-53	d	2-Naphthylamine	91-59-8	ug/L	12/17/2009	ND	
MW-53	d	2-Nitroaniline	88-74-4	ug/L	12/17/2009	ND	
MW-53	d	2-Nitrophenol	88-75-5	ug/L	12/17/2009	ND	
MW-53	d	3,3-Dichlorobenzidine	91-94-1	ug/L	12/17/2009	ND	
MW-53	d	3,3-Dimethylbenzidine	119-93-7	ug/L	12/17/2009	ND	
MW-53	d	3/4-Methylphenol	T-34MP	ug/L	12/17/2009	ND	
MW-53	d	3-Methylcholanthrene	56-49-5	ug/L	12/17/2009	ND	
MW-53	d	3-Nitroaniline	99-09-2	ug/L	12/17/2009	ND	
MW-53	d	4,4`-DDD	72-54-8	ug/L	12/17/2009	ND	
MW-53	d	4,4`-DDE	72-55-9	ug/L	12/17/2009	ND	
MW-53	d	4,4`-DDT	50-29-3	ug/L	12/17/2009	ND	
MW-53	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	12/17/2009	ND	
MW-53	d	4-Aminobiphenyl	92-67-1	ug/L	12/17/2009	ND	
MW-53	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	12/17/2009	ND	
MW-53	d	4-Chloro-3-methylphenol	59-50-7	ug/L	12/17/2009	ND	
MW-53	d	4-Chloroaniline	106-47-8	ug/L	12/17/2009	ND	
MW-53	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	12/17/2009	ND	
MW-53	d	4-Nitroaniline	100-01-6	ug/L	12/17/2009	ND	
MW-53	d	4-Nitrophenol	100-02-7	ug/L	12/17/2009	ND	
MW-53	d	5-Nitro-o-toluidine	99-55-8	ug/L	12/17/2009	ND	
MW-53	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	12/17/2009	ND	
MW-53	d	Acenaphthene	83-32-9	ug/L	12/17/2009	ND	
MW-53	d	Acenaphthylene	208-96-8	ug/L	12/17/2009	ND	
MW-53	d	Acetonitrile	75-05-8	ug/L	12/17/2009	ND	
MW-53	d	Acetophenone	98-86-2	ug/L	12/17/2009	ND	
MW-53	d	Acrolein	107-02-8	ug/L	12/17/2009	ND	
MW-53	d	Aldrin	309-00-2	ug/L	12/17/2009	ND	
MW-53	d	3-Chloropropene	107-05-1	ug/L	12/17/2009	ND	
MW-53	d	Alpha-BHC	319-84-6	ug/L	12/17/2009	ND	
MW-53	d	Anthracene	120-12-7	ug/L	12/17/2009	ND	
MW-53	d	Benzo [a] anthracene	56-55-3	ug/L	12/17/2009	ND	
MW-53	d	Benzo [a] pyrene	50-32-8	ug/L	12/17/2009	ND	
MW-53	d	Benzo [b] fluoranthene	205-99-2	ug/L	12/17/2009	ND	
MW-53	d	Benzo [g,h,i] perylene	191-24-2	ug/L	12/17/2009	ND	
MW-53	d	Benzo [k] fluoranthene	207-08-9	ug/L	12/17/2009	ND	
MW-53	d	Benzyl alcohol	100-51-6	ug/L	12/17/2009	ND	
MW-53	d	Beta-BHC	319-85-7	ug/L	12/17/2009	ND	
MW-53	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	12/17/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-53	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	12/17/2009	ND	
MW-53	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	12/17/2009	ND	
MW-53	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	12/17/2009	ND	
MW-53	d	Butyl benzyl phthalate	85-68-7	ug/L	12/17/2009	ND	
MW-53	d	Chlordane	57-74-9	ug/L	12/17/2009	ND	
MW-53	d	Chlorobenzilate	510-15-6	ug/L	12/17/2009	ND	
MW-53	d	Chloroprene	126-99-8	ug/L	12/17/2009	ND	
MW-53	d	Chrysene	218-01-9	ug/L	12/17/2009	ND	
MW-53	d	Cyanide	57-12-5	mg/L	12/17/2009	ND	
MW-53	d	Delta-BHC	319-86-8	ug/L	12/17/2009	ND	
MW-53	d	Diallate [cis or trans]	2303-16-4	ug/L	12/17/2009	ND	
MW-53	d	Dibenz [a,h] anthracene	53-70-3	ug/L	12/17/2009	ND	
MW-53	d	Dibenzofuran	132-64-9	ug/L	12/17/2009	ND	
MW-53	d	Dichlorodifluoromethane	75-71-8	ug/L	12/17/2009	ND	
MW-53	d	Dieldrin	60-57-1	ug/L	12/17/2009	ND	
MW-53	d	Diethyl phthalate	84-66-2	ug/L	12/17/2009	ND	
MW-53	d	Dimethoate	60-51-5	ug/L	12/17/2009	ND	
MW-53	d	Dimethyl phthalate	131-11-3	ug/L	12/17/2009	ND	
MW-53	d	Di-n-butyl phthalate	84-74-2	ug/L	12/17/2009	ND	
MW-53	d	Di-n-octyl phthalate	117-84-0	ug/L	12/17/2009	ND	
MW-53	d	Dinoseb	88-85-7	ug/L	12/17/2009	ND	
MW-53	d	Diphenylamine	122-39-4	ug/L	12/17/2009	ND	
MW-53	d	Disulfoton	298-04-4	ug/L	12/17/2009	ND	
MW-53	d	Endosulfan I	959-98-8	ug/L	12/17/2009	ND	
MW-53	d	Endosulfan II	33213-65-9	ug/L	12/17/2009	ND	
MW-53	d	Endosulfan sulfate	1031-07-8	ug/L	12/17/2009	ND	
MW-53	d	Endrin	72-20-8	ug/L	12/17/2009	ND	
MW-53	d	Endrin aldehyde	7421-93-4	ug/L	12/17/2009	ND	
MW-53	d	Ethyl Methacrylate	97-63-2	ug/L	12/17/2009	ND	
MW-53	d	Ethyl Methanesulfonate	62-50-0	ug/L	12/17/2009	ND	
MW-53	d	Famphur	52-85-7	ug/L	12/17/2009	ND	
MW-53	d	Fluoranthene	206-44-0	ug/L	12/17/2009	ND	
MW-53	d	Fluorene	86-73-7	ug/L	12/17/2009	ND	
MW-53	d	Gamma-BHC [Lindane]	58-89-9	ug/L	12/17/2009	ND	
MW-53	d	Heptachlor	76-44-8	ug/L	12/17/2009	ND	
MW-53	d	Heptachlor Epoxide	1024-57-3	ug/L	12/17/2009	ND	
MW-53	d	Hexachlorobenzene	118-74-1	ug/L	12/17/2009	ND	
MW-53	d	Hexachlorobutadiene	87-68-3	ug/L	12/17/2009	ND	
MW-53	d	Hexachlorocyclopentadiene	77-47-4	ug/L	12/17/2009	ND	
MW-53	d	Hexachloroethane	67-72-1	ug/L	12/17/2009	ND	
MW-53	d	Hexachloropropene	1888-71-7	ug/L	12/17/2009	ND	
MW-53	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	12/17/2009	ND	
MW-53	d	Isobutanol	78-83-1	mg/L	12/17/2009	ND	
MW-53	d	Isodrin	465-73-6	ug/L	12/17/2009	ND	
MW-53	d	Isophorone	78-59-1	ug/L	12/17/2009	ND	
MW-53	d	Isosafrole	120-58-1	ug/L	12/17/2009	ND	
MW-53	d	Kepone	143-50-0	ug/L	12/17/2009	ND	
MW-53	d	Methacrylonitrile	126-98-7	ug/L	12/17/2009	ND	
MW-53	d	Methapyrilene	91-80-5	ug/L	12/17/2009	ND	
MW-53	d	Methoxychlor	72-43-5	ug/L	12/17/2009	ND	
MW-53	d	Methyl Methacrylate	80-62-6	ug/L	12/17/2009	ND	
MW-53	d	Methyl Methanesulfonate	66-27-3	ug/L	12/17/2009	ND	
MW-53	d	Naphthalene	91-20-3	ug/L	12/17/2009	ND	
MW-53	d	Nitrobenzene	98-95-3	ug/L	12/17/2009	ND	
MW-53	d	N-Nitrosodiethylamine	55-18-5	ug/L	12/17/2009	ND	
MW-53	d	N-Nitrosodimethylamine	62-75-9	ug/L	12/17/2009	ND	
MW-53	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	12/17/2009	ND	
MW-53	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	12/17/2009	ND	
MW-53	d	N-Nitrosodiphenylamine	86-30-6	ug/L	12/17/2009	ND	
MW-53	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	12/17/2009	ND	
MW-53	d	N-Nitrosopiperidine	100-75-4	ug/L	12/17/2009	ND	
MW-53	d	N-Nitrosopyrrolidine	930-55-2	ug/L	12/17/2009	ND	
MW-53	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	12/17/2009	ND	
MW-53	d	o-Toluidine	95-53-4	ug/L	12/17/2009	ND	
MW-53	d	Dimethylaminoazobenzene	60-11-7	ug/L	12/17/2009	ND	
MW-53	d	Parathion-Ethyl	56-38-2	ug/L	12/17/2009	ND	
MW-53	d	Parathion-Methyl	298-00-0	ug/L	12/17/2009	ND	
MW-53	d	PCB-1016	12674-11-2	ug/L	12/17/2009	ND	
MW-53	d	PCB-1221	11104-28-2	ug/L	12/17/2009	ND	
MW-53	d	PCB-1232	11141-16-5	ug/L	12/17/2009	ND	
MW-53	d	PCB-1242	53469-21-9	ug/L	12/17/2009	ND	
MW-53	d	PCB-1248	12672-29-6	ug/L	12/17/2009	ND	
MW-53	d	PCB-1254	11097-69-1	ug/L	12/17/2009	ND	
MW-53	d	PCB-1260	11096-82-5	ug/L	12/17/2009	ND	
MW-53	d	Pentachlorobenzene	608-93-5	ug/L	12/17/2009	ND	
MW-53	d	Pentachloronitrobenzene	82-68-8	ug/L	12/17/2009	ND	
MW-53	d	Pentachlorophenol [2C]	87-86-5	ug/L	12/17/2009	ND	
MW-53	d	Phenacetin	62-44-2	ug/L	12/17/2009	ND	
MW-53	d	Phenanthrene	85-01-8	ug/L	12/17/2009	ND	
MW-53	d	Phenol	108-95-2	ug/L	12/17/2009	ND	
MW-53	d	Phorate	298-02-2	ug/L	12/17/2009	ND	
MW-53	d	Pronamide	23950-58-5	ug/L	12/17/2009	ND	
MW-53	d	Propionitrile	107-12-0	ug/L	12/17/2009	ND	
MW-53	d	Pyrene	129-00-0	ug/L	12/17/2009	ND	
MW-53	d	Safrole	94-59-7	ug/L	12/17/2009	ND	
MW-53	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	12/17/2009	ND	
MW-53	d	Sulfide	18496-25-8	mg/L	12/17/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-53	d	Thionazin	297-97-2	ug/L	12/17/2009	ND	
MW-53	d	Toxaphene	8001-35-2	ug/L	12/17/2009	ND	
MW-53	d	Methylene Bromide	74-95-3	ug/L	12/17/2009	ND	
MW-54	d	Antimony	7440-36-0	mg/L	12/17/2009	ND	
MW-54	d	Arsenic	7440-38-2	mg/L	12/17/2009		0.0286
MW-54	d	Barium	7440-39-3	mg/L	12/17/2009		0.0721
MW-54	d	Beryllium	7440-41-7	mg/L	12/17/2009	ND	
MW-54	d	Cadmium	7440-43-9	mg/L	12/17/2009	ND	
MW-54	d	Chromium	7440-47-3	mg/L	12/17/2009	ND	
MW-54	d	Cobalt	7440-48-4	mg/L	12/17/2009		0.00333
MW-54	d	Copper	7440-50-8	mg/L	12/17/2009	ND	
MW-54	d	Lead	7439-92-1	mg/L	12/17/2009	ND	
MW-54	d	Nickel	7440-02-0	mg/L	12/17/2009	ND	
MW-54	d	Selenium	7782-49-2	mg/L	12/17/2009	ND	
MW-54	d	Silver	7440-22-4	mg/L	12/17/2009	ND	
MW-54	d	Thallium	7440-28-0	mg/L	12/17/2009	ND	
MW-54	d	Vanadium	7440-62-2	mg/L	12/17/2009	ND	
MW-54	d	Zinc	7440-66-6	mg/L	12/17/2009		0.108
MW-54	d	Mercury	7439-97-6	mg/L	12/17/2009	ND	
MW-54	d	Tin	7440-31-5	mg/L	12/17/2009		0.206
MW-54	d	Acetone	67-64-1	ug/L	12/17/2009	ND	
MW-54	d	Acrylonitrile	107-13-1	ug/L	12/17/2009	ND	
MW-54	d	Benzene	71-43-2	ug/L	12/17/2009	ND	
MW-54	d	Bromochloromethane	74-97-5	ug/L	12/17/2009	ND	
MW-54	d	Bromodichloromethane	75-27-4	ug/L	12/17/2009	ND	
MW-54	d	Bromoform	75-25-2	ug/L	12/17/2009	ND	
MW-54	d	Carbon Disulfide	75-15-0	ug/L	12/17/2009	ND	
MW-54	d	Carbon Tetrachloride	56-23-5	ug/L	12/17/2009	ND	
MW-54	d	Chlorobenzene	108-90-7	ug/L	12/17/2009	ND	
MW-54	d	Chloroethane	75-00-3	ug/L	12/17/2009	ND	
MW-54	d	Chloroform	67-66-3	ug/L	12/17/2009	ND	
MW-54	d	Chlorodibromomethane	124-48-1	ug/L	12/17/2009	ND	
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/17/2009	ND	
MW-54	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/17/2009	ND	
MW-54	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/17/2009	ND	
MW-54	d	1,1-Dichloroethane	75-34-3	ug/L	12/17/2009	ND	
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	12/17/2009	ND	
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	12/17/2009	ND	
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/17/2009	ND	
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/17/2009	ND	
MW-54	d	1,2-Dichloropropane	78-87-5	ug/L	12/17/2009	ND	
MW-54	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/17/2009	ND	
MW-54	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/17/2009	ND	
MW-54	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/17/2009	ND	
MW-54	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/17/2009	ND	
MW-54	d	Ethylbenzene	100-41-4	ug/L	12/17/2009	ND	
MW-54	d	2-Hexanone	591-78-6	ug/L	12/17/2009	ND	
MW-54	d	Bromomethane	74-83-9	ug/L	12/17/2009	ND	
MW-54	d	Chloromethane	74-87-3	ug/L	12/17/2009	ND	
MW-54	d	2-Butanone	78-93-3	ug/L	12/17/2009	ND	
MW-54	d	Iodomethane	74-88-4	ug/L	12/17/2009	ND	
MW-54	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/17/2009	ND	
MW-54	d	Methylene Chloride	75-09-2	ug/L	12/17/2009	ND	
MW-54	d	Styrene	100-42-5	ug/L	12/17/2009	ND	
MW-54	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/17/2009	ND	
MW-54	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/17/2009	ND	
MW-54	d	Tetrachloroethene	127-18-4	ug/L	12/17/2009	ND	
MW-54	d	Toluene	108-88-3	ug/L	12/17/2009	ND	
MW-54	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/17/2009	ND	
MW-54	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/17/2009	ND	
MW-54	d	Trichloroethene	79-01-6	ug/L	12/17/2009	ND	
MW-54	d	Trichlorofluoromethane	75-69-4	ug/L	12/17/2009	ND	
MW-54	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/17/2009	ND	
MW-54	d	Vinyl Acetate	108-05-4	ug/L	12/17/2009	ND	
MW-54	d	Vinyl Chloride	75-01-4	ug/L	12/17/2009	ND	
MW-54	d	Xylenes, total	1330-20-7	ug/L	12/17/2009	ND	
MW-54	d	1,1-Dichloropropene	563-58-6	ug/L	12/17/2009	ND	
MW-54	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	12/17/2009	ND	
MW-54	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	12/17/2009	ND	
MW-54	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	12/17/2009	ND	
MW-54	d	1,3-Dichlorobenzene	541-73-1	ug/L	12/17/2009	ND	
MW-54	d	1,3-Dichloropropane	142-28-9	ug/L	12/17/2009	ND	
MW-54	d	1,3-Dinitrobenzene	99-65-0	ug/L	12/17/2009	ND	
MW-54	d	1,4-Naphthoquinone	130-15-4	ug/L	12/17/2009	ND	
MW-54	d	1,4-Phenylenediamine	106-50-3	ug/L	12/17/2009	ND	
MW-54	d	1-Naphthylamine	134-32-7	ug/L	12/17/2009	ND	
MW-54	d	2,2-Dichloropropane	594-20-7	ug/L	12/17/2009	ND	
MW-54	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	12/17/2009	ND	
MW-54	d	2,4,5-T [2C]	93-76-5	ug/L	12/17/2009	ND	
MW-54	d	2,4,5-Trichlorophenol	95-95-4	ug/L	12/17/2009	ND	
MW-54	d	2,4,6-Trichlorophenol	88-06-2	ug/L	12/17/2009	ND	
MW-54	d	2,4-D [2C]	94-75-7	ug/L	12/17/2009	ND	
MW-54	d	2,4-Dichlorophenol	120-83-2	ug/L	12/17/2009	ND	
MW-54	d	2,4-Dimethylphenol	105-67-9	ug/L	12/17/2009	ND	
MW-54	d	2,4-Dinitrophenol	51-28-5	ug/L	12/17/2009	ND	
MW-54	d	2,4-Dinitrotoluene	121-14-2	ug/L	12/17/2009	ND	
MW-54	d	2,6-Dichlorophenol	87-65-0	ug/L	12/17/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-54	d	2,6-Dinitrotoluene	606-20-2	ug/L	12/17/2009	ND	
MW-54	d	2-Acetylaminofluorene	53-96-3	ug/L	12/17/2009	ND	
MW-54	d	2-Chloronaphthalene	91-58-7	ug/L	12/17/2009	ND	
MW-54	d	2-Chlorophenol	95-57-8	ug/L	12/17/2009	ND	
MW-54	d	2-Methylnaphthalene	91-57-6	ug/L	12/17/2009	ND	
MW-54	d	2-Methylphenol	95-48-7	ug/L	12/17/2009	ND	
MW-54	d	2-Naphthylamine	91-59-8	ug/L	12/17/2009	ND	
MW-54	d	2-Nitroaniline	88-74-4	ug/L	12/17/2009	ND	
MW-54	d	2-Nitrophenol	88-75-5	ug/L	12/17/2009	ND	
MW-54	d	3,3-Dichlorobenzidine	91-94-1	ug/L	12/17/2009	ND	
MW-54	d	3,3-Dimethylbenzidine	119-93-7	ug/L	12/17/2009	ND	
MW-54	d	3/4-Methylphenol	T-34MP	ug/L	12/17/2009	ND	
MW-54	d	3-Methylcholanthrene	56-49-5	ug/L	12/17/2009	ND	
MW-54	d	3-Nitroaniline	99-09-2	ug/L	12/17/2009	ND	
MW-54	d	4,4`-DDD	72-54-8	ug/L	12/17/2009	ND	
MW-54	d	4,4`-DDE	72-55-9	ug/L	12/17/2009	ND	
MW-54	d	4,4`-DDT	50-29-3	ug/L	12/17/2009	ND	
MW-54	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	12/17/2009	ND	
MW-54	d	4-Aminobiphenyl	92-67-1	ug/L	12/17/2009	ND	
MW-54	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	12/17/2009	ND	
MW-54	d	4-Chloro-3-methylphenol	59-50-7	ug/L	12/17/2009	ND	
MW-54	d	4-Chloroaniline	106-47-8	ug/L	12/17/2009	ND	
MW-54	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	12/17/2009	ND	
MW-54	d	4-Nitroaniline	100-01-6	ug/L	12/17/2009	ND	
MW-54	d	4-Nitrophenol	100-02-7	ug/L	12/17/2009	ND	
MW-54	d	5-Nitro-o-toluidine	99-55-8	ug/L	12/17/2009	ND	
MW-54	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	12/17/2009	ND	
MW-54	d	Acenaphthene	83-32-9	ug/L	12/17/2009	ND	
MW-54	d	Acenaphthylene	208-96-8	ug/L	12/17/2009	ND	
MW-54	d	Acetonitrile	75-05-8	ug/L	12/17/2009	ND	
MW-54	d	Acetophenone	98-86-2	ug/L	12/17/2009	ND	
MW-54	d	Acrolein	107-02-8	ug/L	12/17/2009	ND	
MW-54	d	Aldrin	309-00-2	ug/L	12/17/2009	ND	
MW-54	d	3-Chloropropene	107-05-1	ug/L	12/17/2009	ND	
MW-54	d	Alpha-BHC	319-84-6	ug/L	12/17/2009	ND	
MW-54	d	Anthracene	120-12-7	ug/L	12/17/2009	ND	
MW-54	d	Benzo [a] anthracene	56-55-3	ug/L	12/17/2009	ND	
MW-54	d	Benzo [a] pyrene	50-32-8	ug/L	12/17/2009	ND	
MW-54	d	Benzo [b] fluoranthene	205-99-2	ug/L	12/17/2009	ND	
MW-54	d	Benzo [g,h,i] perylene	191-24-2	ug/L	12/17/2009	ND	
MW-54	d	Benzo [k] fluoranthene	207-08-9	ug/L	12/17/2009	ND	
MW-54	d	Benzyl alcohol	100-51-6	ug/L	12/17/2009	ND	
MW-54	d	Beta-BHC	319-85-7	ug/L	12/17/2009	ND	
MW-54	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	12/17/2009	ND	
MW-54	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	12/17/2009	ND	
MW-54	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	12/17/2009	ND	
MW-54	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	12/17/2009	ND	
MW-54	d	Butyl benzyl phthalate	85-68-7	ug/L	12/17/2009	ND	
MW-54	d	Chlordane	57-74-9	ug/L	12/17/2009	ND	
MW-54	d	Chlorobenzilate	510-15-6	ug/L	12/17/2009	ND	
MW-54	d	Chloroprene	126-99-8	ug/L	12/17/2009	ND	
MW-54	d	Chrysene	218-01-9	ug/L	12/17/2009	ND	
MW-54	d	Cyanide	57-12-5	mg/L	12/17/2009	ND	
MW-54	d	Delta-BHC	319-86-8	ug/L	12/17/2009	ND	
MW-54	d	Diallate [cis or trans]	2303-16-4	ug/L	12/17/2009	ND	
MW-54	d	Dibenz [a,h] anthracene	53-70-3	ug/L	12/17/2009	ND	
MW-54	d	Dibenzofuran	132-64-9	ug/L	12/17/2009	ND	
MW-54	d	Dichlorodifluoromethane	75-71-8	ug/L	12/17/2009	ND	
MW-54	d	Dieldrin	60-57-1	ug/L	12/17/2009	ND	
MW-54	d	Diethyl phthalate	84-66-2	ug/L	12/17/2009	ND	
MW-54	d	Dimethoate	60-51-5	ug/L	12/17/2009	ND	
MW-54	d	Dimethyl phthalate	131-11-3	ug/L	12/17/2009	ND	
MW-54	d	Di-n-butyl phthalate	84-74-2	ug/L	12/17/2009	ND	
MW-54	d	Di-n-octyl phthalate	117-84-0	ug/L	12/17/2009	ND	
MW-54	d	Dinoseb	88-85-7	ug/L	12/17/2009	ND	
MW-54	d	Diphenylamine	122-39-4	ug/L	12/17/2009	ND	
MW-54	d	Disulfoton	298-04-4	ug/L	12/17/2009	ND	
MW-54	d	Endosulfan I	959-98-8	ug/L	12/17/2009	ND	
MW-54	d	Endosulfan II	33213-65-9	ug/L	12/17/2009	ND	
MW-54	d	Endosulfan sulfate	1031-07-8	ug/L	12/17/2009	ND	
MW-54	d	Endrin	72-20-8	ug/L	12/17/2009	ND	
MW-54	d	Endrin aldehyde	7421-93-4	ug/L	12/17/2009	ND	
MW-54	d	Ethyl Methacrylate	97-63-2	ug/L	12/17/2009	ND	
MW-54	d	Ethyl Methanesulfonate	62-50-0	ug/L	12/17/2009	ND	
MW-54	d	Famphur	52-85-7	ug/L	12/17/2009	ND	
MW-54	d	Fluoranthene	206-44-0	ug/L	12/17/2009	ND	
MW-54	d	Fluorene	86-73-7	ug/L	12/17/2009	ND	
MW-54	d	Gamma-BHC [Lindane]	58-89-9	ug/L	12/17/2009	ND	
MW-54	d	Heptachlor	76-44-8	ug/L	12/17/2009	ND	
MW-54	d	Heptachlor Epoxide	1024-57-3	ug/L	12/17/2009	ND	
MW-54	d	Hexachlorobenzene	118-74-1	ug/L	12/17/2009	ND	
MW-54	d	Hexachlorobutadiene	87-68-3	ug/L	12/17/2009	ND	
MW-54	d	Hexachlorocyclopentadiene	77-47-4	ug/L	12/17/2009	ND	
MW-54	d	Hexachloroethane	67-72-1	ug/L	12/17/2009	ND	
MW-54	d	Hexachloropropene	1888-71-7	ug/L	12/17/2009	ND	
MW-54	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	12/17/2009	ND	
MW-54	d	Isobutanol	78-83-1	mg/L	12/17/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-54	d	Isodrin	465-73-6	ug/L	12/17/2009	ND	
MW-54	d	Isophorone	78-59-1	ug/L	12/17/2009	ND	
MW-54	d	Isosafrole	120-58-1	ug/L	12/17/2009	ND	
MW-54	d	Kepone	143-50-0	ug/L	12/17/2009	ND	
MW-54	d	Methacrylonitrile	126-98-7	ug/L	12/17/2009	ND	
MW-54	d	Methapyrilene	91-80-5	ug/L	12/17/2009	ND	
MW-54	d	Methoxychlor	72-43-5	ug/L	12/17/2009	ND	
MW-54	d	Methyl Methacrylate	80-62-6	ug/L	12/17/2009	ND	
MW-54	d	Methyl Methanesulfonate	66-27-3	ug/L	12/17/2009	ND	
MW-54	d	Naphthalene	91-20-3	ug/L	12/17/2009	ND	
MW-54	d	Nitrobenzene	98-95-3	ug/L	12/17/2009	ND	
MW-54	d	N-Nitrosodiethylamine	55-18-5	ug/L	12/17/2009	ND	
MW-54	d	N-Nitrosodimethylamine	62-75-9	ug/L	12/17/2009	ND	
MW-54	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	12/17/2009	ND	
MW-54	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	12/17/2009	ND	
MW-54	d	N-Nitrosodiphenylamine	86-30-6	ug/L	12/17/2009	ND	
MW-54	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	12/17/2009	ND	
MW-54	d	N-Nitrosopiperidine	100-75-4	ug/L	12/17/2009	ND	
MW-54	d	N-Nitrosopyrrolidine	930-55-2	ug/L	12/17/2009	ND	
MW-54	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	12/17/2009	ND	
MW-54	d	o-Toluidine	95-53-4	ug/L	12/17/2009	ND	
MW-54	d	Dimethylaminoazobenzene	60-11-7	ug/L	12/17/2009	ND	
MW-54	d	Parathion-Ethyl	56-38-2	ug/L	12/17/2009	ND	
MW-54	d	Parathion-Methyl	298-00-0	ug/L	12/17/2009	ND	
MW-54	d	PCB-1016	12674-11-2	ug/L	12/17/2009	ND	
MW-54	d	PCB-1221	11104-28-2	ug/L	12/17/2009	ND	
MW-54	d	PCB-1232	11141-16-5	ug/L	12/17/2009	ND	
MW-54	d	PCB-1242	53469-21-9	ug/L	12/17/2009	ND	
MW-54	d	PCB-1248	12672-29-6	ug/L	12/17/2009	ND	
MW-54	d	PCB-1254	11097-69-1	ug/L	12/17/2009	ND	
MW-54	d	PCB-1260	11096-82-5	ug/L	12/17/2009	ND	
MW-54	d	Pentachlorobenzene	608-93-5	ug/L	12/17/2009	ND	
MW-54	d	Pentachloronitrobenzene	82-68-8	ug/L	12/17/2009	ND	
MW-54	d	Pentachlorophenol [2C]	87-86-5	ug/L	12/17/2009	ND	
MW-54	d	Phenacetin	62-44-2	ug/L	12/17/2009	ND	
MW-54	d	Phenanthrene	85-01-8	ug/L	12/17/2009	ND	
MW-54	d	Phenol	108-95-2	ug/L	12/17/2009	ND	
MW-54	d	Phorate	298-02-2	ug/L	12/17/2009	ND	
MW-54	d	Pronamide	23950-58-5	ug/L	12/17/2009	ND	
MW-54	d	Propionitrile	107-12-0	ug/L	12/17/2009	ND	
MW-54	d	Pyrene	129-00-0	ug/L	12/17/2009	ND	
MW-54	d	Safrole	94-59-7	ug/L	12/17/2009	ND	
MW-54	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	12/17/2009	ND	
MW-54	d	Sulfide	18496-25-8	mg/L	12/17/2009	ND	
MW-54	d	Thionazin	297-97-2	ug/L	12/17/2009	ND	
MW-54	d	Toxaphene	8001-35-2	ug/L	12/17/2009	ND	
MW-54	d	Methylene Bromide	74-95-3	ug/L	12/17/2009	ND	
MW-55	d	Antimony	7440-36-0	mg/L	12/17/2009	ND	
MW-55	d	Arsenic	7440-38-2	mg/L	12/17/2009		0.00131
MW-55	d	Barium	7440-39-3	mg/L	12/17/2009		0.209
MW-55	d	Beryllium	7440-41-7	mg/L	12/17/2009	ND	
MW-55	d	Cadmium	7440-43-9	mg/L	12/17/2009		0.00069
MW-55	d	Chromium	7440-47-3	mg/L	12/17/2009		0.0392
MW-55	d	Cobalt	7440-48-4	mg/L	12/17/2009		0.00471
MW-55	d	Copper	7440-50-8	mg/L	12/17/2009	ND	
MW-55	d	Lead	7439-92-1	mg/L	12/17/2009	ND	
MW-55	d	Nickel	7440-02-0	mg/L	12/17/2009	ND	
MW-55	d	Selenium	7782-49-2	mg/L	12/17/2009	ND	
MW-55	d	Silver	7440-22-4	mg/L	12/17/2009	ND	
MW-55	d	Thallium	7440-28-0	mg/L	12/17/2009	ND	
MW-55	d	Vanadium	7440-62-2	mg/L	12/17/2009	ND	
MW-55	d	Zinc	7440-66-6	mg/L	12/17/2009		0.216
MW-55	d	Mercury	7439-97-6	mg/L	12/17/2009	ND	
MW-55	d	Tin	7440-31-5	mg/L	12/17/2009		0.22
MW-55	d	Acetone	67-64-1	ug/L	12/17/2009	ND	
MW-55	d	Acrylonitrile	107-13-1	ug/L	12/17/2009	ND	
MW-55	d	Benzene	71-43-2	ug/L	12/17/2009	ND	
MW-55	d	Bromochloromethane	74-97-5	ug/L	12/17/2009	ND	
MW-55	d	Bromodichloromethane	75-27-4	ug/L	12/17/2009	ND	
MW-55	d	Bromoform	75-25-2	ug/L	12/17/2009	ND	
MW-55	d	Carbon Disulfide	75-15-0	ug/L	12/17/2009	ND	
MW-55	d	Carbon Tetrachloride	56-23-5	ug/L	12/17/2009	ND	
MW-55	d	Chlorobenzene	108-90-7	ug/L	12/17/2009	ND	
MW-55	d	Chloroethane	75-00-3	ug/L	12/17/2009	ND	
MW-55	d	Chloroform	67-66-3	ug/L	12/17/2009	ND	
MW-55	d	Chlorodibromomethane	124-48-1	ug/L	12/17/2009	ND	
MW-55	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/17/2009	ND	
MW-55	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/17/2009	ND	
MW-55	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/17/2009	ND	
MW-55	d	1,1-Dichloroethane	75-34-3	ug/L	12/17/2009	ND	
MW-55	d	1,2-Dichloroethane	107-06-2	ug/L	12/17/2009	ND	
MW-55	d	1,1-Dichloroethene	75-35-4	ug/L	12/17/2009	ND	
MW-55	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/17/2009	ND	
MW-55	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/17/2009	ND	
MW-55	d	1,2-Dichloropropane	78-87-5	ug/L	12/17/2009	ND	
MW-55	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/17/2009	ND	
MW-55	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/17/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-55	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/17/2009	ND	
MW-55	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/17/2009	ND	
MW-55	d	Ethylbenzene	100-41-4	ug/L	12/17/2009	ND	
MW-55	d	2-Hexanone	591-78-6	ug/L	12/17/2009	ND	
MW-55	d	Bromomethane	74-83-9	ug/L	12/17/2009	ND	
MW-55	d	Chloromethane	74-87-3	ug/L	12/17/2009	ND	
MW-55	d	2-Butanone	78-93-3	ug/L	12/17/2009	ND	
MW-55	d	Iodomethane	74-88-4	ug/L	12/17/2009	ND	
MW-55	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/17/2009	ND	
MW-55	d	Methylene Chloride	75-09-2	ug/L	12/17/2009	ND	
MW-55	d	Styrene	100-42-5	ug/L	12/17/2009	ND	
MW-55	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/17/2009	ND	
MW-55	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/17/2009	ND	
MW-55	d	Tetrachloroethene	127-18-4	ug/L	12/17/2009	ND	
MW-55	d	Toluene	108-88-3	ug/L	12/17/2009	ND	
MW-55	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/17/2009	ND	
MW-55	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/17/2009	ND	
MW-55	d	Trichloroethene	79-01-6	ug/L	12/17/2009	ND	
MW-55	d	Trichlorofluoromethane	75-69-4	ug/L	12/17/2009	ND	
MW-55	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/17/2009	ND	
MW-55	d	Vinyl Acetate	108-05-4	ug/L	12/17/2009	ND	
MW-55	d	Vinyl Chloride	75-01-4	ug/L	12/17/2009	ND	
MW-55	d	Xylenes, total	1330-20-7	ug/L	12/17/2009	ND	
MW-55	d	1,1-Dichloropropene	563-58-6	ug/L	12/17/2009	ND	
MW-55	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	12/17/2009	ND	
MW-55	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	12/17/2009	ND	
MW-55	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	12/17/2009	ND	
MW-55	d	1,3-Dichlorobenzene	541-73-1	ug/L	12/17/2009	ND	
MW-55	d	1,3-Dichloropropane	142-28-9	ug/L	12/17/2009	ND	
MW-55	d	1,3-Dinitrobenzene	99-65-0	ug/L	12/17/2009	ND	
MW-55	d	1,4-Naphthoquinone	130-15-4	ug/L	12/17/2009	ND	
MW-55	d	1,4-Phenylenediamine	106-50-3	ug/L	12/17/2009	ND	
MW-55	d	1-Naphthylamine	134-32-7	ug/L	12/17/2009	ND	
MW-55	d	2,2-Dichloropropane	594-20-7	ug/L	12/17/2009	ND	
MW-55	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	12/17/2009	ND	
MW-55	d	2,4,5-T [2C]	93-76-5	ug/L	12/17/2009	ND	
MW-55	d	2,4,5-Trichlorophenol	95-95-4	ug/L	12/17/2009	ND	
MW-55	d	2,4,6-Trichlorophenol	88-06-2	ug/L	12/17/2009	ND	
MW-55	d	2,4-D [2C]	94-75-7	ug/L	12/17/2009	ND	
MW-55	d	2,4-Dichlorophenol	120-83-2	ug/L	12/17/2009	ND	
MW-55	d	2,4-Dimethylphenol	105-67-9	ug/L	12/17/2009	ND	
MW-55	d	2,4-Dinitrophenol	51-28-5	ug/L	12/17/2009	ND	
MW-55	d	2,4-Dinitrotoluene	121-14-2	ug/L	12/17/2009	ND	
MW-55	d	2,6-Dichlorophenol	87-65-0	ug/L	12/17/2009	ND	
MW-55	d	2,6-Dinitrotoluene	606-20-2	ug/L	12/17/2009	ND	
MW-55	d	2-Acetylaminofluorene	53-96-3	ug/L	12/17/2009	ND	
MW-55	d	2-Chloronaphthalene	91-58-7	ug/L	12/17/2009	ND	
MW-55	d	2-Chlorophenol	95-57-8	ug/L	12/17/2009	ND	
MW-55	d	2-Methylnaphthalene	91-57-6	ug/L	12/17/2009	ND	
MW-55	d	2-Methylphenol	95-48-7	ug/L	12/17/2009	ND	
MW-55	d	2-Naphthylamine	91-59-8	ug/L	12/17/2009	ND	
MW-55	d	2-Nitroaniline	88-74-4	ug/L	12/17/2009	ND	
MW-55	d	2-Nitrophenol	88-75-5	ug/L	12/17/2009	ND	
MW-55	d	3,3-Dichlorobenzidine	91-94-1	ug/L	12/17/2009	ND	
MW-55	d	3,3-Dimethylbenzidine	119-93-7	ug/L	12/17/2009	ND	
MW-55	d	3/4-Methylphenol	T-34MP	ug/L	12/17/2009	ND	
MW-55	d	3-Methylcholanthrene	56-49-5	ug/L	12/17/2009	ND	
MW-55	d	3-Nitroaniline	99-09-2	ug/L	12/17/2009	ND	
MW-55	d	4,4`-DDD	72-54-8	ug/L	12/17/2009	ND	
MW-55	d	4,4`-DDE	72-55-9	ug/L	12/17/2009	ND	
MW-55	d	4,4`-DDT	50-29-3	ug/L	12/17/2009	ND	
MW-55	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	12/17/2009	ND	
MW-55	d	4-Aminobiphenyl	92-67-1	ug/L	12/17/2009	ND	
MW-55	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	12/17/2009	ND	
MW-55	d	4-Chloro-3-methylphenol	59-50-7	ug/L	12/17/2009	ND	
MW-55	d	4-Chloroaniline	106-47-8	ug/L	12/17/2009	ND	
MW-55	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	12/17/2009	ND	
MW-55	d	4-Nitroaniline	100-01-6	ug/L	12/17/2009	ND	
MW-55	d	4-Nitrophenol	100-02-7	ug/L	12/17/2009	ND	
MW-55	d	5-Nitro-o-toluidine	99-55-8	ug/L	12/17/2009	ND	
MW-55	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	12/17/2009	ND	
MW-55	d	Acenaphthene	83-32-9	ug/L	12/17/2009	ND	
MW-55	d	Acenaphthylene	208-96-8	ug/L	12/17/2009	ND	
MW-55	d	Acetonitrile	75-05-8	ug/L	12/17/2009	ND	
MW-55	d	Acetophenone	98-86-2	ug/L	12/17/2009	ND	
MW-55	d	Acrolein	107-02-8	ug/L	12/17/2009	ND	
MW-55	d	Aldrin	309-00-2	ug/L	12/17/2009	ND	
MW-55	d	3-Chloropropene	107-05-1	ug/L	12/17/2009	ND	
MW-55	d	Alpha-BHC	319-84-6	ug/L	12/17/2009	ND	
MW-55	d	Anthracene	120-12-7	ug/L	12/17/2009	ND	
MW-55	d	Benzo [a] anthracene	56-55-3	ug/L	12/17/2009	ND	
MW-55	d	Benzo [a] pyrene	50-32-8	ug/L	12/17/2009	ND	
MW-55	d	Benzo [b] fluoranthene	205-99-2	ug/L	12/17/2009	ND	
MW-55	d	Benzo [g,h,i] perylene	191-24-2	ug/L	12/17/2009	ND	
MW-55	d	Benzo [k] fluoranthene	207-08-9	ug/L	12/17/2009	ND	
MW-55	d	Benzyl alcohol	100-51-6	ug/L	12/17/2009	ND	
MW-55	d	Beta-BHC	319-85-7	ug/L	12/17/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-55	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	12/17/2009	ND	
MW-55	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	12/17/2009	ND	
MW-55	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	12/17/2009	ND	
MW-55	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	12/17/2009	ND	
MW-55	d	Butyl benzyl phthalate	85-68-7	ug/L	12/17/2009	ND	
MW-55	d	Chlordane	57-74-9	ug/L	12/17/2009	ND	
MW-55	d	Chlorobenzilate	510-15-6	ug/L	12/17/2009	ND	
MW-55	d	Chloroprene	126-99-8	ug/L	12/17/2009	ND	
MW-55	d	Chrysene	218-01-9	ug/L	12/17/2009	ND	
MW-55	d	Cyanide	57-12-5	mg/L	12/17/2009	ND	
MW-55	d	Delta-BHC	319-86-8	ug/L	12/17/2009	ND	
MW-55	d	Diallate [cis or trans]	2303-16-4	ug/L	12/17/2009	ND	
MW-55	d	Dibenz [a,h] anthracene	53-70-3	ug/L	12/17/2009	ND	
MW-55	d	Dibenzofuran	132-64-9	ug/L	12/17/2009	ND	
MW-55	d	Dichlorodifluoromethane	75-71-8	ug/L	12/17/2009	ND	
MW-55	d	Dieldrin	60-57-1	ug/L	12/17/2009	ND	
MW-55	d	Diethyl phthalate	84-66-2	ug/L	12/17/2009	ND	
MW-55	d	Dimethoate	60-51-5	ug/L	12/17/2009	ND	
MW-55	d	Dimethyl phthalate	131-11-3	ug/L	12/17/2009	ND	
MW-55	d	Di-n-butyl phthalate	84-74-2	ug/L	12/17/2009	ND	
MW-55	d	Di-n-octyl phthalate	117-84-0	ug/L	12/17/2009	ND	
MW-55	d	Dinoseb	88-85-7	ug/L	12/17/2009	ND	
MW-55	d	Diphenylamine	122-39-4	ug/L	12/17/2009	ND	
MW-55	d	Disulfoton	298-04-4	ug/L	12/17/2009	ND	
MW-55	d	Endosulfan I	959-98-8	ug/L	12/17/2009	ND	
MW-55	d	Endosulfan II	33213-65-9	ug/L	12/17/2009	ND	
MW-55	d	Endosulfan sulfate	1031-07-8	ug/L	12/17/2009	ND	
MW-55	d	Endrin	72-20-8	ug/L	12/17/2009	ND	
MW-55	d	Endrin aldehyde	7421-93-4	ug/L	12/17/2009	ND	
MW-55	d	Ethyl Methacrylate	97-63-2	ug/L	12/17/2009	ND	
MW-55	d	Ethyl Methanesulfonate	62-50-0	ug/L	12/17/2009	ND	
MW-55	d	Famphur	52-85-7	ug/L	12/17/2009	ND	
MW-55	d	Fluoranthene	206-44-0	ug/L	12/17/2009	ND	
MW-55	d	Fluorene	86-73-7	ug/L	12/17/2009	ND	
MW-55	d	Gamma-BHC [Lindane]	58-89-9	ug/L	12/17/2009	ND	
MW-55	d	Heptachlor	76-44-8	ug/L	12/17/2009	ND	
MW-55	d	Heptachlor Epoxide	1024-57-3	ug/L	12/17/2009	ND	
MW-55	d	Hexachlorobenzene	118-74-1	ug/L	12/17/2009	ND	
MW-55	d	Hexachlorobutadiene	87-68-3	ug/L	12/17/2009	ND	
MW-55	d	Hexachlorocyclopentadiene	77-47-4	ug/L	12/17/2009	ND	
MW-55	d	Hexachloroethane	67-72-1	ug/L	12/17/2009	ND	
MW-55	d	Hexachloropropene	1888-71-7	ug/L	12/17/2009	ND	
MW-55	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	12/17/2009	ND	
MW-55	d	Isobutanol	78-83-1	mg/L	12/17/2009	ND	
MW-55	d	Isodrin	465-73-6	ug/L	12/17/2009	ND	
MW-55	d	Isophorone	78-59-1	ug/L	12/17/2009	ND	
MW-55	d	Isosafrole	120-58-1	ug/L	12/17/2009	ND	
MW-55	d	Kepone	143-50-0	ug/L	12/17/2009	ND	
MW-55	d	Methacrylonitrile	126-98-7	ug/L	12/17/2009	ND	
MW-55	d	Methapyrilene	91-80-5	ug/L	12/17/2009	ND	
MW-55	d	Methoxychlor	72-43-5	ug/L	12/17/2009	ND	
MW-55	d	Methyl Methacrylate	80-62-6	ug/L	12/17/2009	ND	
MW-55	d	Methyl Methanesulfonate	66-27-3	ug/L	12/17/2009	ND	
MW-55	d	Naphthalene	91-20-3	ug/L	12/17/2009	ND	
MW-55	d	Nitrobenzene	98-95-3	ug/L	12/17/2009	ND	
MW-55	d	N-Nitrosodiethylamine	55-18-5	ug/L	12/17/2009	ND	
MW-55	d	N-Nitrosodimethylamine	62-75-9	ug/L	12/17/2009	ND	
MW-55	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	12/17/2009	ND	
MW-55	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	12/17/2009	ND	
MW-55	d	N-Nitrosodiphenylamine	86-30-6	ug/L	12/17/2009	ND	
MW-55	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	12/17/2009	ND	
MW-55	d	N-Nitrosopiperidine	100-75-4	ug/L	12/17/2009	ND	
MW-55	d	N-Nitrosopyrrolidine	930-55-2	ug/L	12/17/2009	ND	
MW-55	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	12/17/2009	ND	
MW-55	d	o-Toluidine	95-53-4	ug/L	12/17/2009	ND	
MW-55	d	Dimethylaminoazobenzene	60-11-7	ug/L	12/17/2009	ND	
MW-55	d	Parathion-Ethyl	56-38-2	ug/L	12/17/2009	ND	
MW-55	d	Parathion-Methyl	298-00-0	ug/L	12/17/2009	ND	
MW-55	d	PCB-1016	12674-11-2	ug/L	12/17/2009	ND	
MW-55	d	PCB-1221	11104-28-2	ug/L	12/17/2009	ND	
MW-55	d	PCB-1232	11141-16-5	ug/L	12/17/2009	ND	
MW-55	d	PCB-1242	53469-21-9	ug/L	12/17/2009	ND	
MW-55	d	PCB-1248	12672-29-6	ug/L	12/17/2009	ND	
MW-55	d	PCB-1254	11097-69-1	ug/L	12/17/2009	ND	
MW-55	d	PCB-1260	11096-82-5	ug/L	12/17/2009	ND	
MW-55	d	Pentachlorobenzene	608-93-5	ug/L	12/17/2009	ND	
MW-55	d	Pentachloronitrobenzene	82-68-8	ug/L	12/17/2009	ND	
MW-55	d	Pentachlorophenol [2C]	87-86-5	ug/L	12/17/2009	ND	
MW-55	d	Phenacetin	62-44-2	ug/L	12/17/2009	ND	
MW-55	d	Phenanthrene	85-01-8	ug/L	12/17/2009	ND	
MW-55	d	Phenol	108-95-2	ug/L	12/17/2009	ND	
MW-55	d	Phorate	298-02-2	ug/L	12/17/2009	ND	
MW-55	d	Pronamide	23950-58-5	ug/L	12/17/2009	ND	
MW-55	d	Propionitrile	107-12-0	ug/L	12/17/2009	ND	
MW-55	d	Pyrene	129-00-0	ug/L	12/17/2009	ND	
MW-55	d	Safrole	94-59-7	ug/L	12/17/2009	ND	
MW-55	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	12/17/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-55	d	Sulfide	18496-25-8	mg/L	12/17/2009	ND	
MW-55	d	Thionazin	297-97-2	ug/L	12/17/2009	ND	
MW-55	d	Toxaphene	8001-35-2	ug/L	12/17/2009	ND	
MW-55	d	Methylene Bromide	74-95-3	ug/L	12/17/2009	ND	
MW-56	d	Antimony	7440-36-0	mg/L	12/17/2009	ND	
MW-56	d	Arsenic	7440-38-2	mg/L	12/17/2009		0.00142
MW-56	d	Barium	7440-39-3	mg/L	12/17/2009		0.467
MW-56	d	Beryllium	7440-41-7	mg/L	12/17/2009	ND	
MW-56	d	Cadmium	7440-43-9	mg/L	12/17/2009	ND	
MW-56	d	Chromium	7440-47-3	mg/L	12/17/2009	ND	
MW-56	d	Cobalt	7440-48-4	mg/L	12/17/2009	NDX	
MW-56	d	Copper	7440-50-8	mg/L	12/17/2009	ND	
MW-56	d	Lead	7439-92-1	mg/L	12/17/2009	ND	
MW-56	d	Nickel	7440-02-0	mg/L	12/17/2009	ND	
MW-56	d	Selenium	7782-49-2	mg/L	12/17/2009	ND	
MW-56	d	Silver	7440-22-4	mg/L	12/17/2009	ND	
MW-56	d	Thallium	7440-28-0	mg/L	12/17/2009	ND	
MW-56	d	Vanadium	7440-62-2	mg/L	12/17/2009	ND	
MW-56	d	Zinc	7440-66-6	mg/L	12/17/2009		0.0536
MW-56	d	Acetone	67-64-1	ug/L	12/17/2009	ND	
MW-56	d	Acrylonitrile	107-13-1	ug/L	12/17/2009	ND	
MW-56	d	Benzene	71-43-2	ug/L	12/17/2009		0.64
MW-56	d	Bromochloromethane	74-97-5	ug/L	12/17/2009	ND	
MW-56	d	Bromodichloromethane	75-27-4	ug/L	12/17/2009	ND	
MW-56	d	Bromoform	75-25-2	ug/L	12/17/2009	ND	
MW-56	d	Carbon Disulfide	75-15-0	ug/L	12/17/2009	ND	
MW-56	d	Carbon Tetrachloride	56-23-5	ug/L	12/17/2009	ND	
MW-56	d	Chlorobenzene	108-90-7	ug/L	12/17/2009	ND	
MW-56	d	Chloroethane	75-00-3	ug/L	12/17/2009	ND	
MW-56	d	Chloroform	67-66-3	ug/L	12/17/2009	ND	
MW-56	d	Chlorodibromomethane	124-48-1	ug/L	12/17/2009	ND	
MW-56	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/17/2009	ND	
MW-56	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/17/2009	ND	
MW-56	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/17/2009	ND	
MW-56	d	1,1-Dichloroethane	75-34-3	ug/L	12/17/2009	ND	
MW-56	d	1,2-Dichloroethane	107-06-2	ug/L	12/17/2009	ND	
MW-56	d	1,1-Dichloroethene	75-35-4	ug/L	12/17/2009	ND	
MW-56	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/17/2009	ND	
MW-56	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/17/2009	ND	
MW-56	d	1,2-Dichloropropane	78-87-5	ug/L	12/17/2009	ND	
MW-56	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/17/2009	ND	
MW-56	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/17/2009	ND	
MW-56	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/17/2009	ND	
MW-56	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/17/2009	ND	
MW-56	d	Ethylbenzene	100-41-4	ug/L	12/17/2009	ND	
MW-56	d	2-Hexanone	591-78-6	ug/L	12/17/2009	ND	
MW-56	d	Bromomethane	74-83-9	ug/L	12/17/2009	ND	
MW-56	d	Chloromethane	74-87-3	ug/L	12/17/2009	ND	
MW-56	d	2-Butanone	78-93-3	ug/L	12/17/2009	ND	
MW-56	d	Iodomethane	74-88-4	ug/L	12/17/2009	ND	
MW-56	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/17/2009	ND	
MW-56	d	Methylene Chloride	75-09-2	ug/L	12/17/2009	ND	
MW-56	d	Styrene	100-42-5	ug/L	12/17/2009	ND	
MW-56	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/17/2009	ND	
MW-56	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/17/2009	ND	
MW-56	d	Tetrachloroethene	127-18-4	ug/L	12/17/2009	ND	
MW-56	d	Toluene	108-88-3	ug/L	12/17/2009	ND	
MW-56	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/17/2009	ND	
MW-56	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/17/2009	ND	
MW-56	d	Trichloroethene	79-01-6	ug/L	12/17/2009	ND	
MW-56	d	Trichlorofluoromethane	75-69-4	ug/L	12/17/2009	ND	
MW-56	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/17/2009	ND	
MW-56	d	Vinyl Acetate	108-05-4	ug/L	12/17/2009	ND	
MW-56	d	Vinyl Chloride	75-01-4	ug/L	12/17/2009	ND	
MW-56	d	Xylenes, total	1330-20-7	ug/L	12/17/2009	ND	
MW-56	d	Dichlorodifluoromethane	75-71-8	ug/L	12/17/2009		5.05
MW-56	d	Methylene Bromide	74-95-3	ug/L	12/17/2009	ND	
MW-57	d	Antimony	7440-36-0	mg/L	12/17/2009	ND	
MW-57	d	Arsenic	7440-38-2	mg/L	12/17/2009		0.0206
MW-57	d	Barium	7440-39-3	mg/L	12/17/2009		0.791
MW-57	d	Beryllium	7440-41-7	mg/L	12/17/2009	ND	
MW-57	d	Cadmium	7440-43-9	mg/L	12/17/2009	ND	
MW-57	d	Chromium	7440-47-3	mg/L	12/17/2009	ND	
MW-57	d	Cobalt	7440-48-4	mg/L	12/17/2009		0.03
MW-57	d	Copper	7440-50-8	mg/L	12/17/2009	ND	
MW-57	d	Lead	7439-92-1	mg/L	12/17/2009	ND	
MW-57	d	Nickel	7440-02-0	mg/L	12/17/2009	ND	
MW-57	d	Selenium	7782-49-2	mg/L	12/17/2009	ND	
MW-57	d	Silver	7440-22-4	mg/L	12/17/2009	ND	
MW-57	d	Thallium	7440-28-0	mg/L	12/17/2009	ND	
MW-57	d	Vanadium	7440-62-2	mg/L	12/17/2009	ND	
MW-57	d	Zinc	7440-66-6	mg/L	12/17/2009		0.085
MW-57	d	Acetone	67-64-1	ug/L	12/17/2009	ND	
MW-57	d	Acrylonitrile	107-13-1	ug/L	12/17/2009	ND	
MW-57	d	Benzene	71-43-2	ug/L	12/17/2009		1
MW-57	d	Bromochloromethane	74-97-5	ug/L	12/17/2009	ND	
MW-57	d	Bromodichloromethane	75-27-4	ug/L	12/17/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57	d	Bromoform	75-25-2	ug/L	12/17/2009	ND	
MW-57	d	Carbon Disulfide	75-15-0	ug/L	12/17/2009	ND	
MW-57	d	Carbon Tetrachloride	56-23-5	ug/L	12/17/2009	ND	
MW-57	d	Chlorobenzene	108-90-7	ug/L	12/17/2009	ND	
MW-57	d	Chloroethane	75-00-3	ug/L	12/17/2009	ND	
MW-57	d	Chloroform	67-66-3	ug/L	12/17/2009	ND	
MW-57	d	Chlorodibromomethane	124-48-1	ug/L	12/17/2009	ND	
MW-57	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/17/2009	ND	
MW-57	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/17/2009	ND	
MW-57	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/17/2009	ND	
MW-57	d	1,1-Dichloroethane	75-34-3	ug/L	12/17/2009	ND	
MW-57	d	1,2-Dichloroethane	107-06-2	ug/L	12/17/2009	ND	
MW-57	d	1,1-Dichloroethene	75-35-4	ug/L	12/17/2009	ND	
MW-57	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/17/2009		1
MW-57	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/17/2009	ND	
MW-57	d	1,2-Dichloropropane	78-87-5	ug/L	12/17/2009	ND	
MW-57	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/17/2009	ND	
MW-57	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/17/2009	ND	
MW-57	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/17/2009	ND	
MW-57	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/17/2009	ND	
MW-57	d	Ethylbenzene	100-41-4	ug/L	12/17/2009	ND	
MW-57	d	2-Hexanone	591-78-6	ug/L	12/17/2009	ND	
MW-57	d	Bromomethane	74-83-9	ug/L	12/17/2009	ND	
MW-57	d	Chloromethane	74-87-3	ug/L	12/17/2009	ND	
MW-57	d	2-Butanone	78-93-3	ug/L	12/17/2009	ND	
MW-57	d	Iodomethane	74-88-4	ug/L	12/17/2009	ND	
MW-57	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/17/2009	ND	
MW-57	d	Methylene Chloride	75-09-2	ug/L	12/17/2009	ND	
MW-57	d	Styrene	100-42-5	ug/L	12/17/2009	ND	
MW-57	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/17/2009	ND	
MW-57	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/17/2009	ND	
MW-57	d	Tetrachloroethene	127-18-4	ug/L	12/17/2009	ND	
MW-57	d	Toluene	108-88-3	ug/L	12/17/2009	ND	
MW-57	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/17/2009	ND	
MW-57	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/17/2009	ND	
MW-57	d	Trichloroethene	79-01-6	ug/L	12/17/2009	ND	
MW-57	d	Trichlorofluoromethane	75-69-4	ug/L	12/17/2009	ND	
MW-57	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/17/2009	ND	
MW-57	d	Vinyl Acetate	108-05-4	ug/L	12/17/2009	ND	
MW-57	d	Vinyl Chloride	75-01-4	ug/L	12/17/2009	ND	
MW-57	d	Xylenes, total	1330-20-7	ug/L	12/17/2009	ND	
MW-57	d	Methylene Bromide	74-95-3	ug/L	12/17/2009	ND	
MW-52	d	Antimony	7440-36-0	mg/L	12/21/2009	ND	
MW-52	d	Arsenic	7440-38-2	mg/L	12/21/2009		0.0491
MW-52	d	Barium	7440-39-3	mg/L	12/21/2009		0.605
MW-52	d	Beryllium	7440-41-7	mg/L	12/21/2009		0.00252
MW-52	d	Cadmium	7440-43-9	mg/L	12/21/2009		0.0038
MW-52	d	Chromium	7440-47-3	mg/L	12/21/2009		0.0757
MW-52	d	Cobalt	7440-48-4	mg/L	12/21/2009		0.0157
MW-52	d	Copper	7440-50-8	mg/L	12/21/2009		0.0242
MW-52	d	Lead	7439-92-1	mg/L	12/21/2009		0.0317
MW-52	d	Nickel	7440-02-0	mg/L	12/21/2009	ND	
MW-52	d	Selenium	7782-49-2	mg/L	12/21/2009	ND	
MW-52	d	Silver	7440-22-4	mg/L	12/21/2009	ND	
MW-52	d	Thallium	7440-28-0	mg/L	12/21/2009	ND	
MW-52	d	Vanadium	7440-62-2	mg/L	12/21/2009	ND	
MW-52	d	Zinc	7440-66-6	mg/L	12/21/2009		0.171
MW-52	d	Mercury	7439-97-6	mg/L	12/21/2009	ND	
MW-52	d	Tin	7440-31-5	mg/L	12/21/2009	ND	
MW-52	d	Acetone	67-64-1	ug/L	12/21/2009	ND	
MW-52	d	Acrylonitrile	107-13-1	ug/L	12/21/2009	ND	
MW-52	d	Benzene	71-43-2	ug/L	12/21/2009	ND	
MW-52	d	Bromochloromethane	74-97-5	ug/L	12/21/2009	ND	
MW-52	d	Bromodichloromethane	75-27-4	ug/L	12/21/2009	ND	
MW-52	d	Bromoform	75-25-2	ug/L	12/21/2009	ND	
MW-52	d	Carbon Disulfide	75-15-0	ug/L	12/21/2009	ND	
MW-52	d	Carbon Tetrachloride	56-23-5	ug/L	12/21/2009	ND	
MW-52	d	Chlorobenzene	108-90-7	ug/L	12/21/2009	ND	
MW-52	d	Chloroethane	75-00-3	ug/L	12/21/2009	ND	
MW-52	d	Chloroform	67-66-3	ug/L	12/21/2009	ND	
MW-52	d	Chlorodibromomethane	124-48-1	ug/L	12/21/2009	ND	
MW-52	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/21/2009	ND	
MW-52	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/21/2009	ND	
MW-52	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/21/2009	ND	
MW-52	d	1,1-Dichloroethane	75-34-3	ug/L	12/21/2009	ND	
MW-52	d	1,2-Dichloroethane	107-06-2	ug/L	12/21/2009	ND	
MW-52	d	1,1-Dichloroethene	75-35-4	ug/L	12/21/2009	ND	
MW-52	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/21/2009	ND	
MW-52	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/21/2009	ND	
MW-52	d	1,2-Dichloropropane	78-87-5	ug/L	12/21/2009	ND	
MW-52	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/21/2009	ND	
MW-52	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/21/2009	ND	
MW-52	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/21/2009	ND	
MW-52	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/21/2009	ND	
MW-52	d	Ethylbenzene	100-41-4	ug/L	12/21/2009	ND	
MW-52	d	2-Hexanone	591-78-6	ug/L	12/21/2009	ND	
MW-52	d	Bromomethane	74-83-9	ug/L	12/21/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-52	d	Chloromethane	74-87-3	ug/L	12/21/2009	ND	
MW-52	d	2-Butanone	78-93-3	ug/L	12/21/2009	ND	
MW-52	d	Iodomethane	74-88-4	ug/L	12/21/2009	ND	
MW-52	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/21/2009	ND	
MW-52	d	Methylene Chloride	75-09-2	ug/L	12/21/2009	ND	
MW-52	d	Styrene	100-42-5	ug/L	12/21/2009	ND	
MW-52	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/21/2009	ND	
MW-52	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/21/2009	ND	
MW-52	d	Tetrachloroethene	127-18-4	ug/L	12/21/2009	ND	
MW-52	d	Toluene	108-88-3	ug/L	12/21/2009	ND	
MW-52	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/21/2009	ND	
MW-52	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/21/2009	ND	
MW-52	d	Trichloroethene	79-01-6	ug/L	12/21/2009	ND	
MW-52	d	Trichlorofluoromethane	75-69-4	ug/L	12/21/2009	ND	
MW-52	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/21/2009	ND	
MW-52	d	Vinyl Acetate	108-05-4	ug/L	12/21/2009	ND	
MW-52	d	Vinyl Chloride	75-01-4	ug/L	12/21/2009	ND	
MW-52	d	Xylenes, total	1330-20-7	ug/L	12/21/2009	ND	
MW-52	d	1,1-Dichloropropene	563-58-6	ug/L	12/21/2009	ND	
MW-52	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	12/21/2009	ND	
MW-52	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	12/21/2009	ND	
MW-52	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	12/21/2009	ND	
MW-52	d	1,3-Dichlorobenzene	541-73-1	ug/L	12/21/2009	ND	
MW-52	d	1,3-Dichloropropane	142-28-9	ug/L	12/21/2009	ND	
MW-52	d	1,3-Dinitrobenzene	99-65-0	ug/L	12/21/2009	ND	
MW-52	d	1,4-Naphthoquinone	130-15-4	ug/L	12/21/2009	ND	
MW-52	d	1,4-Phenylenediamine	106-50-3	ug/L	12/21/2009	ND	
MW-52	d	1-Naphthylamine	134-32-7	ug/L	12/21/2009	ND	
MW-52	d	2,2-Dichloropropane	594-20-7	ug/L	12/21/2009	ND	
MW-52	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	12/21/2009	ND	
MW-52	d	2,4,5-T [2C]	93-76-5	ug/L	12/21/2009	ND	
MW-52	d	2,4,5-Trichlorophenol	95-95-4	ug/L	12/21/2009	ND	
MW-52	d	2,4,6-Trichlorophenol	88-06-2	ug/L	12/21/2009	ND	
MW-52	d	2,4-D [2C]	94-75-7	ug/L	12/21/2009	ND	
MW-52	d	2,4-Dichlorophenol	120-83-2	ug/L	12/21/2009	ND	
MW-52	d	2,4-Dimethylphenol	105-67-9	ug/L	12/21/2009	ND	
MW-52	d	2,4-Dinitrophenol	51-28-5	ug/L	12/21/2009	ND	
MW-52	d	2,4-Dinitrotoluene	121-14-2	ug/L	12/21/2009	ND	
MW-52	d	2,6-Dichlorophenol	87-65-0	ug/L	12/21/2009	ND	
MW-52	d	2,6-Dinitrotoluene	606-20-2	ug/L	12/21/2009	ND	
MW-52	d	2-Acetylaminofluorene	53-96-3	ug/L	12/21/2009	ND	
MW-52	d	2-Chloronaphthalene	91-58-7	ug/L	12/21/2009	ND	
MW-52	d	2-Chlorophenol	95-57-8	ug/L	12/21/2009	ND	
MW-52	d	2-Methylnaphthalene	91-57-6	ug/L	12/21/2009	ND	
MW-52	d	2-Methylphenol	95-48-7	ug/L	12/21/2009	ND	
MW-52	d	2-Naphthylamine	91-59-8	ug/L	12/21/2009	ND	
MW-52	d	2-Nitroaniline	88-74-4	ug/L	12/21/2009	ND	
MW-52	d	2-Nitrophenol	88-75-5	ug/L	12/21/2009	ND	
MW-52	d	3,3-Dichlorobenzidine	91-94-1	ug/L	12/21/2009	ND	
MW-52	d	3,3-Dimethylbenzidine	119-93-7	ug/L	12/21/2009	ND	
MW-52	d	3/4-Methylphenol	T-34MP	ug/L	12/21/2009	ND	
MW-52	d	3-Methylcholanthrene	56-49-5	ug/L	12/21/2009	ND	
MW-52	d	3-Nitroaniline	99-09-2	ug/L	12/21/2009	ND	
MW-52	d	4,4`-DDD	72-54-8	ug/L	12/21/2009	ND	
MW-52	d	4,4`-DDE	72-55-9	ug/L	12/21/2009	ND	
MW-52	d	4,4`-DDT	50-29-3	ug/L	12/21/2009	ND	
MW-52	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	12/21/2009	ND	
MW-52	d	4-Aminobiphenyl	92-67-1	ug/L	12/21/2009	ND	
MW-52	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	12/21/2009	ND	
MW-52	d	4-Chloro-3-methylphenol	59-50-7	ug/L	12/21/2009	ND	
MW-52	d	4-Chloroaniline	106-47-8	ug/L	12/21/2009	ND	
MW-52	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	12/21/2009	ND	
MW-52	d	4-Nitroaniline	100-01-6	ug/L	12/21/2009	ND	
MW-52	d	4-Nitrophenol	100-02-7	ug/L	12/21/2009	ND	
MW-52	d	5-Nitro-o-toluidine	99-55-8	ug/L	12/21/2009	ND	
MW-52	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	12/21/2009	ND	
MW-52	d	Acenaphthene	83-32-9	ug/L	12/21/2009	ND	
MW-52	d	Acenaphthylene	208-96-8	ug/L	12/21/2009	ND	
MW-52	d	Acetonitrile	75-05-8	ug/L	12/21/2009	ND	
MW-52	d	Acetophenone	98-86-2	ug/L	12/21/2009	ND	
MW-52	d	Acrolein	107-02-8	ug/L	12/21/2009	ND	
MW-52	d	Aldrin	309-00-2	ug/L	12/21/2009	ND	
MW-52	d	3-Chloropropene	107-05-1	ug/L	12/21/2009	ND	
MW-52	d	Alpha-BHC	319-84-6	ug/L	12/21/2009	ND	
MW-52	d	Anthracene	120-12-7	ug/L	12/21/2009	ND	
MW-52	d	Benzo [a] anthracene	56-55-3	ug/L	12/21/2009	ND	
MW-52	d	Benzo [a] pyrene	50-32-8	ug/L	12/21/2009	ND	
MW-52	d	Benzo [b] fluoranthene	205-99-2	ug/L	12/21/2009	ND	
MW-52	d	Benzo [g,h,i] perylene	191-24-2	ug/L	12/21/2009	ND	
MW-52	d	Benzo [k] fluoranthene	207-08-9	ug/L	12/21/2009	ND	
MW-52	d	Benzyl alcohol	100-51-6	ug/L	12/21/2009	ND	
MW-52	d	Beta-BHC	319-85-7	ug/L	12/21/2009	ND	
MW-52	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	12/21/2009	ND	
MW-52	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	12/21/2009	ND	
MW-52	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	12/21/2009	ND	
MW-52	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	12/21/2009	ND	
MW-52	d	Butyl benzyl phthalate	85-68-7	ug/L	12/21/2009	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-52	d	Chlordane	57-74-9	ug/L	12/21/2009	ND	
MW-52	d	Chlorobenzilate	510-15-6	ug/L	12/21/2009	ND	
MW-52	d	Chloroprene	126-99-8	ug/L	12/21/2009	ND	
MW-52	d	Chrysene	218-01-9	ug/L	12/21/2009	ND	
MW-52	d	Cyanide	57-12-5	mg/L	12/21/2009	ND	
MW-52	d	Delta-BHC	319-86-8	ug/L	12/21/2009	ND	
MW-52	d	Diallate [cis or trans]	2303-16-4	ug/L	12/21/2009	ND	
MW-52	d	Dibenz [a,h] anthracene	53-70-3	ug/L	12/21/2009	ND	
MW-52	d	Dibenzofuran	132-64-9	ug/L	12/21/2009	ND	
MW-52	d	Dichlorodifluoromethane	75-71-8	ug/L	12/21/2009	ND	
MW-52	d	Dieldrin	60-57-1	ug/L	12/21/2009	ND	
MW-52	d	Diethyl phthalate	84-66-2	ug/L	12/21/2009	ND	
MW-52	d	Dimethoate	60-51-5	ug/L	12/21/2009	ND	
MW-52	d	Dimethyl phthalate	131-11-3	ug/L	12/21/2009	ND	
MW-52	d	Di-n-butyl phthalate	84-74-2	ug/L	12/21/2009	ND	
MW-52	d	Di-n-octyl phthalate	117-84-0	ug/L	12/21/2009	ND	
MW-52	d	Dinoseb	88-85-7	ug/L	12/21/2009	ND	
MW-52	d	Diphenylamine	122-39-4	ug/L	12/21/2009	ND	
MW-52	d	Disulfoton	298-04-4	ug/L	12/21/2009	ND	
MW-52	d	Endosulfan I	959-98-8	ug/L	12/21/2009	ND	
MW-52	d	Endosulfan II	33213-65-9	ug/L	12/21/2009	ND	
MW-52	d	Endosulfan sulfate	1031-07-8	ug/L	12/21/2009	ND	
MW-52	d	Endrin	72-20-8	ug/L	12/21/2009	ND	
MW-52	d	Endrin aldehyde	7421-93-4	ug/L	12/21/2009	ND	
MW-52	d	Ethyl Methacrylate	97-63-2	ug/L	12/21/2009	ND	
MW-52	d	Ethyl Methanesulfonate	62-50-0	ug/L	12/21/2009	ND	
MW-52	d	Famphur	52-85-7	ug/L	12/21/2009	ND	
MW-52	d	Fluoranthene	206-44-0	ug/L	12/21/2009	ND	
MW-52	d	Fluorene	86-73-7	ug/L	12/21/2009	ND	
MW-52	d	Gamma-BHC [Lindane]	58-89-9	ug/L	12/21/2009	ND	
MW-52	d	Heptachlor	76-44-8	ug/L	12/21/2009	ND	
MW-52	d	Heptachlor Epoxide	1024-57-3	ug/L	12/21/2009	ND	
MW-52	d	Hexachlorobenzene	118-74-1	ug/L	12/21/2009	ND	
MW-52	d	Hexachlorobutadiene	87-68-3	ug/L	12/21/2009	ND	
MW-52	d	Hexachlorocyclopentadiene	77-47-4	ug/L	12/21/2009	ND	
MW-52	d	Hexachloroethane	67-72-1	ug/L	12/21/2009	ND	
MW-52	d	Hexachloropropene	1888-71-7	ug/L	12/21/2009	ND	
MW-52	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	12/21/2009	ND	
MW-52	d	Isobutanol	78-83-1	mg/L	12/21/2009	ND	
MW-52	d	Isodrin	465-73-6	ug/L	12/21/2009	ND	
MW-52	d	Isophorone	78-59-1	ug/L	12/21/2009	ND	
MW-52	d	Isosafrole	120-58-1	ug/L	12/21/2009	ND	
MW-52	d	Kepone	143-50-0	ug/L	12/21/2009	ND	
MW-52	d	Methacrylonitrile	126-98-7	ug/L	12/21/2009	ND	
MW-52	d	Methapyrilene	91-80-5	ug/L	12/21/2009	ND	
MW-52	d	Methoxychlor	72-43-5	ug/L	12/21/2009	ND	
MW-52	d	Methyl Methacrylate	80-62-6	ug/L	12/21/2009	ND	
MW-52	d	Methyl Methanesulfonate	66-27-3	ug/L	12/21/2009	ND	
MW-52	d	Naphthalene	91-20-3	ug/L	12/21/2009	ND	
MW-52	d	Nitrobenzene	98-95-3	ug/L	12/21/2009	ND	
MW-52	d	N-Nitrosodiethylamine	55-18-5	ug/L	12/21/2009	ND	
MW-52	d	N-Nitrosodimethylamine	62-75-9	ug/L	12/21/2009	ND	
MW-52	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	12/21/2009	ND	
MW-52	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	12/21/2009	ND	
MW-52	d	N-Nitrosodiphenylamine	86-30-6	ug/L	12/21/2009	ND	
MW-52	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	12/21/2009	ND	
MW-52	d	N-Nitrosopiperidine	100-75-4	ug/L	12/21/2009	ND	
MW-52	d	N-Nitrosopyrrolidine	930-55-2	ug/L	12/21/2009	ND	
MW-52	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	12/21/2009	ND	
MW-52	d	o-Toluidine	95-53-4	ug/L	12/21/2009	ND	
MW-52	d	Dimethylaminoazobenzene	60-11-7	ug/L	12/21/2009	ND	
MW-52	d	Parathion-Ethyl	56-38-2	ug/L	12/21/2009	ND	
MW-52	d	Parathion-Methyl	298-00-0	ug/L	12/21/2009	ND	
MW-52	d	PCB-1016	12674-11-2	ug/L	12/21/2009	ND	
MW-52	d	PCB-1221	11104-28-2	ug/L	12/21/2009	ND	
MW-52	d	PCB-1232	11141-16-5	ug/L	12/21/2009	ND	
MW-52	d	PCB-1242	53469-21-9	ug/L	12/21/2009	ND	
MW-52	d	PCB-1248	12672-29-6	ug/L	12/21/2009	ND	
MW-52	d	PCB-1254	11097-69-1	ug/L	12/21/2009	ND	
MW-52	d	PCB-1260	11096-82-5	ug/L	12/21/2009	ND	
MW-52	d	Pentachlorobenzene	608-93-5	ug/L	12/21/2009	ND	
MW-52	d	Pentachloronitrobenzene	82-68-8	ug/L	12/21/2009	ND	
MW-52	d	Pentachlorophenol [2C]	87-86-5	ug/L	12/21/2009	ND	
MW-52	d	Phenacetin	62-44-2	ug/L	12/21/2009	ND	
MW-52	d	Phenanthrene	85-01-8	ug/L	12/21/2009	ND	
MW-52	d	Phenol	108-95-2	ug/L	12/21/2009	ND	
MW-52	d	Phorate	298-02-2	ug/L	12/21/2009	ND	
MW-52	d	Pronamide	23950-58-5	ug/L	12/21/2009	ND	
MW-52	d	Propionitrile	107-12-0	ug/L	12/21/2009	ND	
MW-52	d	Pyrene	129-00-0	ug/L	12/21/2009	ND	
MW-52	d	Safrole	94-59-7	ug/L	12/21/2009	ND	
MW-52	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	12/21/2009	ND	
MW-52	d	Sulfide	18496-25-8	mg/L	12/21/2009	ND	
MW-52	d	Thionazin	297-97-2	ug/L	12/21/2009	ND	
MW-52	d	Toxaphene	8001-35-2	ug/L	12/21/2009	ND	
MW-52	d	Methylene Bromide	74-95-3	ug/L	12/21/2009	ND	
MW-51	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/15/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-24R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/11/2010	ND	
MW-53	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/11/2010	ND	
GU-3A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/24/2010	ND	
MW-20	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/24/2010	ND	
MW-21	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/24/2010	ND	
MW-22R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/24/2010	ND	
MW-52	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/24/2010	ND	
MW-54	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/24/2010	ND	
MW-55	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/24/2010	ND	
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2010	ND	
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2010	ND	
MW-50	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2010	ND	
MW-56	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2010	ND	
MW-57	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2010	ND	
MW-58	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2010	ND	
MW-32R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/18/2010	ND	
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/17/2010	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/17/2010	ND	
MW-29	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/17/2010	ND	
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/17/2010	ND	
MW-31R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/17/2010	ND	
MW-51	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/17/2010	ND	
MW-21	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/21/2010	ND	
MW-54	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/21/2010	ND	
MW-20	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/17/2010	ND	
MW-29	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/17/2010	ND	
MW-39	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/17/2010	ND	
MW-51	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/17/2010	ND	
GU-3A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/17/2010	ND	
MW-22R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/17/2010	ND	
MW-55	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/17/2010	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/22/2010	ND	
MW-24R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/22/2010	ND	
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/22/2010	ND	
MW-31R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/22/2010	ND	
MW-50	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/22/2010	ND	
MW-53	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/22/2010	ND	
MW-56	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/22/2010	ND	
MW-58	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/22/2010	ND	
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/8/2010	ND	
MW-32R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/8/2010	ND	
MW-57	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/8/2010	ND	
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/15/2010	ND	
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/15/2010	ND	
MW-52	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/15/2010	ND	
MW-54	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/12/2011	ND	
MW-54	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/12/2011	ND	
MW-20	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/22/2011	ND	
MW-22R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/22/2011	ND	
MW-51	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/22/2011	ND	
MW-52	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/22/2011	ND	
MW-53	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/22/2011	ND	
MW-55	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/22/2011	ND	
GU-3A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/2/2011	ND	
MW-21	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/2/2011	ND	
MW-21	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/2/2011	ND	
MW-29	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/21/2011	ND	
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/21/2011	ND	
MW-31R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/21/2011	ND	
MW-31R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/21/2011	ND	
MW-32R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/21/2011	ND	
MW-54	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/31/2011	ND	
MW-56	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/31/2011	ND	
MW-57	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/31/2011	ND	
MW-58	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/31/2011	ND	
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/7/2011	ND	
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/7/2011	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/7/2011	ND	
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/7/2011	ND	
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/7/2011	ND	
MW-39	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/7/2011	ND	
MW-50	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/7/2011	ND	
MW-52	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/22/2011	ND	
MW-56	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/22/2011	ND	
MW-58	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/22/2011	ND	
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/29/2011	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/29/2011	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/29/2011	ND	
MW-32R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/29/2011	ND	
GU-3A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/9/2011	ND	
MW-22R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/9/2011	ND	
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/9/2011	ND	
MW-29	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/9/2011	ND	
MW-51	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/9/2011	ND	
MW-53	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/9/2011	ND	
MW-53	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/9/2011	ND	
MW-21	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2011	ND	
MW-50	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2011	ND	
MW-54	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2011	ND	
MW-57	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2011	ND	
MW-20	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/29/2011	ND	
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/29/2011	ND	
MW-52	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/29/2011	ND	
MW-55	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/29/2011	ND	
MW-31R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/16/2011	ND	
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/16/2011	ND	
MW-39	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/16/2011	ND	
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/8/2012	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/8/2012	ND	
MW-20	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/8/2012	ND	
MW-21	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/8/2012	ND	
MW-22R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/8/2012	ND	
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/8/2012	ND	
MW-39	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/8/2012	ND	
MW-55	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/8/2012	ND	
MW-56	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/8/2012	ND	
MW-57	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/8/2012	ND	
MW-58	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/8/2012	ND	
GU-3A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/13/2012	ND	
MW-29	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/13/2012	ND	
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/13/2012	ND	
MW-31R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/13/2012	ND	
MW-32R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/13/2012	ND	
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/13/2012	ND	
MW-50	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/13/2012	ND	
MW-50	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/13/2012	ND	
MW-51	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/13/2012	ND	
MW-52	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/13/2012	ND	
MW-53	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/13/2012	ND	
MW-54	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/13/2012	ND	
GU-3A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/4/2012	ND	
MW-20	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/4/2012	ND	
MW-21	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/4/2012	ND	
MW-22R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/4/2012	ND	
MW-50	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/4/2012	ND	
MW-51	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/4/2012	ND	
MW-52	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/4/2012	ND	
MW-53	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/4/2012	ND	
MW-54	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/4/2012	ND	
MW-54	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/4/2012	ND	
MW-57	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/4/2012	ND	
MW-58	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/4/2012	ND	
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/19/2012	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/19/2012	ND	
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/19/2012	ND	
MW-29	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/19/2012	ND	
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/19/2012	ND	
MW-31R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/19/2012	ND	
MW-32R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/19/2012	ND	
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/19/2012	ND	
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/19/2012	ND	
MW-39	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/19/2012	ND	
MW-55	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/19/2012	ND	
MW-56	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/19/2012	ND	
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/11/2013	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/11/2013	ND	
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/11/2013	ND	
MW-39	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/11/2013	ND	
MW-50	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/11/2013	ND	
MW-50	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/11/2013	ND	
MW-51	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/11/2013	ND	
MW-52	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/11/2013	ND	
MW-53	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/11/2013	ND	
MW-54	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/11/2013	ND	
MW-55	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/11/2013	ND	
MW-56	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/11/2013	ND	
MW-20	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/10/2013	ND	
MW-20	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/10/2013	ND	
MW-21	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/10/2013	ND	
MW-22R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/10/2013	ND	
MW-29	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/10/2013	ND	
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/10/2013	ND	
MW-31R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/10/2013	ND	
MW-32R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/10/2013	ND	
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/10/2013	ND	
MW-57	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/10/2013	ND	
MW-58	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/10/2013	ND	
GU-3A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/10/2013	ND	
MW-31R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/10/2013	ND	
MW-31R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/10/2013	ND	
MW-32R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/10/2013	ND	
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/10/2013	ND	
MW-50	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/10/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-51	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/10/2013	ND	
MW-52	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/10/2013	ND	
MW-53	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/10/2013	ND	
MW-54	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/10/2013	ND	
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/18/2013	ND	
MW-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/18/2013	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/18/2013	ND	
MW-20	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/18/2013	ND	
MW-21	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/18/2013	ND	
MW-22R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/18/2013	ND	
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/18/2013	ND	
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/18/2013	ND	
MW-39	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/18/2013	ND	
MW-39	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/18/2013	ND	
MW-55	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/18/2013	ND	
MW-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/20/2014	ND	
MW-20	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/20/2014	ND	
MW-21	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/20/2014	ND	
MW-21	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/20/2014	ND	
MW-22R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/20/2014	ND	
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/20/2014	ND	
MW-31R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/20/2014	ND	
MW-32R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/20/2014	ND	
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/20/2014	ND	
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/24/2014	ND	
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/24/2014	ND	
MW-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/24/2014	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/24/2014	ND	
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/24/2014	ND	
MW-39	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/24/2014	ND	
MW-50	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/24/2014	ND	
MW-51	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/24/2014	ND	
MW-52	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/24/2014	ND	
MW-53	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/24/2014	ND	
MW-54	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/24/2014	ND	
MW-55	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/24/2014	ND	
MW-58	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/24/2014	ND	
MW-29	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/24/2014	ND	
MW-56	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/24/2014	ND	
MW-57	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/24/2014	ND	
GU-3A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/24/2014	ND	
MW-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/24/2014	ND	
MW-29	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/24/2014	ND	
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/24/2014	ND	
MW-31R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/24/2014	ND	
MW-31R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/24/2014	ND	
MW-32R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/24/2014	ND	
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/24/2014	ND	
MW-50	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/24/2014	ND	
MW-51	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/24/2014	ND	
MW-52	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/24/2014	ND	
MW-53	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/24/2014	ND	
MW-54	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/24/2014	ND	
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/4/2014	ND	
MW-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/4/2014	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/4/2014	ND	
MW-20	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/4/2014	ND	
MW-21	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/4/2014	ND	
MW-22R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/4/2014	ND	
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/4/2014	ND	
MW-39	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/4/2014	ND	
MW-56	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/4/2014	ND	
MW-57	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/4/2014	ND	
MW-57	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/4/2014	ND	
MW-58	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/4/2014	ND	
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/11/2015	ND	
MW-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/11/2015	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/11/2015	ND	
MW-20	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/11/2015	ND	
MW-21	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/11/2015	ND	
MW-22R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/11/2015	ND	
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/11/2015	ND	
MW-39	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/11/2015	ND	
MW-55	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/11/2015	ND	
MW-56	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/11/2015	ND	
MW-57	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/11/2015	ND	
MW-58	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/11/2015	ND	
MW-58	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/11/2015	ND	
MW-29	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/29/2015	ND	
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/29/2015	ND	
MW-31R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/29/2015	ND	
MW-31R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/29/2015	ND	
MW-32R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/29/2015	ND	
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/29/2015	ND	
MW-50	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/29/2015	ND	
MW-51	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/29/2015	ND	
MW-52	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/29/2015	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-53	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/29/2015	ND	
MW-54	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/29/2015	ND	
GU-3A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/22/2015	ND	
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/15/2016	ND	
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/15/2016	ND	
MW-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/15/2016	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/15/2016	ND	
MW-39	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/15/2016	ND	
MW-20	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/16/2016	ND	
MW-21	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/16/2016	ND	
MW-55	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/16/2016	ND	
MW-56	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/16/2016	ND	
MW-57	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/16/2016	ND	
MW-58	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/16/2016	ND	
MW-22R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/17/2016	ND	
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/25/2016	ND	
MW-29	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/25/2016	ND	
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/25/2016	ND	
MW-31R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/25/2016	ND	
MW-32R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/25/2016	ND	
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/25/2016	ND	
MW-50	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/25/2016	ND	
MW-51	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/25/2016	ND	
MW-52	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/25/2016	ND	
MW-53	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/25/2016	ND	
MW-54	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/25/2016	ND	
GU-3A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/26/2016	ND	
MW-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/17/2017	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/17/2017	ND	
MW-22R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/17/2017	ND	
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/17/2017	ND	
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/17/2017	ND	
MW-39	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/17/2017	ND	
MW-50	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/17/2017	ND	
MW-51	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/17/2017	ND	
MW-53	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/17/2017	ND	
MW-54	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/17/2017	ND	
MW-56	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/17/2017	ND	
GU-3A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/10/2017	ND	
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/10/2017	ND	
MW-20	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/10/2017	ND	
MW-21	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/10/2017	ND	
MW-29	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/10/2017	ND	
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/10/2017	ND	
MW-31R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/10/2017	ND	
MW-32R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/10/2017	ND	
MW-32R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/10/2017	ND	
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/10/2017	ND	
MW-57	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/10/2017	ND	
MW-58	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/10/2017	ND	
MW-52	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/17/2017	ND	
MW-55	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/17/2017	ND	
GU-3A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/3/2018	ND	
GU-3A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/3/2018	ND	
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/3/2018	ND	
MW-20	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/3/2018	ND	
MW-21	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/3/2018	ND	
MW-29	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/3/2018	ND	
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/3/2018	ND	
MW-31R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/3/2018	ND	
MW-32R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/3/2018	ND	
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/3/2018	ND	
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/3/2018	ND	
MW-57	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/3/2018	ND	
MW-58	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/3/2018	ND	
MW-39	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/1/2018	ND	
MW-50	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/1/2018	ND	
MW-51	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/1/2018	ND	
MW-52	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/1/2018	ND	
MW-53	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/1/2018	ND	
MW-54	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/1/2018	ND	
MW-55	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/1/2018	ND	
MW-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/2/2018	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/2/2018	ND	
MW-22R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/2/2018	ND	
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/2/2018	ND	
MW-56	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/2/2018	NDH	
MW-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/16/2019	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/16/2019	ND	
MW-23	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/16/2019	ND	
MW-24R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/16/2019	ND	
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/16/2019	ND	
MW-55	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/16/2019	ND	
MW-50	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/20/2019	ND	
MW-51	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/20/2019	ND	
MW-52	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/20/2019	ND	
MW-54	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/20/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/20/2019	ND	
MW-53	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/21/2019	ND	
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/11/2019	ND	
MW-29	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/11/2019	ND	
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/11/2019	ND	
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/11/2019	ND	
MW-58	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/11/2019	ND	
GU-3A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/16/2020	ND	
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/16/2020	ND	
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/17/2020	ND	
MW-29	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/17/2020	ND	
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/17/2020	ND	
MW-58	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/17/2020	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/20/2020	ND	
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/20/2020	ND	
MW-51	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/20/2020	ND	
MW-55	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/20/2020	ND	
MW-56	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/20/2020	ND	
MW-57R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/20/2020	ND	
MW-73	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/20/2020	ND	
MW-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/21/2020	ND	
MW-50	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/21/2020	ND	
MW-52	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/21/2020	ND	
MW-53	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/21/2020	ND	
MW-54	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/21/2020	ND	
MW-23	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/22/2020	ND	
MW-24R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/22/2020	ND	
MW-55	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/12/2020	ND	
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/24/2021		<1.00
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/24/2021		<1.00
MW-29	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/25/2021		<1.00
MW-58	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/25/2021		<1.00
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/25/2021		<1.00
MW-68	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/25/2021		<1.00
MW-69	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/25/2021		<1.00
MW-70	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/26/2021		<1.00
MW-57R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/26/2021		<1.00
PZ-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/27/2021		<1.00
MW-73	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/27/2021		<1.00
GU-3A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/8/2021		<1.00
MW-24R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/7/2021		<1.00
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/7/2021		<1.00
MW-57R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/7/2021		<1.00
MW-73	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/7/2021		<1.00
MW-56	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/7/2021		<1.00
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/7/2021		<1.00
MW-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/7/2021		<1.00
MW-55	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/7/2021		<1.00
MW-50	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/7/2021		<1.00
MW-23	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/8/2021		<1.00
MW-39	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/8/2021		<1.00
MW-51	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/8/2021		<1.00
MW-52	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/8/2021		<1.00
MW-53	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/8/2021		<1.00
MW-54	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/8/2021		<1.00
MW-51	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/15/2010	ND	
MW-24R	u	1,1,1-Trichloroethane	71-55-6	ug/L	2/11/2010	ND	
MW-53	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/11/2010	ND	
GU-3A	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/24/2010	ND	
MW-20	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/24/2010	ND	
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/24/2010	ND	
MW-22R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/24/2010	ND	
MW-52	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/24/2010	ND	
MW-54	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/24/2010	ND	
MW-55	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/24/2010	ND	
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2010	ND	
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2010	ND	
MW-50	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2010	ND	
MW-56	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2010	ND	
MW-57	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2010	ND	
MW-58	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2010	ND	
MW-32R	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/18/2010	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/17/2010	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/17/2010	ND	
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/17/2010	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/17/2010	ND	
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/17/2010	ND	
MW-51	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/17/2010	ND	
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/21/2010	ND	
MW-54	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/21/2010	ND	
MW-20	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/17/2010	ND	
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/17/2010	ND	
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/17/2010	ND	
MW-51	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/17/2010	ND	
GU-3A	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/17/2010	ND	
MW-22R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/17/2010	ND	
MW-55	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/17/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/22/2010	ND	
MW-24R	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/22/2010	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/22/2010	ND	
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/22/2010	ND	
MW-50	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/22/2010	ND	
MW-53	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/22/2010	ND	
MW-56	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/22/2010	ND	
MW-58	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/22/2010	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/8/2010	ND	
MW-32R	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/8/2010	ND	
MW-57	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/8/2010	ND	
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/15/2010	ND	
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/15/2010	ND	
MW-52	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/15/2010	ND	
MW-54	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/12/2011	ND	
MW-54	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/12/2011	ND	
MW-20	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/22/2011	ND	
MW-22R	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/22/2011	ND	
MW-51	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/22/2011	ND	
MW-52	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/22/2011	ND	
MW-53	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/22/2011	ND	
MW-55	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/22/2011	ND	
GU-3A	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/2/2011	ND	
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/2/2011	ND	
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/2/2011	ND	
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/21/2011	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/21/2011	ND	
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/21/2011	ND	
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/21/2011	ND	
MW-32R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/21/2011	ND	
MW-54	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/31/2011	ND	
MW-56	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/31/2011	ND	
MW-57	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/31/2011	ND	
MW-58	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/31/2011	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/7/2011	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/7/2011	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/7/2011	ND	
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/7/2011	ND	
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/7/2011	ND	
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/7/2011	ND	
MW-50	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/7/2011	ND	
MW-52	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/22/2011	ND	
MW-56	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/22/2011	ND	
MW-58	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/22/2011	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/29/2011	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/29/2011	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/29/2011	ND	
MW-32R	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/29/2011	ND	
GU-3A	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/9/2011	ND	
MW-22R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/9/2011	ND	
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/9/2011	ND	
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/9/2011	ND	
MW-51	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/9/2011	ND	
MW-53	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/9/2011	ND	
MW-53	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/9/2011	ND	
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2011	ND	
MW-50	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2011	ND	
MW-50	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2011	ND	
MW-54	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2011	ND	
MW-57	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2011	ND	
MW-20	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/29/2011	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/29/2011	ND	
MW-52	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/29/2011	ND	
MW-55	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/29/2011	ND	
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/16/2011	ND	
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/16/2011	ND	
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/16/2011	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/8/2012	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/8/2012	ND	
MW-20	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/8/2012	ND	
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/8/2012	ND	
MW-22R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/8/2012	ND	
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/8/2012	ND	
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/8/2012	ND	
MW-55	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/8/2012	ND	
MW-56	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/8/2012	ND	
MW-57	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/8/2012	ND	
MW-58	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/8/2012	ND	
GU-3A	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/13/2012	ND	
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/13/2012	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/13/2012	ND	
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/13/2012	ND	
MW-32R	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/13/2012	ND	
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/13/2012	ND	
MW-50	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/13/2012	ND	
MW-50	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/13/2012	ND	
MW-51	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/13/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-52	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/13/2012	ND	
MW-53	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/13/2012	ND	
MW-54	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/13/2012	ND	
GU-3A	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/4/2012	ND	
MW-20	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/4/2012	ND	
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/4/2012	ND	
MW-22R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/4/2012	ND	
MW-50	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/4/2012	ND	
MW-51	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/4/2012	ND	
MW-52	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/4/2012	ND	
MW-53	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/4/2012	ND	
MW-54	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/4/2012	ND	
MW-54	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/4/2012	ND	
MW-57	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/4/2012	ND	
MW-58	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/4/2012	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/19/2012	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/19/2012	ND	
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/19/2012	ND	
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/19/2012	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/19/2012	ND	
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/19/2012	ND	
MW-32R	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/19/2012	ND	
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/19/2012	ND	
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/19/2012	ND	
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/19/2012	ND	
MW-55	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/19/2012	ND	
MW-56	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/19/2012	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/11/2013	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/11/2013	ND	
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/11/2013	ND	
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/11/2013	ND	
MW-50	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/11/2013	ND	
MW-50	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/11/2013	ND	
MW-51	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/11/2013	ND	
MW-52	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/11/2013	ND	
MW-53	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/11/2013	ND	
MW-54	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/11/2013	ND	
MW-55	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/11/2013	ND	
MW-56	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/11/2013	ND	
MW-20	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/10/2013	ND	
MW-20	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/10/2013	ND	
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/10/2013	ND	
MW-22R	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/10/2013	ND	
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/10/2013	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/10/2013	ND	
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/10/2013	ND	
MW-32R	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/10/2013	ND	
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/10/2013	ND	
MW-57	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/10/2013	ND	
MW-58	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/10/2013	ND	
GU-3A	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/10/2013	ND	
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/10/2013	ND	
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/10/2013	ND	
MW-32R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/10/2013	ND	
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/10/2013	ND	
MW-50	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/10/2013	ND	
MW-51	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/10/2013	ND	
MW-52	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/10/2013	ND	
MW-53	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/10/2013	ND	
MW-54	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/10/2013	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/18/2013	ND	
MW-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/18/2013	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/18/2013	ND	
MW-20	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/18/2013	ND	
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/18/2013	ND	
MW-22R	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/18/2013	ND	
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/18/2013	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/18/2013	ND	
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/18/2013	ND	
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/18/2013	ND	
MW-55	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/18/2013	ND	
MW-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/20/2014	ND	
MW-20	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/20/2014	ND	
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/20/2014	ND	
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/20/2014	ND	
MW-22R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/20/2014	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/20/2014	ND	
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/20/2014	ND	
MW-32R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/20/2014	ND	
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/20/2014	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/24/2014	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/24/2014	ND	
MW-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/24/2014	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/24/2014	ND	
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/24/2014	ND	
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/24/2014	ND	
MW-50	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-51	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/24/2014	ND	
MW-52	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/24/2014	ND	
MW-53	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/24/2014	ND	
MW-54	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/24/2014	ND	
MW-55	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/24/2014	ND	
MW-58	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/24/2014	ND	
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/24/2014	ND	
MW-56	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/24/2014	ND	
MW-57	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/24/2014	ND	
GU-3A	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/24/2014	ND	
MW-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/24/2014	ND	
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/24/2014	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/24/2014	ND	
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/24/2014	ND	
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/24/2014	ND	
MW-32R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/24/2014	ND	
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/24/2014	ND	
MW-50	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/24/2014	ND	
MW-51	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/24/2014	ND	
MW-52	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/24/2014	ND	
MW-53	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/24/2014	ND	
MW-54	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/24/2014	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/4/2014	ND	
MW-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/4/2014	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/4/2014	ND	
MW-20	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/4/2014	ND	
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/4/2014	ND	
MW-22R	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/4/2014	ND	
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/4/2014	ND	
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/4/2014	ND	
MW-56	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/4/2014	ND	
MW-57	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/4/2014	ND	
MW-57	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/4/2014	ND	
MW-58	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/4/2014	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/11/2015	ND	
MW-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/11/2015	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/11/2015	ND	
MW-20	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/11/2015	ND	
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/11/2015	ND	
MW-22R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/11/2015	ND	
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/11/2015	ND	
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/11/2015	ND	
MW-55	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/11/2015	ND	
MW-56	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/11/2015	ND	
MW-57	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/11/2015	ND	
MW-58	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/11/2015	ND	
MW-58	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/11/2015	ND	
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/29/2015	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/29/2015	ND	
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/29/2015	ND	
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/29/2015	ND	
MW-32R	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/29/2015	ND	
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/29/2015	ND	
MW-50	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/29/2015	ND	
MW-51	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/29/2015	ND	
MW-52	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/29/2015	ND	
MW-53	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/29/2015	ND	
MW-54	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/29/2015	ND	
GU-3A	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/22/2015	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/15/2016	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/15/2016	ND	
MW-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/15/2016	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/15/2016	ND	
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/15/2016	ND	
MW-20	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/16/2016	ND	
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/16/2016	ND	
MW-55	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/16/2016	ND	
MW-56	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/16/2016	ND	
MW-57	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/16/2016	ND	
MW-58	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/16/2016	ND	
MW-22R	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/17/2016	ND	
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/25/2016	ND	
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/25/2016	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/25/2016	ND	
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/25/2016	ND	
MW-32R	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/25/2016	ND	
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/25/2016	ND	
MW-50	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/25/2016	ND	
MW-51	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/25/2016	ND	
MW-52	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/25/2016	ND	
MW-53	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/25/2016	ND	
MW-54	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/25/2016	ND	
GU-3A	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/26/2016	ND	
MW-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/17/2017	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/17/2017	ND	
MW-22R	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/17/2017	ND	
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/17/2017	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/17/2017	ND	
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/17/2017	ND	
MW-50	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/17/2017	ND	
MW-51	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/17/2017	ND	
MW-53	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/17/2017	ND	
MW-54	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/17/2017	ND	
MW-56	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/17/2017	ND	
GU-3A	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/10/2017	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/10/2017	ND	
MW-20	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/10/2017	ND	
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/10/2017	ND	
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/10/2017	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/10/2017	ND	
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/10/2017	ND	
MW-32R	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/10/2017	ND	
MW-32R	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/10/2017	ND	
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/10/2017	ND	
MW-57	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/10/2017	ND	
MW-58	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/10/2017	ND	
MW-52	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/17/2017	ND	
MW-55	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/17/2017	ND	
GU-3A	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/3/2018	ND	
GU-3A	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/3/2018	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/3/2018	ND	
MW-20	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/3/2018	ND	
MW-21	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/3/2018	ND	
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/3/2018	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/3/2018	ND	
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/3/2018	ND	
MW-32R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/3/2018	ND	
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/3/2018	ND	
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/3/2018	ND	
MW-57	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/3/2018	ND	
MW-58	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/3/2018	ND	
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/1/2018	ND	
MW-50	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/1/2018	ND	
MW-51	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/1/2018	ND	
MW-52	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/1/2018	ND	
MW-53	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/1/2018	ND	
MW-54	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/1/2018	ND	
MW-55	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/1/2018	ND	
MW-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/2/2018	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/2/2018	ND	
MW-22R	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/2/2018	ND	
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/2/2018	ND	
MW-56	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/2/2018	NDH	
MW-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/16/2019	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/16/2019	ND	
MW-23	u	1,1,1-Trichloroethane	71-55-6	ug/L	5/16/2019	ND	
MW-24R	u	1,1,1-Trichloroethane	71-55-6	ug/L	5/16/2019	ND	
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/16/2019	ND	
MW-55	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/16/2019	ND	
MW-50	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/20/2019	ND	
MW-51	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/20/2019	ND	
MW-52	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/20/2019	ND	
MW-54	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/20/2019	ND	
MW-56	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/20/2019	ND	
MW-53	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/21/2019	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/11/2019	ND	
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/11/2019	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/11/2019	ND	
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/11/2019	ND	
MW-58	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/11/2019	ND	
GU-3A	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/16/2020	ND	
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/16/2020	ND	
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/17/2020	ND	
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/17/2020	ND	
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/17/2020	ND	
MW-58	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/17/2020	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/20/2020	ND	
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/20/2020	ND	
MW-51	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/20/2020	ND	
MW-55	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/20/2020	ND	
MW-56	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/20/2020	ND	
MW-57R	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/20/2020	ND	
MW-73	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/20/2020	ND	
MW-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/21/2020	ND	
MW-50	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/21/2020	ND	
MW-52	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/21/2020	ND	
MW-53	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/21/2020	ND	
MW-54	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/21/2020	ND	
MW-23	u	1,1,1-Trichloroethane	71-55-6	ug/L	7/22/2020	ND	
MW-24R	u	1,1,1-Trichloroethane	71-55-6	ug/L	7/22/2020	ND	
MW-55	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/12/2020	ND	
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/24/2021		<1.00
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/24/2021		<1.00
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/25/2021		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/25/2021		<1.00
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/25/2021		<1.00
MW-68	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/25/2021		<1.00
MW-69	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/25/2021		<1.00
MW-70	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/26/2021		<1.00
MW-57R	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/26/2021		<1.00
PZ-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/27/2021		<1.00
MW-73	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/27/2021		<1.00
GU-3A	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/8/2021		<1.00
MW-24R	u	1,1,1-Trichloroethane	71-55-6	ug/L	12/7/2021		<1.00
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/7/2021		<1.00
MW-57R	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/7/2021		<1.00
MW-73	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/7/2021		<1.00
MW-56	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/7/2021		<1.00
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/7/2021		<1.00
MW-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/7/2021		<1.00
MW-55	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/7/2021		<1.00
MW-50	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/7/2021		<1.00
MW-23	u	1,1,1-Trichloroethane	71-55-6	ug/L	12/8/2021		<1.00
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/8/2021		<1.00
MW-51	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/8/2021		<1.00
MW-52	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/8/2021		<1.00
MW-53	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/8/2021		<1.00
MW-54	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/8/2021		<1.00
MW-51	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/15/2010	ND	
MW-24R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/11/2010	ND	
MW-53	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/11/2010	ND	
GU-3A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/24/2010	ND	
MW-20	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/24/2010	ND	
MW-21	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/24/2010	ND	
MW-22R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/24/2010	ND	
MW-52	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/24/2010	ND	
MW-54	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/24/2010	ND	
MW-55	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/24/2010	ND	
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2010	ND	
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2010	ND	
MW-50	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2010	ND	
MW-56	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2010	ND	
MW-57	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2010	ND	
MW-58	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2010	ND	
MW-32R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/18/2010	ND	
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/17/2010	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/17/2010	ND	
MW-29	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/17/2010	ND	
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/17/2010	ND	
MW-31R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/17/2010	ND	
MW-51	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/17/2010	ND	
MW-21	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/21/2010	ND	
MW-54	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/21/2010	ND	
MW-20	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/17/2010	ND	
MW-29	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/17/2010	ND	
MW-39	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/17/2010	ND	
MW-51	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/17/2010	ND	
GU-3A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/17/2010	ND	
MW-22R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/17/2010	ND	
MW-55	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/17/2010	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/22/2010	ND	
MW-24R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/22/2010	ND	
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/22/2010	ND	
MW-31R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/22/2010	ND	
MW-50	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/22/2010	ND	
MW-53	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/22/2010	ND	
MW-56	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/22/2010	ND	
MW-58	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/22/2010	ND	
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/8/2010	ND	
MW-32R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/8/2010	ND	
MW-57	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/8/2010	ND	
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/15/2010	ND	
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/15/2010	ND	
MW-52	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/15/2010	ND	
MW-54	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/12/2011	ND	
MW-54	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/12/2011	ND	
MW-20	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/22/2011	ND	
MW-22R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/22/2011	ND	
MW-51	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/22/2011	ND	
MW-52	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/22/2011	ND	
MW-53	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/22/2011	ND	
MW-55	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/22/2011	ND	
GU-3A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/2/2011	ND	
MW-21	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/2/2011	ND	
MW-21	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/2/2011	ND	
MW-29	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/21/2011	ND	
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/21/2011	ND	
MW-31R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/21/2011	ND	
MW-31R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/21/2011	ND	
MW-32R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/21/2011	ND	
MW-54	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/31/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/31/2011	ND	
MW-57	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/31/2011	ND	
MW-58	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/31/2011	ND	
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/7/2011	ND	
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/7/2011	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/7/2011	ND	
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/7/2011	ND	
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/7/2011	ND	
MW-39	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/7/2011	ND	
MW-50	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/7/2011	ND	
MW-52	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/22/2011	ND	
MW-56	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/22/2011	ND	
MW-58	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/22/2011	ND	
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/29/2011	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/29/2011	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/29/2011	ND	
MW-32R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/29/2011	ND	
GU-3A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/9/2011	ND	
MW-22R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/9/2011	ND	
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/9/2011	ND	
MW-29	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/9/2011	ND	
MW-51	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/9/2011	ND	
MW-53	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/9/2011	ND	
MW-53	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/9/2011	ND	
MW-21	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2011	ND	
MW-50	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2011	ND	
MW-50	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2011	ND	
MW-54	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2011	ND	
MW-57	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2011	ND	
MW-20	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/29/2011	ND	
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/29/2011	ND	
MW-52	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/29/2011	ND	
MW-55	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/29/2011	ND	
MW-31R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/16/2011	ND	
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/16/2011	ND	
MW-39	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/16/2011	ND	
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/8/2012	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/8/2012	ND	
MW-20	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/8/2012	ND	
MW-21	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/8/2012	ND	
MW-22R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/8/2012	ND	
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/8/2012	ND	
MW-39	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/8/2012	ND	
MW-55	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/8/2012	ND	
MW-56	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/8/2012	ND	
MW-57	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/8/2012	ND	
MW-58	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/8/2012	ND	
GU-3A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/13/2012	ND	
MW-29	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/13/2012	ND	
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/13/2012	ND	
MW-31R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/13/2012	ND	
MW-32R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/13/2012	ND	
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/13/2012	ND	
MW-50	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/13/2012	ND	
MW-50	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/13/2012	ND	
MW-51	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/13/2012	ND	
MW-52	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/13/2012	ND	
MW-53	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/13/2012	ND	
MW-54	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/13/2012	ND	
GU-3A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/4/2012	ND	
MW-20	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/4/2012	ND	
MW-21	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/4/2012	ND	
MW-22R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/4/2012	ND	
MW-50	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/4/2012	ND	
MW-51	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/4/2012	ND	
MW-52	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/4/2012	ND	
MW-53	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/4/2012	ND	
MW-54	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/4/2012	ND	
MW-54	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/4/2012	ND	
MW-57	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/4/2012	ND	
MW-58	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/4/2012	ND	
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/19/2012	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/19/2012	ND	
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/19/2012	ND	
MW-29	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/19/2012	ND	
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/19/2012	ND	
MW-31R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/19/2012	ND	
MW-32R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/19/2012	ND	
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/19/2012	ND	
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/19/2012	ND	
MW-39	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/19/2012	ND	
MW-55	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/19/2012	ND	
MW-56	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/19/2012	ND	
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/11/2013	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/11/2013	ND	
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/11/2013	ND	
MW-39	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/11/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/11/2013	ND	
MW-50	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/11/2013	ND	
MW-51	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/11/2013	ND	
MW-52	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/11/2013	ND	
MW-53	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/11/2013	ND	
MW-54	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/11/2013	ND	
MW-55	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/11/2013	ND	
MW-56	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/11/2013	ND	
MW-20	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/10/2013	ND	
MW-20	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/10/2013	ND	
MW-21	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/10/2013	ND	
MW-22R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/10/2013	ND	
MW-29	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/10/2013	ND	
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/10/2013	ND	
MW-31R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/10/2013	ND	
MW-32R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/10/2013	ND	
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/10/2013	ND	
MW-57	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/10/2013	ND	
MW-58	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/10/2013	ND	
GU-3A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/10/2013	ND	
MW-31R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/10/2013	ND	
MW-31R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/10/2013	ND	
MW-32R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/10/2013	ND	
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/10/2013	ND	
MW-50	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/10/2013	ND	
MW-51	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/10/2013	ND	
MW-52	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/10/2013	ND	
MW-53	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/10/2013	ND	
MW-54	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/10/2013	ND	
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/18/2013	ND	
MW-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/18/2013	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/18/2013	ND	
MW-20	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/18/2013	ND	
MW-21	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/18/2013	ND	
MW-22R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/18/2013	ND	
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/18/2013	ND	
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/18/2013	ND	
MW-39	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/18/2013	ND	
MW-39	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/18/2013	ND	
MW-55	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/18/2013	ND	
MW-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/20/2014	ND	
MW-20	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/20/2014	ND	
MW-21	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/20/2014	ND	
MW-21	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/20/2014	ND	
MW-22R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/20/2014	ND	
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/20/2014	ND	
MW-31R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/20/2014	ND	
MW-32R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/20/2014	ND	
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/20/2014	ND	
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/24/2014	ND	
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/24/2014	ND	
MW-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/24/2014	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/24/2014	ND	
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/24/2014	ND	
MW-39	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/24/2014	ND	
MW-50	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/24/2014	ND	
MW-51	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/24/2014	ND	
MW-52	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/24/2014	ND	
MW-53	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/24/2014	ND	
MW-54	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/24/2014	ND	
MW-55	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/24/2014	ND	
MW-58	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/24/2014	ND	
MW-29	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/24/2014	ND	
MW-56	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/24/2014	ND	
MW-57	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/24/2014	ND	
GU-3A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/24/2014	ND	
MW-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/24/2014	ND	
MW-29	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/24/2014	ND	
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/24/2014	ND	
MW-31R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/24/2014	ND	
MW-31R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/24/2014	ND	
MW-32R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/24/2014	ND	
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/24/2014	ND	
MW-50	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/24/2014	ND	
MW-51	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/24/2014	ND	
MW-52	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/24/2014	ND	
MW-53	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/24/2014	ND	
MW-54	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/24/2014	ND	
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/4/2014	ND	
MW-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/4/2014	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/4/2014	ND	
MW-20	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/4/2014	ND	
MW-21	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/4/2014	ND	
MW-22R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/4/2014	ND	
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/4/2014	ND	
MW-39	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/4/2014	ND	
MW-56	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/4/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/4/2014	ND	
MW-57	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/4/2014	ND	
MW-58	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/4/2014	ND	
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/11/2015	ND	
MW-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/11/2015	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/11/2015	ND	
MW-20	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/11/2015	ND	
MW-21	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/11/2015	ND	
MW-22R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/11/2015	ND	
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/11/2015	ND	
MW-39	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/11/2015	ND	
MW-55	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/11/2015	ND	
MW-56	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/11/2015	ND	
MW-57	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/11/2015	ND	
MW-58	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/11/2015	ND	
MW-58	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/11/2015	ND	
MW-29	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/29/2015	ND	
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/29/2015	ND	
MW-31R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/29/2015	ND	
MW-31R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/29/2015	ND	
MW-32R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/29/2015	ND	
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/29/2015	ND	
MW-50	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/29/2015	ND	
MW-51	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/29/2015	ND	
MW-52	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/29/2015	ND	
MW-53	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/29/2015	ND	
MW-54	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/29/2015	ND	
GU-3A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/22/2015	ND	
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/15/2016	ND	
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/15/2016	ND	
MW-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/15/2016	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/15/2016	ND	
MW-39	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/15/2016	ND	
MW-20	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/16/2016	ND	
MW-21	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/16/2016	ND	
MW-55	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/16/2016	ND	
MW-56	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/16/2016	ND	
MW-57	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/16/2016	ND	
MW-58	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/16/2016	ND	
MW-22R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/17/2016	ND	
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/25/2016	ND	
MW-29	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/25/2016	ND	
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/25/2016	ND	
MW-31R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/25/2016	ND	
MW-32R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/25/2016	ND	
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/25/2016	ND	
MW-50	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/25/2016	ND	
MW-51	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/25/2016	ND	
MW-52	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/25/2016	ND	
MW-53	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/25/2016	ND	
MW-54	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/25/2016	ND	
GU-3A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/26/2016	ND	
MW-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/17/2017	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/17/2017	ND	
MW-22R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/17/2017	ND	
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/17/2017	ND	
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/17/2017	ND	
MW-39	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/17/2017	ND	
MW-50	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/17/2017	ND	
MW-51	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/17/2017	ND	
MW-53	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/17/2017	ND	
MW-54	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/17/2017	ND	
MW-56	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/17/2017	ND	
GU-3A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/10/2017	ND	
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/10/2017	ND	
MW-20	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/10/2017	ND	
MW-21	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/10/2017	ND	
MW-29	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/10/2017	ND	
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/10/2017	ND	
MW-31R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/10/2017	ND	
MW-32R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/10/2017	ND	
MW-32R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/10/2017	ND	
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/10/2017	ND	
MW-57	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/10/2017	ND	
MW-58	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/10/2017	ND	
MW-52	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/17/2017	ND	
MW-55	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/17/2017	ND	
GU-3A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/3/2018	ND	
GU-3A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/3/2018	ND	
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/3/2018	ND	
MW-20	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/3/2018	ND	
MW-21	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/3/2018	ND	
MW-29	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/3/2018	ND	
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/3/2018	ND	
MW-31R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/3/2018	ND	
MW-32R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/3/2018	ND	
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/3/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/3/2018	ND	
MW-57	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/3/2018	ND	
MW-58	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/3/2018	ND	
MW-39	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/1/2018	ND	
MW-50	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/1/2018	ND	
MW-51	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/1/2018	ND	
MW-52	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/1/2018	ND	
MW-53	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/1/2018	ND	
MW-54	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/1/2018	ND	
MW-55	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/1/2018	ND	
MW-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/2/2018	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/2/2018	ND	
MW-22R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/2/2018	ND	
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/2/2018	ND	
MW-56	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/2/2018	NDH	
MW-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/16/2019	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/16/2019	ND	
MW-23	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/16/2019	ND	
MW-24R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/16/2019	ND	
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/16/2019	ND	
MW-55	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/16/2019	ND	
MW-50	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/20/2019	ND	
MW-51	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/20/2019	ND	
MW-52	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/20/2019	ND	
MW-54	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/20/2019	ND	
MW-56	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/20/2019	ND	
MW-53	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/21/2019	ND	
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/11/2019	ND	
MW-29	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/11/2019	ND	
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/11/2019	ND	
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/11/2019	ND	
MW-58	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/11/2019	ND	
GU-3A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/16/2020	ND	
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/16/2020	ND	
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/17/2020	ND	
MW-29	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/17/2020	ND	
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/17/2020	ND	
MW-58	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/17/2020	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/20/2020	ND	
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/20/2020	ND	
MW-51	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/20/2020	ND	
MW-55	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/20/2020	ND	
MW-56	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/20/2020	ND	
MW-57R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/20/2020	ND	
MW-73	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/20/2020	ND	
MW-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/21/2020	ND	
MW-50	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/21/2020	ND	
MW-52	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/21/2020	ND	
MW-53	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/21/2020	ND	
MW-54	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/21/2020	ND	
MW-23	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/22/2020	ND	
MW-24R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/22/2020	ND	
MW-55	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/12/2020	ND	
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/24/2021		<1.00
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/24/2021		<1.00
MW-29	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/25/2021		<1.00
MW-58	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/25/2021		<1.00
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/25/2021		<1.00
MW-68	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/25/2021		<1.00
MW-69	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/25/2021		<1.00
MW-70	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/26/2021		<1.00
MW-57R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/26/2021		<1.00
PZ-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/27/2021		<1.00
MW-73	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/27/2021		<1.00
GU-3A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/8/2021		<1.00
MW-24R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/7/2021		<1.00
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/7/2021		<1.00
MW-57R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/7/2021		<1.00
MW-73	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/7/2021		<1.00
MW-56	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/7/2021		<1.00
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/7/2021		<1.00
MW-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/7/2021		<1.00
MW-55	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/7/2021		<1.00
MW-50	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/7/2021		<1.00
MW-23	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/8/2021		<1.00
MW-39	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/8/2021		<1.00
MW-51	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/8/2021		<1.00
MW-52	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/8/2021		<1.00
MW-53	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/8/2021		<1.00
MW-54	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/8/2021		<1.00
MW-51	d	1,1,2-Trichloroethane	79-00-5	ug/L	1/15/2010	ND	
MW-24R	u	1,1,2-Trichloroethane	79-00-5	ug/L	2/11/2010	ND	
MW-53	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/11/2010	ND	
GU-3A	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/24/2010	ND	
MW-20	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/24/2010	ND	
MW-21	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/24/2010	ND	
MW-22R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/24/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-52	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/24/2010	ND	
MW-54	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/24/2010	ND	
MW-55	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/24/2010	ND	
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2010	ND	
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2010	ND	
MW-50	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2010	ND	
MW-56	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2010	ND	
MW-57	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2010	ND	
MW-58	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2010	ND	
MW-32R	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/18/2010	ND	
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/17/2010	ND	
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/17/2010	ND	
MW-29	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/17/2010	ND	
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/17/2010	ND	
MW-31R	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/17/2010	ND	
MW-51	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/17/2010	ND	
MW-21	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/21/2010	ND	
MW-54	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/21/2010	ND	
MW-20	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/17/2010	ND	
MW-29	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/17/2010	ND	
MW-39	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/17/2010	ND	
MW-51	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/17/2010	ND	
GU-3A	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/17/2010	ND	
MW-22R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/17/2010	ND	
MW-55	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/17/2010	ND	
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/22/2010	ND	
MW-24R	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/22/2010	ND	
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/22/2010	ND	
MW-31R	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/22/2010	ND	
MW-50	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/22/2010	ND	
MW-53	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/22/2010	ND	
MW-56	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/22/2010	ND	
MW-58	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/22/2010	ND	
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/8/2010	ND	
MW-32R	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/8/2010	ND	
MW-57	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/8/2010	ND	
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/15/2010	ND	
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/15/2010	ND	
MW-52	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/15/2010	ND	
MW-54	d	1,1,2-Trichloroethane	79-00-5	ug/L	1/12/2011	ND	
MW-54	d	1,1,2-Trichloroethane	79-00-5	ug/L	1/12/2011	ND	
MW-20	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/22/2011	ND	
MW-22R	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/22/2011	ND	
MW-51	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/22/2011	ND	
MW-52	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/22/2011	ND	
MW-53	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/22/2011	ND	
MW-55	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/22/2011	ND	
GU-3A	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/2/2011	ND	
MW-21	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/2/2011	ND	
MW-21	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/2/2011	ND	
MW-29	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/21/2011	ND	
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/21/2011	ND	
MW-31R	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/21/2011	ND	
MW-31R	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/21/2011	ND	
MW-32R	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/21/2011	ND	
MW-54	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/31/2011	ND	
MW-56	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/31/2011	ND	
MW-57	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/31/2011	ND	
MW-58	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/31/2011	ND	
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/7/2011	ND	
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/7/2011	ND	
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/7/2011	ND	
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/7/2011	ND	
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/7/2011	ND	
MW-39	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/7/2011	ND	
MW-50	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/7/2011	ND	
MW-52	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/22/2011	ND	
MW-56	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/22/2011	ND	
MW-58	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/22/2011	ND	
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/29/2011	ND	
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/29/2011	ND	
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/29/2011	ND	
MW-32R	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/29/2011	ND	
GU-3A	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/9/2011	ND	
MW-22R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/9/2011	ND	
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/9/2011	ND	
MW-29	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/9/2011	ND	
MW-51	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/9/2011	ND	
MW-53	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/9/2011	ND	
MW-53	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/9/2011	ND	
MW-21	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2011	ND	
MW-50	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2011	ND	
MW-50	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2011	ND	
MW-54	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2011	ND	
MW-57	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2011	ND	
MW-20	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/29/2011	ND	
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/29/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-52	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/29/2011	ND	
MW-55	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/29/2011	ND	
MW-31R	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/16/2011	ND	
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/16/2011	ND	
MW-39	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/16/2011	ND	
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/8/2012	ND	
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/8/2012	ND	
MW-20	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/8/2012	ND	
MW-21	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/8/2012	ND	
MW-22R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/8/2012	ND	
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/8/2012	ND	
MW-39	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/8/2012	ND	
MW-55	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/8/2012	ND	
MW-56	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/8/2012	ND	
MW-57	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/8/2012	ND	
MW-58	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/8/2012	ND	
GU-3A	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/13/2012	ND	
MW-29	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/13/2012	ND	
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/13/2012	ND	
MW-31R	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/13/2012	ND	
MW-32R	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/13/2012	ND	
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/13/2012	ND	
MW-50	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/13/2012	ND	
MW-50	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/13/2012	ND	
MW-51	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/13/2012	ND	
MW-52	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/13/2012	ND	
MW-53	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/13/2012	ND	
MW-54	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/13/2012	ND	
GU-3A	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/4/2012	ND	
MW-20	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/4/2012	ND	
MW-21	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/4/2012	ND	
MW-22R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/4/2012	ND	
MW-50	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/4/2012	ND	
MW-51	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/4/2012	ND	
MW-52	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/4/2012	ND	
MW-53	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/4/2012	ND	
MW-54	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/4/2012	ND	
MW-54	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/4/2012	ND	
MW-57	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/4/2012	ND	
MW-58	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/4/2012	ND	
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/19/2012	ND	
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/19/2012	ND	
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/19/2012	ND	
MW-29	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/19/2012	ND	
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/19/2012	ND	
MW-31R	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/19/2012	ND	
MW-32R	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/19/2012	ND	
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/19/2012	ND	
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/19/2012	ND	
MW-39	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/19/2012	ND	
MW-55	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/19/2012	ND	
MW-56	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/19/2012	ND	
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/11/2013	ND	
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/11/2013	ND	
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/11/2013	ND	
MW-39	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/11/2013	ND	
MW-50	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/11/2013	ND	
MW-50	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/11/2013	ND	
MW-51	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/11/2013	ND	
MW-52	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/11/2013	ND	
MW-53	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/11/2013	ND	
MW-54	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/11/2013	ND	
MW-55	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/11/2013	ND	
MW-56	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/11/2013	ND	
MW-20	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/10/2013	ND	
MW-20	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/10/2013	ND	
MW-21	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/10/2013	ND	
MW-22R	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/10/2013	ND	
MW-29	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/10/2013	ND	
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/10/2013	ND	
MW-31R	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/10/2013	ND	
MW-32R	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/10/2013	ND	
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/10/2013	ND	
MW-57	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/10/2013	ND	
MW-58	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/10/2013	ND	
GU-3A	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/10/2013	ND	
MW-31R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/10/2013	ND	
MW-31R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/10/2013	ND	
MW-32R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/10/2013	ND	
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/10/2013	ND	
MW-50	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/10/2013	ND	
MW-51	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/10/2013	ND	
MW-52	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/10/2013	ND	
MW-53	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/10/2013	ND	
MW-54	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/10/2013	ND	
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/18/2013	ND	
MW-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/18/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/18/2013	ND	
MW-20	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/18/2013	ND	
MW-21	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/18/2013	ND	
MW-22R	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/18/2013	ND	
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/18/2013	ND	
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/18/2013	ND	
MW-39	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/18/2013	ND	
MW-39	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/18/2013	ND	
MW-55	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/18/2013	ND	
MW-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/20/2014	ND	
MW-20	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/20/2014	ND	
MW-21	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/20/2014	ND	
MW-21	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/20/2014	ND	
MW-22R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/20/2014	ND	
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/20/2014	ND	
MW-31R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/20/2014	ND	
MW-32R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/20/2014	ND	
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/20/2014	ND	
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/24/2014	ND	
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/24/2014	ND	
MW-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/24/2014	ND	
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/24/2014	ND	
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/24/2014	ND	
MW-39	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/24/2014	ND	
MW-50	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/24/2014	ND	
MW-51	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/24/2014	ND	
MW-52	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/24/2014	ND	
MW-53	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/24/2014	ND	
MW-54	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/24/2014	ND	
MW-55	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/24/2014	ND	
MW-58	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/24/2014	ND	
MW-29	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/24/2014	ND	
MW-56	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/24/2014	ND	
MW-57	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/24/2014	ND	
GU-3A	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/24/2014	ND	
MW-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/24/2014	ND	
MW-29	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/24/2014	ND	
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/24/2014	ND	
MW-31R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/24/2014	ND	
MW-31R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/24/2014	ND	
MW-32R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/24/2014	ND	
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/24/2014	ND	
MW-50	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/24/2014	ND	
MW-51	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/24/2014	ND	
MW-52	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/24/2014	ND	
MW-53	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/24/2014	ND	
MW-54	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/24/2014	ND	
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/4/2014	ND	
MW-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/4/2014	ND	
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/4/2014	ND	
MW-20	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/4/2014	ND	
MW-21	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/4/2014	ND	
MW-22R	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/4/2014	ND	
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/4/2014	ND	
MW-39	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/4/2014	ND	
MW-56	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/4/2014	ND	
MW-57	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/4/2014	ND	
MW-57	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/4/2014	ND	
MW-58	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/4/2014	ND	
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/11/2015	ND	
MW-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/11/2015	ND	
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/11/2015	ND	
MW-20	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/11/2015	ND	
MW-21	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/11/2015	ND	
MW-22R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/11/2015	ND	
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/11/2015	ND	
MW-39	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/11/2015	ND	
MW-55	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/11/2015	ND	
MW-56	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/11/2015	ND	
MW-57	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/11/2015	ND	
MW-58	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/11/2015	ND	
MW-58	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/11/2015	ND	
MW-29	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/29/2015	ND	
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/29/2015	ND	
MW-31R	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/29/2015	ND	
MW-31R	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/29/2015	ND	
MW-32R	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/29/2015	ND	
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/29/2015	ND	
MW-50	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/29/2015	ND	
MW-51	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/29/2015	ND	
MW-52	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/29/2015	ND	
MW-53	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/29/2015	ND	
MW-54	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/29/2015	ND	
GU-3A	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/22/2015	ND	
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/15/2016	ND	
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/15/2016	ND	
MW-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/15/2016	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/15/2016	ND	
MW-39	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/15/2016	ND	
MW-20	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/16/2016	ND	
MW-21	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/16/2016	ND	
MW-55	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/16/2016	ND	
MW-56	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/16/2016	ND	
MW-57	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/16/2016	ND	
MW-58	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/16/2016	ND	
MW-22R	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/17/2016	ND	
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/25/2016	ND	
MW-29	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/25/2016	ND	
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/25/2016	ND	
MW-31R	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/25/2016	ND	
MW-32R	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/25/2016	ND	
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/25/2016	ND	
MW-50	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/25/2016	ND	
MW-51	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/25/2016	ND	
MW-52	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/25/2016	ND	
MW-53	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/25/2016	ND	
MW-54	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/25/2016	ND	
GU-3A	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/26/2016	ND	
MW-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	1/17/2017	ND	
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	1/17/2017	ND	
MW-22R	d	1,1,2-Trichloroethane	79-00-5	ug/L	1/17/2017	ND	
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	1/17/2017	ND	
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	1/17/2017	ND	
MW-39	d	1,1,2-Trichloroethane	79-00-5	ug/L	1/17/2017	ND	
MW-50	d	1,1,2-Trichloroethane	79-00-5	ug/L	1/17/2017	ND	
MW-51	d	1,1,2-Trichloroethane	79-00-5	ug/L	1/17/2017	ND	
MW-53	d	1,1,2-Trichloroethane	79-00-5	ug/L	1/17/2017	ND	
MW-54	d	1,1,2-Trichloroethane	79-00-5	ug/L	1/17/2017	ND	
MW-56	d	1,1,2-Trichloroethane	79-00-5	ug/L	1/17/2017	ND	
GU-3A	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/10/2017	ND	
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/10/2017	ND	
MW-20	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/10/2017	ND	
MW-21	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/10/2017	ND	
MW-29	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/10/2017	ND	
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/10/2017	ND	
MW-31R	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/10/2017	ND	
MW-32R	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/10/2017	ND	
MW-32R	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/10/2017	ND	
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/10/2017	ND	
MW-57	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/10/2017	ND	
MW-58	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/10/2017	ND	
MW-52	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/17/2017	ND	
MW-55	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/17/2017	ND	
GU-3A	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/3/2018	ND	
GU-3A	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/3/2018	ND	
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/3/2018	ND	
MW-20	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/3/2018	ND	
MW-21	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/3/2018	ND	
MW-29	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/3/2018	ND	
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/3/2018	ND	
MW-31R	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/3/2018	ND	
MW-32R	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/3/2018	ND	
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/3/2018	ND	
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/3/2018	ND	
MW-57	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/3/2018	ND	
MW-58	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/3/2018	ND	
MW-39	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/1/2018	ND	
MW-50	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/1/2018	ND	
MW-51	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/1/2018	ND	
MW-52	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/1/2018	ND	
MW-53	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/1/2018	ND	
MW-54	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/1/2018	ND	
MW-55	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/1/2018	ND	
MW-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/2/2018	NDF2	
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/2/2018	ND	
MW-22R	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/2/2018	ND	
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/2/2018	ND	
MW-56	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/2/2018	NDH	
MW-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/16/2019	ND	
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/16/2019	ND	
MW-23	u	1,1,2-Trichloroethane	79-00-5	ug/L	5/16/2019	ND	
MW-24R	u	1,1,2-Trichloroethane	79-00-5	ug/L	5/16/2019	ND	
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/16/2019	ND	
MW-55	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/16/2019	ND	
MW-50	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/20/2019	ND	
MW-51	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/20/2019	ND	
MW-52	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/20/2019	ND	
MW-54	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/20/2019	ND	
MW-56	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/20/2019	ND	
MW-53	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/21/2019	ND	
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/11/2019	ND	
MW-29	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/11/2019	ND	
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/11/2019	ND	
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/11/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/11/2019	ND	
GU-3A	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/16/2020	ND	
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/16/2020	ND	
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/17/2020	ND	
MW-29	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/17/2020	ND	
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/17/2020	ND	
MW-58	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/17/2020	ND	
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/20/2020	ND	
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/20/2020	ND	
MW-51	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/20/2020	ND	
MW-55	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/20/2020	ND	
MW-56	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/20/2020	ND	
MW-57R	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/20/2020	ND	
MW-73	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/20/2020	ND	
MW-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/21/2020	ND	
MW-50	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/21/2020	ND	
MW-52	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/21/2020	ND	
MW-53	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/21/2020	ND	
MW-54	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/21/2020	ND	
MW-23	u	1,1,2-Trichloroethane	79-00-5	ug/L	7/22/2020	ND	
MW-24R	u	1,1,2-Trichloroethane	79-00-5	ug/L	7/22/2020	ND	
MW-55	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/12/2020	ND	
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/24/2021		<1.00
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/24/2021		<1.00
MW-29	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/25/2021		<1.00
MW-58	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/25/2021		<1.00
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/25/2021		<1.00
MW-68	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/25/2021		<1.00
MW-69	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/25/2021		<1.00
MW-70	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/26/2021		<1.00
MW-57R	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/26/2021		<1.00
PZ-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/27/2021		<1.00
MW-73	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/27/2021		<1.00
GU-3A	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/8/2021		<1.00
MW-24R	u	1,1,2-Trichloroethane	79-00-5	ug/L	12/7/2021		<1.00
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/7/2021		<1.00
MW-57R	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/7/2021		<1.00
MW-73	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/7/2021		<1.00
MW-56	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/7/2021		<1.00
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/7/2021		<1.00
MW-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/7/2021		<1.00
MW-55	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/7/2021		<1.00
MW-50	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/7/2021		<1.00
MW-23	u	1,1,2-Trichloroethane	79-00-5	ug/L	12/8/2021		<1.00
MW-39	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/8/2021		<1.00
MW-51	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/8/2021		<1.00
MW-52	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/8/2021		<1.00
MW-53	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/8/2021		<1.00
MW-54	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/8/2021		<1.00
MW-51	d	1,1-Dichloroethane	75-34-3	ug/L	1/15/2010	ND	
MW-24R	u	1,1-Dichloroethane	75-34-3	ug/L	2/11/2010	ND	
MW-53	d	1,1-Dichloroethane	75-34-3	ug/L	2/11/2010		1.09
GU-3A	d	1,1-Dichloroethane	75-34-3	ug/L	3/24/2010	ND	
MW-20	d	1,1-Dichloroethane	75-34-3	ug/L	3/24/2010	ND	
MW-21	d	1,1-Dichloroethane	75-34-3	ug/L	3/24/2010	ND	
MW-22R	d	1,1-Dichloroethane	75-34-3	ug/L	3/24/2010	ND	
MW-52	d	1,1-Dichloroethane	75-34-3	ug/L	3/24/2010	ND	
MW-54	d	1,1-Dichloroethane	75-34-3	ug/L	3/24/2010	ND	
MW-55	d	1,1-Dichloroethane	75-34-3	ug/L	3/24/2010	ND	
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	4/9/2010	ND	
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	4/9/2010	ND	
MW-50	d	1,1-Dichloroethane	75-34-3	ug/L	4/9/2010	ND	
MW-56	d	1,1-Dichloroethane	75-34-3	ug/L	4/9/2010	ND	
MW-57	d	1,1-Dichloroethane	75-34-3	ug/L	4/9/2010	ND	
MW-58	d	1,1-Dichloroethane	75-34-3	ug/L	4/9/2010	ND	
MW-32R	d	1,1-Dichloroethane	75-34-3	ug/L	5/18/2010	ND	
MW-53	d	1,1-Dichloroethane	75-34-3	ug/L	5/18/2010		1.52
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	6/17/2010	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	6/17/2010	ND	
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	6/17/2010		5.19
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	6/17/2010		6.32
MW-31R	d	1,1-Dichloroethane	75-34-3	ug/L	6/17/2010	ND	
MW-51	d	1,1-Dichloroethane	75-34-3	ug/L	6/17/2010		1.12
MW-21	d	1,1-Dichloroethane	75-34-3	ug/L	7/21/2010		1.04
MW-54	d	1,1-Dichloroethane	75-34-3	ug/L	7/21/2010	ND	
MW-20	d	1,1-Dichloroethane	75-34-3	ug/L	8/17/2010	ND	
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	8/17/2010		5.42
MW-39	d	1,1-Dichloroethane	75-34-3	ug/L	8/17/2010	ND	
MW-51	d	1,1-Dichloroethane	75-34-3	ug/L	8/17/2010		1.2
GU-3A	d	1,1-Dichloroethane	75-34-3	ug/L	9/17/2010	ND	
MW-22R	d	1,1-Dichloroethane	75-34-3	ug/L	9/17/2010	ND	
MW-55	d	1,1-Dichloroethane	75-34-3	ug/L	9/17/2010	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	10/22/2010	ND	
MW-24R	u	1,1-Dichloroethane	75-34-3	ug/L	10/22/2010	ND	
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	10/22/2010		5.55
MW-31R	d	1,1-Dichloroethane	75-34-3	ug/L	10/22/2010	ND	
MW-50	d	1,1-Dichloroethane	75-34-3	ug/L	10/22/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-53	d	1,1-Dichloroethane	75-34-3	ug/L	10/22/2010		1.08
MW-56	d	1,1-Dichloroethane	75-34-3	ug/L	10/22/2010	ND	
MW-58	d	1,1-Dichloroethane	75-34-3	ug/L	10/22/2010	ND	
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	11/8/2010	ND	
MW-32R	d	1,1-Dichloroethane	75-34-3	ug/L	11/8/2010	ND	
MW-57	d	1,1-Dichloroethane	75-34-3	ug/L	11/8/2010	ND	
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	12/15/2010	ND	
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	12/15/2010	ND	
MW-52	d	1,1-Dichloroethane	75-34-3	ug/L	12/15/2010	ND	
MW-54	d	1,1-Dichloroethane	75-34-3	ug/L	1/12/2011	ND	
MW-54	d	1,1-Dichloroethane	75-34-3	ug/L	1/12/2011	ND	
MW-20	d	1,1-Dichloroethane	75-34-3	ug/L	2/22/2011	ND	
MW-22R	d	1,1-Dichloroethane	75-34-3	ug/L	2/22/2011	ND	
MW-51	d	1,1-Dichloroethane	75-34-3	ug/L	2/22/2011	ND	
MW-52	d	1,1-Dichloroethane	75-34-3	ug/L	2/22/2011	ND	
MW-53	d	1,1-Dichloroethane	75-34-3	ug/L	2/22/2011	ND	
MW-55	d	1,1-Dichloroethane	75-34-3	ug/L	2/22/2011	ND	
GU-3A	d	1,1-Dichloroethane	75-34-3	ug/L	3/2/2011	ND	
MW-21	d	1,1-Dichloroethane	75-34-3	ug/L	3/2/2011	ND	
MW-21	d	1,1-Dichloroethane	75-34-3	ug/L	3/2/2011	ND	
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	4/21/2011		6.31
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	4/21/2011		6.25
MW-31R	d	1,1-Dichloroethane	75-34-3	ug/L	4/21/2011	ND	
MW-31R	d	1,1-Dichloroethane	75-34-3	ug/L	4/21/2011	ND	
MW-32R	d	1,1-Dichloroethane	75-34-3	ug/L	4/21/2011	ND	
MW-54	d	1,1-Dichloroethane	75-34-3	ug/L	5/31/2011	ND	
MW-56	d	1,1-Dichloroethane	75-34-3	ug/L	5/31/2011	ND	
MW-57	d	1,1-Dichloroethane	75-34-3	ug/L	5/31/2011	ND	
MW-58	d	1,1-Dichloroethane	75-34-3	ug/L	5/31/2011	ND	
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	6/7/2011	ND	
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	6/7/2011	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	6/7/2011	ND	
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	6/7/2011	ND	
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	6/7/2011	ND	
MW-39	d	1,1-Dichloroethane	75-34-3	ug/L	6/7/2011	ND	
MW-50	d	1,1-Dichloroethane	75-34-3	ug/L	6/7/2011	ND	
MW-52	d	1,1-Dichloroethane	75-34-3	ug/L	7/22/2011	ND	
MW-56	d	1,1-Dichloroethane	75-34-3	ug/L	7/22/2011	ND	
MW-58	d	1,1-Dichloroethane	75-34-3	ug/L	7/22/2011	ND	
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	8/29/2011	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	8/29/2011	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	8/29/2011	ND	
MW-32R	d	1,1-Dichloroethane	75-34-3	ug/L	8/29/2011	ND	
GU-3A	d	1,1-Dichloroethane	75-34-3	ug/L	9/9/2011	ND	
MW-22R	d	1,1-Dichloroethane	75-34-3	ug/L	9/9/2011	ND	
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	9/9/2011	ND	
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	9/9/2011		4.49
MW-51	d	1,1-Dichloroethane	75-34-3	ug/L	9/9/2011		1.1
MW-53	d	1,1-Dichloroethane	75-34-3	ug/L	9/9/2011	ND	
MW-53	d	1,1-Dichloroethane	75-34-3	ug/L	9/9/2011	ND	
MW-21	d	1,1-Dichloroethane	75-34-3	ug/L	10/4/2011		1.13
MW-50	d	1,1-Dichloroethane	75-34-3	ug/L	10/4/2011	ND	
MW-50	d	1,1-Dichloroethane	75-34-3	ug/L	10/4/2011	ND	
MW-54	d	1,1-Dichloroethane	75-34-3	ug/L	10/4/2011	ND	
MW-57	d	1,1-Dichloroethane	75-34-3	ug/L	10/4/2011	ND	
MW-20	d	1,1-Dichloroethane	75-34-3	ug/L	11/29/2011	ND	
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	11/29/2011		5.74
MW-52	d	1,1-Dichloroethane	75-34-3	ug/L	11/29/2011	ND	
MW-55	d	1,1-Dichloroethane	75-34-3	ug/L	11/29/2011	ND	
MW-31R	d	1,1-Dichloroethane	75-34-3	ug/L	12/16/2011	ND	
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	12/16/2011	ND	
MW-39	d	1,1-Dichloroethane	75-34-3	ug/L	12/16/2011	ND	
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	3/8/2012	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	3/8/2012	ND	
MW-20	d	1,1-Dichloroethane	75-34-3	ug/L	3/8/2012	ND	
MW-21	d	1,1-Dichloroethane	75-34-3	ug/L	3/8/2012		1.21
MW-22R	d	1,1-Dichloroethane	75-34-3	ug/L	3/8/2012	ND	
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	3/8/2012	ND	
MW-39	d	1,1-Dichloroethane	75-34-3	ug/L	3/8/2012	ND	
MW-55	d	1,1-Dichloroethane	75-34-3	ug/L	3/8/2012	ND	
MW-56	d	1,1-Dichloroethane	75-34-3	ug/L	3/8/2012	ND	
MW-57	d	1,1-Dichloroethane	75-34-3	ug/L	3/8/2012	ND	
MW-58	d	1,1-Dichloroethane	75-34-3	ug/L	3/8/2012	ND	
GU-3A	d	1,1-Dichloroethane	75-34-3	ug/L	6/13/2012	ND	
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	6/13/2012		5.16
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	6/13/2012		7.26
MW-31R	d	1,1-Dichloroethane	75-34-3	ug/L	6/13/2012	ND	
MW-32R	d	1,1-Dichloroethane	75-34-3	ug/L	6/13/2012	ND	
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	6/13/2012	ND	
MW-50	d	1,1-Dichloroethane	75-34-3	ug/L	6/13/2012	ND	
MW-50	d	1,1-Dichloroethane	75-34-3	ug/L	6/13/2012	ND	
MW-51	d	1,1-Dichloroethane	75-34-3	ug/L	6/13/2012		1.3
MW-52	d	1,1-Dichloroethane	75-34-3	ug/L	6/13/2012	ND	
MW-53	d	1,1-Dichloroethane	75-34-3	ug/L	6/13/2012	ND	
MW-54	d	1,1-Dichloroethane	75-34-3	ug/L	6/13/2012	ND	
GU-3A	d	1,1-Dichloroethane	75-34-3	ug/L	9/4/2012	ND	
MW-20	d	1,1-Dichloroethane	75-34-3	ug/L	9/4/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-21	d	1,1-Dichloroethane	75-34-3	ug/L	9/4/2012		1.58
MW-22R	d	1,1-Dichloroethane	75-34-3	ug/L	9/4/2012	ND	
MW-50	d	1,1-Dichloroethane	75-34-3	ug/L	9/4/2012	ND	
MW-51	d	1,1-Dichloroethane	75-34-3	ug/L	9/4/2012		1.18
MW-52	d	1,1-Dichloroethane	75-34-3	ug/L	9/4/2012	ND	
MW-53	d	1,1-Dichloroethane	75-34-3	ug/L	9/4/2012	ND	
MW-54	d	1,1-Dichloroethane	75-34-3	ug/L	9/4/2012	ND	
MW-54	d	1,1-Dichloroethane	75-34-3	ug/L	9/4/2012	ND	
MW-57	d	1,1-Dichloroethane	75-34-3	ug/L	9/4/2012	ND	
MW-58	d	1,1-Dichloroethane	75-34-3	ug/L	9/4/2012	ND	
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	12/19/2012	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	12/19/2012	ND	
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	12/19/2012	ND	
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	12/19/2012		4.48
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	12/19/2012		6.2
MW-31R	d	1,1-Dichloroethane	75-34-3	ug/L	12/19/2012	ND	
MW-32R	d	1,1-Dichloroethane	75-34-3	ug/L	12/19/2012	ND	
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	12/19/2012	ND	
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	12/19/2012	ND	
MW-39	d	1,1-Dichloroethane	75-34-3	ug/L	12/19/2012	ND	
MW-55	d	1,1-Dichloroethane	75-34-3	ug/L	12/19/2012	ND	
MW-56	d	1,1-Dichloroethane	75-34-3	ug/L	12/19/2012	ND	
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	3/11/2013	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	3/11/2013	ND	
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	3/11/2013	ND	
MW-39	d	1,1-Dichloroethane	75-34-3	ug/L	3/11/2013	ND	
MW-50	d	1,1-Dichloroethane	75-34-3	ug/L	3/11/2013	ND	
MW-50	d	1,1-Dichloroethane	75-34-3	ug/L	3/11/2013	ND	
MW-51	d	1,1-Dichloroethane	75-34-3	ug/L	3/11/2013	ND	
MW-52	d	1,1-Dichloroethane	75-34-3	ug/L	3/11/2013	ND	
MW-53	d	1,1-Dichloroethane	75-34-3	ug/L	3/11/2013	ND	
MW-54	d	1,1-Dichloroethane	75-34-3	ug/L	3/11/2013	ND	
MW-55	d	1,1-Dichloroethane	75-34-3	ug/L	3/11/2013	ND	
MW-56	d	1,1-Dichloroethane	75-34-3	ug/L	3/11/2013	ND	
MW-20	d	1,1-Dichloroethane	75-34-3	ug/L	6/10/2013	ND	
MW-20	d	1,1-Dichloroethane	75-34-3	ug/L	6/10/2013	ND	
MW-21	d	1,1-Dichloroethane	75-34-3	ug/L	6/10/2013		1.17
MW-22R	d	1,1-Dichloroethane	75-34-3	ug/L	6/10/2013	ND	
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	6/10/2013		3.74
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	6/10/2013		5.6
MW-31R	d	1,1-Dichloroethane	75-34-3	ug/L	6/10/2013	ND	
MW-32R	d	1,1-Dichloroethane	75-34-3	ug/L	6/10/2013	ND	
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	6/10/2013	ND	
MW-57	d	1,1-Dichloroethane	75-34-3	ug/L	6/10/2013	ND	
MW-58	d	1,1-Dichloroethane	75-34-3	ug/L	6/10/2013	ND	
GU-3A	d	1,1-Dichloroethane	75-34-3	ug/L	9/10/2013	ND	
MW-31R	d	1,1-Dichloroethane	75-34-3	ug/L	9/10/2013	ND	
MW-31R	d	1,1-Dichloroethane	75-34-3	ug/L	9/10/2013	ND	
MW-32R	d	1,1-Dichloroethane	75-34-3	ug/L	9/10/2013	ND	
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	9/10/2013	ND	
MW-50	d	1,1-Dichloroethane	75-34-3	ug/L	9/10/2013	ND	
MW-51	d	1,1-Dichloroethane	75-34-3	ug/L	9/10/2013		1.12
MW-52	d	1,1-Dichloroethane	75-34-3	ug/L	9/10/2013	ND	
MW-53	d	1,1-Dichloroethane	75-34-3	ug/L	9/10/2013	J	0.695
MW-54	d	1,1-Dichloroethane	75-34-3	ug/L	9/10/2013	ND	
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	12/18/2013	J	0.791
MW-18	d	1,1-Dichloroethane	75-34-3	ug/L	12/18/2013	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	12/18/2013	ND	
MW-20	d	1,1-Dichloroethane	75-34-3	ug/L	12/18/2013	ND	
MW-21	d	1,1-Dichloroethane	75-34-3	ug/L	12/18/2013		1.23
MW-22R	d	1,1-Dichloroethane	75-34-3	ug/L	12/18/2013	ND	
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	12/18/2013	ND	
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	12/18/2013		6.58
MW-39	d	1,1-Dichloroethane	75-34-3	ug/L	12/18/2013	ND	
MW-39	d	1,1-Dichloroethane	75-34-3	ug/L	12/18/2013	ND	
MW-55	d	1,1-Dichloroethane	75-34-3	ug/L	12/18/2013	ND	
MW-18	d	1,1-Dichloroethane	75-34-3	ug/L	3/20/2014	ND	
MW-20	d	1,1-Dichloroethane	75-34-3	ug/L	3/20/2014	ND	
MW-21	d	1,1-Dichloroethane	75-34-3	ug/L	3/20/2014		1.7
MW-21	d	1,1-Dichloroethane	75-34-3	ug/L	3/20/2014		1.69
MW-22R	d	1,1-Dichloroethane	75-34-3	ug/L	3/20/2014	ND	
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	3/20/2014		5.84
MW-31R	d	1,1-Dichloroethane	75-34-3	ug/L	3/20/2014	ND	
MW-32R	d	1,1-Dichloroethane	75-34-3	ug/L	3/20/2014	ND	
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	3/20/2014	ND	
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	6/24/2014		1.27
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	6/24/2014		1.36
MW-18	d	1,1-Dichloroethane	75-34-3	ug/L	6/24/2014	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	6/24/2014	ND	
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	6/24/2014	ND	
MW-39	d	1,1-Dichloroethane	75-34-3	ug/L	6/24/2014	ND	
MW-50	d	1,1-Dichloroethane	75-34-3	ug/L	6/24/2014	ND	
MW-51	d	1,1-Dichloroethane	75-34-3	ug/L	6/24/2014	J	0.951
MW-52	d	1,1-Dichloroethane	75-34-3	ug/L	6/24/2014	ND	
MW-53	d	1,1-Dichloroethane	75-34-3	ug/L	6/24/2014	J	0.735
MW-54	d	1,1-Dichloroethane	75-34-3	ug/L	6/24/2014	ND	
MW-55	d	1,1-Dichloroethane	75-34-3	ug/L	6/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	1,1-Dichloroethane	75-34-3	ug/L	6/24/2014	ND	
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	7/24/2014		4.22
MW-56	d	1,1-Dichloroethane	75-34-3	ug/L	7/24/2014	ND	
MW-57	d	1,1-Dichloroethane	75-34-3	ug/L	7/24/2014	ND	
GU-3A	d	1,1-Dichloroethane	75-34-3	ug/L	9/24/2014	ND	
MW-18	d	1,1-Dichloroethane	75-34-3	ug/L	9/24/2014	ND	
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	9/24/2014		3.52
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	9/24/2014		5.17
MW-31R	d	1,1-Dichloroethane	75-34-3	ug/L	9/24/2014	ND	
MW-31R	d	1,1-Dichloroethane	75-34-3	ug/L	9/24/2014	ND	
MW-32R	d	1,1-Dichloroethane	75-34-3	ug/L	9/24/2014	ND	
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	9/24/2014	ND	
MW-50	d	1,1-Dichloroethane	75-34-3	ug/L	9/24/2014	ND	
MW-51	d	1,1-Dichloroethane	75-34-3	ug/L	9/24/2014	ND	
MW-52	d	1,1-Dichloroethane	75-34-3	ug/L	9/24/2014	ND	
MW-53	d	1,1-Dichloroethane	75-34-3	ug/L	9/24/2014	ND	
MW-54	d	1,1-Dichloroethane	75-34-3	ug/L	9/24/2014	ND	
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	12/4/2014		1.16
MW-18	d	1,1-Dichloroethane	75-34-3	ug/L	12/4/2014	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	12/4/2014	ND	
MW-20	d	1,1-Dichloroethane	75-34-3	ug/L	12/4/2014	ND	
MW-21	d	1,1-Dichloroethane	75-34-3	ug/L	12/4/2014		1.08
MW-22R	d	1,1-Dichloroethane	75-34-3	ug/L	12/4/2014	ND	
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	12/4/2014	ND	
MW-39	d	1,1-Dichloroethane	75-34-3	ug/L	12/4/2014	ND	
MW-56	d	1,1-Dichloroethane	75-34-3	ug/L	12/4/2014	ND	
MW-57	d	1,1-Dichloroethane	75-34-3	ug/L	12/4/2014	ND	
MW-57	d	1,1-Dichloroethane	75-34-3	ug/L	12/4/2014	ND	
MW-58	d	1,1-Dichloroethane	75-34-3	ug/L	12/4/2014	ND	
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	3/11/2015	J	0.519
MW-18	d	1,1-Dichloroethane	75-34-3	ug/L	3/11/2015	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	3/11/2015	ND	
MW-20	d	1,1-Dichloroethane	75-34-3	ug/L	3/11/2015	ND	
MW-21	d	1,1-Dichloroethane	75-34-3	ug/L	3/11/2015	J	0.591
MW-22R	d	1,1-Dichloroethane	75-34-3	ug/L	3/11/2015	ND	
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	3/11/2015	ND	
MW-39	d	1,1-Dichloroethane	75-34-3	ug/L	3/11/2015	ND	
MW-55	d	1,1-Dichloroethane	75-34-3	ug/L	3/11/2015	ND	
MW-56	d	1,1-Dichloroethane	75-34-3	ug/L	3/11/2015	ND	
MW-57	d	1,1-Dichloroethane	75-34-3	ug/L	3/11/2015	ND	
MW-58	d	1,1-Dichloroethane	75-34-3	ug/L	3/11/2015	ND	
MW-58	d	1,1-Dichloroethane	75-34-3	ug/L	3/11/2015	ND	
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	6/29/2015		4.06
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	6/29/2015		3.89
MW-31R	d	1,1-Dichloroethane	75-34-3	ug/L	6/29/2015	ND	
MW-31R	d	1,1-Dichloroethane	75-34-3	ug/L	6/29/2015	ND	
MW-32R	d	1,1-Dichloroethane	75-34-3	ug/L	6/29/2015	ND	
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	6/29/2015	ND	
MW-50	d	1,1-Dichloroethane	75-34-3	ug/L	6/29/2015	ND	
MW-51	d	1,1-Dichloroethane	75-34-3	ug/L	6/29/2015		1.12
MW-52	d	1,1-Dichloroethane	75-34-3	ug/L	6/29/2015	ND	
MW-53	d	1,1-Dichloroethane	75-34-3	ug/L	6/29/2015	J	0.463
MW-54	d	1,1-Dichloroethane	75-34-3	ug/L	6/29/2015	ND	
GU-3A	d	1,1-Dichloroethane	75-34-3	ug/L	9/22/2015	ND	
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	2/15/2016	J	0.771
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	2/15/2016	J	0.537
MW-18	d	1,1-Dichloroethane	75-34-3	ug/L	2/15/2016	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	2/15/2016	ND	
MW-39	d	1,1-Dichloroethane	75-34-3	ug/L	2/15/2016	ND	
MW-20	d	1,1-Dichloroethane	75-34-3	ug/L	2/16/2016	ND	
MW-21	d	1,1-Dichloroethane	75-34-3	ug/L	2/16/2016		1.03
MW-55	d	1,1-Dichloroethane	75-34-3	ug/L	2/16/2016	ND	
MW-56	d	1,1-Dichloroethane	75-34-3	ug/L	2/16/2016	ND	
MW-57	d	1,1-Dichloroethane	75-34-3	ug/L	2/16/2016	ND	
MW-58	d	1,1-Dichloroethane	75-34-3	ug/L	2/16/2016	ND	
MW-22R	d	1,1-Dichloroethane	75-34-3	ug/L	2/17/2016	ND	
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	8/25/2016	ND	
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	8/25/2016		3.36
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	8/25/2016		4.66
MW-31R	d	1,1-Dichloroethane	75-34-3	ug/L	8/25/2016	ND	
MW-32R	d	1,1-Dichloroethane	75-34-3	ug/L	8/25/2016	ND	
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	8/25/2016	ND	
MW-50	d	1,1-Dichloroethane	75-34-3	ug/L	8/25/2016	ND	
MW-51	d	1,1-Dichloroethane	75-34-3	ug/L	8/25/2016	J	0.912
MW-52	d	1,1-Dichloroethane	75-34-3	ug/L	8/25/2016	ND	
MW-53	d	1,1-Dichloroethane	75-34-3	ug/L	8/25/2016	J	0.389
MW-54	d	1,1-Dichloroethane	75-34-3	ug/L	8/25/2016	ND	
GU-3A	d	1,1-Dichloroethane	75-34-3	ug/L	8/26/2016	ND	
MW-18	d	1,1-Dichloroethane	75-34-3	ug/L	1/17/2017	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	1/17/2017	ND	
MW-22R	d	1,1-Dichloroethane	75-34-3	ug/L	1/17/2017	ND	
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	1/17/2017	ND	
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	1/17/2017	ND	
MW-39	d	1,1-Dichloroethane	75-34-3	ug/L	1/17/2017	ND	
MW-50	d	1,1-Dichloroethane	75-34-3	ug/L	1/17/2017	ND	
MW-51	d	1,1-Dichloroethane	75-34-3	ug/L	1/17/2017	J	0.727
MW-53	d	1,1-Dichloroethane	75-34-3	ug/L	1/17/2017	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-54	d	1,1-Dichloroethane	75-34-3	ug/L	1/17/2017	ND	
MW-56	d	1,1-Dichloroethane	75-34-3	ug/L	1/17/2017	ND	
GU-3A	d	1,1-Dichloroethane	75-34-3	ug/L	7/10/2017	ND	
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	7/10/2017	J	0.426
MW-20	d	1,1-Dichloroethane	75-34-3	ug/L	7/10/2017	ND	
MW-21	d	1,1-Dichloroethane	75-34-3	ug/L	7/10/2017	J	0.832
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	7/10/2017		3.75
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	7/10/2017		4.13
MW-31R	d	1,1-Dichloroethane	75-34-3	ug/L	7/10/2017	ND	
MW-32R	d	1,1-Dichloroethane	75-34-3	ug/L	7/10/2017	ND	
MW-32R	d	1,1-Dichloroethane	75-34-3	ug/L	7/10/2017	ND	
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	7/10/2017	ND	
MW-57	d	1,1-Dichloroethane	75-34-3	ug/L	7/10/2017	ND	
MW-58	d	1,1-Dichloroethane	75-34-3	ug/L	7/10/2017	ND	
MW-52	d	1,1-Dichloroethane	75-34-3	ug/L	10/17/2017	ND	
MW-55	d	1,1-Dichloroethane	75-34-3	ug/L	10/17/2017	ND	
GU-3A	d	1,1-Dichloroethane	75-34-3	ug/L	4/3/2018	ND	
GU-3A	d	1,1-Dichloroethane	75-34-3	ug/L	4/3/2018	ND	
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	4/3/2018		1.09
MW-20	d	1,1-Dichloroethane	75-34-3	ug/L	4/3/2018	ND	
MW-21	d	1,1-Dichloroethane	75-34-3	ug/L	4/3/2018		1.13
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	4/3/2018		4.09
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	4/3/2018		4.46
MW-31R	d	1,1-Dichloroethane	75-34-3	ug/L	4/3/2018	ND	
MW-32R	d	1,1-Dichloroethane	75-34-3	ug/L	4/3/2018	ND	
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	4/3/2018	ND	
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	4/3/2018	ND	
MW-57	d	1,1-Dichloroethane	75-34-3	ug/L	4/3/2018	ND	
MW-58	d	1,1-Dichloroethane	75-34-3	ug/L	4/3/2018	ND	
MW-39	d	1,1-Dichloroethane	75-34-3	ug/L	11/1/2018	ND	
MW-50	d	1,1-Dichloroethane	75-34-3	ug/L	11/1/2018	ND	
MW-51	d	1,1-Dichloroethane	75-34-3	ug/L	11/1/2018	J	0.874
MW-52	d	1,1-Dichloroethane	75-34-3	ug/L	11/1/2018	ND	
MW-53	d	1,1-Dichloroethane	75-34-3	ug/L	11/1/2018	J	0.381
MW-54	d	1,1-Dichloroethane	75-34-3	ug/L	11/1/2018	ND	
MW-55	d	1,1-Dichloroethane	75-34-3	ug/L	11/1/2018	ND	
MW-18	d	1,1-Dichloroethane	75-34-3	ug/L	11/2/2018	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	11/2/2018	ND	
MW-22R	d	1,1-Dichloroethane	75-34-3	ug/L	11/2/2018	ND	
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	11/2/2018	ND	
MW-56	d	1,1-Dichloroethane	75-34-3	ug/L	11/2/2018	NDH	
MW-18	d	1,1-Dichloroethane	75-34-3	ug/L	5/16/2019	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	5/16/2019	ND	
MW-23	u	1,1-Dichloroethane	75-34-3	ug/L	5/16/2019	ND	
MW-24R	u	1,1-Dichloroethane	75-34-3	ug/L	5/16/2019	ND	
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	5/16/2019	ND	
MW-55	d	1,1-Dichloroethane	75-34-3	ug/L	5/16/2019	ND	
MW-50	d	1,1-Dichloroethane	75-34-3	ug/L	5/20/2019	ND	
MW-51	d	1,1-Dichloroethane	75-34-3	ug/L	5/20/2019	J	0.675
MW-52	d	1,1-Dichloroethane	75-34-3	ug/L	5/20/2019	ND	
MW-54	d	1,1-Dichloroethane	75-34-3	ug/L	5/20/2019	ND	
MW-56	d	1,1-Dichloroethane	75-34-3	ug/L	5/20/2019	ND	
MW-53	d	1,1-Dichloroethane	75-34-3	ug/L	5/21/2019	J	0.352
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	9/11/2019		1.37
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	9/11/2019		4.09
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	9/11/2019		4.14
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	9/11/2019	ND	
MW-58	d	1,1-Dichloroethane	75-34-3	ug/L	9/11/2019	J	0.492
GU-3A	d	1,1-Dichloroethane	75-34-3	ug/L	3/16/2020	ND	
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	3/16/2020	ND	
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	3/17/2020		2.86
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	3/17/2020		3.16
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	3/17/2020		4.06
MW-58	d	1,1-Dichloroethane	75-34-3	ug/L	3/17/2020	J	0.618
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	7/20/2020	ND	
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	7/20/2020	ND	
MW-51	d	1,1-Dichloroethane	75-34-3	ug/L	7/20/2020	J	0.647
MW-55	d	1,1-Dichloroethane	75-34-3	ug/L	7/20/2020	ND	
MW-56	d	1,1-Dichloroethane	75-34-3	ug/L	7/20/2020	ND	
MW-57R	d	1,1-Dichloroethane	75-34-3	ug/L	7/20/2020	ND	
MW-73	d	1,1-Dichloroethane	75-34-3	ug/L	7/20/2020	ND	
MW-18	d	1,1-Dichloroethane	75-34-3	ug/L	7/21/2020	ND	
MW-50	d	1,1-Dichloroethane	75-34-3	ug/L	7/21/2020	ND	
MW-52	d	1,1-Dichloroethane	75-34-3	ug/L	7/21/2020	ND	
MW-53	d	1,1-Dichloroethane	75-34-3	ug/L	7/21/2020	J	0.331
MW-54	d	1,1-Dichloroethane	75-34-3	ug/L	7/21/2020	ND	
MW-23	u	1,1-Dichloroethane	75-34-3	ug/L	7/22/2020	ND	
MW-24R	u	1,1-Dichloroethane	75-34-3	ug/L	7/22/2020	ND	
MW-55	d	1,1-Dichloroethane	75-34-3	ug/L	11/12/2020	ND	
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	8/24/2021		<1.00
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	8/24/2021		1.81
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	8/25/2021		2.95
MW-58	d	1,1-Dichloroethane	75-34-3	ug/L	8/25/2021		<1.00
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	8/25/2021		5.31
MW-68	d	1,1-Dichloroethane	75-34-3	ug/L	8/25/2021	J	0.913
MW-69	d	1,1-Dichloroethane	75-34-3	ug/L	8/25/2021		1.82
MW-70	d	1,1-Dichloroethane	75-34-3	ug/L	8/26/2021		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57R	d	1,1-Dichloroethane	75-34-3	ug/L	8/26/2021		<1.00
PZ-13	d	1,1-Dichloroethane	75-34-3	ug/L	8/27/2021		<1.00
MW-73	d	1,1-Dichloroethane	75-34-3	ug/L	8/27/2021		<1.00
GU-3A	d	1,1-Dichloroethane	75-34-3	ug/L	9/8/2021		<1.00
MW-24R	u	1,1-Dichloroethane	75-34-3	ug/L	12/7/2021		<1.00
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	12/7/2021		<1.00
MW-57R	d	1,1-Dichloroethane	75-34-3	ug/L	12/7/2021		<1.00
MW-73	d	1,1-Dichloroethane	75-34-3	ug/L	12/7/2021		<1.00
MW-56	d	1,1-Dichloroethane	75-34-3	ug/L	12/7/2021		<1.00
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	12/7/2021		<1.00
MW-18	d	1,1-Dichloroethane	75-34-3	ug/L	12/7/2021		<1.00
MW-55	d	1,1-Dichloroethane	75-34-3	ug/L	12/7/2021		<1.00
MW-50	d	1,1-Dichloroethane	75-34-3	ug/L	12/7/2021		<1.00
MW-23	u	1,1-Dichloroethane	75-34-3	ug/L	12/8/2021		<1.00
MW-39	d	1,1-Dichloroethane	75-34-3	ug/L	12/8/2021		<1.00
MW-51	d	1,1-Dichloroethane	75-34-3	ug/L	12/8/2021	J	0.52
MW-52	d	1,1-Dichloroethane	75-34-3	ug/L	12/8/2021		<1.00
MW-53	d	1,1-Dichloroethane	75-34-3	ug/L	12/8/2021	J	0.233
MW-54	d	1,1-Dichloroethane	75-34-3	ug/L	12/8/2021		<1.00
MW-51	d	1,1-Dichloroethene	75-35-4	ug/L	1/15/2010	ND	
MW-24R	u	1,1-Dichloroethene	75-35-4	ug/L	2/11/2010	ND	
MW-53	d	1,1-Dichloroethene	75-35-4	ug/L	2/11/2010	ND	
GU-3A	d	1,1-Dichloroethene	75-35-4	ug/L	3/24/2010	ND	
MW-20	d	1,1-Dichloroethene	75-35-4	ug/L	3/24/2010	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	3/24/2010	ND	
MW-22R	d	1,1-Dichloroethene	75-35-4	ug/L	3/24/2010	ND	
MW-52	d	1,1-Dichloroethene	75-35-4	ug/L	3/24/2010	ND	
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	3/24/2010	ND	
MW-55	d	1,1-Dichloroethene	75-35-4	ug/L	3/24/2010	ND	
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	4/9/2010	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	4/9/2010	ND	
MW-50	d	1,1-Dichloroethene	75-35-4	ug/L	4/9/2010	ND	
MW-56	d	1,1-Dichloroethene	75-35-4	ug/L	4/9/2010	ND	
MW-57	d	1,1-Dichloroethene	75-35-4	ug/L	4/9/2010	ND	
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	4/9/2010	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	5/18/2010	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	6/17/2010	ND	
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	6/17/2010	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	6/17/2010	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	6/17/2010	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	6/17/2010	ND	
MW-51	d	1,1-Dichloroethene	75-35-4	ug/L	6/17/2010	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	7/21/2010	ND	
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	7/21/2010	ND	
MW-20	d	1,1-Dichloroethene	75-35-4	ug/L	8/17/2010	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	8/17/2010	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	8/17/2010	ND	
MW-51	d	1,1-Dichloroethene	75-35-4	ug/L	8/17/2010	ND	
GU-3A	d	1,1-Dichloroethene	75-35-4	ug/L	9/17/2010	ND	
MW-22R	d	1,1-Dichloroethene	75-35-4	ug/L	9/17/2010	ND	
MW-55	d	1,1-Dichloroethene	75-35-4	ug/L	9/17/2010	ND	
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	10/22/2010	ND	
MW-24R	u	1,1-Dichloroethene	75-35-4	ug/L	10/22/2010	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	10/22/2010	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	10/22/2010	ND	
MW-50	d	1,1-Dichloroethene	75-35-4	ug/L	10/22/2010	ND	
MW-53	d	1,1-Dichloroethene	75-35-4	ug/L	10/22/2010	ND	
MW-56	d	1,1-Dichloroethene	75-35-4	ug/L	10/22/2010	ND	
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	10/22/2010	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	11/8/2010	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	11/8/2010	ND	
MW-57	d	1,1-Dichloroethene	75-35-4	ug/L	11/8/2010	ND	
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	12/15/2010	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	12/15/2010	ND	
MW-52	d	1,1-Dichloroethene	75-35-4	ug/L	12/15/2010	ND	
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	1/12/2011	ND	
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	1/12/2011	ND	
MW-20	d	1,1-Dichloroethene	75-35-4	ug/L	2/22/2011	ND	
MW-22R	d	1,1-Dichloroethene	75-35-4	ug/L	2/22/2011	ND	
MW-51	d	1,1-Dichloroethene	75-35-4	ug/L	2/22/2011	ND	
MW-52	d	1,1-Dichloroethene	75-35-4	ug/L	2/22/2011	ND	
MW-53	d	1,1-Dichloroethene	75-35-4	ug/L	2/22/2011	ND	
MW-55	d	1,1-Dichloroethene	75-35-4	ug/L	2/22/2011	ND	
GU-3A	d	1,1-Dichloroethene	75-35-4	ug/L	3/2/2011	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	3/2/2011	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	3/2/2011	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	4/21/2011	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	4/21/2011	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	4/21/2011	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	4/21/2011	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	4/21/2011	ND	
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	5/31/2011	ND	
MW-56	d	1,1-Dichloroethene	75-35-4	ug/L	5/31/2011	ND	
MW-57	d	1,1-Dichloroethene	75-35-4	ug/L	5/31/2011	ND	
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	5/31/2011	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	6/7/2011	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	6/7/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	6/7/2011	ND	
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	6/7/2011	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	6/7/2011	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	6/7/2011	ND	
MW-50	d	1,1-Dichloroethene	75-35-4	ug/L	6/7/2011	ND	
MW-52	d	1,1-Dichloroethene	75-35-4	ug/L	7/22/2011	ND	
MW-56	d	1,1-Dichloroethene	75-35-4	ug/L	7/22/2011	ND	
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	7/22/2011	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	8/29/2011	ND	
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	8/29/2011	ND	
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	8/29/2011	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	8/29/2011	ND	
GU-3A	d	1,1-Dichloroethene	75-35-4	ug/L	9/9/2011	ND	
MW-22R	d	1,1-Dichloroethene	75-35-4	ug/L	9/9/2011	ND	
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	9/9/2011	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	9/9/2011	ND	
MW-51	d	1,1-Dichloroethene	75-35-4	ug/L	9/9/2011	ND	
MW-53	d	1,1-Dichloroethene	75-35-4	ug/L	9/9/2011	ND	
MW-53	d	1,1-Dichloroethene	75-35-4	ug/L	9/9/2011	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	10/4/2011	ND	
MW-50	d	1,1-Dichloroethene	75-35-4	ug/L	10/4/2011	ND	
MW-50	d	1,1-Dichloroethene	75-35-4	ug/L	10/4/2011	ND	
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	10/4/2011	ND	
MW-57	d	1,1-Dichloroethene	75-35-4	ug/L	10/4/2011	ND	
MW-20	d	1,1-Dichloroethene	75-35-4	ug/L	11/29/2011	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	11/29/2011	ND	
MW-52	d	1,1-Dichloroethene	75-35-4	ug/L	11/29/2011	ND	
MW-55	d	1,1-Dichloroethene	75-35-4	ug/L	11/29/2011	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	12/16/2011	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	12/16/2011	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	12/16/2011	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	3/8/2012	ND	
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	3/8/2012	ND	
MW-20	d	1,1-Dichloroethene	75-35-4	ug/L	3/8/2012	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	3/8/2012	ND	
MW-22R	d	1,1-Dichloroethene	75-35-4	ug/L	3/8/2012	ND	
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	3/8/2012	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	3/8/2012	ND	
MW-55	d	1,1-Dichloroethene	75-35-4	ug/L	3/8/2012	ND	
MW-56	d	1,1-Dichloroethene	75-35-4	ug/L	3/8/2012	ND	
MW-57	d	1,1-Dichloroethene	75-35-4	ug/L	3/8/2012	ND	
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	3/8/2012	ND	
GU-3A	d	1,1-Dichloroethene	75-35-4	ug/L	6/13/2012	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	6/13/2012	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	6/13/2012	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	6/13/2012	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	6/13/2012	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	6/13/2012	ND	
MW-50	d	1,1-Dichloroethene	75-35-4	ug/L	6/13/2012	ND	
MW-50	d	1,1-Dichloroethene	75-35-4	ug/L	6/13/2012	ND	
MW-51	d	1,1-Dichloroethene	75-35-4	ug/L	6/13/2012	ND	
MW-52	d	1,1-Dichloroethene	75-35-4	ug/L	6/13/2012	ND	
MW-53	d	1,1-Dichloroethene	75-35-4	ug/L	6/13/2012	ND	
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	6/13/2012	ND	
GU-3A	d	1,1-Dichloroethene	75-35-4	ug/L	9/4/2012	ND	
MW-20	d	1,1-Dichloroethene	75-35-4	ug/L	9/4/2012	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	9/4/2012	ND	
MW-22R	d	1,1-Dichloroethene	75-35-4	ug/L	9/4/2012	ND	
MW-50	d	1,1-Dichloroethene	75-35-4	ug/L	9/4/2012	ND	
MW-51	d	1,1-Dichloroethene	75-35-4	ug/L	9/4/2012	ND	
MW-52	d	1,1-Dichloroethene	75-35-4	ug/L	9/4/2012	ND	
MW-53	d	1,1-Dichloroethene	75-35-4	ug/L	9/4/2012	ND	
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	9/4/2012	ND	
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	9/4/2012	ND	
MW-57	d	1,1-Dichloroethene	75-35-4	ug/L	9/4/2012	ND	
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	9/4/2012	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	12/19/2012	ND	
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	12/19/2012	ND	
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	12/19/2012	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	12/19/2012	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	12/19/2012	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	12/19/2012	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	12/19/2012	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	12/19/2012	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	12/19/2012	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	12/19/2012	ND	
MW-55	d	1,1-Dichloroethene	75-35-4	ug/L	12/19/2012	ND	
MW-56	d	1,1-Dichloroethene	75-35-4	ug/L	12/19/2012	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	3/11/2013	ND	
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	3/11/2013	ND	
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	3/11/2013	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	3/11/2013	ND	
MW-50	d	1,1-Dichloroethene	75-35-4	ug/L	3/11/2013	ND	
MW-50	d	1,1-Dichloroethene	75-35-4	ug/L	3/11/2013	ND	
MW-51	d	1,1-Dichloroethene	75-35-4	ug/L	3/11/2013	ND	
MW-52	d	1,1-Dichloroethene	75-35-4	ug/L	3/11/2013	ND	
MW-53	d	1,1-Dichloroethene	75-35-4	ug/L	3/11/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	3/11/2013	ND	
MW-55	d	1,1-Dichloroethene	75-35-4	ug/L	3/11/2013	ND	
MW-56	d	1,1-Dichloroethene	75-35-4	ug/L	3/11/2013	ND	
MW-20	d	1,1-Dichloroethene	75-35-4	ug/L	6/10/2013	ND	
MW-20	d	1,1-Dichloroethene	75-35-4	ug/L	6/10/2013	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	6/10/2013	ND	
MW-22R	d	1,1-Dichloroethene	75-35-4	ug/L	6/10/2013	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	6/10/2013	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	6/10/2013	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	6/10/2013	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	6/10/2013	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	6/10/2013	ND	
MW-57	d	1,1-Dichloroethene	75-35-4	ug/L	6/10/2013	ND	
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	6/10/2013	ND	
GU-3A	d	1,1-Dichloroethene	75-35-4	ug/L	9/10/2013	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	9/10/2013	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	9/10/2013	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	9/10/2013	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	9/10/2013	ND	
MW-50	d	1,1-Dichloroethene	75-35-4	ug/L	9/10/2013	ND	
MW-51	d	1,1-Dichloroethene	75-35-4	ug/L	9/10/2013	ND	
MW-52	d	1,1-Dichloroethene	75-35-4	ug/L	9/10/2013	ND	
MW-53	d	1,1-Dichloroethene	75-35-4	ug/L	9/10/2013	ND	
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	9/10/2013	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	12/18/2013	ND	
MW-18	d	1,1-Dichloroethene	75-35-4	ug/L	12/18/2013	ND	
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	12/18/2013	ND	
MW-20	d	1,1-Dichloroethene	75-35-4	ug/L	12/18/2013	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	12/18/2013	ND	
MW-22R	d	1,1-Dichloroethene	75-35-4	ug/L	12/18/2013	ND	
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	12/18/2013	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	12/18/2013	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	12/18/2013	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	12/18/2013	ND	
MW-55	d	1,1-Dichloroethene	75-35-4	ug/L	12/18/2013	ND	
MW-18	d	1,1-Dichloroethene	75-35-4	ug/L	3/20/2014	ND	
MW-20	d	1,1-Dichloroethene	75-35-4	ug/L	3/20/2014	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	3/20/2014	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	3/20/2014	ND	
MW-22R	d	1,1-Dichloroethene	75-35-4	ug/L	3/20/2014	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	3/20/2014	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	3/20/2014	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	3/20/2014	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	3/20/2014	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	6/24/2014	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	6/24/2014	ND	
MW-18	d	1,1-Dichloroethene	75-35-4	ug/L	6/24/2014	ND	
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	6/24/2014	ND	
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	6/24/2014	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	6/24/2014	ND	
MW-50	d	1,1-Dichloroethene	75-35-4	ug/L	6/24/2014	ND	
MW-51	d	1,1-Dichloroethene	75-35-4	ug/L	6/24/2014	ND	
MW-52	d	1,1-Dichloroethene	75-35-4	ug/L	6/24/2014	ND	
MW-53	d	1,1-Dichloroethene	75-35-4	ug/L	6/24/2014	ND	
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	6/24/2014	ND	
MW-55	d	1,1-Dichloroethene	75-35-4	ug/L	6/24/2014	ND	
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	6/24/2014	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	7/24/2014	ND	
MW-56	d	1,1-Dichloroethene	75-35-4	ug/L	7/24/2014	ND	
MW-57	d	1,1-Dichloroethene	75-35-4	ug/L	7/24/2014	ND	
GU-3A	d	1,1-Dichloroethene	75-35-4	ug/L	9/24/2014	ND	
MW-18	d	1,1-Dichloroethene	75-35-4	ug/L	9/24/2014	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	9/24/2014	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	9/24/2014	J	0.222
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	9/24/2014	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	9/24/2014	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	9/24/2014	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	9/24/2014	ND	
MW-50	d	1,1-Dichloroethene	75-35-4	ug/L	9/24/2014	ND	
MW-51	d	1,1-Dichloroethene	75-35-4	ug/L	9/24/2014	ND	
MW-52	d	1,1-Dichloroethene	75-35-4	ug/L	9/24/2014	ND	
MW-53	d	1,1-Dichloroethene	75-35-4	ug/L	9/24/2014	ND	
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	9/24/2014	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	12/4/2014	ND	
MW-18	d	1,1-Dichloroethene	75-35-4	ug/L	12/4/2014	ND	
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	12/4/2014	ND	
MW-20	d	1,1-Dichloroethene	75-35-4	ug/L	12/4/2014	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	12/4/2014	ND	
MW-22R	d	1,1-Dichloroethene	75-35-4	ug/L	12/4/2014	ND	
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	12/4/2014	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	12/4/2014	ND	
MW-56	d	1,1-Dichloroethene	75-35-4	ug/L	12/4/2014	ND	
MW-57	d	1,1-Dichloroethene	75-35-4	ug/L	12/4/2014	ND	
MW-57	d	1,1-Dichloroethene	75-35-4	ug/L	12/4/2014	ND	
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	12/4/2014	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	3/11/2015	ND	
MW-18	d	1,1-Dichloroethene	75-35-4	ug/L	3/11/2015	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	3/11/2015	ND	
MW-20	d	1,1-Dichloroethene	75-35-4	ug/L	3/11/2015	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	3/11/2015	ND	
MW-22R	d	1,1-Dichloroethene	75-35-4	ug/L	3/11/2015	ND	
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	3/11/2015	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	3/11/2015	ND	
MW-55	d	1,1-Dichloroethene	75-35-4	ug/L	3/11/2015	ND	
MW-56	d	1,1-Dichloroethene	75-35-4	ug/L	3/11/2015	ND	
MW-57	d	1,1-Dichloroethene	75-35-4	ug/L	3/11/2015	ND	
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	3/11/2015	ND	
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	3/11/2015	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	6/29/2015	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	6/29/2015	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	6/29/2015	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	6/29/2015	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	6/29/2015	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	6/29/2015	ND	
MW-50	d	1,1-Dichloroethene	75-35-4	ug/L	6/29/2015	ND	
MW-51	d	1,1-Dichloroethene	75-35-4	ug/L	6/29/2015	ND	
MW-52	d	1,1-Dichloroethene	75-35-4	ug/L	6/29/2015	ND	
MW-53	d	1,1-Dichloroethene	75-35-4	ug/L	6/29/2015	ND	
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	6/29/2015	ND	
MW-68	d	1,1-Dichloroethene	75-35-4	ug/L	6/30/2015	ND	
MW-69	d	1,1-Dichloroethene	75-35-4	ug/L	6/30/2015	ND	
PZ-13	d	1,1-Dichloroethene	75-35-4	ug/L	7/1/2015	ND	
GU-3A	d	1,1-Dichloroethene	75-35-4	ug/L	9/22/2015	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	9/22/2015	ND	
MW-20	d	1,1-Dichloroethene	75-35-4	ug/L	9/22/2015	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	9/22/2015	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	9/22/2015	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	9/22/2015	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	9/22/2015	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	9/22/2015	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	9/22/2015	ND	
MW-52	d	1,1-Dichloroethene	75-35-4	ug/L	9/22/2015	ND	
MW-53	d	1,1-Dichloroethene	75-35-4	ug/L	9/22/2015	ND	
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	9/22/2015	ND	
MW-57	d	1,1-Dichloroethene	75-35-4	ug/L	9/22/2015	ND	
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	9/22/2015	ND	
MW-68	d	1,1-Dichloroethene	75-35-4	ug/L	9/24/2015	ND	
MW-69	d	1,1-Dichloroethene	75-35-4	ug/L	9/24/2015	ND	
PZ-13	d	1,1-Dichloroethene	75-35-4	ug/L	9/25/2015	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	2/15/2016	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	2/15/2016	ND	
MW-18	d	1,1-Dichloroethene	75-35-4	ug/L	2/15/2016	ND	
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	2/15/2016	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	2/15/2016	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	2/15/2016	J	0.267
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	2/15/2016	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	2/15/2016	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	2/15/2016	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	2/15/2016	ND	
MW-20	d	1,1-Dichloroethene	75-35-4	ug/L	2/16/2016	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	2/16/2016	ND	
MW-34	d	1,1-Dichloroethene	75-35-4	ug/L	2/16/2016	ND	
MW-55	d	1,1-Dichloroethene	75-35-4	ug/L	2/16/2016	ND	
MW-56	d	1,1-Dichloroethene	75-35-4	ug/L	2/16/2016	ND	
MW-57	d	1,1-Dichloroethene	75-35-4	ug/L	2/16/2016	ND	
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	2/16/2016	ND	
MW-68	d	1,1-Dichloroethene	75-35-4	ug/L	2/16/2016	ND	
MW-69	d	1,1-Dichloroethene	75-35-4	ug/L	2/16/2016	ND	
PZ-13	d	1,1-Dichloroethene	75-35-4	ug/L	2/16/2016	ND	
MW-22R	d	1,1-Dichloroethene	75-35-4	ug/L	2/17/2016	ND	
MW-53	d	1,1-Dichloroethene	75-35-4	ug/L	2/17/2016	ND	
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	2/17/2016	ND	
MW-63	d	1,1-Dichloroethene	75-35-4	ug/L	2/17/2016	ND	
MW-64	d	1,1-Dichloroethene	75-35-4	ug/L	2/17/2016	ND	
PZ-11	d	1,1-Dichloroethene	75-35-4	ug/L	2/17/2016	ND	
MW-52	d	1,1-Dichloroethene	75-35-4	ug/L	5/4/2016	ND	
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	8/25/2016	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	8/25/2016	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	8/25/2016	J	0.197
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	8/25/2016	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	8/25/2016	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	8/25/2016	ND	
MW-50	d	1,1-Dichloroethene	75-35-4	ug/L	8/25/2016	ND	
MW-51	d	1,1-Dichloroethene	75-35-4	ug/L	8/25/2016	ND	
MW-52	d	1,1-Dichloroethene	75-35-4	ug/L	8/25/2016	ND	
MW-53	d	1,1-Dichloroethene	75-35-4	ug/L	8/25/2016	ND	
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	8/25/2016	ND	
MW-68	d	1,1-Dichloroethene	75-35-4	ug/L	8/25/2016	ND	
GU-3A	d	1,1-Dichloroethene	75-35-4	ug/L	8/26/2016	ND	
MW-69	d	1,1-Dichloroethene	75-35-4	ug/L	8/26/2016	ND	
MW-70	d	1,1-Dichloroethene	75-35-4	ug/L	8/26/2016	ND	
PZ-13	d	1,1-Dichloroethene	75-35-4	ug/L	8/26/2016	ND	
MW-18	d	1,1-Dichloroethene	75-35-4	ug/L	1/17/2017	ND	
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	1/17/2017	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-22R	d	1,1-Dichloroethene	75-35-4	ug/L	1/17/2017	ND	
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	1/17/2017	ND	
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	1/17/2017	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	1/17/2017	ND	
MW-50	d	1,1-Dichloroethene	75-35-4	ug/L	1/17/2017	ND	
MW-51	d	1,1-Dichloroethene	75-35-4	ug/L	1/17/2017	ND	
MW-53	d	1,1-Dichloroethene	75-35-4	ug/L	1/17/2017	ND	
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	1/17/2017	ND	
MW-56	d	1,1-Dichloroethene	75-35-4	ug/L	1/17/2017	ND	
GU-3A	d	1,1-Dichloroethene	75-35-4	ug/L	7/10/2017	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	7/10/2017	ND	
MW-20	d	1,1-Dichloroethene	75-35-4	ug/L	7/10/2017	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	7/10/2017	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	7/10/2017	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	7/10/2017	J	0.225
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	7/10/2017	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	7/10/2017	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	7/10/2017	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	7/10/2017	ND	
MW-57	d	1,1-Dichloroethene	75-35-4	ug/L	7/10/2017	ND	
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	7/10/2017	ND	
MW-68	d	1,1-Dichloroethene	75-35-4	ug/L	7/10/2017	ND	
MW-69	d	1,1-Dichloroethene	75-35-4	ug/L	7/10/2017	ND	
MW-70	d	1,1-Dichloroethene	75-35-4	ug/L	7/10/2017	ND	
PZ-13	d	1,1-Dichloroethene	75-35-4	ug/L	7/10/2017	ND	
MW-52	d	1,1-Dichloroethene	75-35-4	ug/L	10/17/2017	ND	
MW-55	d	1,1-Dichloroethene	75-35-4	ug/L	10/17/2017	ND	
GU-3A	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	ND	
GU-3A	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	ND	
MW-20	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	ND	
MW-21	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	ND	
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	ND	
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	ND	
MW-57	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	ND	
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	ND	
MW-68	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	ND	
MW-69	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	ND	
MW-70	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	ND	
PZ-13	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	ND	
SW-104	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	ND	
SW-105	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	ND	
SW-107	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	ND	
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	11/1/2018	ND	
MW-50	d	1,1-Dichloroethene	75-35-4	ug/L	11/1/2018	ND	
MW-51	d	1,1-Dichloroethene	75-35-4	ug/L	11/1/2018	ND	
MW-52	d	1,1-Dichloroethene	75-35-4	ug/L	11/1/2018	ND	
MW-53	d	1,1-Dichloroethene	75-35-4	ug/L	11/1/2018	ND	
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	11/1/2018	ND	
MW-55	d	1,1-Dichloroethene	75-35-4	ug/L	11/1/2018	ND	
MW-18	d	1,1-Dichloroethene	75-35-4	ug/L	11/2/2018	NDF2	
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	11/2/2018	ND	
MW-22R	d	1,1-Dichloroethene	75-35-4	ug/L	11/2/2018	ND	
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	11/2/2018	ND	
MW-56	d	1,1-Dichloroethene	75-35-4	ug/L	11/2/2018	NDH	
MW-18	d	1,1-Dichloroethene	75-35-4	ug/L	5/16/2019	ND	
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	5/16/2019	ND	
MW-23	u	1,1-Dichloroethene	75-35-4	ug/L	5/16/2019	ND	
MW-24R	u	1,1-Dichloroethene	75-35-4	ug/L	5/16/2019	ND	
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	5/16/2019	ND	
MW-55	d	1,1-Dichloroethene	75-35-4	ug/L	5/16/2019	ND	
MW-50	d	1,1-Dichloroethene	75-35-4	ug/L	5/20/2019	ND	
MW-51	d	1,1-Dichloroethene	75-35-4	ug/L	5/20/2019	ND	
MW-52	d	1,1-Dichloroethene	75-35-4	ug/L	5/20/2019	ND	
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	5/20/2019	ND	
MW-56	d	1,1-Dichloroethene	75-35-4	ug/L	5/20/2019	ND	
MW-53	d	1,1-Dichloroethene	75-35-4	ug/L	5/21/2019	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	9/11/2019	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	9/11/2019	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	9/11/2019	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	9/11/2019	ND	
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	9/11/2019	ND	
MW-68	d	1,1-Dichloroethene	75-35-4	ug/L	9/13/2019	ND*	
MW-69	d	1,1-Dichloroethene	75-35-4	ug/L	9/13/2019	ND*	
MW-70	d	1,1-Dichloroethene	75-35-4	ug/L	9/13/2019	ND*	
PZ-13	d	1,1-Dichloroethene	75-35-4	ug/L	9/13/2019	ND*	
GU-3A	d	1,1-Dichloroethene	75-35-4	ug/L	3/16/2020	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	3/16/2020	ND	
MW-68	d	1,1-Dichloroethene	75-35-4	ug/L	3/16/2020	ND	
MW-69	d	1,1-Dichloroethene	75-35-4	ug/L	3/16/2020	ND	
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	3/17/2020	ND	
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	3/17/2020	ND	
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	3/17/2020	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	3/17/2020	ND	
MW-70	d	1,1-Dichloroethene	75-35-4	ug/L	3/17/2020	ND	
PZ-13	d	1,1-Dichloroethene	75-35-4	ug/L	3/17/2020	ND	
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	7/20/2020	ND	
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	7/20/2020	ND	
MW-51	d	1,1-Dichloroethene	75-35-4	ug/L	7/20/2020	ND	
MW-55	d	1,1-Dichloroethene	75-35-4	ug/L	7/20/2020	ND	
MW-56	d	1,1-Dichloroethene	75-35-4	ug/L	7/20/2020	ND	
MW-57R	d	1,1-Dichloroethene	75-35-4	ug/L	7/20/2020	ND	
MW-73	d	1,1-Dichloroethene	75-35-4	ug/L	7/20/2020	ND	
MW-18	d	1,1-Dichloroethene	75-35-4	ug/L	7/21/2020	ND	
MW-50	d	1,1-Dichloroethene	75-35-4	ug/L	7/21/2020	ND	
MW-52	d	1,1-Dichloroethene	75-35-4	ug/L	7/21/2020	ND	
MW-53	d	1,1-Dichloroethene	75-35-4	ug/L	7/21/2020	ND	
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	7/21/2020	ND	
MW-23	u	1,1-Dichloroethene	75-35-4	ug/L	7/22/2020	ND	
MW-24R	u	1,1-Dichloroethene	75-35-4	ug/L	7/22/2020	ND	
MW-55	d	1,1-Dichloroethene	75-35-4	ug/L	11/12/2020	ND	
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	8/24/2021		<2.00
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	8/24/2021		<2.00
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	8/25/2021		<2.00
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	8/25/2021		<2.00
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	8/25/2021		<2.00
MW-68	d	1,1-Dichloroethene	75-35-4	ug/L	8/25/2021		<2.00
MW-69	d	1,1-Dichloroethene	75-35-4	ug/L	8/25/2021		<2.00
MW-70	d	1,1-Dichloroethene	75-35-4	ug/L	8/26/2021		<2.00
MW-57R	d	1,1-Dichloroethene	75-35-4	ug/L	8/26/2021		<2.00
PZ-13	d	1,1-Dichloroethene	75-35-4	ug/L	8/27/2021		<2.00
MW-73	d	1,1-Dichloroethene	75-35-4	ug/L	8/27/2021		<2.00
GU-3A	d	1,1-Dichloroethene	75-35-4	ug/L	9/8/2021		<2.00
MW-24R	u	1,1-Dichloroethene	75-35-4	ug/L	12/7/2021		<2.00
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	12/7/2021		<2.00
MW-57R	d	1,1-Dichloroethene	75-35-4	ug/L	12/7/2021		<2.00
MW-73	d	1,1-Dichloroethene	75-35-4	ug/L	12/7/2021		<2.00
MW-56	d	1,1-Dichloroethene	75-35-4	ug/L	12/7/2021		<2.00
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	12/7/2021		<2.00
MW-18	d	1,1-Dichloroethene	75-35-4	ug/L	12/7/2021		<2.00
MW-55	d	1,1-Dichloroethene	75-35-4	ug/L	12/7/2021		<2.00
MW-50	d	1,1-Dichloroethene	75-35-4	ug/L	12/7/2021		<2.00
MW-23	u	1,1-Dichloroethene	75-35-4	ug/L	12/8/2021		<2.00
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	12/8/2021		<2.00
MW-51	d	1,1-Dichloroethene	75-35-4	ug/L	12/8/2021		<2.00
MW-52	d	1,1-Dichloroethene	75-35-4	ug/L	12/8/2021		<2.00
MW-53	d	1,1-Dichloroethene	75-35-4	ug/L	12/8/2021		<2.00
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	12/8/2021		<2.00
MW-39	d	1,1-Dichloropropene	563-58-6	ug/L	3/11/2013	ND	
MW-31R	d	1,1-Dichloropropene	563-58-6	ug/L	9/10/2013	ND	
MW-32R	d	1,1-Dichloropropene	563-58-6	ug/L	9/10/2013	ND	
MW-18	d	1,1-Dichloropropene	563-58-6	ug/L	12/18/2013	ND	
MW-20	d	1,1-Dichloropropene	563-58-6	ug/L	12/18/2013	ND	
MW-21	d	1,1-Dichloropropene	563-58-6	ug/L	12/18/2013	ND	
MW-22R	d	1,1-Dichloropropene	563-58-6	ug/L	12/18/2013	ND	
MW-30R	d	1,1-Dichloropropene	563-58-6	ug/L	12/18/2013	ND	
MW-18	d	1,1-Dichloropropene	563-58-6	ug/L	6/24/2014	ND	
MW-29	d	1,1-Dichloropropene	563-58-6	ug/L	7/24/2014	ND	
MW-57	d	1,1-Dichloropropene	563-58-6	ug/L	7/24/2014	ND	
MW-58	d	1,1-Dichloropropene	563-58-6	ug/L	7/24/2014	ND	
MW-33R	d	1,1-Dichloropropene	563-58-6	ug/L	9/24/2014	ND	
MW-50	d	1,1-Dichloropropene	563-58-6	ug/L	9/24/2014	ND	
MW-51	d	1,1-Dichloropropene	563-58-6	ug/L	9/24/2014	ND	
MW-52	d	1,1-Dichloropropene	563-58-6	ug/L	9/24/2014	ND	
MW-53	d	1,1-Dichloropropene	563-58-6	ug/L	9/24/2014	ND	
MW-54	d	1,1-Dichloropropene	563-58-6	ug/L	9/24/2014	ND	
MW-14R	d	1,1-Dichloropropene	563-58-6	ug/L	12/4/2014	ND	
MW-19	d	1,1-Dichloropropene	563-58-6	ug/L	12/4/2014	ND	
MW-28	d	1,1-Dichloropropene	563-58-6	ug/L	12/4/2014	ND	
MW-56	d	1,1-Dichloropropene	563-58-6	ug/L	12/4/2014	ND	
MW-55	d	1,1-Dichloropropene	563-58-6	ug/L	3/11/2015	ND	
MW-20	d	1,1-Dichloropropene	563-58-6	ug/L	4/3/2018	ND	
MW-21	d	1,1-Dichloropropene	563-58-6	ug/L	4/3/2018	ND	
MW-30R	d	1,1-Dichloropropene	563-58-6	ug/L	4/3/2018	ND	
MW-31R	d	1,1-Dichloropropene	563-58-6	ug/L	4/3/2018	ND	
MW-32R	d	1,1-Dichloropropene	563-58-6	ug/L	4/3/2018	ND	
MW-39	d	1,1-Dichloropropene	563-58-6	ug/L	11/1/2018	ND	
MW-22R	d	1,1-Dichloropropene	563-58-6	ug/L	11/2/2018	ND	
MW-18	d	1,1-Dichloropropene	563-58-6	ug/L	5/16/2019	ND	
MW-19	d	1,1-Dichloropropene	563-58-6	ug/L	5/16/2019	ND	
MW-28	d	1,1-Dichloropropene	563-58-6	ug/L	5/16/2019	ND	
MW-50	d	1,1-Dichloropropene	563-58-6	ug/L	5/20/2019	ND	
MW-51	d	1,1-Dichloropropene	563-58-6	ug/L	5/20/2019	ND	
MW-52	d	1,1-Dichloropropene	563-58-6	ug/L	5/20/2019	ND	
MW-54	d	1,1-Dichloropropene	563-58-6	ug/L	5/20/2019	ND	
MW-56	d	1,1-Dichloropropene	563-58-6	ug/L	5/20/2019	ND	
MW-53	d	1,1-Dichloropropene	563-58-6	ug/L	5/21/2019	ND	
MW-14R	d	1,1-Dichloropropene	563-58-6	ug/L	9/11/2019	ND	
MW-29	d	1,1-Dichloropropene	563-58-6	ug/L	9/11/2019	ND	
MW-30R	d	1,1-Dichloropropene	563-58-6	ug/L	9/11/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	1,1-Dichloropropene	563-58-6	ug/L	9/11/2019	ND	
MW-58	d	1,1-Dichloropropene	563-58-6	ug/L	9/11/2019	ND	
MW-55	d	1,1-Dichloropropene	563-58-6	ug/L	11/12/2020	ND	
MW-51	d	1,2,3-Trichloropropane	96-18-4	ug/L	1/15/2010	ND	
MW-24R	u	1,2,3-Trichloropropane	96-18-4	ug/L	2/11/2010	ND	
MW-53	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/11/2010	ND	
GU-3A	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/24/2010	ND	
MW-20	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/24/2010	ND	
MW-21	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/24/2010	ND	
MW-22R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/24/2010	ND	
MW-52	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/24/2010	ND	
MW-54	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/24/2010	ND	
MW-55	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/24/2010	ND	
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2010	ND	
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2010	ND	
MW-50	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2010	ND	
MW-56	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2010	ND	
MW-57	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2010	ND	
MW-58	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2010	ND	
MW-32R	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/18/2010	ND	
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/17/2010	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/17/2010	ND	
MW-29	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/17/2010	ND	
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/17/2010	ND	
MW-31R	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/17/2010	ND	
MW-51	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/17/2010	ND	
MW-21	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/21/2010	ND	
MW-54	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/21/2010	ND	
MW-20	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/17/2010	ND	
MW-29	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/17/2010	ND	
MW-39	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/17/2010	ND	
MW-51	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/17/2010	ND	
GU-3A	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/17/2010	ND	
MW-22R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/17/2010	ND	
MW-55	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/17/2010	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/22/2010	ND	
MW-24R	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/22/2010	ND	
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/22/2010	ND	
MW-31R	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/22/2010	ND	
MW-50	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/22/2010	ND	
MW-53	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/22/2010	ND	
MW-56	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/22/2010	ND	
MW-58	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/22/2010	ND	
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/8/2010	ND	
MW-32R	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/8/2010	ND	
MW-57	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/8/2010	ND	
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/15/2010	ND	
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/15/2010	ND	
MW-52	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/15/2010	ND	
MW-54	d	1,2,3-Trichloropropane	96-18-4	ug/L	1/12/2011	ND	
MW-54	d	1,2,3-Trichloropropane	96-18-4	ug/L	1/12/2011	ND	
MW-20	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/22/2011	ND	
MW-22R	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/22/2011	ND	
MW-51	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/22/2011	ND	
MW-52	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/22/2011	ND	
MW-53	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/22/2011	ND	
MW-55	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/22/2011	ND	
GU-3A	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/2/2011	ND	
MW-21	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/2/2011	ND	
MW-21	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/2/2011	ND	
MW-29	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/21/2011	ND	
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/21/2011	ND	
MW-31R	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/21/2011	ND	
MW-31R	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/21/2011	ND	
MW-32R	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/21/2011	ND	
MW-54	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/31/2011	ND	
MW-56	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/31/2011	ND	
MW-57	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/31/2011	ND	
MW-58	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/31/2011	ND	
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/7/2011	ND	
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/7/2011	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/7/2011	ND	
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/7/2011	ND	
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/7/2011	ND	
MW-39	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/7/2011	ND	
MW-50	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/7/2011	ND	
MW-52	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/22/2011	ND	
MW-56	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/22/2011	ND	
MW-58	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/22/2011	ND	
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/29/2011	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/29/2011	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/29/2011	ND	
MW-32R	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/29/2011	ND	
GU-3A	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/9/2011	ND	
MW-22R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/9/2011	ND	
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/9/2011	ND	
MW-29	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/9/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-51	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/9/2011	ND	
MW-53	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/9/2011	ND	
MW-53	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/9/2011	ND	
MW-21	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2011	ND	
MW-50	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2011	ND	
MW-50	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2011	ND	
MW-54	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2011	ND	
MW-57	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2011	ND	
MW-20	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/29/2011	ND	
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/29/2011	ND	
MW-52	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/29/2011	ND	
MW-55	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/29/2011	ND	
MW-31R	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/16/2011	ND	
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/16/2011	ND	
MW-39	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/16/2011	ND	
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/8/2012	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/8/2012	ND	
MW-20	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/8/2012	ND	
MW-21	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/8/2012	ND	
MW-22R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/8/2012	ND	
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/8/2012	ND	
MW-39	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/8/2012	ND	
MW-55	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/8/2012	ND	
MW-56	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/8/2012	ND	
MW-57	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/8/2012	ND	
MW-58	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/8/2012	ND	
GU-3A	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/13/2012	ND	
MW-29	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/13/2012	ND	
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/13/2012	ND	
MW-31R	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/13/2012	ND	
MW-32R	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/13/2012	ND	
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/13/2012	ND	
MW-50	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/13/2012	ND	
MW-50	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/13/2012	ND	
MW-51	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/13/2012	ND	
MW-52	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/13/2012	ND	
MW-53	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/13/2012	ND	
MW-54	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/13/2012	ND	
GU-3A	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/4/2012	ND	
MW-20	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/4/2012	ND	
MW-21	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/4/2012	ND	
MW-22R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/4/2012	ND	
MW-50	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/4/2012	ND	
MW-51	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/4/2012	ND	
MW-52	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/4/2012	ND	
MW-53	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/4/2012	ND	
MW-54	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/4/2012	ND	
MW-54	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/4/2012	ND	
MW-57	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/4/2012	ND	
MW-58	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/4/2012	ND	
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/19/2012	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/19/2012	ND	
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/19/2012	ND	
MW-29	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/19/2012	ND	
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/19/2012	ND	
MW-31R	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/19/2012	ND	
MW-32R	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/19/2012	ND	
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/19/2012	ND	
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/19/2012	ND	
MW-39	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/19/2012	ND	
MW-55	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/19/2012	ND	
MW-56	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/19/2012	ND	
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/11/2013	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/11/2013	ND	
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/11/2013	ND	
MW-39	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/11/2013	ND	
MW-50	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/11/2013	ND	
MW-50	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/11/2013	ND	
MW-51	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/11/2013	ND	
MW-52	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/11/2013	ND	
MW-53	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/11/2013	ND	
MW-54	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/11/2013	ND	
MW-55	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/11/2013	ND	
MW-56	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/11/2013	ND	
MW-20	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/10/2013	ND	
MW-20	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/10/2013	ND	
MW-21	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/10/2013	ND	
MW-22R	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/10/2013	ND	
MW-29	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/10/2013	ND	
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/10/2013	ND	
MW-31R	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/10/2013	ND	
MW-32R	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/10/2013	ND	
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/10/2013	ND	
MW-57	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/10/2013	ND	
MW-58	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/10/2013	ND	
GU-3A	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/10/2013	ND	
MW-31R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/10/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/10/2013	ND	
MW-32R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/10/2013	ND	
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/10/2013	ND	
MW-50	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/10/2013	ND	
MW-51	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/10/2013	ND	
MW-52	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/10/2013	ND	
MW-53	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/10/2013	ND	
MW-54	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/10/2013	ND	
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/18/2013	ND	
MW-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/18/2013	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/18/2013	ND	
MW-20	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/18/2013	ND	
MW-21	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/18/2013	ND	
MW-22R	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/18/2013	ND	
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/18/2013	ND	
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/18/2013	ND	
MW-39	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/18/2013	ND	
MW-39	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/18/2013	ND	
MW-55	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/18/2013	ND	
MW-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/20/2014	ND	
MW-20	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/20/2014	ND	
MW-21	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/20/2014	ND	
MW-21	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/20/2014	ND	
MW-22R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/20/2014	ND	
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/20/2014	ND	
MW-31R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/20/2014	ND	
MW-32R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/20/2014	ND	
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/20/2014	ND	
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/24/2014	ND	
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/24/2014	ND	
MW-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/24/2014	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/24/2014	ND	
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/24/2014	ND	
MW-39	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/24/2014	ND	
MW-50	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/24/2014	ND	
MW-51	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/24/2014	ND	
MW-52	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/24/2014	ND	
MW-53	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/24/2014	ND	
MW-54	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/24/2014	ND	
MW-55	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/24/2014	ND	
MW-58	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/24/2014	ND	
MW-29	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/24/2014	ND	
MW-56	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/24/2014	ND	
MW-57	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/24/2014	ND	
GU-3A	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/24/2014	ND	
MW-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/24/2014	ND	
MW-29	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/24/2014	ND	
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/24/2014	ND	
MW-31R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/24/2014	ND	
MW-31R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/24/2014	ND	
MW-32R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/24/2014	ND	
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/24/2014	ND	
MW-50	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/24/2014	ND	
MW-51	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/24/2014	ND	
MW-52	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/24/2014	ND	
MW-53	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/24/2014	ND	
MW-54	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/24/2014	ND	
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/4/2014	ND	
MW-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/4/2014	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/4/2014	ND	
MW-20	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/4/2014	ND	
MW-21	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/4/2014	ND	
MW-22R	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/4/2014	ND	
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/4/2014	ND	
MW-39	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/4/2014	ND	
MW-56	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/4/2014	ND	
MW-57	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/4/2014	ND	
MW-57	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/4/2014	ND	
MW-58	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/4/2014	ND	
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/11/2015	ND	
MW-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/11/2015	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/11/2015	ND	
MW-20	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/11/2015	ND	
MW-21	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/11/2015	ND	
MW-22R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/11/2015	ND	
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/11/2015	ND	
MW-39	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/11/2015	ND	
MW-55	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/11/2015	ND	
MW-56	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/11/2015	ND	
MW-57	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/11/2015	ND	
MW-58	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/11/2015	ND	
MW-58	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/11/2015	ND	
MW-29	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/29/2015	ND	
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/29/2015	ND	
MW-31R	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/29/2015	ND	
MW-31R	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/29/2015	ND	
MW-32R	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/29/2015	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/29/2015	ND	
MW-50	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/29/2015	ND	
MW-51	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/29/2015	ND	
MW-52	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/29/2015	ND	
MW-53	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/29/2015	ND	
MW-54	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/29/2015	ND	
GU-3A	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/22/2015	ND	
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/15/2016	ND	
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/15/2016	ND	
MW-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/15/2016	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/15/2016	ND	
MW-39	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/15/2016	ND	
MW-20	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/16/2016	ND	
MW-21	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/16/2016	ND	
MW-55	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/16/2016	ND	
MW-56	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/16/2016	ND	
MW-57	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/16/2016	ND	
MW-58	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/16/2016	ND	
MW-22R	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/17/2016	ND	
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/25/2016	ND	
MW-29	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/25/2016	ND	
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/25/2016	ND	
MW-31R	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/25/2016	ND	
MW-32R	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/25/2016	ND	
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/25/2016	ND	
MW-50	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/25/2016	ND	
MW-51	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/25/2016	ND	
MW-52	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/25/2016	ND	
MW-53	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/25/2016	ND	
MW-54	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/25/2016	ND	
GU-3A	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/26/2016	ND	
MW-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	1/17/2017	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	1/17/2017	ND	
MW-22R	d	1,2,3-Trichloropropane	96-18-4	ug/L	1/17/2017	ND	
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	1/17/2017	ND	
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	1/17/2017	ND	
MW-39	d	1,2,3-Trichloropropane	96-18-4	ug/L	1/17/2017	ND	
MW-50	d	1,2,3-Trichloropropane	96-18-4	ug/L	1/17/2017	ND	
MW-51	d	1,2,3-Trichloropropane	96-18-4	ug/L	1/17/2017	ND	
MW-53	d	1,2,3-Trichloropropane	96-18-4	ug/L	1/17/2017	ND	
MW-54	d	1,2,3-Trichloropropane	96-18-4	ug/L	1/17/2017	ND	
MW-56	d	1,2,3-Trichloropropane	96-18-4	ug/L	1/17/2017	ND	
GU-3A	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/10/2017	ND	
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/10/2017	ND	
MW-20	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/10/2017	ND	
MW-21	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/10/2017	ND	
MW-29	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/10/2017	ND	
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/10/2017	ND	
MW-31R	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/10/2017	ND	
MW-32R	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/10/2017	ND	
MW-32R	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/10/2017	ND	
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/10/2017	ND	
MW-57	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/10/2017	ND	
MW-58	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/10/2017	ND	
MW-52	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/17/2017	ND	
MW-55	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/17/2017	ND	
GU-3A	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/3/2018	ND	
GU-3A	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/3/2018	ND	
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/3/2018	ND	
MW-20	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/3/2018	ND	
MW-21	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/3/2018	ND	
MW-29	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/3/2018	ND	
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/3/2018	ND	
MW-31R	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/3/2018	ND	
MW-32R	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/3/2018	ND	
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/3/2018	ND	
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/3/2018	ND	
MW-57	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/3/2018	ND	
MW-58	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/3/2018	ND	
MW-39	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/1/2018	ND	
MW-50	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/1/2018	ND	
MW-51	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/1/2018	ND	
MW-52	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/1/2018	ND	
MW-53	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/1/2018	ND	
MW-54	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/1/2018	ND	
MW-55	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/1/2018	ND	
MW-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/2/2018	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/2/2018	ND	
MW-22R	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/2/2018	ND	
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/2/2018	ND	
MW-56	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/2/2018	NDH	
MW-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/16/2019	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/16/2019	ND	
MW-23	u	1,2,3-Trichloropropane	96-18-4	ug/L	5/16/2019	ND	
MW-24R	u	1,2,3-Trichloropropane	96-18-4	ug/L	5/16/2019	ND	
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/16/2019	ND	
MW-55	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/16/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/20/2019	ND	
MW-51	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/20/2019	ND	
MW-52	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/20/2019	ND	
MW-54	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/20/2019	ND	
MW-56	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/20/2019	ND	
MW-53	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/21/2019	ND	
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/11/2019	ND	
MW-29	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/11/2019	ND	
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/11/2019	ND	
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/11/2019	ND	
MW-58	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/11/2019	ND	
GU-3A	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/16/2020	ND	
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/16/2020	ND	
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/17/2020	ND	
MW-29	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/17/2020	ND	
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/17/2020	ND	
MW-58	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/17/2020	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/20/2020	ND	
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/20/2020	ND	
MW-51	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/20/2020	ND	
MW-55	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/20/2020	ND	
MW-56	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/20/2020	ND	
MW-57R	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/20/2020	ND	
MW-73	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/20/2020	ND	
MW-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/21/2020	ND	
MW-50	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/21/2020	ND	
MW-52	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/21/2020	ND	
MW-53	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/21/2020	ND	
MW-54	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/21/2020	ND	
MW-23	u	1,2,3-Trichloropropane	96-18-4	ug/L	7/22/2020	ND	
MW-24R	u	1,2,3-Trichloropropane	96-18-4	ug/L	7/22/2020	ND	
MW-55	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/12/2020	ND	
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/24/2021		<1.00
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/24/2021		<1.00
MW-29	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/25/2021		<1.00
MW-58	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/25/2021		<1.00
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/25/2021		<1.00
MW-68	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/25/2021		<1.00
MW-69	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/25/2021		<1.00
MW-70	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/26/2021		<1.00
MW-57R	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/26/2021		<1.00
PZ-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/27/2021		<1.00
MW-73	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/27/2021		<1.00
GU-3A	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/8/2021		<1.00
MW-24R	u	1,2,3-Trichloropropane	96-18-4	ug/L	12/7/2021		<1.00
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/7/2021		<1.00
MW-57R	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/7/2021		<1.00
MW-73	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/7/2021		<1.00
MW-56	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/7/2021		<1.00
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/7/2021		<1.00
MW-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/7/2021		<1.00
MW-55	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/7/2021		<1.00
MW-50	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/7/2021		<1.00
MW-23	u	1,2,3-Trichloropropane	96-18-4	ug/L	12/8/2021		<1.00
MW-39	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/8/2021		<1.00
MW-51	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/8/2021		<1.00
MW-52	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/8/2021		<1.00
MW-53	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/8/2021		<1.00
MW-54	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/8/2021		<1.00
MW-39	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	3/11/2013	ND	
MW-31R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/10/2013	ND	
MW-32R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/10/2013	ND	
MW-18	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	12/18/2013	ND	
MW-20	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	12/18/2013	ND	
MW-21	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	12/18/2013	ND	
MW-22R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	12/18/2013	ND	
MW-30R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	12/18/2013	ND	
MW-18	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	6/24/2014	ND	
MW-29	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	7/24/2014	ND	
MW-57	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	7/24/2014	ND	
MW-58	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	7/24/2014	ND	
MW-33R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/24/2014	ND	
MW-50	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/24/2014	ND	
MW-51	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/24/2014	ND	
MW-52	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/24/2014	ND	
MW-53	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/24/2014	ND	
MW-54	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/24/2014	ND	
MW-14R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	12/4/2014	ND	
MW-19	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	12/4/2014	ND	
MW-28	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	12/4/2014	ND	
MW-56	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	12/4/2014	ND	
MW-55	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	3/11/2015	ND	
MW-20	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/3/2018	ND	
MW-21	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/3/2018	ND	
MW-30R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/3/2018	ND	
MW-31R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/3/2018	ND	
MW-32R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/3/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	11/1/2018	ND	
MW-22R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	11/2/2018	ND	
MW-18	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/16/2019	ND	
MW-19	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/16/2019	ND	
MW-28	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/16/2019	ND	
MW-50	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/20/2019	ND	
MW-51	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/20/2019	ND	
MW-52	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/20/2019	ND	
MW-53	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/20/2019	ND	
MW-54	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/20/2019	ND	
MW-56	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/20/2019	ND	
MW-14R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/11/2019	ND	
MW-29	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/11/2019	ND	
MW-33R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/11/2019	ND	
MW-58	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/11/2019	ND	
MW-55	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	11/12/2020	ND	
MW-39	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	3/11/2013	ND	
MW-31R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/10/2013	ND	
MW-32R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/10/2013	ND	
MW-18	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	12/18/2013	ND	
MW-20	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	12/18/2013	ND	
MW-21	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	12/18/2013	ND	
MW-22R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	12/18/2013	ND	
MW-30R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	12/18/2013	ND	
MW-18	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	6/24/2014	ND	
MW-29	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	7/24/2014	ND	
MW-57	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	7/24/2014	ND	
MW-58	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	7/24/2014	ND	
MW-33R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/24/2014	ND	
MW-50	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/24/2014	ND	
MW-51	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/24/2014	ND	
MW-52	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/24/2014	ND	
MW-53	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/24/2014	ND	
MW-54	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/24/2014	ND	
MW-14R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	12/4/2014	ND	
MW-19	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	12/4/2014	ND	
MW-28	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	12/4/2014	ND	
MW-56	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	12/4/2014	ND	
MW-55	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	3/11/2015	ND	
MW-20	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	4/3/2018	ND	
MW-21	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	4/3/2018	ND	
MW-30R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	4/3/2018	ND	
MW-31R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	4/3/2018	ND	
MW-32R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	4/3/2018	ND	
MW-39	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	11/1/2018	ND	
MW-22R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	11/2/2018	ND	
MW-18	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	5/16/2019	ND	
MW-19	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	5/16/2019	ND	
MW-28	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	5/16/2019	ND	
MW-50	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	5/20/2019	ND	
MW-51	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	5/20/2019	ND	
MW-52	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	5/20/2019	ND	
MW-54	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	5/20/2019	ND	
MW-56	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	5/20/2019	ND	
MW-53	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	5/21/2019	ND	
MW-14R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/11/2019	ND	
MW-29	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/11/2019	ND	
MW-30R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/11/2019	ND	
MW-33R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/11/2019	ND	
MW-58	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/11/2019	ND	
MW-55	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	11/12/2020	ND	
MW-51	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/15/2010	ND	
MW-24R	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/11/2010	ND	
MW-53	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/11/2010	ND	
GU-3A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/24/2010	ND	
MW-20	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/24/2010	ND	
MW-21	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/24/2010	ND	
MW-22R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/24/2010	ND	
MW-52	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/24/2010	ND	
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/24/2010	ND	
MW-55	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/24/2010	ND	
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/9/2010	ND	
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/9/2010	ND	
MW-50	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/9/2010	ND	
MW-56	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/9/2010	ND	
MW-57	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/9/2010	ND	
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/9/2010	ND	
MW-32R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/18/2010	ND	
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/17/2010	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/17/2010	ND	
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/17/2010	ND	
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/17/2010	ND	
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/17/2010	ND	
MW-51	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/17/2010	ND	
MW-21	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/21/2010	ND	
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/21/2010	ND	
MW-20	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/17/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/17/2010	ND	
MW-39	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/17/2010	ND	
MW-51	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/17/2010	ND	
GU-3A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/17/2010	ND	
MW-22R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/17/2010	ND	
MW-55	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/17/2010	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/22/2010	ND	
MW-24R	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/22/2010	ND	
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/22/2010	ND	
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/22/2010	ND	
MW-50	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/22/2010	ND	
MW-53	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/22/2010	ND	
MW-56	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/22/2010	ND	
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/22/2010	ND	
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/8/2010		0.83
MW-32R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/8/2010	ND	
MW-57	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/8/2010	ND	
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/15/2010	ND	
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/15/2010	ND	
MW-52	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/15/2010	ND	
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/12/2011	ND	
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/12/2011	ND	
MW-20	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/22/2011	ND	
MW-22R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/22/2011	ND	
MW-51	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/22/2011	ND	
MW-52	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/22/2011	ND	
MW-53	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/22/2011	ND	
MW-55	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/22/2011	ND	
GU-3A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/2/2011	ND	
MW-21	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/2/2011	ND	
MW-21	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/2/2011	ND	
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/21/2011		0.12
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/21/2011	ND	
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/21/2011	ND	
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/21/2011	ND	
MW-32R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/21/2011	ND	
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/31/2011	ND	
MW-56	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/31/2011	ND	
MW-57	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/31/2011	ND	
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/31/2011	ND	
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/7/2011	ND	
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/7/2011	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/7/2011	ND	
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/7/2011	ND	
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/7/2011	ND	
MW-39	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/7/2011	ND	
MW-50	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/7/2011	ND	
MW-52	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/22/2011	ND	
MW-56	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/22/2011	ND	
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/22/2011	ND	
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/29/2011	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/29/2011	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/29/2011	ND	
MW-32R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/29/2011	ND	
GU-3A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/9/2011	ND	
MW-22R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/9/2011	ND	
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/9/2011	ND	
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/9/2011	ND	
MW-51	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/9/2011		0.93
MW-53	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/9/2011	ND	
MW-53	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/9/2011	ND	
MW-21	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/4/2011	ND	
MW-50	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/4/2011	ND	
MW-50	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/4/2011	ND	
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/4/2011	ND	
MW-57	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/4/2011	ND	
MW-20	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/29/2011	ND	
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/29/2011	ND	
MW-52	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/29/2011	ND	
MW-55	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/29/2011	ND	
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/16/2011	ND	
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/16/2011	ND	
MW-39	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/16/2011	ND	
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/8/2012	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/8/2012	ND	
MW-20	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/8/2012	ND	
MW-21	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/8/2012	ND	
MW-22R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/8/2012	ND	
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/8/2012	ND	
MW-39	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/8/2012	ND	
MW-55	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/8/2012	ND	
MW-56	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/8/2012	ND	
MW-57	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/8/2012	ND	
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/8/2012	ND	
GU-3A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/13/2012	ND	
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/13/2012	ND	
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/13/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/13/2012	ND	
MW-32R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/13/2012	ND	
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/13/2012	ND	
MW-50	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/13/2012	ND	
MW-50	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/13/2012	ND	
MW-51	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/13/2012	ND	
MW-52	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/13/2012	ND	
MW-53	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/13/2012	ND	
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/13/2012	ND	
GU-3A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/4/2012	ND	
MW-20	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/4/2012	ND	
MW-21	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/4/2012	ND	
MW-22R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/4/2012	ND	
MW-50	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/4/2012	ND	
MW-51	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/4/2012	ND	
MW-52	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/4/2012	ND	
MW-53	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/4/2012	ND	
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/4/2012	ND	
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/4/2012	ND	
MW-57	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/4/2012	ND	
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/4/2012	ND	
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/19/2012	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/19/2012	ND	
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/19/2012	ND	
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/19/2012	ND	
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/19/2012	ND	
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/19/2012	ND	
MW-32R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/19/2012	ND	
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/19/2012	ND	
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/19/2012	ND	
MW-39	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/19/2012	ND	
MW-55	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/19/2012	ND	
MW-56	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/19/2012	ND	
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/11/2013	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/11/2013	ND	
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/11/2013	ND	
MW-39	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/11/2013	ND	
MW-50	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/11/2013	ND	
MW-50	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/11/2013	ND	
MW-51	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/11/2013	ND	
MW-52	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/11/2013	ND	
MW-53	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/11/2013	ND	
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/11/2013	ND	
MW-55	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/11/2013	ND	
MW-56	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/11/2013	ND	
MW-20	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/10/2013	ND	
MW-20	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/10/2013	ND	
MW-21	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/10/2013	ND	
MW-22R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/10/2013	ND	
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/10/2013	ND	
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/10/2013	ND	
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/10/2013	ND	
MW-32R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/10/2013	ND	
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/10/2013	ND	
MW-57	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/10/2013	ND	
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/10/2013	ND	
GU-3A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/10/2013	ND	
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/10/2013	ND	
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/10/2013	ND	
MW-32R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/10/2013	ND	
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/10/2013	ND	
MW-50	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/10/2013	ND	
MW-51	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/10/2013	ND	
MW-52	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/10/2013	ND	
MW-53	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/10/2013	ND	
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/10/2013	ND	
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/18/2013	ND	
MW-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/18/2013	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/18/2013	ND	
MW-20	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/18/2013	ND	
MW-21	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/18/2013	ND	
MW-22R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/18/2013	ND	
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/18/2013	ND	
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/18/2013	ND	
MW-39	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/18/2013	ND	
MW-39	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/18/2013	ND	
MW-55	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/18/2013	ND	
MW-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/20/2014	ND	
MW-20	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/20/2014	ND	
MW-21	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/20/2014	ND	
MW-21	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/20/2014	ND	
MW-22R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/20/2014	ND	
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/20/2014	ND	
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/20/2014	ND	
MW-32R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/20/2014	ND	
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/20/2014	ND	
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/24/2014	ND	
MW-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/24/2014	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/24/2014	ND	
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/24/2014	ND	
MW-39	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/24/2014	ND	
MW-50	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/24/2014	ND	
MW-51	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/24/2014	ND	
MW-52	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/24/2014	ND	
MW-53	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/24/2014	ND	
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/24/2014	ND	
MW-55	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/24/2014	ND	
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/24/2014	ND	
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/24/2014	ND	
MW-56	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/24/2014	ND	
MW-57	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/24/2014	ND	
GU-3A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/24/2014	ND	
MW-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/24/2014	ND	
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/24/2014	ND	
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/24/2014	ND	
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/24/2014	ND	
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/24/2014	ND	
MW-32R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/24/2014	ND	
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/24/2014	ND	
MW-50	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/24/2014	ND	
MW-51	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/24/2014	ND	
MW-52	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/24/2014	ND	
MW-53	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/24/2014	ND	
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/24/2014	ND	
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/4/2014	ND	
MW-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/4/2014	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/4/2014	ND	
MW-20	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/4/2014	ND	
MW-21	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/4/2014	ND	
MW-22R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/4/2014	ND	
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/4/2014	ND	
MW-39	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/4/2014	ND	
MW-56	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/4/2014	ND	
MW-57	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/4/2014	ND	
MW-57	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/4/2014	ND	
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/4/2014	ND	
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/11/2015	ND	
MW-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/11/2015	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/11/2015	ND	
MW-20	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/11/2015	ND	
MW-21	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/11/2015	ND	
MW-22R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/11/2015	ND	
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/11/2015	ND	
MW-39	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/11/2015	ND	
MW-55	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/11/2015	ND	
MW-56	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/11/2015	ND	
MW-57	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/11/2015	ND	
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/11/2015	ND	
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/11/2015	ND	
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/29/2015	ND	
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/29/2015	ND	
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/29/2015	ND	
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/29/2015	ND	
MW-32R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/29/2015	ND	
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/29/2015	ND	
MW-50	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/29/2015	ND	
MW-51	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/29/2015	ND	
MW-52	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/29/2015	ND	
MW-53	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/29/2015	ND	
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/29/2015	ND	
GU-3A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/22/2015	ND	
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/22/2015	ND	
MW-20	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/22/2015	ND	
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/22/2015	ND	
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/22/2015	ND	
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/22/2015	ND	
MW-32R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/22/2015	ND	
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/22/2015	ND	
MW-52	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/22/2015	ND	
MW-53	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/22/2015	ND	
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/22/2015	ND	
MW-57	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/22/2015	ND	
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/22/2015	ND	
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/15/2016	ND	
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/15/2016	ND	
MW-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/15/2016	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/15/2016	ND	
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/15/2016	ND	
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/15/2016	ND	
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/15/2016	ND	
MW-32R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/15/2016	ND	
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/15/2016	ND	
MW-39	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/15/2016	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-20	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/16/2016	ND	
MW-21	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/16/2016	ND	
MW-55	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/16/2016	ND	
MW-56	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/16/2016	ND	
MW-57	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/16/2016	ND	
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/16/2016	ND	
MW-22R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/17/2016	ND	
MW-53	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/17/2016	ND	
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/17/2016	ND	
MW-52	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/4/2016	ND	
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/25/2016	ND	
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/25/2016	ND	
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/25/2016	ND	
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/25/2016	ND	
MW-32R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/25/2016	ND	
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/25/2016	ND	
MW-50	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/25/2016	ND	
MW-51	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/25/2016	ND	
MW-52	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/25/2016	ND	
MW-53	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/25/2016	ND	
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/25/2016	ND	
GU-3A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/26/2016	ND	
MW-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/17/2017	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/17/2017	ND	
MW-22R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/17/2017	ND	
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/17/2017	ND	
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/17/2017	ND	
MW-39	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/17/2017	ND	
MW-50	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/17/2017	ND	
MW-51	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/17/2017	ND	
MW-53	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/17/2017	ND	
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/17/2017	ND	
MW-56	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/17/2017	ND	
GU-3A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/10/2017	ND	
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/10/2017	ND	
MW-20	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/10/2017	ND	
MW-21	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/10/2017	ND	
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/10/2017	ND	
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/10/2017	ND	
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/10/2017	ND	
MW-32R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/10/2017	ND	
MW-32R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/10/2017	ND	
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/10/2017	ND	
MW-57	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/10/2017	ND	
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/10/2017	ND	
MW-52	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/17/2017	ND	
MW-55	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/17/2017	ND	
GU-3A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/3/2018	ND	
GU-3A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/3/2018	ND	
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/3/2018	ND	
MW-20	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/3/2018	ND	
MW-21	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/3/2018	ND	
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/3/2018	ND	
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/3/2018	ND	
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/3/2018	ND	
MW-32R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/3/2018	ND	
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/3/2018	ND	
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/3/2018	ND	
MW-57	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/3/2018	ND	
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/3/2018	ND	
MW-39	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/1/2018	ND	
MW-50	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/1/2018	ND	
MW-51	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/1/2018	ND	
MW-52	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/1/2018	ND	
MW-53	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/1/2018	ND	
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/1/2018	ND	
MW-55	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/1/2018	ND	
MW-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/2/2018	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/2/2018	ND	
MW-22R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/2/2018	ND	
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/2/2018	ND	
MW-56	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/2/2018	NDH	
MW-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/16/2019	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/16/2019	ND	
MW-23	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/16/2019	ND	
MW-24R	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/16/2019	ND	
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/16/2019	ND	
MW-55	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/16/2019	ND	
MW-50	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/20/2019	ND	
MW-51	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/20/2019	ND	
MW-52	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/20/2019	ND	
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/20/2019	ND	
MW-56	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/20/2019	ND	
MW-53	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/21/2019	ND	
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/11/2019	ND	
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/11/2019	ND	
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/11/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/11/2019	ND	
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/11/2019	ND	
GU-3A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/16/2020	ND	
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/16/2020	ND	
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/17/2020	ND	
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/17/2020	ND	
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/17/2020	ND	
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/17/2020	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/20/2020	ND	
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/20/2020	ND	
MW-51	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/20/2020	ND	
MW-55	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/20/2020	ND	
MW-56	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/20/2020	ND	
MW-57R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/20/2020	ND	
MW-73	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/20/2020	ND	
MW-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/21/2020	ND	
MW-50	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/21/2020	ND	
MW-52	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/21/2020	ND	
MW-53	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/21/2020	ND	
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/21/2020	ND	
MW-23	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/22/2020	ND	
MW-24R	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/22/2020	ND	
MW-55	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/12/2020	ND	
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/24/2021		<1.20
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/24/2021		<1.20
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/25/2021		<1.20
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/25/2021		<1.20
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/25/2021		<1.20
MW-68	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/25/2021		<1.20
MW-69	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/25/2021		<1.20
MW-70	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/26/2021		<1.20
MW-57R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/26/2021		<1.20
PZ-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/27/2021		<1.20
MW-73	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/27/2021		<1.20
GU-3A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/8/2021		<1.20
MW-24R	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/7/2021		<1.20
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/7/2021		<1.20
MW-57R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/7/2021		<1.20
MW-73	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/7/2021		<1.20
MW-56	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/7/2021		<1.20
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/7/2021		<1.20
MW-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/7/2021		<1.20
MW-55	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/7/2021		<1.20
MW-50	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/7/2021		<1.20
MW-23	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/8/2021		<1.20
MW-39	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/8/2021		<1.20
MW-51	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/8/2021		<1.20
MW-52	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/8/2021		<1.20
MW-53	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/8/2021		<1.20
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/8/2021		<1.20
MW-51	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/15/2010	ND	
MW-24R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/11/2010	ND	
MW-53	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/11/2010	ND	
GU-3A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/24/2010	ND	
MW-20	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/24/2010	ND	
MW-21	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/24/2010	ND	
MW-22R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/24/2010	ND	
MW-52	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/24/2010	ND	
MW-54	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/24/2010	ND	
MW-55	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/24/2010	ND	
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2010	ND	
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2010	ND	
MW-50	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2010	ND	
MW-56	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2010	ND	
MW-57	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2010	ND	
MW-58	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2010	ND	
MW-32R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/18/2010	ND	
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/17/2010	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/17/2010	ND	
MW-29	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/17/2010	ND	
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/17/2010	ND	
MW-31R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/17/2010	ND	
MW-51	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/17/2010	ND	
MW-21	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/21/2010	ND	
MW-54	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/21/2010	ND	
MW-20	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/17/2010	ND	
MW-29	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/17/2010	ND	
MW-39	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/17/2010	ND	
MW-51	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/17/2010	ND	
GU-3A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/17/2010	ND	
MW-22R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/17/2010	ND	
MW-55	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/17/2010	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/22/2010	ND	
MW-24R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/22/2010	ND	
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/22/2010	ND	
MW-31R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/22/2010	ND	
MW-50	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/22/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-53	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/22/2010	ND	
MW-56	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/22/2010	ND	
MW-58	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/22/2010	ND	
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/8/2010	ND	
MW-32R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/8/2010	ND	
MW-57	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/8/2010	ND	
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/15/2010	ND	
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/15/2010	ND	
MW-52	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/15/2010	ND	
MW-54	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/12/2011	ND	
MW-54	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/12/2011	ND	
MW-20	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/22/2011	ND	
MW-22R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/22/2011	ND	
MW-51	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/22/2011	ND	
MW-52	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/22/2011	ND	
MW-53	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/22/2011	ND	
MW-55	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/22/2011	ND	
GU-3A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/2/2011	ND	
MW-21	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/2/2011	ND	
MW-21	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/2/2011	ND	
MW-29	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/21/2011	ND	
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/21/2011	ND	
MW-31R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/21/2011	ND	
MW-31R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/21/2011	ND	
MW-32R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/21/2011	ND	
MW-54	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/31/2011	ND	
MW-56	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/31/2011	ND	
MW-57	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/31/2011	ND	
MW-58	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/31/2011	ND	
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/7/2011	ND	
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/7/2011	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/7/2011	ND	
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/7/2011	ND	
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/7/2011	ND	
MW-39	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/7/2011	ND	
MW-50	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/7/2011	ND	
MW-52	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/22/2011	ND	
MW-56	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/22/2011	ND	
MW-58	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/22/2011	ND	
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/29/2011	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/29/2011	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/29/2011	ND	
MW-32R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/29/2011	ND	
GU-3A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/9/2011	ND	
MW-22R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/9/2011	ND	
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/9/2011	ND	
MW-29	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/9/2011	ND	
MW-51	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/9/2011	ND	
MW-53	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/9/2011	ND	
MW-53	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/9/2011	ND	
MW-21	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2011	ND	
MW-50	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2011	ND	
MW-50	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2011	ND	
MW-54	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2011	ND	
MW-57	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2011	ND	
MW-20	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/29/2011	ND	
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/29/2011	ND	
MW-52	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/29/2011	ND	
MW-55	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/29/2011	ND	
MW-31R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/16/2011	ND	
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/16/2011	ND	
MW-39	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/16/2011	ND	
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/8/2012	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/8/2012	ND	
MW-20	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/8/2012	ND	
MW-21	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/8/2012	ND	
MW-22R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/8/2012	ND	
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/8/2012	ND	
MW-39	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/8/2012	ND	
MW-55	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/8/2012	ND	
MW-56	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/8/2012	ND	
MW-57	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/8/2012	ND	
MW-58	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/8/2012	ND	
GU-3A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/13/2012	ND	
MW-29	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/13/2012	ND	
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/13/2012	ND	
MW-31R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/13/2012	ND	
MW-32R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/13/2012	ND	
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/13/2012	ND	
MW-50	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/13/2012	ND	
MW-50	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/13/2012	ND	
MW-51	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/13/2012	ND	
MW-52	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/13/2012	ND	
MW-53	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/13/2012	ND	
MW-54	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/13/2012	ND	
GU-3A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/4/2012	ND	
MW-20	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/4/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-21	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/4/2012	ND	
MW-22R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/4/2012	ND	
MW-50	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/4/2012	ND	
MW-51	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/4/2012	ND	
MW-52	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/4/2012	ND	
MW-53	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/4/2012	ND	
MW-54	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/4/2012	ND	
MW-54	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/4/2012	ND	
MW-57	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/4/2012	ND	
MW-58	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/4/2012	ND	
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/19/2012	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/19/2012	ND	
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/19/2012	ND	
MW-29	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/19/2012	ND	
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/19/2012	ND	
MW-31R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/19/2012	ND	
MW-32R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/19/2012	ND	
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/19/2012	ND	
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/19/2012	ND	
MW-39	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/19/2012	ND	
MW-55	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/19/2012	ND	
MW-56	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/19/2012	ND	
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/11/2013	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/11/2013	ND	
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/11/2013	ND	
MW-39	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/11/2013	ND	
MW-50	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/11/2013	ND	
MW-50	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/11/2013	ND	
MW-51	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/11/2013	ND	
MW-52	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/11/2013	ND	
MW-53	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/11/2013	ND	
MW-54	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/11/2013	ND	
MW-55	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/11/2013	ND	
MW-56	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/11/2013	ND	
MW-20	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/10/2013	ND	
MW-20	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/10/2013	ND	
MW-21	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/10/2013	ND	
MW-22R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/10/2013	ND	
MW-29	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/10/2013	ND	
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/10/2013	ND	
MW-31R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/10/2013	ND	
MW-32R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/10/2013	ND	
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/10/2013	ND	
MW-57	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/10/2013	ND	
MW-58	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/10/2013	ND	
GU-3A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/10/2013	ND	
MW-31R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/10/2013	ND	
MW-31R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/10/2013	ND	
MW-32R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/10/2013	ND	
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/10/2013	ND	
MW-50	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/10/2013	ND	
MW-51	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/10/2013	ND	
MW-52	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/10/2013	ND	
MW-53	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/10/2013	ND	
MW-54	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/10/2013	ND	
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/18/2013	ND	
MW-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/18/2013	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/18/2013	ND	
MW-20	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/18/2013	ND	
MW-21	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/18/2013	ND	
MW-22R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/18/2013	ND	
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/18/2013	ND	
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/18/2013	ND	
MW-39	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/18/2013	ND	
MW-39	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/18/2013	ND	
MW-55	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/18/2013	ND	
MW-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/20/2014	ND	
MW-20	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/20/2014	ND	
MW-21	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/20/2014	ND	
MW-21	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/20/2014	ND	
MW-22R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/20/2014	ND	
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/20/2014	ND	
MW-31R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/20/2014	ND	
MW-32R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/20/2014	ND	
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/20/2014	ND	
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/24/2014	ND	
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/24/2014	ND	
MW-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/24/2014	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/24/2014	ND	
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/24/2014	ND	
MW-39	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/24/2014	ND	
MW-50	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/24/2014	ND	
MW-51	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/24/2014	ND	
MW-52	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/24/2014	ND	
MW-53	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/24/2014	ND	
MW-54	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/24/2014	ND	
MW-55	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/24/2014	ND	
MW-29	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/24/2014	ND	
MW-56	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/24/2014	ND	
MW-57	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/24/2014	ND	
GU-3A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/24/2014	ND	
MW-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/24/2014	ND	
MW-29	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/24/2014	ND	
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/24/2014	ND	
MW-31R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/24/2014	ND	
MW-31R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/24/2014	ND	
MW-32R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/24/2014	ND	
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/24/2014	ND	
MW-50	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/24/2014	ND	
MW-51	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/24/2014	ND	
MW-52	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/24/2014	ND	
MW-53	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/24/2014	ND	
MW-54	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/24/2014	ND	
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/4/2014	ND	
MW-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/4/2014	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/4/2014	ND	
MW-20	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/4/2014	ND	
MW-21	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/4/2014	ND	
MW-22R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/4/2014	ND	
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/4/2014	ND	
MW-39	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/4/2014	ND	
MW-56	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/4/2014	ND	
MW-57	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/4/2014	ND	
MW-57	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/4/2014	ND	
MW-58	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/4/2014	ND	
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/11/2015	ND	
MW-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/11/2015	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/11/2015	ND	
MW-20	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/11/2015	ND	
MW-21	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/11/2015	ND	
MW-22R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/11/2015	ND	
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/11/2015	ND	
MW-39	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/11/2015	ND	
MW-55	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/11/2015	ND	
MW-56	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/11/2015	ND	
MW-57	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/11/2015	ND	
MW-58	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/11/2015	ND	
MW-58	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/11/2015	ND	
MW-29	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/29/2015	ND	
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/29/2015	ND	
MW-31R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/29/2015	ND	
MW-31R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/29/2015	ND	
MW-32R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/29/2015	ND	
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/29/2015	ND	
MW-50	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/29/2015	ND	
MW-51	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/29/2015	ND	
MW-52	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/29/2015	ND	
MW-53	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/29/2015	ND	
MW-54	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/29/2015	ND	
GU-3A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/22/2015	ND	
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/15/2016	ND	
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/15/2016	ND	
MW-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/15/2016	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/15/2016	ND	
MW-39	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/15/2016	ND	
MW-20	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/16/2016	ND	
MW-21	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/16/2016	ND	
MW-55	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/16/2016	ND	
MW-56	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/16/2016	ND	
MW-57	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/16/2016	ND	
MW-58	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/16/2016	ND	
MW-22R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/17/2016	ND	
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/25/2016	ND	
MW-29	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/25/2016	ND	
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/25/2016	ND	
MW-31R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/25/2016	ND	
MW-32R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/25/2016	ND	
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/25/2016	ND	
MW-50	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/25/2016	ND	
MW-51	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/25/2016	ND	
MW-52	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/25/2016	ND	
MW-53	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/25/2016	ND	
MW-54	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/25/2016	ND	
GU-3A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/26/2016	ND	
MW-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/17/2017	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/17/2017	ND	
MW-22R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/17/2017	ND	
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/17/2017	ND	
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/17/2017	ND	
MW-39	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/17/2017	ND	
MW-50	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/17/2017	ND	
MW-51	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/17/2017	ND	
MW-53	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/17/2017	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-54	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/17/2017	ND	
MW-56	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/17/2017	ND	
GU-3A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/10/2017	ND	
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/10/2017	ND	
MW-20	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/10/2017	ND	
MW-21	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/10/2017	ND	
MW-29	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/10/2017	ND	
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/10/2017	ND	
MW-31R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/10/2017	ND	
MW-32R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/10/2017	ND	
MW-32R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/10/2017	ND	
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/10/2017	ND	
MW-57	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/10/2017	ND	
MW-58	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/10/2017	ND	
MW-52	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/17/2017	ND	
MW-55	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/17/2017	ND	
GU-3A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/3/2018	ND	
GU-3A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/3/2018	ND	
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/3/2018	ND	
MW-20	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/3/2018	ND	
MW-21	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/3/2018	ND	
MW-29	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/3/2018	ND	
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/3/2018	ND	
MW-31R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/3/2018	ND	
MW-32R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/3/2018	ND	
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/3/2018	ND	
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/3/2018	ND	
MW-57	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/3/2018	ND	
MW-58	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/3/2018	ND	
MW-39	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/1/2018	ND	
MW-50	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/1/2018	ND	
MW-51	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/1/2018	ND	
MW-52	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/1/2018	ND	
MW-53	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/1/2018	ND	
MW-54	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/1/2018	ND	
MW-55	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/1/2018	ND	
MW-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/2/2018	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/2/2018	ND	
MW-22R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/2/2018	ND	
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/2/2018	ND	
MW-56	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/2/2018	NDH	
MW-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/16/2019	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/16/2019	ND	
MW-23	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/16/2019	ND	
MW-24R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/16/2019	ND	
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/16/2019	ND	
MW-55	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/16/2019	ND	
MW-50	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/20/2019	ND	
MW-51	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/20/2019	ND	
MW-52	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/20/2019	ND	
MW-54	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/20/2019	ND	
MW-56	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/20/2019	ND	
MW-53	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/21/2019	ND	
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/11/2019	ND	
MW-29	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/11/2019	ND	
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/11/2019	ND	
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/11/2019	ND	
MW-58	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/11/2019	ND	
GU-3A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/16/2020	ND	
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/16/2020	ND	
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/17/2020	ND	
MW-29	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/17/2020	ND	
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/17/2020	ND	
MW-58	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/17/2020	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/20/2020	ND	
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/20/2020	ND	
MW-51	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/20/2020	ND	
MW-55	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/20/2020	ND	
MW-56	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/20/2020	ND	
MW-57R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/20/2020	ND	
MW-73	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/20/2020	ND	
MW-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/21/2020	ND	
MW-50	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/21/2020	ND	
MW-52	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/21/2020	ND	
MW-53	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/21/2020	ND	
MW-54	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/21/2020	ND	
MW-23	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/22/2020	ND	
MW-24R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/22/2020	ND	
MW-55	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/12/2020	ND	
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/24/2021		<0.340
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/24/2021		<0.340
MW-29	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/25/2021		<0.340
MW-58	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/25/2021		<0.340
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/25/2021		<0.340
MW-68	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/25/2021		<0.340
MW-69	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/25/2021		<0.340
MW-70	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/26/2021		<0.340

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/26/2021		<0.340
PZ-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/27/2021		<0.340
MW-73	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/27/2021		<0.340
GU-3A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/8/2021		<0.340
MW-24R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/7/2021		<0.340
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/7/2021		<0.340
MW-57R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/7/2021		<0.340
MW-73	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/7/2021		<0.340
MW-56	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/7/2021		<0.340
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/7/2021		<0.340
MW-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/7/2021		<0.340
MW-55	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/7/2021		<0.340
MW-50	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/7/2021		<0.340
MW-23	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/8/2021		<0.340
MW-39	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/8/2021		<0.340
MW-51	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/8/2021		<0.340
MW-52	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/8/2021		<0.340
MW-53	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/8/2021		<0.340
MW-54	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/8/2021		<0.340
MW-51	d	1,2-Dichlorobenzene	95-50-1	ug/L	1/15/2010	ND	
MW-24R	u	1,2-Dichlorobenzene	95-50-1	ug/L	2/11/2010	ND	
MW-53	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/11/2010	ND	
GU-3A	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/24/2010	ND	
MW-20	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/24/2010	ND	
MW-21	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/24/2010	ND	
MW-22R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/24/2010	ND	
MW-52	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/24/2010	ND	
MW-54	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/24/2010	ND	
MW-55	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/24/2010	ND	
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2010	ND	
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2010	ND	
MW-50	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2010	ND	
MW-56	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2010	ND	
MW-57	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2010	ND	
MW-58	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2010	ND	
MW-32R	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/18/2010	ND	
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/17/2010	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/17/2010	ND	
MW-29	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/17/2010	ND	
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/17/2010	ND	
MW-31R	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/17/2010	ND	
MW-51	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/17/2010	ND	
MW-21	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/21/2010	ND	
MW-54	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/21/2010	ND	
MW-20	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/17/2010	ND	
MW-29	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/17/2010	ND	
MW-39	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/17/2010	ND	
MW-51	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/17/2010	ND	
GU-3A	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/17/2010	ND	
MW-22R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/17/2010	ND	
MW-55	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/17/2010	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/22/2010	ND	
MW-24R	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/22/2010	ND	
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/22/2010	ND	
MW-31R	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/22/2010	ND	
MW-50	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/22/2010	ND	
MW-53	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/22/2010	ND	
MW-56	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/22/2010	ND	
MW-58	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/22/2010	ND	
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/8/2010	ND	
MW-32R	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/8/2010	ND	
MW-57	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/8/2010	ND	
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/15/2010	ND	
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/15/2010	ND	
MW-52	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/15/2010	ND	
MW-54	d	1,2-Dichlorobenzene	95-50-1	ug/L	1/12/2011	ND	
MW-54	d	1,2-Dichlorobenzene	95-50-1	ug/L	1/12/2011	ND	
MW-20	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/22/2011	ND	
MW-22R	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/22/2011	ND	
MW-51	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/22/2011	ND	
MW-52	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/22/2011	ND	
MW-53	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/22/2011	ND	
MW-55	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/22/2011	ND	
GU-3A	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/2/2011	ND	
MW-21	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/2/2011	ND	
MW-21	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/2/2011	ND	
MW-29	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/21/2011	ND	
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/21/2011	ND	
MW-31R	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/21/2011	ND	
MW-31R	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/21/2011	ND	
MW-32R	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/21/2011	ND	
MW-54	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/31/2011	ND	
MW-56	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/31/2011	ND	
MW-57	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/31/2011	ND	
MW-58	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/31/2011	ND	
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/7/2011	ND	
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/7/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/7/2011	ND	
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/7/2011	ND	
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/7/2011	ND	
MW-39	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/7/2011	ND	
MW-50	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/7/2011	ND	
MW-52	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/22/2011	ND	
MW-56	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/22/2011	ND	
MW-58	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/22/2011	ND	
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/29/2011	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/29/2011	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/29/2011	ND	
MW-32R	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/29/2011	ND	
GU-3A	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/9/2011	ND	
MW-22R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/9/2011	ND	
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/9/2011	ND	
MW-29	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/9/2011	ND	
MW-51	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/9/2011	ND	
MW-53	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/9/2011	ND	
MW-53	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/9/2011	ND	
MW-21	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2011	ND	
MW-50	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2011	ND	
MW-50	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2011	ND	
MW-54	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2011	ND	
MW-57	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2011	ND	
MW-20	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/29/2011	ND	
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/29/2011	ND	
MW-52	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/29/2011	ND	
MW-55	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/29/2011	ND	
MW-31R	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/16/2011	ND	
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/16/2011	ND	
MW-39	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/16/2011	ND	
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/8/2012	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/8/2012	ND	
MW-20	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/8/2012	ND	
MW-21	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/8/2012	ND	
MW-22R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/8/2012	ND	
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/8/2012	ND	
MW-39	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/8/2012	ND	
MW-55	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/8/2012	ND	
MW-56	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/8/2012	ND	
MW-57	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/8/2012	ND	
MW-58	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/8/2012	ND	
GU-3A	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/13/2012	ND	
MW-29	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/13/2012	ND	
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/13/2012	ND	
MW-31R	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/13/2012	ND	
MW-32R	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/13/2012	ND	
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/13/2012	ND	
MW-50	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/13/2012	ND	
MW-50	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/13/2012	ND	
MW-51	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/13/2012	ND	
MW-52	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/13/2012	ND	
MW-53	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/13/2012	ND	
MW-54	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/13/2012	ND	
GU-3A	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/4/2012	ND	
MW-20	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/4/2012	ND	
MW-21	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/4/2012	ND	
MW-22R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/4/2012	ND	
MW-50	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/4/2012	ND	
MW-51	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/4/2012	ND	
MW-52	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/4/2012	ND	
MW-53	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/4/2012	ND	
MW-54	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/4/2012	ND	
MW-54	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/4/2012	ND	
MW-57	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/4/2012	ND	
MW-58	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/4/2012	ND	
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/19/2012	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/19/2012	ND	
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/19/2012	ND	
MW-29	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/19/2012	ND	
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/19/2012	ND	
MW-31R	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/19/2012	ND	
MW-32R	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/19/2012	ND	
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/19/2012	ND	
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/19/2012	ND	
MW-39	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/19/2012	ND	
MW-55	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/19/2012	ND	
MW-56	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/19/2012	ND	
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/11/2013	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/11/2013	ND	
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/11/2013	ND	
MW-39	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/11/2013	ND	
MW-50	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/11/2013	ND	
MW-50	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/11/2013	ND	
MW-51	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/11/2013	ND	
MW-52	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/11/2013	ND	
MW-53	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/11/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-54	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/11/2013	ND	
MW-55	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/11/2013	ND	
MW-56	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/11/2013	ND	
MW-20	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/10/2013	ND	
MW-20	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/10/2013	ND	
MW-21	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/10/2013	ND	
MW-22R	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/10/2013	ND	
MW-29	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/10/2013	ND	
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/10/2013	ND	
MW-31R	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/10/2013	ND	
MW-32R	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/10/2013	ND	
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/10/2013	ND	
MW-57	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/10/2013	ND	
MW-58	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/10/2013	ND	
GU-3A	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/10/2013	ND	
MW-31R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/10/2013	ND	
MW-31R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/10/2013	ND	
MW-32R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/10/2013	ND	
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/10/2013	ND	
MW-50	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/10/2013	ND	
MW-51	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/10/2013	ND	
MW-52	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/10/2013	ND	
MW-53	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/10/2013	J	0.29
MW-54	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/10/2013	ND	
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/18/2013	ND	
MW-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/18/2013	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/18/2013	ND	
MW-20	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/18/2013	ND	
MW-21	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/18/2013	ND	
MW-22R	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/18/2013	ND	
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/18/2013	ND	
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/18/2013	ND	
MW-39	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/18/2013	ND	
MW-39	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/18/2013	ND	
MW-55	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/18/2013	ND	
MW-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/20/2014	ND	
MW-20	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/20/2014	ND	
MW-21	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/20/2014	ND	
MW-21	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/20/2014	ND	
MW-22R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/20/2014	ND	
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/20/2014	ND	
MW-31R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/20/2014	ND	
MW-32R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/20/2014	ND	
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/20/2014	ND	
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/24/2014	ND	
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/24/2014	ND	
MW-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/24/2014	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/24/2014	ND	
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/24/2014	ND	
MW-39	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/24/2014	ND	
MW-50	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/24/2014	ND	
MW-51	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/24/2014	ND	
MW-52	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/24/2014	ND	
MW-53	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/24/2014	J	0.604
MW-54	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/24/2014	ND	
MW-55	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/24/2014	ND	
MW-58	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/24/2014	ND	
MW-29	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/24/2014	J	0.427
MW-56	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/24/2014	ND	
MW-57	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/24/2014	ND	
GU-3A	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/24/2014	ND	
MW-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/24/2014	ND	
MW-29	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/24/2014	ND	
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/24/2014	ND	
MW-31R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/24/2014	ND	
MW-31R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/24/2014	ND	
MW-32R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/24/2014	ND	
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/24/2014	ND	
MW-50	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/24/2014	ND	
MW-51	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/24/2014	ND	
MW-52	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/24/2014	ND	
MW-53	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/24/2014	J	0.413
MW-54	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/24/2014	ND	
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/4/2014	ND	
MW-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/4/2014	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/4/2014	ND	
MW-20	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/4/2014	ND	
MW-21	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/4/2014	ND	
MW-22R	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/4/2014	ND	
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/4/2014	ND	
MW-39	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/4/2014	ND	
MW-56	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/4/2014	ND	
MW-57	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/4/2014	ND	
MW-57	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/4/2014	ND	
MW-58	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/4/2014	ND	
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/11/2015	ND	
MW-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/11/2015	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/11/2015	ND	
MW-20	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/11/2015	ND	
MW-21	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/11/2015	ND	
MW-22R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/11/2015	ND	
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/11/2015	ND	
MW-39	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/11/2015	ND	
MW-55	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/11/2015	ND	
MW-56	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/11/2015	ND	
MW-57	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/11/2015	ND	
MW-58	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/11/2015	ND	
MW-58	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/11/2015	ND	
MW-29	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/29/2015	J	0.344
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/29/2015	ND	
MW-31R	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/29/2015	ND	
MW-31R	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/29/2015	ND	
MW-32R	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/29/2015	ND	
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/29/2015	ND	
MW-50	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/29/2015	ND	
MW-51	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/29/2015	ND	
MW-52	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/29/2015	ND	
MW-53	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/29/2015	J	0.447
MW-54	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/29/2015	ND	
GU-3A	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/22/2015	ND	
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/15/2016	ND	
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/15/2016	ND	
MW-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/15/2016	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/15/2016	ND	
MW-39	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/15/2016	ND	
MW-20	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/16/2016	ND	
MW-21	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/16/2016	ND	
MW-55	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/16/2016	ND	
MW-56	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/16/2016	ND	
MW-57	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/16/2016	ND	
MW-58	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/16/2016	ND	
MW-22R	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/17/2016	ND	
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/25/2016	ND	
MW-29	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/25/2016	ND	
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/25/2016	ND	
MW-31R	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/25/2016	ND	
MW-32R	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/25/2016	ND	
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/25/2016	ND	
MW-50	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/25/2016	ND	
MW-51	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/25/2016	ND	
MW-52	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/25/2016	ND	
MW-53	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/25/2016	ND	
MW-54	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/25/2016	ND	
GU-3A	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/26/2016	ND	
MW-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	1/17/2017	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	1/17/2017	ND	
MW-22R	d	1,2-Dichlorobenzene	95-50-1	ug/L	1/17/2017	ND	
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	1/17/2017	ND	
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	1/17/2017	ND	
MW-39	d	1,2-Dichlorobenzene	95-50-1	ug/L	1/17/2017	ND	
MW-50	d	1,2-Dichlorobenzene	95-50-1	ug/L	1/17/2017	ND	
MW-51	d	1,2-Dichlorobenzene	95-50-1	ug/L	1/17/2017	ND	
MW-53	d	1,2-Dichlorobenzene	95-50-1	ug/L	1/17/2017	J	0.41
MW-54	d	1,2-Dichlorobenzene	95-50-1	ug/L	1/17/2017	ND	
MW-56	d	1,2-Dichlorobenzene	95-50-1	ug/L	1/17/2017	ND	
GU-3A	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/10/2017	ND	
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/10/2017	ND	
MW-20	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/10/2017	ND	
MW-21	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/10/2017	ND	
MW-29	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/10/2017	J	0.396
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/10/2017	ND	
MW-31R	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/10/2017	ND	
MW-32R	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/10/2017	ND	
MW-32R	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/10/2017	ND	
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/10/2017	ND	
MW-57	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/10/2017	ND	
MW-58	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/10/2017	ND	
MW-52	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/17/2017	ND	
MW-55	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/17/2017	ND	
GU-3A	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/3/2018	ND	
GU-3A	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/3/2018	ND	
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/3/2018	ND	
MW-20	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/3/2018	ND	
MW-21	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/3/2018	ND	
MW-29	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/3/2018	J	0.459
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/3/2018	ND	
MW-31R	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/3/2018	ND	
MW-32R	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/3/2018	ND	
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/3/2018	ND	
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/3/2018	ND	
MW-57	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/3/2018	ND	
MW-58	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/3/2018	ND	
MW-39	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/1/2018	ND	
MW-50	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/1/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-51	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/1/2018	ND	
MW-52	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/1/2018	ND	
MW-53	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/1/2018	J	0.502
MW-54	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/1/2018	ND	
MW-55	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/1/2018	ND	
MW-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/2/2018	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/2/2018	ND	
MW-22R	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/2/2018	ND	
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/2/2018	ND	
MW-56	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/2/2018	NDH	
MW-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/16/2019	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/16/2019	ND	
MW-23	u	1,2-Dichlorobenzene	95-50-1	ug/L	5/16/2019	ND	
MW-24R	u	1,2-Dichlorobenzene	95-50-1	ug/L	5/16/2019	ND	
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/16/2019	ND	
MW-55	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/16/2019	ND	
MW-50	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/20/2019	ND	
MW-51	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/20/2019	ND	
MW-52	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/20/2019	ND	
MW-54	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/20/2019	ND	
MW-56	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/20/2019	ND	
MW-53	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/21/2019	J	0.489
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/11/2019	ND	
MW-29	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/11/2019	ND	
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/11/2019	ND	
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/11/2019	ND	
MW-58	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/11/2019	ND	
GU-3A	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/16/2020	ND	
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/16/2020	ND	
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/17/2020	ND	
MW-29	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/17/2020	J	0.832
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/17/2020	ND	
MW-58	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/17/2020	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/20/2020	ND	
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/20/2020	ND	
MW-51	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/20/2020	ND	
MW-55	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/20/2020	ND	
MW-56	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/20/2020	ND	
MW-57R	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/20/2020	ND	
MW-73	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/20/2020	ND	
MW-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/21/2020	ND	
MW-50	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/21/2020	ND	
MW-52	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/21/2020	ND	
MW-53	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/21/2020	ND	
MW-54	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/21/2020	ND	
MW-23	u	1,2-Dichlorobenzene	95-50-1	ug/L	7/22/2020	ND	
MW-24R	u	1,2-Dichlorobenzene	95-50-1	ug/L	7/22/2020	ND	
MW-55	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/12/2020	ND	
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/24/2021		<1.00
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/24/2021		<1.00
MW-29	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/25/2021		<1.00
MW-58	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/25/2021		<1.00
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/25/2021		<1.00
MW-68	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/25/2021		<1.00
MW-69	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/25/2021		<1.00
MW-70	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/26/2021		<1.00
MW-57R	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/26/2021		<1.00
PZ-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/27/2021		<1.00
MW-73	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/27/2021		<1.00
GU-3A	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/8/2021		<1.00
MW-24R	u	1,2-Dichlorobenzene	95-50-1	ug/L	12/7/2021		<1.00
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/7/2021		<1.00
MW-57R	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/7/2021		<1.00
MW-73	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/7/2021		<1.00
MW-56	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/7/2021		<1.00
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/7/2021		<1.00
MW-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/7/2021		<1.00
MW-55	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/7/2021		<1.00
MW-50	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/7/2021		<1.00
MW-23	u	1,2-Dichlorobenzene	95-50-1	ug/L	12/8/2021		<1.00
MW-39	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/8/2021		<1.00
MW-51	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/8/2021		<1.00
MW-52	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/8/2021		<1.00
MW-53	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/8/2021	J	0.467
MW-54	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/8/2021		<1.00
MW-51	d	1,2-Dichloroethane	107-06-2	ug/L	1/15/2010	ND	
MW-24R	u	1,2-Dichloroethane	107-06-2	ug/L	2/11/2010	ND	
MW-53	d	1,2-Dichloroethane	107-06-2	ug/L	2/11/2010	ND	
GU-3A	d	1,2-Dichloroethane	107-06-2	ug/L	3/24/2010	ND	
MW-20	d	1,2-Dichloroethane	107-06-2	ug/L	3/24/2010	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	3/24/2010	ND	
MW-22R	d	1,2-Dichloroethane	107-06-2	ug/L	3/24/2010	ND	
MW-52	d	1,2-Dichloroethane	107-06-2	ug/L	3/24/2010	ND	
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	3/24/2010	ND	
MW-55	d	1,2-Dichloroethane	107-06-2	ug/L	3/24/2010	ND	
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	4/9/2010	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	4/9/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	1,2-Dichloroethane	107-06-2	ug/L	4/9/2010	ND	
MW-56	d	1,2-Dichloroethane	107-06-2	ug/L	4/9/2010	ND	
MW-57	d	1,2-Dichloroethane	107-06-2	ug/L	4/9/2010	ND	
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	4/9/2010	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	5/18/2010	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	6/17/2010	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	6/17/2010	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	6/17/2010	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	6/17/2010	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	6/17/2010	ND	
MW-51	d	1,2-Dichloroethane	107-06-2	ug/L	6/17/2010	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	7/21/2010	ND	
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	7/21/2010	ND	
MW-20	d	1,2-Dichloroethane	107-06-2	ug/L	8/17/2010	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	8/17/2010	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	8/17/2010	ND	
MW-51	d	1,2-Dichloroethane	107-06-2	ug/L	8/17/2010	ND	
GU-3A	d	1,2-Dichloroethane	107-06-2	ug/L	9/17/2010	ND	
MW-22R	d	1,2-Dichloroethane	107-06-2	ug/L	9/17/2010	ND	
MW-55	d	1,2-Dichloroethane	107-06-2	ug/L	9/17/2010	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	10/22/2010	ND	
MW-24R	u	1,2-Dichloroethane	107-06-2	ug/L	10/22/2010	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	10/22/2010	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	10/22/2010	ND	
MW-50	d	1,2-Dichloroethane	107-06-2	ug/L	10/22/2010	ND	
MW-53	d	1,2-Dichloroethane	107-06-2	ug/L	10/22/2010	ND	
MW-56	d	1,2-Dichloroethane	107-06-2	ug/L	10/22/2010	ND	
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	10/22/2010	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	11/8/2010	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	11/8/2010	ND	
MW-57	d	1,2-Dichloroethane	107-06-2	ug/L	11/8/2010	ND	
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	12/15/2010	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	12/15/2010	ND	
MW-52	d	1,2-Dichloroethane	107-06-2	ug/L	12/15/2010	ND	
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	1/12/2011	ND	
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	1/12/2011	ND	
MW-20	d	1,2-Dichloroethane	107-06-2	ug/L	2/22/2011	ND	
MW-22R	d	1,2-Dichloroethane	107-06-2	ug/L	2/22/2011	ND	
MW-51	d	1,2-Dichloroethane	107-06-2	ug/L	2/22/2011	ND	
MW-52	d	1,2-Dichloroethane	107-06-2	ug/L	2/22/2011	ND	
MW-53	d	1,2-Dichloroethane	107-06-2	ug/L	2/22/2011	ND	
MW-55	d	1,2-Dichloroethane	107-06-2	ug/L	2/22/2011	ND	
GU-3A	d	1,2-Dichloroethane	107-06-2	ug/L	3/2/2011	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	3/2/2011	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	3/2/2011	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	4/21/2011	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	4/21/2011	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	4/21/2011	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	4/21/2011	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	4/21/2011	ND	
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	5/31/2011	ND	
MW-56	d	1,2-Dichloroethane	107-06-2	ug/L	5/31/2011	ND	
MW-57	d	1,2-Dichloroethane	107-06-2	ug/L	5/31/2011	ND	
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	5/31/2011	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	6/7/2011	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	6/7/2011	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	6/7/2011	ND	
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	6/7/2011	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	6/7/2011	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	6/7/2011	ND	
MW-50	d	1,2-Dichloroethane	107-06-2	ug/L	6/7/2011	ND	
MW-52	d	1,2-Dichloroethane	107-06-2	ug/L	7/22/2011	ND	
MW-56	d	1,2-Dichloroethane	107-06-2	ug/L	7/22/2011	ND	
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	7/22/2011	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	8/29/2011	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	8/29/2011	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	8/29/2011	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	8/29/2011	ND	
GU-3A	d	1,2-Dichloroethane	107-06-2	ug/L	9/9/2011	ND	
MW-22R	d	1,2-Dichloroethane	107-06-2	ug/L	9/9/2011	ND	
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	9/9/2011	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	9/9/2011	ND	
MW-51	d	1,2-Dichloroethane	107-06-2	ug/L	9/9/2011	ND	
MW-53	d	1,2-Dichloroethane	107-06-2	ug/L	9/9/2011	ND	
MW-53	d	1,2-Dichloroethane	107-06-2	ug/L	9/9/2011	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	10/4/2011	ND	
MW-50	d	1,2-Dichloroethane	107-06-2	ug/L	10/4/2011	ND	
MW-50	d	1,2-Dichloroethane	107-06-2	ug/L	10/4/2011	ND	
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	10/4/2011	ND	
MW-57	d	1,2-Dichloroethane	107-06-2	ug/L	10/4/2011	ND	
MW-20	d	1,2-Dichloroethane	107-06-2	ug/L	11/29/2011	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	11/29/2011	ND	
MW-52	d	1,2-Dichloroethane	107-06-2	ug/L	11/29/2011	ND	
MW-55	d	1,2-Dichloroethane	107-06-2	ug/L	11/29/2011	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	12/16/2011	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	12/16/2011	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	12/16/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	3/8/2012	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	3/8/2012	ND	
MW-20	d	1,2-Dichloroethane	107-06-2	ug/L	3/8/2012	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	3/8/2012	ND	
MW-22R	d	1,2-Dichloroethane	107-06-2	ug/L	3/8/2012	ND	
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	3/8/2012	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	3/8/2012	ND	
MW-55	d	1,2-Dichloroethane	107-06-2	ug/L	3/8/2012	ND	
MW-56	d	1,2-Dichloroethane	107-06-2	ug/L	3/8/2012	ND	
MW-57	d	1,2-Dichloroethane	107-06-2	ug/L	3/8/2012	ND	
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	3/8/2012	ND	
GU-3A	d	1,2-Dichloroethane	107-06-2	ug/L	6/13/2012	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	6/13/2012	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	6/13/2012	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	6/13/2012	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	6/13/2012	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	6/13/2012	ND	
MW-50	d	1,2-Dichloroethane	107-06-2	ug/L	6/13/2012	ND	
MW-50	d	1,2-Dichloroethane	107-06-2	ug/L	6/13/2012	ND	
MW-51	d	1,2-Dichloroethane	107-06-2	ug/L	6/13/2012	ND	
MW-52	d	1,2-Dichloroethane	107-06-2	ug/L	6/13/2012	ND	
MW-53	d	1,2-Dichloroethane	107-06-2	ug/L	6/13/2012	ND	
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	6/13/2012	ND	
GU-3A	d	1,2-Dichloroethane	107-06-2	ug/L	9/4/2012	ND	
MW-20	d	1,2-Dichloroethane	107-06-2	ug/L	9/4/2012	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	9/4/2012	ND	
MW-22R	d	1,2-Dichloroethane	107-06-2	ug/L	9/4/2012	ND	
MW-50	d	1,2-Dichloroethane	107-06-2	ug/L	9/4/2012	ND	
MW-51	d	1,2-Dichloroethane	107-06-2	ug/L	9/4/2012	ND	
MW-52	d	1,2-Dichloroethane	107-06-2	ug/L	9/4/2012	ND	
MW-53	d	1,2-Dichloroethane	107-06-2	ug/L	9/4/2012	ND	
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	9/4/2012	ND	
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	9/4/2012	ND	
MW-57	d	1,2-Dichloroethane	107-06-2	ug/L	9/4/2012	ND	
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	9/4/2012	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	12/19/2012	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	12/19/2012	ND	
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	12/19/2012	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	12/19/2012	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	12/19/2012	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	12/19/2012	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	12/19/2012	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	12/19/2012	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	12/19/2012	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	12/19/2012	ND	
MW-55	d	1,2-Dichloroethane	107-06-2	ug/L	12/19/2012	ND	
MW-56	d	1,2-Dichloroethane	107-06-2	ug/L	12/19/2012	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	3/11/2013	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	3/11/2013	ND	
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	3/11/2013	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	3/11/2013	ND	
MW-50	d	1,2-Dichloroethane	107-06-2	ug/L	3/11/2013	ND	
MW-50	d	1,2-Dichloroethane	107-06-2	ug/L	3/11/2013	ND	
MW-51	d	1,2-Dichloroethane	107-06-2	ug/L	3/11/2013	ND	
MW-52	d	1,2-Dichloroethane	107-06-2	ug/L	3/11/2013	ND	
MW-53	d	1,2-Dichloroethane	107-06-2	ug/L	3/11/2013	ND	
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	3/11/2013	ND	
MW-55	d	1,2-Dichloroethane	107-06-2	ug/L	3/11/2013	ND	
MW-56	d	1,2-Dichloroethane	107-06-2	ug/L	3/11/2013	ND	
MW-20	d	1,2-Dichloroethane	107-06-2	ug/L	6/10/2013	ND	
MW-20	d	1,2-Dichloroethane	107-06-2	ug/L	6/10/2013	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	6/10/2013	ND	
MW-22R	d	1,2-Dichloroethane	107-06-2	ug/L	6/10/2013	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	6/10/2013	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	6/10/2013	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	6/10/2013	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	6/10/2013	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	6/10/2013	ND	
MW-57	d	1,2-Dichloroethane	107-06-2	ug/L	6/10/2013	ND	
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	6/10/2013	ND	
GU-3A	d	1,2-Dichloroethane	107-06-2	ug/L	9/10/2013	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	9/10/2013	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	9/10/2013	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	9/10/2013	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	9/10/2013	ND	
MW-50	d	1,2-Dichloroethane	107-06-2	ug/L	9/10/2013	ND	
MW-51	d	1,2-Dichloroethane	107-06-2	ug/L	9/10/2013	ND	
MW-52	d	1,2-Dichloroethane	107-06-2	ug/L	9/10/2013	ND	
MW-53	d	1,2-Dichloroethane	107-06-2	ug/L	9/10/2013	ND	
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	9/10/2013	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	12/18/2013	ND	
MW-18	d	1,2-Dichloroethane	107-06-2	ug/L	12/18/2013	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	12/18/2013	ND	
MW-20	d	1,2-Dichloroethane	107-06-2	ug/L	12/18/2013	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	12/18/2013	ND	
MW-22R	d	1,2-Dichloroethane	107-06-2	ug/L	12/18/2013	ND	
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	12/18/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	12/18/2013	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	12/18/2013	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	12/18/2013	ND	
MW-55	d	1,2-Dichloroethane	107-06-2	ug/L	12/18/2013	ND	
MW-18	d	1,2-Dichloroethane	107-06-2	ug/L	3/20/2014	ND	
MW-20	d	1,2-Dichloroethane	107-06-2	ug/L	3/20/2014	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	3/20/2014	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	3/20/2014	ND	
MW-22R	d	1,2-Dichloroethane	107-06-2	ug/L	3/20/2014	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	3/20/2014	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	3/20/2014	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	3/20/2014	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	3/20/2014	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	6/24/2014	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	6/24/2014	ND	
MW-18	d	1,2-Dichloroethane	107-06-2	ug/L	6/24/2014	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	6/24/2014	ND	
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	6/24/2014	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	6/24/2014	ND	
MW-50	d	1,2-Dichloroethane	107-06-2	ug/L	6/24/2014	ND	
MW-51	d	1,2-Dichloroethane	107-06-2	ug/L	6/24/2014	ND	
MW-52	d	1,2-Dichloroethane	107-06-2	ug/L	6/24/2014	ND	
MW-53	d	1,2-Dichloroethane	107-06-2	ug/L	6/24/2014	ND	
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	6/24/2014	ND	
MW-55	d	1,2-Dichloroethane	107-06-2	ug/L	6/24/2014		2.07
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	6/24/2014	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	7/24/2014	J	0.505
MW-56	d	1,2-Dichloroethane	107-06-2	ug/L	7/24/2014	ND	
MW-57	d	1,2-Dichloroethane	107-06-2	ug/L	7/24/2014	ND	
GU-3A	d	1,2-Dichloroethane	107-06-2	ug/L	9/24/2014	ND	
MW-18	d	1,2-Dichloroethane	107-06-2	ug/L	9/24/2014	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	9/24/2014	J	0.488
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	9/24/2014	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	9/24/2014	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	9/24/2014	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	9/24/2014	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	9/24/2014	ND	
MW-50	d	1,2-Dichloroethane	107-06-2	ug/L	9/24/2014	ND	
MW-51	d	1,2-Dichloroethane	107-06-2	ug/L	9/24/2014	ND	
MW-52	d	1,2-Dichloroethane	107-06-2	ug/L	9/24/2014	ND	
MW-53	d	1,2-Dichloroethane	107-06-2	ug/L	9/24/2014	ND	
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	9/24/2014	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	12/4/2014	ND	
MW-18	d	1,2-Dichloroethane	107-06-2	ug/L	12/4/2014	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	12/4/2014	ND	
MW-20	d	1,2-Dichloroethane	107-06-2	ug/L	12/4/2014	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	12/4/2014	ND	
MW-22R	d	1,2-Dichloroethane	107-06-2	ug/L	12/4/2014	ND	
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	12/4/2014	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	12/4/2014	ND	
MW-56	d	1,2-Dichloroethane	107-06-2	ug/L	12/4/2014	ND	
MW-57	d	1,2-Dichloroethane	107-06-2	ug/L	12/4/2014	ND	
MW-57	d	1,2-Dichloroethane	107-06-2	ug/L	12/4/2014	ND	
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	12/4/2014	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	3/11/2015	ND	
MW-18	d	1,2-Dichloroethane	107-06-2	ug/L	3/11/2015	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	3/11/2015	ND	
MW-20	d	1,2-Dichloroethane	107-06-2	ug/L	3/11/2015	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	3/11/2015	ND	
MW-22R	d	1,2-Dichloroethane	107-06-2	ug/L	3/11/2015	ND	
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	3/11/2015	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	3/11/2015	ND	
MW-55	d	1,2-Dichloroethane	107-06-2	ug/L	3/11/2015	ND	
MW-56	d	1,2-Dichloroethane	107-06-2	ug/L	3/11/2015	ND	
MW-57	d	1,2-Dichloroethane	107-06-2	ug/L	3/11/2015	ND	
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	3/11/2015	ND	
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	3/11/2015	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	6/29/2015	J	0.454
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	6/29/2015	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	6/29/2015	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	6/29/2015	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	6/29/2015	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	6/29/2015	ND	
MW-50	d	1,2-Dichloroethane	107-06-2	ug/L	6/29/2015	ND	
MW-51	d	1,2-Dichloroethane	107-06-2	ug/L	6/29/2015	ND	
MW-52	d	1,2-Dichloroethane	107-06-2	ug/L	6/29/2015	ND	
MW-53	d	1,2-Dichloroethane	107-06-2	ug/L	6/29/2015	ND	
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	6/29/2015	ND	
MW-68	d	1,2-Dichloroethane	107-06-2	ug/L	6/30/2015	ND	
MW-69	d	1,2-Dichloroethane	107-06-2	ug/L	6/30/2015	ND	
PZ-13	d	1,2-Dichloroethane	107-06-2	ug/L	7/1/2015	ND	
GU-3A	d	1,2-Dichloroethane	107-06-2	ug/L	9/22/2015	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	9/22/2015	ND	
MW-20	d	1,2-Dichloroethane	107-06-2	ug/L	9/22/2015	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	9/22/2015	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	9/22/2015	J	0.388
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	9/22/2015	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	9/22/2015	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	9/22/2015	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	9/22/2015	ND	
MW-52	d	1,2-Dichloroethane	107-06-2	ug/L	9/22/2015	ND	
MW-53	d	1,2-Dichloroethane	107-06-2	ug/L	9/22/2015	ND	
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	9/22/2015	ND	
MW-57	d	1,2-Dichloroethane	107-06-2	ug/L	9/22/2015	ND	
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	9/22/2015	ND	
MW-68	d	1,2-Dichloroethane	107-06-2	ug/L	9/24/2015	ND	
MW-69	d	1,2-Dichloroethane	107-06-2	ug/L	9/24/2015	ND	
PZ-13	d	1,2-Dichloroethane	107-06-2	ug/L	9/25/2015	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	2/15/2016	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	2/15/2016	ND	
MW-18	d	1,2-Dichloroethane	107-06-2	ug/L	2/15/2016	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	2/15/2016	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	2/15/2016	J	0.369
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	2/15/2016	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	2/15/2016	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	2/15/2016	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	2/15/2016	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	2/15/2016	ND	
MW-20	d	1,2-Dichloroethane	107-06-2	ug/L	2/16/2016	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	2/16/2016	ND	
MW-34	d	1,2-Dichloroethane	107-06-2	ug/L	2/16/2016	ND	
MW-55	d	1,2-Dichloroethane	107-06-2	ug/L	2/16/2016	ND	
MW-56	d	1,2-Dichloroethane	107-06-2	ug/L	2/16/2016	ND	
MW-57	d	1,2-Dichloroethane	107-06-2	ug/L	2/16/2016	ND	
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	2/16/2016	ND	
MW-68	d	1,2-Dichloroethane	107-06-2	ug/L	2/16/2016	ND	
MW-69	d	1,2-Dichloroethane	107-06-2	ug/L	2/16/2016	ND	
PZ-13	d	1,2-Dichloroethane	107-06-2	ug/L	2/16/2016	ND	
MW-22R	d	1,2-Dichloroethane	107-06-2	ug/L	2/17/2016	ND	
MW-53	d	1,2-Dichloroethane	107-06-2	ug/L	2/17/2016	ND	
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	2/17/2016	ND	
MW-63	d	1,2-Dichloroethane	107-06-2	ug/L	2/17/2016	ND	
MW-64	d	1,2-Dichloroethane	107-06-2	ug/L	2/17/2016	ND	
PZ-11	d	1,2-Dichloroethane	107-06-2	ug/L	2/17/2016	ND	
MW-52	d	1,2-Dichloroethane	107-06-2	ug/L	5/4/2016	ND	
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	8/25/2016	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	8/25/2016	J	0.414
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	8/25/2016	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	8/25/2016	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	8/25/2016	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	8/25/2016	ND	
MW-50	d	1,2-Dichloroethane	107-06-2	ug/L	8/25/2016	ND	
MW-51	d	1,2-Dichloroethane	107-06-2	ug/L	8/25/2016	ND	
MW-52	d	1,2-Dichloroethane	107-06-2	ug/L	8/25/2016	ND	
MW-53	d	1,2-Dichloroethane	107-06-2	ug/L	8/25/2016	ND	
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	8/25/2016	ND	
MW-68	d	1,2-Dichloroethane	107-06-2	ug/L	8/25/2016	ND	
GU-3A	d	1,2-Dichloroethane	107-06-2	ug/L	8/26/2016	ND	
MW-69	d	1,2-Dichloroethane	107-06-2	ug/L	8/26/2016	ND	
MW-70	d	1,2-Dichloroethane	107-06-2	ug/L	8/26/2016	ND	
PZ-13	d	1,2-Dichloroethane	107-06-2	ug/L	8/26/2016	ND	
MW-18	d	1,2-Dichloroethane	107-06-2	ug/L	1/17/2017	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	1/17/2017	ND	
MW-22R	d	1,2-Dichloroethane	107-06-2	ug/L	1/17/2017	ND	
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	1/17/2017	ND	
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	1/17/2017	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	1/17/2017	ND	
MW-50	d	1,2-Dichloroethane	107-06-2	ug/L	1/17/2017	ND	
MW-51	d	1,2-Dichloroethane	107-06-2	ug/L	1/17/2017	ND	
MW-53	d	1,2-Dichloroethane	107-06-2	ug/L	1/17/2017	ND	
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	1/17/2017	ND	
MW-56	d	1,2-Dichloroethane	107-06-2	ug/L	1/17/2017	ND	
GU-3A	d	1,2-Dichloroethane	107-06-2	ug/L	7/10/2017	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	7/10/2017	ND	
MW-20	d	1,2-Dichloroethane	107-06-2	ug/L	7/10/2017	ND	
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	7/10/2017	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	7/10/2017	J	0.68
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	7/10/2017	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	7/10/2017	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	7/10/2017	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	7/10/2017	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	7/10/2017	ND	
MW-57	d	1,2-Dichloroethane	107-06-2	ug/L	7/10/2017	ND	
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	7/10/2017	ND	
MW-68	d	1,2-Dichloroethane	107-06-2	ug/L	7/10/2017	ND	
MW-69	d	1,2-Dichloroethane	107-06-2	ug/L	7/10/2017	J	0.232
MW-70	d	1,2-Dichloroethane	107-06-2	ug/L	7/10/2017	ND	
PZ-13	d	1,2-Dichloroethane	107-06-2	ug/L	7/10/2017	ND	
MW-52	d	1,2-Dichloroethane	107-06-2	ug/L	10/17/2017	ND	
MW-55	d	1,2-Dichloroethane	107-06-2	ug/L	10/17/2017	ND	
GU-3A	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	ND	
GU-3A	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	ND	
MW-20	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-21	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	J	0.479
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	ND	
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	ND	
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	ND	
MW-57	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	ND	
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	ND	
MW-68	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	ND	
MW-69	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	ND	
MW-70	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	ND	
PZ-13	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	ND	
SW-104	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	ND	
SW-105	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	ND	
SW-107	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	ND	
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	11/1/2018	ND	
MW-50	d	1,2-Dichloroethane	107-06-2	ug/L	11/1/2018	ND	
MW-51	d	1,2-Dichloroethane	107-06-2	ug/L	11/1/2018	ND	
MW-52	d	1,2-Dichloroethane	107-06-2	ug/L	11/1/2018	ND	
MW-53	d	1,2-Dichloroethane	107-06-2	ug/L	11/1/2018	ND	
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	11/1/2018	ND	
MW-55	d	1,2-Dichloroethane	107-06-2	ug/L	11/1/2018	ND	
MW-18	d	1,2-Dichloroethane	107-06-2	ug/L	11/2/2018	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	11/2/2018	ND	
MW-22R	d	1,2-Dichloroethane	107-06-2	ug/L	11/2/2018	ND	
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	11/2/2018	ND	
MW-56	d	1,2-Dichloroethane	107-06-2	ug/L	11/2/2018	NDH	
MW-18	d	1,2-Dichloroethane	107-06-2	ug/L	5/16/2019	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	5/16/2019	ND	
MW-23	u	1,2-Dichloroethane	107-06-2	ug/L	5/16/2019	ND	
MW-24R	u	1,2-Dichloroethane	107-06-2	ug/L	5/16/2019	ND	
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	5/16/2019	ND	
MW-55	d	1,2-Dichloroethane	107-06-2	ug/L	5/16/2019	ND	
MW-50	d	1,2-Dichloroethane	107-06-2	ug/L	5/20/2019	ND	
MW-51	d	1,2-Dichloroethane	107-06-2	ug/L	5/20/2019	ND	
MW-52	d	1,2-Dichloroethane	107-06-2	ug/L	5/20/2019	ND	
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	5/20/2019	ND	
MW-56	d	1,2-Dichloroethane	107-06-2	ug/L	5/20/2019	ND	
MW-53	d	1,2-Dichloroethane	107-06-2	ug/L	5/21/2019	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	9/11/2019	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	9/11/2019	J	0.395
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	9/11/2019	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	9/11/2019	ND	
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	9/11/2019	ND	
MW-68	d	1,2-Dichloroethane	107-06-2	ug/L	9/13/2019	ND	
MW-69	d	1,2-Dichloroethane	107-06-2	ug/L	9/13/2019	ND	
MW-70	d	1,2-Dichloroethane	107-06-2	ug/L	9/13/2019	ND	
PZ-13	d	1,2-Dichloroethane	107-06-2	ug/L	9/13/2019	ND	
GU-3A	d	1,2-Dichloroethane	107-06-2	ug/L	3/16/2020	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	3/16/2020	ND	
MW-68	d	1,2-Dichloroethane	107-06-2	ug/L	3/16/2020	ND	
MW-69	d	1,2-Dichloroethane	107-06-2	ug/L	3/16/2020	ND	
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	3/17/2020	ND	
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	3/17/2020	ND	
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	3/17/2020	ND	
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	3/17/2020	ND	
MW-70	d	1,2-Dichloroethane	107-06-2	ug/L	3/17/2020	ND	
PZ-13	d	1,2-Dichloroethane	107-06-2	ug/L	3/17/2020	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	7/20/2020	ND	
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	7/20/2020	ND	
MW-51	d	1,2-Dichloroethane	107-06-2	ug/L	7/20/2020	ND	
MW-55	d	1,2-Dichloroethane	107-06-2	ug/L	7/20/2020	ND	
MW-56	d	1,2-Dichloroethane	107-06-2	ug/L	7/20/2020	ND	
MW-57R	d	1,2-Dichloroethane	107-06-2	ug/L	7/20/2020	ND	
MW-73	d	1,2-Dichloroethane	107-06-2	ug/L	7/20/2020	ND	
MW-18	d	1,2-Dichloroethane	107-06-2	ug/L	7/21/2020	ND	
MW-50	d	1,2-Dichloroethane	107-06-2	ug/L	7/21/2020	ND	
MW-52	d	1,2-Dichloroethane	107-06-2	ug/L	7/21/2020	ND	
MW-53	d	1,2-Dichloroethane	107-06-2	ug/L	7/21/2020	ND	
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	7/21/2020	ND	
MW-23	u	1,2-Dichloroethane	107-06-2	ug/L	7/22/2020	ND	
MW-24R	u	1,2-Dichloroethane	107-06-2	ug/L	7/22/2020	ND	
MW-55	d	1,2-Dichloroethane	107-06-2	ug/L	11/12/2020	ND	
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	8/24/2021		<1.00
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	8/24/2021		<1.00
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	8/25/2021		<1.00
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	8/25/2021		<1.00
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	8/25/2021		<1.00
MW-68	d	1,2-Dichloroethane	107-06-2	ug/L	8/25/2021		<1.00
MW-69	d	1,2-Dichloroethane	107-06-2	ug/L	8/25/2021		<1.00
MW-70	d	1,2-Dichloroethane	107-06-2	ug/L	8/26/2021		<1.00
MW-57R	d	1,2-Dichloroethane	107-06-2	ug/L	8/26/2021		<1.00
PZ-13	d	1,2-Dichloroethane	107-06-2	ug/L	8/27/2021		<1.00
MW-73	d	1,2-Dichloroethane	107-06-2	ug/L	8/27/2021		<1.00
GU-3A	d	1,2-Dichloroethane	107-06-2	ug/L	9/8/2021		<1.00
MW-24R	u	1,2-Dichloroethane	107-06-2	ug/L	12/7/2021		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	12/7/2021		<1.00
MW-57R	d	1,2-Dichloroethane	107-06-2	ug/L	12/7/2021		<1.00
MW-73	d	1,2-Dichloroethane	107-06-2	ug/L	12/7/2021		<1.00
MW-56	d	1,2-Dichloroethane	107-06-2	ug/L	12/7/2021		<1.00
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	12/7/2021		<1.00
MW-18	d	1,2-Dichloroethane	107-06-2	ug/L	12/7/2021		<1.00
MW-55	d	1,2-Dichloroethane	107-06-2	ug/L	12/7/2021		<1.00
MW-50	d	1,2-Dichloroethane	107-06-2	ug/L	12/7/2021		<1.00
MW-23	u	1,2-Dichloroethane	107-06-2	ug/L	12/8/2021		<1.00
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	12/8/2021		<1.00
MW-51	d	1,2-Dichloroethane	107-06-2	ug/L	12/8/2021		<1.00
MW-52	d	1,2-Dichloroethane	107-06-2	ug/L	12/8/2021		<1.00
MW-53	d	1,2-Dichloroethane	107-06-2	ug/L	12/8/2021		<1.00
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	12/8/2021		<1.00
MW-29	d	1,2-Dichloroethene	540-59-0	ug/L	3/17/2020		10.9
MW-51	d	1,2-Dichloropropane	78-87-5	ug/L	1/15/2010	ND	
MW-24R	u	1,2-Dichloropropane	78-87-5	ug/L	2/11/2010	ND	
MW-53	d	1,2-Dichloropropane	78-87-5	ug/L	2/11/2010	ND	
GU-3A	d	1,2-Dichloropropane	78-87-5	ug/L	3/24/2010	ND	
MW-20	d	1,2-Dichloropropane	78-87-5	ug/L	3/24/2010	ND	
MW-21	d	1,2-Dichloropropane	78-87-5	ug/L	3/24/2010	ND	
MW-22R	d	1,2-Dichloropropane	78-87-5	ug/L	3/24/2010	ND	
MW-52	d	1,2-Dichloropropane	78-87-5	ug/L	3/24/2010	ND	
MW-54	d	1,2-Dichloropropane	78-87-5	ug/L	3/24/2010	ND	
MW-55	d	1,2-Dichloropropane	78-87-5	ug/L	3/24/2010	ND	
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	4/9/2010	ND	
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	4/9/2010	ND	
MW-50	d	1,2-Dichloropropane	78-87-5	ug/L	4/9/2010	ND	
MW-56	d	1,2-Dichloropropane	78-87-5	ug/L	4/9/2010	ND	
MW-57	d	1,2-Dichloropropane	78-87-5	ug/L	4/9/2010	ND	
MW-58	d	1,2-Dichloropropane	78-87-5	ug/L	4/9/2010	ND	
MW-32R	d	1,2-Dichloropropane	78-87-5	ug/L	5/18/2010	ND	
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	6/17/2010	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	6/17/2010	ND	
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	6/17/2010		1.51
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	6/17/2010	ND	
MW-31R	d	1,2-Dichloropropane	78-87-5	ug/L	6/17/2010	ND	
MW-51	d	1,2-Dichloropropane	78-87-5	ug/L	6/17/2010	ND	
MW-21	d	1,2-Dichloropropane	78-87-5	ug/L	7/21/2010	ND	
MW-54	d	1,2-Dichloropropane	78-87-5	ug/L	7/21/2010	ND	
MW-20	d	1,2-Dichloropropane	78-87-5	ug/L	8/17/2010	ND	
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	8/17/2010		1.64
MW-39	d	1,2-Dichloropropane	78-87-5	ug/L	8/17/2010	ND	
MW-51	d	1,2-Dichloropropane	78-87-5	ug/L	8/17/2010	ND	
GU-3A	d	1,2-Dichloropropane	78-87-5	ug/L	9/17/2010	ND	
MW-22R	d	1,2-Dichloropropane	78-87-5	ug/L	9/17/2010	ND	
MW-55	d	1,2-Dichloropropane	78-87-5	ug/L	9/17/2010	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	10/22/2010	ND	
MW-24R	u	1,2-Dichloropropane	78-87-5	ug/L	10/22/2010	ND	
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	10/22/2010	ND	
MW-31R	d	1,2-Dichloropropane	78-87-5	ug/L	10/22/2010	ND	
MW-50	d	1,2-Dichloropropane	78-87-5	ug/L	10/22/2010	ND	
MW-53	d	1,2-Dichloropropane	78-87-5	ug/L	10/22/2010	ND	
MW-56	d	1,2-Dichloropropane	78-87-5	ug/L	10/22/2010	ND	
MW-58	d	1,2-Dichloropropane	78-87-5	ug/L	10/22/2010	ND	
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	11/8/2010	ND	
MW-32R	d	1,2-Dichloropropane	78-87-5	ug/L	11/8/2010	ND	
MW-57	d	1,2-Dichloropropane	78-87-5	ug/L	11/8/2010	ND	
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	12/15/2010	ND	
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	12/15/2010	ND	
MW-52	d	1,2-Dichloropropane	78-87-5	ug/L	12/15/2010	ND	
MW-54	d	1,2-Dichloropropane	78-87-5	ug/L	1/12/2011	ND	
MW-54	d	1,2-Dichloropropane	78-87-5	ug/L	1/12/2011	ND	
MW-20	d	1,2-Dichloropropane	78-87-5	ug/L	2/22/2011	ND	
MW-22R	d	1,2-Dichloropropane	78-87-5	ug/L	2/22/2011	ND	
MW-51	d	1,2-Dichloropropane	78-87-5	ug/L	2/22/2011	ND	
MW-52	d	1,2-Dichloropropane	78-87-5	ug/L	2/22/2011	ND	
MW-53	d	1,2-Dichloropropane	78-87-5	ug/L	2/22/2011	ND	
MW-55	d	1,2-Dichloropropane	78-87-5	ug/L	2/22/2011	ND	
GU-3A	d	1,2-Dichloropropane	78-87-5	ug/L	3/2/2011	ND	
MW-21	d	1,2-Dichloropropane	78-87-5	ug/L	3/2/2011	ND	
MW-21	d	1,2-Dichloropropane	78-87-5	ug/L	3/2/2011	ND	
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	4/21/2011		2.01
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	4/21/2011	ND	
MW-31R	d	1,2-Dichloropropane	78-87-5	ug/L	4/21/2011	ND	
MW-31R	d	1,2-Dichloropropane	78-87-5	ug/L	4/21/2011	ND	
MW-32R	d	1,2-Dichloropropane	78-87-5	ug/L	4/21/2011	ND	
MW-54	d	1,2-Dichloropropane	78-87-5	ug/L	5/31/2011	ND	
MW-56	d	1,2-Dichloropropane	78-87-5	ug/L	5/31/2011	ND	
MW-57	d	1,2-Dichloropropane	78-87-5	ug/L	5/31/2011	ND	
MW-58	d	1,2-Dichloropropane	78-87-5	ug/L	5/31/2011	ND	
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	6/7/2011	ND	
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	6/7/2011	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	6/7/2011	ND	
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	6/7/2011	ND	
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	6/7/2011	ND	
MW-39	d	1,2-Dichloropropane	78-87-5	ug/L	6/7/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	1,2-Dichloropropane	78-87-5	ug/L	6/7/2011	ND	
MW-52	d	1,2-Dichloropropane	78-87-5	ug/L	7/22/2011	ND	
MW-56	d	1,2-Dichloropropane	78-87-5	ug/L	7/22/2011	ND	
MW-58	d	1,2-Dichloropropane	78-87-5	ug/L	7/22/2011	ND	
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	8/29/2011	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	8/29/2011	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	8/29/2011	ND	
MW-32R	d	1,2-Dichloropropane	78-87-5	ug/L	8/29/2011	ND	
GU-3A	d	1,2-Dichloropropane	78-87-5	ug/L	9/9/2011	ND	
MW-22R	d	1,2-Dichloropropane	78-87-5	ug/L	9/9/2011	ND	
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	9/9/2011	ND	
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	9/9/2011		1.59
MW-51	d	1,2-Dichloropropane	78-87-5	ug/L	9/9/2011	ND	
MW-53	d	1,2-Dichloropropane	78-87-5	ug/L	9/9/2011	ND	
MW-53	d	1,2-Dichloropropane	78-87-5	ug/L	9/9/2011	ND	
MW-21	d	1,2-Dichloropropane	78-87-5	ug/L	10/4/2011	ND	
MW-50	d	1,2-Dichloropropane	78-87-5	ug/L	10/4/2011	ND	
MW-50	d	1,2-Dichloropropane	78-87-5	ug/L	10/4/2011	ND	
MW-54	d	1,2-Dichloropropane	78-87-5	ug/L	10/4/2011	ND	
MW-57	d	1,2-Dichloropropane	78-87-5	ug/L	10/4/2011	ND	
MW-20	d	1,2-Dichloropropane	78-87-5	ug/L	11/29/2011	ND	
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	11/29/2011	ND	
MW-52	d	1,2-Dichloropropane	78-87-5	ug/L	11/29/2011	ND	
MW-55	d	1,2-Dichloropropane	78-87-5	ug/L	11/29/2011	ND	
MW-31R	d	1,2-Dichloropropane	78-87-5	ug/L	12/16/2011	ND	
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	12/16/2011	ND	
MW-39	d	1,2-Dichloropropane	78-87-5	ug/L	12/16/2011	ND	
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	3/8/2012	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	3/8/2012	ND	
MW-20	d	1,2-Dichloropropane	78-87-5	ug/L	3/8/2012	ND	
MW-21	d	1,2-Dichloropropane	78-87-5	ug/L	3/8/2012	ND	
MW-22R	d	1,2-Dichloropropane	78-87-5	ug/L	3/8/2012	ND	
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	3/8/2012	ND	
MW-39	d	1,2-Dichloropropane	78-87-5	ug/L	3/8/2012	ND	
MW-55	d	1,2-Dichloropropane	78-87-5	ug/L	3/8/2012	ND	
MW-56	d	1,2-Dichloropropane	78-87-5	ug/L	3/8/2012	ND	
MW-57	d	1,2-Dichloropropane	78-87-5	ug/L	3/8/2012	ND	
MW-58	d	1,2-Dichloropropane	78-87-5	ug/L	3/8/2012	ND	
GU-3A	d	1,2-Dichloropropane	78-87-5	ug/L	6/13/2012	ND	
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	6/13/2012		1.69
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	6/13/2012	ND	
MW-31R	d	1,2-Dichloropropane	78-87-5	ug/L	6/13/2012	ND	
MW-32R	d	1,2-Dichloropropane	78-87-5	ug/L	6/13/2012	ND	
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	6/13/2012	ND	
MW-50	d	1,2-Dichloropropane	78-87-5	ug/L	6/13/2012	ND	
MW-50	d	1,2-Dichloropropane	78-87-5	ug/L	6/13/2012	ND	
MW-51	d	1,2-Dichloropropane	78-87-5	ug/L	6/13/2012	ND	
MW-52	d	1,2-Dichloropropane	78-87-5	ug/L	6/13/2012	ND	
MW-53	d	1,2-Dichloropropane	78-87-5	ug/L	6/13/2012	ND	
MW-54	d	1,2-Dichloropropane	78-87-5	ug/L	6/13/2012	ND	
GU-3A	d	1,2-Dichloropropane	78-87-5	ug/L	9/4/2012	ND	
MW-20	d	1,2-Dichloropropane	78-87-5	ug/L	9/4/2012	ND	
MW-21	d	1,2-Dichloropropane	78-87-5	ug/L	9/4/2012	ND	
MW-22R	d	1,2-Dichloropropane	78-87-5	ug/L	9/4/2012	ND	
MW-50	d	1,2-Dichloropropane	78-87-5	ug/L	9/4/2012	ND	
MW-51	d	1,2-Dichloropropane	78-87-5	ug/L	9/4/2012	ND	
MW-52	d	1,2-Dichloropropane	78-87-5	ug/L	9/4/2012	ND	
MW-53	d	1,2-Dichloropropane	78-87-5	ug/L	9/4/2012	ND	
MW-54	d	1,2-Dichloropropane	78-87-5	ug/L	9/4/2012	ND	
MW-54	d	1,2-Dichloropropane	78-87-5	ug/L	9/4/2012	ND	
MW-57	d	1,2-Dichloropropane	78-87-5	ug/L	9/4/2012	ND	
MW-58	d	1,2-Dichloropropane	78-87-5	ug/L	9/4/2012	ND	
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	12/19/2012	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	12/19/2012	ND	
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	12/19/2012	ND	
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	12/19/2012		1.76
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	12/19/2012	ND	
MW-31R	d	1,2-Dichloropropane	78-87-5	ug/L	12/19/2012	ND	
MW-32R	d	1,2-Dichloropropane	78-87-5	ug/L	12/19/2012	ND	
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	12/19/2012	ND	
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	12/19/2012	ND	
MW-39	d	1,2-Dichloropropane	78-87-5	ug/L	12/19/2012	ND	
MW-55	d	1,2-Dichloropropane	78-87-5	ug/L	12/19/2012	ND	
MW-56	d	1,2-Dichloropropane	78-87-5	ug/L	12/19/2012	ND	
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	3/11/2013	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	3/11/2013	ND	
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	3/11/2013	ND	
MW-39	d	1,2-Dichloropropane	78-87-5	ug/L	3/11/2013	ND	
MW-50	d	1,2-Dichloropropane	78-87-5	ug/L	3/11/2013	ND	
MW-50	d	1,2-Dichloropropane	78-87-5	ug/L	3/11/2013	ND	
MW-51	d	1,2-Dichloropropane	78-87-5	ug/L	3/11/2013	ND	
MW-52	d	1,2-Dichloropropane	78-87-5	ug/L	3/11/2013	ND	
MW-53	d	1,2-Dichloropropane	78-87-5	ug/L	3/11/2013	ND	
MW-54	d	1,2-Dichloropropane	78-87-5	ug/L	3/11/2013	ND	
MW-55	d	1,2-Dichloropropane	78-87-5	ug/L	3/11/2013	ND	
MW-56	d	1,2-Dichloropropane	78-87-5	ug/L	3/11/2013	ND	
MW-20	d	1,2-Dichloropropane	78-87-5	ug/L	6/10/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-20	d	1,2-Dichloropropane	78-87-5	ug/L	6/10/2013	ND	
MW-21	d	1,2-Dichloropropane	78-87-5	ug/L	6/10/2013	ND	
MW-22R	d	1,2-Dichloropropane	78-87-5	ug/L	6/10/2013	ND	
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	6/10/2013		1.25
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	6/10/2013	ND	
MW-31R	d	1,2-Dichloropropane	78-87-5	ug/L	6/10/2013	ND	
MW-32R	d	1,2-Dichloropropane	78-87-5	ug/L	6/10/2013	ND	
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	6/10/2013	ND	
MW-57	d	1,2-Dichloropropane	78-87-5	ug/L	6/10/2013	ND	
MW-58	d	1,2-Dichloropropane	78-87-5	ug/L	6/10/2013	ND	
GU-3A	d	1,2-Dichloropropane	78-87-5	ug/L	9/10/2013	ND	
MW-31R	d	1,2-Dichloropropane	78-87-5	ug/L	9/10/2013	ND	
MW-31R	d	1,2-Dichloropropane	78-87-5	ug/L	9/10/2013	ND	
MW-32R	d	1,2-Dichloropropane	78-87-5	ug/L	9/10/2013	ND	
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	9/10/2013	ND	
MW-50	d	1,2-Dichloropropane	78-87-5	ug/L	9/10/2013	ND	
MW-51	d	1,2-Dichloropropane	78-87-5	ug/L	9/10/2013	ND	
MW-52	d	1,2-Dichloropropane	78-87-5	ug/L	9/10/2013	ND	
MW-53	d	1,2-Dichloropropane	78-87-5	ug/L	9/10/2013	ND	
MW-54	d	1,2-Dichloropropane	78-87-5	ug/L	9/10/2013	ND	
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	12/18/2013	ND	
MW-18	d	1,2-Dichloropropane	78-87-5	ug/L	12/18/2013	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	12/18/2013	ND	
MW-20	d	1,2-Dichloropropane	78-87-5	ug/L	12/18/2013	ND	
MW-21	d	1,2-Dichloropropane	78-87-5	ug/L	12/18/2013	ND	
MW-22R	d	1,2-Dichloropropane	78-87-5	ug/L	12/18/2013	ND	
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	12/18/2013	ND	
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	12/18/2013	ND	
MW-39	d	1,2-Dichloropropane	78-87-5	ug/L	12/18/2013	ND	
MW-39	d	1,2-Dichloropropane	78-87-5	ug/L	12/18/2013	ND	
MW-55	d	1,2-Dichloropropane	78-87-5	ug/L	12/18/2013	ND	
MW-18	d	1,2-Dichloropropane	78-87-5	ug/L	3/20/2014	ND	
MW-20	d	1,2-Dichloropropane	78-87-5	ug/L	3/20/2014	ND	
MW-21	d	1,2-Dichloropropane	78-87-5	ug/L	3/20/2014	ND	
MW-21	d	1,2-Dichloropropane	78-87-5	ug/L	3/20/2014	ND	
MW-22R	d	1,2-Dichloropropane	78-87-5	ug/L	3/20/2014	ND	
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	3/20/2014	ND	
MW-31R	d	1,2-Dichloropropane	78-87-5	ug/L	3/20/2014	ND	
MW-32R	d	1,2-Dichloropropane	78-87-5	ug/L	3/20/2014	ND	
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	3/20/2014	ND	
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	6/24/2014	ND	
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	6/24/2014	ND	
MW-18	d	1,2-Dichloropropane	78-87-5	ug/L	6/24/2014	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	6/24/2014	ND	
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	6/24/2014	ND	
MW-39	d	1,2-Dichloropropane	78-87-5	ug/L	6/24/2014	ND	
MW-50	d	1,2-Dichloropropane	78-87-5	ug/L	6/24/2014	ND	
MW-51	d	1,2-Dichloropropane	78-87-5	ug/L	6/24/2014	ND	
MW-52	d	1,2-Dichloropropane	78-87-5	ug/L	6/24/2014	ND	
MW-53	d	1,2-Dichloropropane	78-87-5	ug/L	6/24/2014	ND	
MW-54	d	1,2-Dichloropropane	78-87-5	ug/L	6/24/2014	ND	
MW-55	d	1,2-Dichloropropane	78-87-5	ug/L	6/24/2014	ND	
MW-58	d	1,2-Dichloropropane	78-87-5	ug/L	6/24/2014	ND	
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	7/24/2014		1.44
MW-56	d	1,2-Dichloropropane	78-87-5	ug/L	7/24/2014	ND	
MW-57	d	1,2-Dichloropropane	78-87-5	ug/L	7/24/2014	ND	
GU-3A	d	1,2-Dichloropropane	78-87-5	ug/L	9/24/2014	ND	
MW-18	d	1,2-Dichloropropane	78-87-5	ug/L	9/24/2014	ND	
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	9/24/2014		1.03
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	9/24/2014	ND	
MW-31R	d	1,2-Dichloropropane	78-87-5	ug/L	9/24/2014	ND	
MW-31R	d	1,2-Dichloropropane	78-87-5	ug/L	9/24/2014	ND	
MW-32R	d	1,2-Dichloropropane	78-87-5	ug/L	9/24/2014	ND	
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	9/24/2014	ND	
MW-50	d	1,2-Dichloropropane	78-87-5	ug/L	9/24/2014	ND	
MW-51	d	1,2-Dichloropropane	78-87-5	ug/L	9/24/2014	ND	
MW-52	d	1,2-Dichloropropane	78-87-5	ug/L	9/24/2014	ND	
MW-53	d	1,2-Dichloropropane	78-87-5	ug/L	9/24/2014	ND	
MW-54	d	1,2-Dichloropropane	78-87-5	ug/L	9/24/2014	ND	
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	12/4/2014	ND	
MW-18	d	1,2-Dichloropropane	78-87-5	ug/L	12/4/2014	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	12/4/2014	ND	
MW-20	d	1,2-Dichloropropane	78-87-5	ug/L	12/4/2014	ND	
MW-21	d	1,2-Dichloropropane	78-87-5	ug/L	12/4/2014	ND	
MW-22R	d	1,2-Dichloropropane	78-87-5	ug/L	12/4/2014	ND	
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	12/4/2014	ND	
MW-39	d	1,2-Dichloropropane	78-87-5	ug/L	12/4/2014	ND	
MW-56	d	1,2-Dichloropropane	78-87-5	ug/L	12/4/2014	ND	
MW-57	d	1,2-Dichloropropane	78-87-5	ug/L	12/4/2014	ND	
MW-57	d	1,2-Dichloropropane	78-87-5	ug/L	12/4/2014	ND	
MW-58	d	1,2-Dichloropropane	78-87-5	ug/L	12/4/2014	ND	
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	3/11/2015	ND	
MW-18	d	1,2-Dichloropropane	78-87-5	ug/L	3/11/2015	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	3/11/2015	ND	
MW-20	d	1,2-Dichloropropane	78-87-5	ug/L	3/11/2015	ND	
MW-21	d	1,2-Dichloropropane	78-87-5	ug/L	3/11/2015	ND	
MW-22R	d	1,2-Dichloropropane	78-87-5	ug/L	3/11/2015	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	3/11/2015	ND	
MW-39	d	1,2-Dichloropropane	78-87-5	ug/L	3/11/2015	ND	
MW-55	d	1,2-Dichloropropane	78-87-5	ug/L	3/11/2015	ND	
MW-56	d	1,2-Dichloropropane	78-87-5	ug/L	3/11/2015	ND	
MW-57	d	1,2-Dichloropropane	78-87-5	ug/L	3/11/2015	ND	
MW-58	d	1,2-Dichloropropane	78-87-5	ug/L	3/11/2015	ND	
MW-58	d	1,2-Dichloropropane	78-87-5	ug/L	3/11/2015	ND	
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	6/29/2015	J	0.942
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	6/29/2015	ND	
MW-31R	d	1,2-Dichloropropane	78-87-5	ug/L	6/29/2015	ND	
MW-31R	d	1,2-Dichloropropane	78-87-5	ug/L	6/29/2015	ND	
MW-32R	d	1,2-Dichloropropane	78-87-5	ug/L	6/29/2015	ND	
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	6/29/2015	ND	
MW-50	d	1,2-Dichloropropane	78-87-5	ug/L	6/29/2015	ND	
MW-51	d	1,2-Dichloropropane	78-87-5	ug/L	6/29/2015	ND	
MW-52	d	1,2-Dichloropropane	78-87-5	ug/L	6/29/2015	ND	
MW-53	d	1,2-Dichloropropane	78-87-5	ug/L	6/29/2015	ND	
MW-54	d	1,2-Dichloropropane	78-87-5	ug/L	6/29/2015	ND	
GU-3A	d	1,2-Dichloropropane	78-87-5	ug/L	9/22/2015	ND	
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	2/15/2016	ND	
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	2/15/2016	ND	
MW-18	d	1,2-Dichloropropane	78-87-5	ug/L	2/15/2016	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	2/15/2016	ND	
MW-39	d	1,2-Dichloropropane	78-87-5	ug/L	2/15/2016	ND	
MW-20	d	1,2-Dichloropropane	78-87-5	ug/L	2/16/2016	ND	
MW-21	d	1,2-Dichloropropane	78-87-5	ug/L	2/16/2016	ND	
MW-55	d	1,2-Dichloropropane	78-87-5	ug/L	2/16/2016	ND	
MW-56	d	1,2-Dichloropropane	78-87-5	ug/L	2/16/2016	ND	
MW-57	d	1,2-Dichloropropane	78-87-5	ug/L	2/16/2016	ND	
MW-58	d	1,2-Dichloropropane	78-87-5	ug/L	2/16/2016	ND	
MW-22R	d	1,2-Dichloropropane	78-87-5	ug/L	2/17/2016	ND	
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	8/25/2016	ND	
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	8/25/2016		1.02
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	8/25/2016	ND	
MW-31R	d	1,2-Dichloropropane	78-87-5	ug/L	8/25/2016	ND	
MW-32R	d	1,2-Dichloropropane	78-87-5	ug/L	8/25/2016	ND	
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	8/25/2016	ND	
MW-50	d	1,2-Dichloropropane	78-87-5	ug/L	8/25/2016	ND	
MW-51	d	1,2-Dichloropropane	78-87-5	ug/L	8/25/2016	ND	
MW-52	d	1,2-Dichloropropane	78-87-5	ug/L	8/25/2016	ND	
MW-53	d	1,2-Dichloropropane	78-87-5	ug/L	8/25/2016	ND	
MW-54	d	1,2-Dichloropropane	78-87-5	ug/L	8/25/2016	ND	
GU-3A	d	1,2-Dichloropropane	78-87-5	ug/L	8/26/2016	ND	
MW-18	d	1,2-Dichloropropane	78-87-5	ug/L	1/17/2017	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	1/17/2017	ND	
MW-22R	d	1,2-Dichloropropane	78-87-5	ug/L	1/17/2017	ND	
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	1/17/2017	ND	
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	1/17/2017	ND	
MW-39	d	1,2-Dichloropropane	78-87-5	ug/L	1/17/2017	ND	
MW-50	d	1,2-Dichloropropane	78-87-5	ug/L	1/17/2017	ND	
MW-51	d	1,2-Dichloropropane	78-87-5	ug/L	1/17/2017	ND	
MW-53	d	1,2-Dichloropropane	78-87-5	ug/L	1/17/2017	ND	
MW-54	d	1,2-Dichloropropane	78-87-5	ug/L	1/17/2017	ND	
MW-56	d	1,2-Dichloropropane	78-87-5	ug/L	1/17/2017	ND	
GU-3A	d	1,2-Dichloropropane	78-87-5	ug/L	7/10/2017	ND	
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	7/10/2017	ND	
MW-20	d	1,2-Dichloropropane	78-87-5	ug/L	7/10/2017	ND	
MW-21	d	1,2-Dichloropropane	78-87-5	ug/L	7/10/2017	ND	
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	7/10/2017		1.13
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	7/10/2017	ND	
MW-31R	d	1,2-Dichloropropane	78-87-5	ug/L	7/10/2017	ND	
MW-32R	d	1,2-Dichloropropane	78-87-5	ug/L	7/10/2017	ND	
MW-32R	d	1,2-Dichloropropane	78-87-5	ug/L	7/10/2017	ND	
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	7/10/2017	ND	
MW-57	d	1,2-Dichloropropane	78-87-5	ug/L	7/10/2017	ND	
MW-58	d	1,2-Dichloropropane	78-87-5	ug/L	7/10/2017	ND	
MW-52	d	1,2-Dichloropropane	78-87-5	ug/L	10/17/2017	ND	
MW-55	d	1,2-Dichloropropane	78-87-5	ug/L	10/17/2017	ND	
GU-3A	d	1,2-Dichloropropane	78-87-5	ug/L	4/3/2018	ND	
GU-3A	d	1,2-Dichloropropane	78-87-5	ug/L	4/3/2018	ND	
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	4/3/2018	ND	
MW-20	d	1,2-Dichloropropane	78-87-5	ug/L	4/3/2018	ND	
MW-21	d	1,2-Dichloropropane	78-87-5	ug/L	4/3/2018	ND	
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	4/3/2018		1.09
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	4/3/2018	ND	
MW-31R	d	1,2-Dichloropropane	78-87-5	ug/L	4/3/2018	ND	
MW-32R	d	1,2-Dichloropropane	78-87-5	ug/L	4/3/2018	ND	
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	4/3/2018	ND	
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	4/3/2018	ND	
MW-57	d	1,2-Dichloropropane	78-87-5	ug/L	4/3/2018	ND	
MW-58	d	1,2-Dichloropropane	78-87-5	ug/L	4/3/2018	ND	
MW-39	d	1,2-Dichloropropane	78-87-5	ug/L	11/1/2018	ND	
MW-50	d	1,2-Dichloropropane	78-87-5	ug/L	11/1/2018	ND	
MW-51	d	1,2-Dichloropropane	78-87-5	ug/L	11/1/2018	J	0.559
MW-52	d	1,2-Dichloropropane	78-87-5	ug/L	11/1/2018	ND	
MW-53	d	1,2-Dichloropropane	78-87-5	ug/L	11/1/2018	ND	
MW-54	d	1,2-Dichloropropane	78-87-5	ug/L	11/1/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-55	d	1,2-Dichloropropane	78-87-5	ug/L	11/1/2018	ND	
MW-18	d	1,2-Dichloropropane	78-87-5	ug/L	11/2/2018	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	11/2/2018	ND	
MW-22R	d	1,2-Dichloropropane	78-87-5	ug/L	11/2/2018	ND	
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	11/2/2018	ND	
MW-56	d	1,2-Dichloropropane	78-87-5	ug/L	11/2/2018	NDH	
MW-18	d	1,2-Dichloropropane	78-87-5	ug/L	5/16/2019	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	5/16/2019	ND	
MW-23	u	1,2-Dichloropropane	78-87-5	ug/L	5/16/2019	ND	
MW-24R	u	1,2-Dichloropropane	78-87-5	ug/L	5/16/2019	ND	
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	5/16/2019	ND	
MW-55	d	1,2-Dichloropropane	78-87-5	ug/L	5/16/2019	ND	
MW-50	d	1,2-Dichloropropane	78-87-5	ug/L	5/20/2019	ND	
MW-51	d	1,2-Dichloropropane	78-87-5	ug/L	5/20/2019	J	0.548
MW-52	d	1,2-Dichloropropane	78-87-5	ug/L	5/20/2019	ND	
MW-54	d	1,2-Dichloropropane	78-87-5	ug/L	5/20/2019	ND	
MW-56	d	1,2-Dichloropropane	78-87-5	ug/L	5/20/2019	ND	
MW-53	d	1,2-Dichloropropane	78-87-5	ug/L	5/21/2019	ND	
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	9/11/2019	ND	
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	9/11/2019		1.06
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	9/11/2019	J	0.289
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	9/11/2019	ND	
MW-58	d	1,2-Dichloropropane	78-87-5	ug/L	9/11/2019	ND	
GU-3A	d	1,2-Dichloropropane	78-87-5	ug/L	3/16/2020	ND	
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	3/16/2020	ND	
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	3/17/2020	ND	
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	3/17/2020	J	0.828
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	3/17/2020	ND	
MW-58	d	1,2-Dichloropropane	78-87-5	ug/L	3/17/2020	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	7/20/2020	ND	
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	7/20/2020	ND	
MW-51	d	1,2-Dichloropropane	78-87-5	ug/L	7/20/2020	J	0.575
MW-55	d	1,2-Dichloropropane	78-87-5	ug/L	7/20/2020	ND	
MW-56	d	1,2-Dichloropropane	78-87-5	ug/L	7/20/2020	ND	
MW-57R	d	1,2-Dichloropropane	78-87-5	ug/L	7/20/2020	ND	
MW-73	d	1,2-Dichloropropane	78-87-5	ug/L	7/20/2020	ND	
MW-18	d	1,2-Dichloropropane	78-87-5	ug/L	7/21/2020	ND	
MW-50	d	1,2-Dichloropropane	78-87-5	ug/L	7/21/2020	ND	
MW-52	d	1,2-Dichloropropane	78-87-5	ug/L	7/21/2020	ND	
MW-53	d	1,2-Dichloropropane	78-87-5	ug/L	7/21/2020	ND	
MW-54	d	1,2-Dichloropropane	78-87-5	ug/L	7/21/2020	ND	
MW-23	u	1,2-Dichloropropane	78-87-5	ug/L	7/22/2020	ND	
MW-24R	u	1,2-Dichloropropane	78-87-5	ug/L	7/22/2020	ND	
MW-55	d	1,2-Dichloropropane	78-87-5	ug/L	11/12/2020	ND	
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	8/24/2021		<1.00
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	8/24/2021		<1.00
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	8/25/2021	J	0.952
MW-58	d	1,2-Dichloropropane	78-87-5	ug/L	8/25/2021		<1.00
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	8/25/2021		<1.00
MW-68	d	1,2-Dichloropropane	78-87-5	ug/L	8/25/2021		<1.00
MW-69	d	1,2-Dichloropropane	78-87-5	ug/L	8/25/2021	J	0.408
MW-70	d	1,2-Dichloropropane	78-87-5	ug/L	8/26/2021		<1.00
MW-57R	d	1,2-Dichloropropane	78-87-5	ug/L	8/26/2021		<1.00
PZ-13	d	1,2-Dichloropropane	78-87-5	ug/L	8/27/2021		<1.00
MW-73	d	1,2-Dichloropropane	78-87-5	ug/L	8/27/2021		<1.00
GU-3A	d	1,2-Dichloropropane	78-87-5	ug/L	9/8/2021		<1.00
MW-24R	u	1,2-Dichloropropane	78-87-5	ug/L	12/7/2021		<1.00
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	12/7/2021		<1.00
MW-57R	d	1,2-Dichloropropane	78-87-5	ug/L	12/7/2021		<1.00
MW-73	d	1,2-Dichloropropane	78-87-5	ug/L	12/7/2021		<1.00
MW-56	d	1,2-Dichloropropane	78-87-5	ug/L	12/7/2021		<1.00
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	12/7/2021		<1.00
MW-18	d	1,2-Dichloropropane	78-87-5	ug/L	12/7/2021		<1.00
MW-55	d	1,2-Dichloropropane	78-87-5	ug/L	12/7/2021		<1.00
MW-50	d	1,2-Dichloropropane	78-87-5	ug/L	12/7/2021		<1.00
MW-23	u	1,2-Dichloropropane	78-87-5	ug/L	12/8/2021		<1.00
MW-39	d	1,2-Dichloropropane	78-87-5	ug/L	12/8/2021		<1.00
MW-51	d	1,2-Dichloropropane	78-87-5	ug/L	12/8/2021	J	0.512
MW-52	d	1,2-Dichloropropane	78-87-5	ug/L	12/8/2021		<1.00
MW-53	d	1,2-Dichloropropane	78-87-5	ug/L	12/8/2021		<1.00
MW-54	d	1,2-Dichloropropane	78-87-5	ug/L	12/8/2021		<1.00
MW-39	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	3/11/2013	ND	
MW-31R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/10/2013	ND	
MW-32R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/10/2013	ND	
MW-18	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	12/18/2013	ND	
MW-20	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	12/18/2013	ND	
MW-21	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	12/18/2013	ND	
MW-22R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	12/18/2013	ND	
MW-30R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	12/18/2013	ND	
MW-18	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	6/24/2014	ND	
MW-29	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	7/24/2014	ND	
MW-57	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	7/24/2014	ND	
MW-58	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	7/24/2014	ND	
MW-33R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/24/2014	ND	
MW-50	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/24/2014	ND	
MW-51	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/24/2014	ND	
MW-52	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-53	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/24/2014	ND	
MW-54	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/24/2014	ND	
MW-14R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	12/4/2014	ND	
MW-19	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	12/4/2014	ND	
MW-28	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	12/4/2014	ND	
MW-56	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	12/4/2014	ND	
MW-55	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	3/11/2015	ND	
MW-20	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	4/3/2018	ND	
MW-21	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	4/3/2018	ND	
MW-30R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	4/3/2018	ND	
MW-31R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	4/3/2018	ND	
MW-32R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	4/3/2018	ND	
MW-39	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	11/1/2018	ND	
MW-22R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	11/2/2018	ND	
MW-18	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	5/16/2019	ND	
MW-19	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	5/16/2019	ND	
MW-28	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	5/16/2019	ND	
MW-50	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	5/20/2019	ND	
MW-51	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	5/20/2019	ND	
MW-52	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	5/20/2019	ND	
MW-53	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	5/20/2019	ND	
MW-54	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	5/20/2019	ND	
MW-56	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	5/20/2019	ND	
MW-14R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/11/2019	ND	
MW-29	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/11/2019	ND	
MW-33R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/11/2019	ND	
MW-58	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/11/2019	ND	
MW-55	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	11/12/2020	ND	
MW-39	d	1,3-Dichlorobenzene	541-73-1	ug/L	3/11/2013	ND	
MW-31R	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/10/2013	ND	
MW-32R	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/10/2013	ND	
MW-18	d	1,3-Dichlorobenzene	541-73-1	ug/L	12/18/2013	ND	
MW-20	d	1,3-Dichlorobenzene	541-73-1	ug/L	12/18/2013	ND	
MW-21	d	1,3-Dichlorobenzene	541-73-1	ug/L	12/18/2013	ND	
MW-22R	d	1,3-Dichlorobenzene	541-73-1	ug/L	12/18/2013	ND	
MW-30R	d	1,3-Dichlorobenzene	541-73-1	ug/L	12/18/2013	ND	
MW-18	d	1,3-Dichlorobenzene	541-73-1	ug/L	6/24/2014	ND	
MW-29	d	1,3-Dichlorobenzene	541-73-1	ug/L	7/24/2014	ND	
MW-57	d	1,3-Dichlorobenzene	541-73-1	ug/L	7/24/2014	ND	
MW-58	d	1,3-Dichlorobenzene	541-73-1	ug/L	7/24/2014	ND	
MW-33R	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/24/2014	ND	
MW-50	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/24/2014	ND	
MW-51	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/24/2014	ND	
MW-52	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/24/2014	ND	
MW-53	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/24/2014	ND	
MW-54	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/24/2014	ND	
MW-14R	d	1,3-Dichlorobenzene	541-73-1	ug/L	12/4/2014	ND	
MW-19	d	1,3-Dichlorobenzene	541-73-1	ug/L	12/4/2014	ND	
MW-28	d	1,3-Dichlorobenzene	541-73-1	ug/L	12/4/2014	ND	
MW-56	d	1,3-Dichlorobenzene	541-73-1	ug/L	12/4/2014	ND	
MW-55	d	1,3-Dichlorobenzene	541-73-1	ug/L	3/11/2015	ND	
MW-20	d	1,3-Dichlorobenzene	541-73-1	ug/L	4/3/2018	ND	
MW-21	d	1,3-Dichlorobenzene	541-73-1	ug/L	4/3/2018	ND	
MW-30R	d	1,3-Dichlorobenzene	541-73-1	ug/L	4/3/2018	ND	
MW-31R	d	1,3-Dichlorobenzene	541-73-1	ug/L	4/3/2018	ND	
MW-32R	d	1,3-Dichlorobenzene	541-73-1	ug/L	4/3/2018	ND	
MW-39	d	1,3-Dichlorobenzene	541-73-1	ug/L	11/1/2018	ND	
MW-22R	d	1,3-Dichlorobenzene	541-73-1	ug/L	11/2/2018	ND	
MW-18	d	1,3-Dichlorobenzene	541-73-1	ug/L	5/16/2019	ND	
MW-19	d	1,3-Dichlorobenzene	541-73-1	ug/L	5/16/2019	ND	
MW-28	d	1,3-Dichlorobenzene	541-73-1	ug/L	5/16/2019	ND	
MW-50	d	1,3-Dichlorobenzene	541-73-1	ug/L	5/20/2019	ND	
MW-51	d	1,3-Dichlorobenzene	541-73-1	ug/L	5/20/2019	ND	
MW-52	d	1,3-Dichlorobenzene	541-73-1	ug/L	5/20/2019	ND	
MW-54	d	1,3-Dichlorobenzene	541-73-1	ug/L	5/20/2019	ND	
MW-56	d	1,3-Dichlorobenzene	541-73-1	ug/L	5/20/2019	ND	
MW-53	d	1,3-Dichlorobenzene	541-73-1	ug/L	5/21/2019	ND	
MW-14R	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/11/2019	ND	
MW-29	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/11/2019	ND	
MW-30R	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/11/2019	ND	
MW-33R	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/11/2019	ND	
MW-58	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/11/2019	ND	
MW-55	d	1,3-Dichlorobenzene	541-73-1	ug/L	11/12/2020	ND	
MW-39	d	1,3-Dichloropropane	142-28-9	ug/L	3/11/2013	ND	
MW-31R	d	1,3-Dichloropropane	142-28-9	ug/L	9/10/2013	ND	
MW-32R	d	1,3-Dichloropropane	142-28-9	ug/L	9/10/2013	ND	
MW-18	d	1,3-Dichloropropane	142-28-9	ug/L	12/18/2013	ND	
MW-20	d	1,3-Dichloropropane	142-28-9	ug/L	12/18/2013	ND	
MW-21	d	1,3-Dichloropropane	142-28-9	ug/L	12/18/2013	ND	
MW-22R	d	1,3-Dichloropropane	142-28-9	ug/L	12/18/2013	ND	
MW-30R	d	1,3-Dichloropropane	142-28-9	ug/L	12/18/2013	ND	
MW-18	d	1,3-Dichloropropane	142-28-9	ug/L	6/24/2014	ND	
MW-29	d	1,3-Dichloropropane	142-28-9	ug/L	7/24/2014	ND	
MW-57	d	1,3-Dichloropropane	142-28-9	ug/L	7/24/2014	ND	
MW-58	d	1,3-Dichloropropane	142-28-9	ug/L	7/24/2014	ND	
MW-33R	d	1,3-Dichloropropane	142-28-9	ug/L	9/24/2014	ND	
MW-50	d	1,3-Dichloropropane	142-28-9	ug/L	9/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-51	d	1,3-Dichloropropane	142-28-9	ug/L	9/24/2014	ND	
MW-52	d	1,3-Dichloropropane	142-28-9	ug/L	9/24/2014	ND	
MW-53	d	1,3-Dichloropropane	142-28-9	ug/L	9/24/2014	ND	
MW-54	d	1,3-Dichloropropane	142-28-9	ug/L	9/24/2014	ND	
MW-14R	d	1,3-Dichloropropane	142-28-9	ug/L	12/4/2014	ND	
MW-19	d	1,3-Dichloropropane	142-28-9	ug/L	12/4/2014	ND	
MW-28	d	1,3-Dichloropropane	142-28-9	ug/L	12/4/2014	ND	
MW-56	d	1,3-Dichloropropane	142-28-9	ug/L	12/4/2014	ND	
MW-55	d	1,3-Dichloropropane	142-28-9	ug/L	3/11/2015	ND	
MW-20	d	1,3-Dichloropropane	142-28-9	ug/L	4/3/2018	ND	
MW-21	d	1,3-Dichloropropane	142-28-9	ug/L	4/3/2018	ND	
MW-30R	d	1,3-Dichloropropane	142-28-9	ug/L	4/3/2018	ND	
MW-31R	d	1,3-Dichloropropane	142-28-9	ug/L	4/3/2018	ND	
MW-32R	d	1,3-Dichloropropane	142-28-9	ug/L	4/3/2018	ND	
MW-39	d	1,3-Dichloropropane	142-28-9	ug/L	11/1/2018	ND	
MW-22R	d	1,3-Dichloropropane	142-28-9	ug/L	11/2/2018	ND	
MW-18	d	1,3-Dichloropropane	142-28-9	ug/L	5/16/2019	ND	
MW-19	d	1,3-Dichloropropane	142-28-9	ug/L	5/16/2019	ND	
MW-28	d	1,3-Dichloropropane	142-28-9	ug/L	5/16/2019	ND	
MW-50	d	1,3-Dichloropropane	142-28-9	ug/L	5/20/2019	ND	
MW-51	d	1,3-Dichloropropane	142-28-9	ug/L	5/20/2019	ND	
MW-52	d	1,3-Dichloropropane	142-28-9	ug/L	5/20/2019	ND	
MW-54	d	1,3-Dichloropropane	142-28-9	ug/L	5/20/2019	ND	
MW-56	d	1,3-Dichloropropane	142-28-9	ug/L	5/20/2019	ND	
MW-53	d	1,3-Dichloropropane	142-28-9	ug/L	5/21/2019	ND	
MW-14R	d	1,3-Dichloropropane	142-28-9	ug/L	9/11/2019	ND	
MW-29	d	1,3-Dichloropropane	142-28-9	ug/L	9/11/2019	ND	
MW-30R	d	1,3-Dichloropropane	142-28-9	ug/L	9/11/2019	ND	
MW-33R	d	1,3-Dichloropropane	142-28-9	ug/L	9/11/2019	ND	
MW-58	d	1,3-Dichloropropane	142-28-9	ug/L	9/11/2019	ND	
MW-55	d	1,3-Dichloropropane	142-28-9	ug/L	11/12/2020	ND	
MW-39	d	1,3-Dinitrobenzene	99-65-0	ug/L	3/11/2013	ND	
MW-31R	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/10/2013	ND	
MW-32R	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/10/2013	ND	
MW-18	d	1,3-Dinitrobenzene	99-65-0	ug/L	12/18/2013	ND	
MW-20	d	1,3-Dinitrobenzene	99-65-0	ug/L	12/18/2013	ND	
MW-21	d	1,3-Dinitrobenzene	99-65-0	ug/L	12/18/2013	ND	
MW-22R	d	1,3-Dinitrobenzene	99-65-0	ug/L	12/18/2013	ND	
MW-30R	d	1,3-Dinitrobenzene	99-65-0	ug/L	12/18/2013	ND	
MW-18	d	1,3-Dinitrobenzene	99-65-0	ug/L	6/24/2014	ND	
MW-29	d	1,3-Dinitrobenzene	99-65-0	ug/L	7/24/2014	ND	
MW-57	d	1,3-Dinitrobenzene	99-65-0	ug/L	7/24/2014	ND	
MW-58	d	1,3-Dinitrobenzene	99-65-0	ug/L	7/24/2014	ND	
MW-33R	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/24/2014	ND	
MW-50	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/24/2014	ND	
MW-51	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/24/2014	ND	
MW-52	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/24/2014	ND	
MW-53	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/24/2014	ND	
MW-54	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/24/2014	ND	
MW-14R	d	1,3-Dinitrobenzene	99-65-0	ug/L	12/4/2014	ND	
MW-19	d	1,3-Dinitrobenzene	99-65-0	ug/L	12/4/2014	ND	
MW-28	d	1,3-Dinitrobenzene	99-65-0	ug/L	12/4/2014	ND	
MW-56	d	1,3-Dinitrobenzene	99-65-0	ug/L	12/4/2014	ND	
MW-55	d	1,3-Dinitrobenzene	99-65-0	ug/L	3/11/2015	ND	
MW-20	d	1,3-Dinitrobenzene	99-65-0	ug/L	4/3/2018	ND	
MW-21	d	1,3-Dinitrobenzene	99-65-0	ug/L	4/3/2018	ND	
MW-30R	d	1,3-Dinitrobenzene	99-65-0	ug/L	4/3/2018	ND	
MW-31R	d	1,3-Dinitrobenzene	99-65-0	ug/L	4/3/2018	ND	
MW-32R	d	1,3-Dinitrobenzene	99-65-0	ug/L	4/3/2018	ND	
MW-39	d	1,3-Dinitrobenzene	99-65-0	ug/L	11/1/2018	ND	
MW-22R	d	1,3-Dinitrobenzene	99-65-0	ug/L	11/2/2018	ND	
MW-18	d	1,3-Dinitrobenzene	99-65-0	ug/L	5/16/2019	ND	
MW-19	d	1,3-Dinitrobenzene	99-65-0	ug/L	5/16/2019	ND	
MW-28	d	1,3-Dinitrobenzene	99-65-0	ug/L	5/16/2019	ND	
MW-50	d	1,3-Dinitrobenzene	99-65-0	ug/L	5/20/2019	ND	
MW-51	d	1,3-Dinitrobenzene	99-65-0	ug/L	5/20/2019	ND	
MW-52	d	1,3-Dinitrobenzene	99-65-0	ug/L	5/20/2019	ND	
MW-53	d	1,3-Dinitrobenzene	99-65-0	ug/L	5/20/2019	ND	
MW-54	d	1,3-Dinitrobenzene	99-65-0	ug/L	5/20/2019	ND	
MW-56	d	1,3-Dinitrobenzene	99-65-0	ug/L	5/20/2019	ND	
MW-14R	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/11/2019	ND	
MW-29	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/11/2019	ND	
MW-33R	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/11/2019	ND	
MW-58	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/11/2019	ND	
MW-55	d	1,3-Dinitrobenzene	99-65-0	ug/L	11/12/2020	ND	
MW-51	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/15/2010	ND	
MW-24R	u	1,4-Dichlorobenzene	106-46-7	ug/L	2/11/2010	ND	
MW-53	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/11/2010		1.69
GU-3A	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/24/2010	ND	
MW-20	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/24/2010	ND	
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/24/2010	ND	
MW-22R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/24/2010	ND	
MW-52	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/24/2010	ND	
MW-54	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/24/2010	ND	
MW-55	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/24/2010	ND	
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2010	ND	
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2010	ND	
MW-56	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2010	ND	
MW-57	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2010	ND	
MW-58	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2010	ND	
MW-32R	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/18/2010	ND	
MW-53	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/18/2010		3.15
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/17/2010	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/17/2010	ND	
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/17/2010		8.07
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/17/2010	ND	
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/17/2010	ND	
MW-51	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/17/2010	ND	
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/21/2010	ND	
MW-54	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/21/2010	ND	
MW-20	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/17/2010	ND	
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/17/2010		7.98
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/17/2010	ND	
MW-51	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/17/2010	ND	
GU-3A	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/17/2010		4.5
MW-22R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/17/2010	ND	
MW-55	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/17/2010	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/22/2010	ND	
MW-24R	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/22/2010	ND	
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/22/2010	ND	
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/22/2010	ND	
MW-50	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/22/2010	ND	
MW-53	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/22/2010		2.54
MW-56	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/22/2010	ND	
MW-58	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/22/2010	ND	
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/8/2010	ND	
MW-32R	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/8/2010	ND	
MW-57	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/8/2010	ND	
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/15/2010	ND	
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/15/2010	ND	
MW-52	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/15/2010	ND	
MW-54	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/12/2011	ND	
MW-54	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/12/2011	ND	
MW-20	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/22/2011	ND	
MW-22R	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/22/2011	ND	
MW-51	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/22/2011	ND	
MW-52	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/22/2011	ND	
MW-53	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/22/2011		2.45
MW-55	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/22/2011	ND	
GU-3A	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/2/2011	ND	
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/2/2011	ND	
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/2/2011	ND	
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/21/2011		8.42
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/21/2011	ND	
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/21/2011	ND	
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/21/2011	ND	
MW-32R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/21/2011	ND	
MW-54	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/31/2011	ND	
MW-56	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/31/2011	ND	
MW-57	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/31/2011	ND	
MW-58	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/31/2011	ND	
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/7/2011	ND	
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/7/2011	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/7/2011	ND	
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/7/2011	ND	
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/7/2011	ND	
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/7/2011	ND	
MW-50	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/7/2011	ND	
MW-52	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/22/2011	ND	
MW-56	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/22/2011	ND	
MW-58	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/22/2011	ND	
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/29/2011	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/29/2011	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/29/2011	ND	
MW-32R	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/29/2011	ND	
GU-3A	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/9/2011	ND	
MW-22R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/9/2011	ND	
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/9/2011	ND	
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/9/2011		6.57
MW-51	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/9/2011	ND	
MW-53	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/9/2011		3.12
MW-53	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/9/2011		2.76
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2011	ND	
MW-50	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2011	ND	
MW-50	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2011	ND	
MW-54	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2011	ND	
MW-57	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2011	ND	
MW-20	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/29/2011	ND	
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/29/2011	ND	
MW-52	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/29/2011	ND	
MW-55	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/29/2011	ND	
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/16/2011	ND	
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/16/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/16/2011	ND	
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/8/2012	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/8/2012	ND	
MW-20	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/8/2012	ND	
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/8/2012	ND	
MW-22R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/8/2012	ND	
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/8/2012	ND	
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/8/2012	ND	
MW-55	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/8/2012	ND	
MW-56	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/8/2012	ND	
MW-57	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/8/2012	ND	
MW-58	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/8/2012	ND	
GU-3A	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/13/2012	ND	
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/13/2012		7.45
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/13/2012	ND	
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/13/2012	ND	
MW-32R	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/13/2012	ND	
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/13/2012	ND	
MW-50	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/13/2012	ND	
MW-50	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/13/2012	ND	
MW-51	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/13/2012	ND	
MW-52	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/13/2012	ND	
MW-53	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/13/2012		3.33
MW-54	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/13/2012	ND	
GU-3A	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/4/2012	ND	
MW-20	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/4/2012	ND	
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/4/2012	ND	
MW-22R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/4/2012	ND	
MW-50	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/4/2012	ND	
MW-51	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/4/2012	ND	
MW-52	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/4/2012	ND	
MW-53	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/4/2012		2.84
MW-54	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/4/2012	ND	
MW-54	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/4/2012	ND	
MW-57	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/4/2012	ND	
MW-58	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/4/2012	ND	
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/19/2012	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/19/2012	ND	
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/19/2012	ND	
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/19/2012		6.21
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/19/2012	ND	
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/19/2012	ND	
MW-32R	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/19/2012	ND	
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/19/2012	ND	
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/19/2012	ND	
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/19/2012	ND	
MW-55	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/19/2012	ND	
MW-56	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/19/2012	ND	
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/11/2013	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/11/2013	ND	
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/11/2013	ND	
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/11/2013	ND	
MW-50	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/11/2013	ND	
MW-50	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/11/2013	ND	
MW-51	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/11/2013	ND	
MW-52	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/11/2013	ND	
MW-53	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/11/2013		3.12
MW-54	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/11/2013	ND	
MW-55	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/11/2013	ND	
MW-56	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/11/2013	ND	
MW-20	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/10/2013	ND	
MW-20	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/10/2013	ND	
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/10/2013	ND	
MW-22R	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/10/2013	ND	
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/10/2013		7.32
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/10/2013	ND	
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/10/2013	ND	
MW-32R	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/10/2013	ND	
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/10/2013	ND	
MW-57	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/10/2013	ND	
MW-58	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/10/2013	ND	
GU-3A	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/10/2013	ND	
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/10/2013	ND	
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/10/2013	ND	
MW-32R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/10/2013	ND	
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/10/2013	ND	
MW-50	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/10/2013	ND	
MW-51	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/10/2013	ND	
MW-52	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/10/2013	ND	
MW-53	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/10/2013		2.62
MW-54	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/10/2013	ND	
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/18/2013	ND	
MW-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/18/2013	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/18/2013	ND	
MW-20	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/18/2013	ND	
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/18/2013	ND	
MW-22R	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/18/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/18/2013	ND	
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/18/2013	ND	
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/18/2013	ND	
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/18/2013	ND	
MW-55	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/18/2013	ND	
MW-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/20/2014	ND	
MW-20	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/20/2014	ND	
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/20/2014	ND	
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/20/2014	ND	
MW-22R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/20/2014	ND	
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/20/2014	ND	
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/20/2014	ND	
MW-32R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/20/2014	ND	
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/20/2014	ND	
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/24/2014	ND	
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/24/2014	ND	
MW-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/24/2014	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/24/2014	ND	
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/24/2014	ND	
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/24/2014	ND	
MW-50	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/24/2014	ND	
MW-51	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/24/2014	ND	
MW-52	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/24/2014	ND	
MW-53	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/24/2014		3.28
MW-54	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/24/2014	ND	
MW-55	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/24/2014	ND	
MW-58	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/24/2014	ND	
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/24/2014		6.53
MW-56	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/24/2014	ND	
MW-57	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/24/2014	ND	
GU-3A	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/24/2014	ND	
MW-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/24/2014	ND	
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/24/2014	ND	
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/24/2014	ND	
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/24/2014	ND	
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/24/2014	ND	
MW-32R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/24/2014	ND	
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/24/2014	ND	
MW-50	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/24/2014	ND	
MW-51	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/24/2014	ND	
MW-52	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/24/2014	ND	
MW-53	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/24/2014		2.83
MW-54	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/24/2014	ND	
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/4/2014	ND	
MW-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/4/2014	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/4/2014	ND	
MW-20	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/4/2014	ND	
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/4/2014	ND	
MW-22R	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/4/2014	ND	
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/4/2014	ND	
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/4/2014	ND	
MW-56	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/4/2014	ND	
MW-57	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/4/2014	ND	
MW-57	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/4/2014	ND	
MW-58	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/4/2014	ND	
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/11/2015	ND	
MW-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/11/2015	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/11/2015	ND	
MW-20	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/11/2015	ND	
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/11/2015	ND	
MW-22R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/11/2015	ND	
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/11/2015	ND	
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/11/2015	ND	
MW-55	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/11/2015	ND	
MW-56	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/11/2015	ND	
MW-57	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/11/2015	ND	
MW-58	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/11/2015	ND	
MW-58	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/11/2015	ND	
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/29/2015		5.61
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/29/2015	ND	
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/29/2015	ND	
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/29/2015	ND	
MW-32R	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/29/2015	ND	
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/29/2015	ND	
MW-50	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/29/2015	ND	
MW-51	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/29/2015	ND	
MW-52	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/29/2015	ND	
MW-53	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/29/2015		2.65
MW-54	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/29/2015	ND	
GU-3A	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/22/2015	ND	
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/15/2016	ND	
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/15/2016	ND	
MW-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/15/2016	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/15/2016	ND	
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/15/2016	ND	
MW-20	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/16/2016	ND	
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/16/2016	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-55	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/16/2016	ND	
MW-56	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/16/2016	ND	
MW-57	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/16/2016	ND	
MW-58	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/16/2016	ND	
MW-22R	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/17/2016	ND	
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/25/2016	ND	
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/25/2016		6.27
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/25/2016	ND	
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/25/2016	ND	
MW-32R	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/25/2016	ND	
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/25/2016	ND	
MW-50	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/25/2016	ND	
MW-51	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/25/2016	ND	
MW-52	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/25/2016	ND	
MW-53	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/25/2016		2.7
MW-54	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/25/2016	ND	
GU-3A	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/26/2016	ND	
MW-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/17/2017	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/17/2017	ND	
MW-22R	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/17/2017	ND	
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/17/2017	ND	
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/17/2017	ND	
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/17/2017	ND	
MW-50	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/17/2017	ND	
MW-51	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/17/2017	ND	
MW-53	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/17/2017	ND	
MW-54	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/17/2017	ND	
MW-56	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/17/2017	ND	
GU-3A	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/10/2017	ND	
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/10/2017	ND	
MW-20	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/10/2017	ND	
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/10/2017	ND	
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/10/2017		6.08
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/10/2017	ND	
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/10/2017	ND	
MW-32R	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/10/2017	ND	
MW-32R	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/10/2017	ND	
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/10/2017	ND	
MW-57	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/10/2017	ND	
MW-58	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/10/2017	ND	
MW-52	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/17/2017	ND	
MW-55	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/17/2017	ND	
GU-3A	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/3/2018	ND	
GU-3A	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/3/2018	ND	
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/3/2018	ND	
MW-20	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/3/2018	ND	
MW-21	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/3/2018	ND	
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/3/2018		6.37
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/3/2018	ND	
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/3/2018	ND	
MW-32R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/3/2018	ND	
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/3/2018	ND	
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/3/2018	ND	
MW-57	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/3/2018	ND	
MW-58	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/3/2018	ND	
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/1/2018	ND	
MW-50	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/1/2018	ND	
MW-51	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/1/2018	ND	
MW-52	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/1/2018	ND	
MW-53	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/1/2018	ND	
MW-54	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/1/2018	ND	
MW-55	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/1/2018	ND	
MW-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/2/2018	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/2/2018	ND	
MW-22R	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/2/2018	ND	
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/2/2018	ND	
MW-56	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/2/2018	NDH	
MW-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/16/2019	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/16/2019	ND	
MW-23	u	1,4-Dichlorobenzene	106-46-7	ug/L	5/16/2019	ND	
MW-24R	u	1,4-Dichlorobenzene	106-46-7	ug/L	5/16/2019	ND	
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/16/2019	ND	
MW-55	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/16/2019	ND	
MW-50	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/20/2019	ND	
MW-51	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/20/2019	ND	
MW-52	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/20/2019	ND	
MW-54	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/20/2019	ND	
MW-56	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/20/2019	ND	
MW-53	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/21/2019	NDF1	
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/11/2019	ND	
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/11/2019		6.64
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/11/2019	ND	
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/11/2019	ND	
MW-58	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/11/2019	ND	
GU-3A	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/16/2020	ND	
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/16/2020	ND	
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/17/2020	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/17/2020		13.1
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/17/2020	ND	
MW-58	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/17/2020	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/20/2020	ND	
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/20/2020	ND	
MW-51	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/20/2020	ND	
MW-55	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/20/2020	ND	
MW-56	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/20/2020	ND	
MW-57R	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/20/2020	ND	
MW-73	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/20/2020	ND	
MW-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/21/2020	ND	
MW-50	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/21/2020	ND	
MW-52	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/21/2020	ND	
MW-53	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/21/2020	ND	
MW-54	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/21/2020	ND	
MW-23	u	1,4-Dichlorobenzene	106-46-7	ug/L	7/22/2020	ND	
MW-24R	u	1,4-Dichlorobenzene	106-46-7	ug/L	7/22/2020	ND	
MW-55	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/12/2020	ND	
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/24/2021		<1.00
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/24/2021		<1.00
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/25/2021		6.24
MW-58	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/25/2021		<1.00
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/25/2021		<1.00
MW-68	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/25/2021		<1.00
MW-69	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/25/2021		<1.00
MW-70	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/26/2021		<1.00
MW-57R	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/26/2021		<1.00
PZ-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/27/2021		<1.00
MW-73	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/27/2021		<1.00
GU-3A	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/8/2021		<1.00
MW-24R	u	1,4-Dichlorobenzene	106-46-7	ug/L	12/7/2021		<1.00
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/7/2021		<1.00
MW-57R	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/7/2021		<1.00
MW-73	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/7/2021		<1.00
MW-56	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/7/2021		<1.00
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/7/2021		<1.00
MW-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/7/2021		<1.00
MW-55	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/7/2021		<1.00
MW-50	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/7/2021		<1.00
MW-23	u	1,4-Dichlorobenzene	106-46-7	ug/L	12/8/2021		<1.00
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/8/2021		<1.00
MW-51	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/8/2021		<1.00
MW-52	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/8/2021		<1.00
MW-53	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/8/2021		2.47
MW-54	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/8/2021		<1.00
MW-39	d	1,4-Naphthoquinone	130-15-4	ug/L	3/11/2013	ND	
MW-31R	d	1,4-Naphthoquinone	130-15-4	ug/L	9/10/2013	ND	
MW-32R	d	1,4-Naphthoquinone	130-15-4	ug/L	9/10/2013	ND	
MW-18	d	1,4-Naphthoquinone	130-15-4	ug/L	12/18/2013	ND	
MW-20	d	1,4-Naphthoquinone	130-15-4	ug/L	12/18/2013	ND	
MW-21	d	1,4-Naphthoquinone	130-15-4	ug/L	12/18/2013	ND	
MW-22R	d	1,4-Naphthoquinone	130-15-4	ug/L	12/18/2013	ND	
MW-30R	d	1,4-Naphthoquinone	130-15-4	ug/L	12/18/2013	ND	
MW-18	d	1,4-Naphthoquinone	130-15-4	ug/L	6/24/2014	ND	
MW-29	d	1,4-Naphthoquinone	130-15-4	ug/L	7/24/2014	ND	
MW-57	d	1,4-Naphthoquinone	130-15-4	ug/L	7/24/2014	ND	
MW-58	d	1,4-Naphthoquinone	130-15-4	ug/L	7/24/2014	ND	
MW-33R	d	1,4-Naphthoquinone	130-15-4	ug/L	9/24/2014	ND	
MW-50	d	1,4-Naphthoquinone	130-15-4	ug/L	9/24/2014	ND	
MW-51	d	1,4-Naphthoquinone	130-15-4	ug/L	9/24/2014	ND	
MW-52	d	1,4-Naphthoquinone	130-15-4	ug/L	9/24/2014	ND	
MW-53	d	1,4-Naphthoquinone	130-15-4	ug/L	9/24/2014	ND	
MW-54	d	1,4-Naphthoquinone	130-15-4	ug/L	9/24/2014	ND	
MW-14R	d	1,4-Naphthoquinone	130-15-4	ug/L	12/4/2014	ND	
MW-19	d	1,4-Naphthoquinone	130-15-4	ug/L	12/4/2014	ND	
MW-28	d	1,4-Naphthoquinone	130-15-4	ug/L	12/4/2014	ND	
MW-56	d	1,4-Naphthoquinone	130-15-4	ug/L	12/4/2014	ND	
MW-55	d	1,4-Naphthoquinone	130-15-4	ug/L	3/11/2015	ND	
MW-20	d	1,4-Naphthoquinone	130-15-4	ug/L	4/3/2018	ND	
MW-21	d	1,4-Naphthoquinone	130-15-4	ug/L	4/3/2018	ND	
MW-30R	d	1,4-Naphthoquinone	130-15-4	ug/L	4/3/2018	ND	
MW-31R	d	1,4-Naphthoquinone	130-15-4	ug/L	4/3/2018	ND	
MW-32R	d	1,4-Naphthoquinone	130-15-4	ug/L	4/3/2018	ND	
MW-39	d	1,4-Naphthoquinone	130-15-4	ug/L	11/1/2018	ND	
MW-22R	d	1,4-Naphthoquinone	130-15-4	ug/L	11/2/2018	ND	
MW-18	d	1,4-Naphthoquinone	130-15-4	ug/L	5/16/2019	ND	
MW-19	d	1,4-Naphthoquinone	130-15-4	ug/L	5/16/2019	ND	
MW-28	d	1,4-Naphthoquinone	130-15-4	ug/L	5/16/2019	ND	
MW-50	d	1,4-Naphthoquinone	130-15-4	ug/L	5/20/2019	ND	
MW-51	d	1,4-Naphthoquinone	130-15-4	ug/L	5/20/2019	ND	
MW-52	d	1,4-Naphthoquinone	130-15-4	ug/L	5/20/2019	ND	
MW-53	d	1,4-Naphthoquinone	130-15-4	ug/L	5/20/2019	ND	
MW-54	d	1,4-Naphthoquinone	130-15-4	ug/L	5/20/2019	ND	
MW-56	d	1,4-Naphthoquinone	130-15-4	ug/L	5/20/2019	ND	
MW-14R	d	1,4-Naphthoquinone	130-15-4	ug/L	9/11/2019	ND	
MW-29	d	1,4-Naphthoquinone	130-15-4	ug/L	9/11/2019	ND	
MW-33R	d	1,4-Naphthoquinone	130-15-4	ug/L	9/11/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	1,4-Naphthoquinone	130-15-4	ug/L	9/11/2019	ND	
MW-55	d	1,4-Naphthoquinone	130-15-4	ug/L	11/12/2020	ND	
MW-39	d	1,4-Phenylenediamine	106-50-3	ug/L	3/11/2013	ND	
MW-31R	d	1,4-Phenylenediamine	106-50-3	ug/L	9/10/2013	ND	
MW-32R	d	1,4-Phenylenediamine	106-50-3	ug/L	9/10/2013	ND	
MW-18	d	1,4-Phenylenediamine	106-50-3	ug/L	12/18/2013	ND	
MW-20	d	1,4-Phenylenediamine	106-50-3	ug/L	12/18/2013	ND	
MW-21	d	1,4-Phenylenediamine	106-50-3	ug/L	12/18/2013	ND	
MW-22R	d	1,4-Phenylenediamine	106-50-3	ug/L	12/18/2013	ND	
MW-30R	d	1,4-Phenylenediamine	106-50-3	ug/L	12/18/2013	ND	
MW-18	d	1,4-Phenylenediamine	106-50-3	ug/L	6/24/2014	ND	
MW-29	d	1,4-Phenylenediamine	106-50-3	ug/L	7/24/2014	ND	
MW-57	d	1,4-Phenylenediamine	106-50-3	ug/L	7/24/2014	ND	
MW-58	d	1,4-Phenylenediamine	106-50-3	ug/L	7/24/2014	ND	
MW-33R	d	1,4-Phenylenediamine	106-50-3	ug/L	9/24/2014	ND	
MW-50	d	1,4-Phenylenediamine	106-50-3	ug/L	9/24/2014	ND	
MW-51	d	1,4-Phenylenediamine	106-50-3	ug/L	9/24/2014	ND	
MW-52	d	1,4-Phenylenediamine	106-50-3	ug/L	9/24/2014	ND	
MW-53	d	1,4-Phenylenediamine	106-50-3	ug/L	9/24/2014	ND	
MW-54	d	1,4-Phenylenediamine	106-50-3	ug/L	9/24/2014	ND	
MW-14R	d	1,4-Phenylenediamine	106-50-3	ug/L	12/4/2014	ND	
MW-19	d	1,4-Phenylenediamine	106-50-3	ug/L	12/4/2014	ND	
MW-28	d	1,4-Phenylenediamine	106-50-3	ug/L	12/4/2014	ND	
MW-56	d	1,4-Phenylenediamine	106-50-3	ug/L	12/4/2014	ND	
MW-55	d	1,4-Phenylenediamine	106-50-3	ug/L	3/11/2015	ND	
MW-20	d	1,4-Phenylenediamine	106-50-3	ug/L	4/3/2018	ND	
MW-21	d	1,4-Phenylenediamine	106-50-3	ug/L	4/3/2018	ND	
MW-30R	d	1,4-Phenylenediamine	106-50-3	ug/L	4/3/2018	ND	
MW-31R	d	1,4-Phenylenediamine	106-50-3	ug/L	4/3/2018	ND	
MW-32R	d	1,4-Phenylenediamine	106-50-3	ug/L	4/3/2018	ND	
MW-39	d	1,4-Phenylenediamine	106-50-3	ug/L	11/1/2018	ND	
MW-22R	d	1,4-Phenylenediamine	106-50-3	ug/L	11/2/2018	ND	
MW-18	d	1,4-Phenylenediamine	106-50-3	ug/L	5/16/2019	ND	
MW-19	d	1,4-Phenylenediamine	106-50-3	ug/L	5/16/2019	ND	
MW-28	d	1,4-Phenylenediamine	106-50-3	ug/L	5/16/2019	ND	
MW-50	d	1,4-Phenylenediamine	106-50-3	ug/L	5/20/2019	ND	
MW-51	d	1,4-Phenylenediamine	106-50-3	ug/L	5/20/2019	ND	
MW-52	d	1,4-Phenylenediamine	106-50-3	ug/L	5/20/2019	ND	
MW-53	d	1,4-Phenylenediamine	106-50-3	ug/L	5/20/2019	ND	
MW-54	d	1,4-Phenylenediamine	106-50-3	ug/L	5/20/2019	ND	
MW-56	d	1,4-Phenylenediamine	106-50-3	ug/L	5/20/2019	ND	
MW-14R	d	1,4-Phenylenediamine	106-50-3	ug/L	9/11/2019	ND	
MW-29	d	1,4-Phenylenediamine	106-50-3	ug/L	9/11/2019	ND	
MW-33R	d	1,4-Phenylenediamine	106-50-3	ug/L	9/11/2019	ND	
MW-58	d	1,4-Phenylenediamine	106-50-3	ug/L	9/11/2019	ND	
MW-55	d	1,4-Phenylenediamine	106-50-3	ug/L	11/12/2020	ND	
MW-39	d	1-Naphthylamine	134-32-7	ug/L	3/11/2013	ND	
MW-31R	d	1-Naphthylamine	134-32-7	ug/L	9/10/2013	ND	
MW-32R	d	1-Naphthylamine	134-32-7	ug/L	9/10/2013	ND	
MW-18	d	1-Naphthylamine	134-32-7	ug/L	12/18/2013	ND	
MW-20	d	1-Naphthylamine	134-32-7	ug/L	12/18/2013	ND	
MW-21	d	1-Naphthylamine	134-32-7	ug/L	12/18/2013	ND	
MW-22R	d	1-Naphthylamine	134-32-7	ug/L	12/18/2013	ND	
MW-30R	d	1-Naphthylamine	134-32-7	ug/L	12/18/2013	ND	
MW-18	d	1-Naphthylamine	134-32-7	ug/L	6/24/2014	ND	
MW-29	d	1-Naphthylamine	134-32-7	ug/L	7/24/2014	ND	
MW-57	d	1-Naphthylamine	134-32-7	ug/L	7/24/2014	ND	
MW-58	d	1-Naphthylamine	134-32-7	ug/L	7/24/2014	ND	
MW-33R	d	1-Naphthylamine	134-32-7	ug/L	9/24/2014	ND	
MW-50	d	1-Naphthylamine	134-32-7	ug/L	9/24/2014	ND	
MW-51	d	1-Naphthylamine	134-32-7	ug/L	9/24/2014	ND	
MW-52	d	1-Naphthylamine	134-32-7	ug/L	9/24/2014	ND	
MW-53	d	1-Naphthylamine	134-32-7	ug/L	9/24/2014	ND	
MW-54	d	1-Naphthylamine	134-32-7	ug/L	9/24/2014	ND	
MW-14R	d	1-Naphthylamine	134-32-7	ug/L	12/4/2014	ND	
MW-19	d	1-Naphthylamine	134-32-7	ug/L	12/4/2014	ND	
MW-28	d	1-Naphthylamine	134-32-7	ug/L	12/4/2014	ND	
MW-56	d	1-Naphthylamine	134-32-7	ug/L	12/4/2014	ND	
MW-55	d	1-Naphthylamine	134-32-7	ug/L	3/11/2015	ND	
MW-20	d	1-Naphthylamine	134-32-7	ug/L	4/3/2018	ND	
MW-21	d	1-Naphthylamine	134-32-7	ug/L	4/3/2018	ND	
MW-30R	d	1-Naphthylamine	134-32-7	ug/L	4/3/2018	ND	
MW-31R	d	1-Naphthylamine	134-32-7	ug/L	4/3/2018	ND	
MW-32R	d	1-Naphthylamine	134-32-7	ug/L	4/3/2018	ND	
MW-39	d	1-Naphthylamine	134-32-7	ug/L	11/1/2018	ND	
MW-22R	d	1-Naphthylamine	134-32-7	ug/L	11/2/2018	ND	
MW-18	d	1-Naphthylamine	134-32-7	ug/L	5/16/2019	ND	
MW-19	d	1-Naphthylamine	134-32-7	ug/L	5/16/2019	ND	
MW-28	d	1-Naphthylamine	134-32-7	ug/L	5/16/2019	ND	
MW-50	d	1-Naphthylamine	134-32-7	ug/L	5/20/2019	ND	
MW-51	d	1-Naphthylamine	134-32-7	ug/L	5/20/2019	ND	
MW-52	d	1-Naphthylamine	134-32-7	ug/L	5/20/2019	ND	
MW-53	d	1-Naphthylamine	134-32-7	ug/L	5/20/2019	ND	
MW-54	d	1-Naphthylamine	134-32-7	ug/L	5/20/2019	ND	
MW-56	d	1-Naphthylamine	134-32-7	ug/L	5/20/2019	ND	
MW-14R	d	1-Naphthylamine	134-32-7	ug/L	9/11/2019	ND	
MW-29	d	1-Naphthylamine	134-32-7	ug/L	9/11/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	1-Naphthylamine	134-32-7	ug/L	9/11/2019	ND	
MW-58	d	1-Naphthylamine	134-32-7	ug/L	9/11/2019	ND	
MW-55	d	1-Naphthylamine	134-32-7	ug/L	11/12/2020	ND	
MW-39	d	2,2-Dichloropropane	594-20-7	ug/L	3/11/2013	ND	
MW-31R	d	2,2-Dichloropropane	594-20-7	ug/L	9/10/2013	ND	
MW-32R	d	2,2-Dichloropropane	594-20-7	ug/L	9/10/2013	ND	
MW-18	d	2,2-Dichloropropane	594-20-7	ug/L	12/18/2013	ND	
MW-20	d	2,2-Dichloropropane	594-20-7	ug/L	12/18/2013	ND	
MW-21	d	2,2-Dichloropropane	594-20-7	ug/L	12/18/2013	ND	
MW-22R	d	2,2-Dichloropropane	594-20-7	ug/L	12/18/2013	ND	
MW-30R	d	2,2-Dichloropropane	594-20-7	ug/L	12/18/2013	ND	
MW-18	d	2,2-Dichloropropane	594-20-7	ug/L	6/24/2014	ND	
MW-29	d	2,2-Dichloropropane	594-20-7	ug/L	7/24/2014	ND	
MW-57	d	2,2-Dichloropropane	594-20-7	ug/L	7/24/2014	ND	
MW-58	d	2,2-Dichloropropane	594-20-7	ug/L	7/24/2014	ND	
MW-33R	d	2,2-Dichloropropane	594-20-7	ug/L	9/24/2014	ND	
MW-50	d	2,2-Dichloropropane	594-20-7	ug/L	9/24/2014	ND	
MW-51	d	2,2-Dichloropropane	594-20-7	ug/L	9/24/2014	ND	
MW-52	d	2,2-Dichloropropane	594-20-7	ug/L	9/24/2014	ND	
MW-53	d	2,2-Dichloropropane	594-20-7	ug/L	9/24/2014	ND	
MW-54	d	2,2-Dichloropropane	594-20-7	ug/L	9/24/2014	ND	
MW-14R	d	2,2-Dichloropropane	594-20-7	ug/L	12/4/2014	ND	
MW-19	d	2,2-Dichloropropane	594-20-7	ug/L	12/4/2014	ND	
MW-28	d	2,2-Dichloropropane	594-20-7	ug/L	12/4/2014	ND	
MW-56	d	2,2-Dichloropropane	594-20-7	ug/L	12/4/2014	ND	
MW-55	d	2,2-Dichloropropane	594-20-7	ug/L	3/11/2015	ND	
MW-20	d	2,2-Dichloropropane	594-20-7	ug/L	4/3/2018	ND	
MW-21	d	2,2-Dichloropropane	594-20-7	ug/L	4/3/2018	ND	
MW-30R	d	2,2-Dichloropropane	594-20-7	ug/L	4/3/2018	ND	
MW-31R	d	2,2-Dichloropropane	594-20-7	ug/L	4/3/2018	ND	
MW-32R	d	2,2-Dichloropropane	594-20-7	ug/L	4/3/2018	ND	
MW-39	d	2,2-Dichloropropane	594-20-7	ug/L	11/1/2018	ND	
MW-22R	d	2,2-Dichloropropane	594-20-7	ug/L	11/2/2018	ND	
MW-18	d	2,2-Dichloropropane	594-20-7	ug/L	5/16/2019	ND	
MW-19	d	2,2-Dichloropropane	594-20-7	ug/L	5/16/2019	ND	
MW-28	d	2,2-Dichloropropane	594-20-7	ug/L	5/16/2019	ND	
MW-50	d	2,2-Dichloropropane	594-20-7	ug/L	5/20/2019	ND	
MW-51	d	2,2-Dichloropropane	594-20-7	ug/L	5/20/2019	ND	
MW-52	d	2,2-Dichloropropane	594-20-7	ug/L	5/20/2019	ND	
MW-54	d	2,2-Dichloropropane	594-20-7	ug/L	5/20/2019	ND	
MW-56	d	2,2-Dichloropropane	594-20-7	ug/L	5/20/2019	ND	
MW-53	d	2,2-Dichloropropane	594-20-7	ug/L	5/21/2019	ND	
MW-14R	d	2,2-Dichloropropane	594-20-7	ug/L	9/11/2019	ND	
MW-29	d	2,2-Dichloropropane	594-20-7	ug/L	9/11/2019	ND	
MW-30R	d	2,2-Dichloropropane	594-20-7	ug/L	9/11/2019	ND	
MW-33R	d	2,2-Dichloropropane	594-20-7	ug/L	9/11/2019	ND	
MW-58	d	2,2-Dichloropropane	594-20-7	ug/L	9/11/2019	ND	
MW-55	d	2,2-Dichloropropane	594-20-7	ug/L	11/12/2020	ND	
MW-39	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	3/11/2013	ND	
MW-31R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/10/2013	ND	
MW-32R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/10/2013	ND	
MW-18	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	12/18/2013	ND	
MW-20	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	12/18/2013	ND	
MW-21	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	12/18/2013	ND	
MW-22R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	12/18/2013	ND	
MW-30R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	12/18/2013	ND	
MW-18	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	6/24/2014	ND	
MW-29	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	7/24/2014	ND	
MW-57	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	7/24/2014	ND	
MW-58	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	7/24/2014	ND	
MW-33R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/24/2014	ND	
MW-50	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/24/2014	ND	
MW-51	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/24/2014	ND	
MW-52	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/24/2014	ND	
MW-53	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/24/2014	ND	
MW-54	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/24/2014	ND	
MW-14R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	12/4/2014	ND	
MW-19	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	12/4/2014	ND	
MW-28	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	12/4/2014	ND	
MW-56	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	12/4/2014	ND	
MW-55	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	3/11/2015	ND	
MW-20	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/3/2018	ND	
MW-21	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/3/2018	ND	
MW-30R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/3/2018	ND	
MW-31R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/3/2018	ND	
MW-32R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/3/2018	ND	
MW-39	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	11/1/2018	ND	
MW-22R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	11/2/2018	ND	
MW-18	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/16/2019	ND	
MW-19	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/16/2019	ND	
MW-28	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/16/2019	ND	
MW-50	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/20/2019	ND	
MW-51	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/20/2019	ND	
MW-52	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/20/2019	ND	
MW-53	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/20/2019	ND	
MW-54	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/20/2019	ND	
MW-56	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/20/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/11/2019	ND	
MW-29	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/11/2019	ND	
MW-33R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/11/2019	ND	
MW-58	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/11/2019	ND	
MW-55	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	11/12/2020	ND	
MW-39	d	2,4,5-T	93-76-5	ug/L	11/1/2018	ND	
MW-22R	d	2,4,5-T	93-76-5	ug/L	11/2/2018	ND	
MW-18	d	2,4,5-T	93-76-5	ug/L	5/16/2019	ND	
MW-28	d	2,4,5-T	93-76-5	ug/L	5/16/2019	ND	
MW-19	d	2,4,5-T	93-76-5	ug/L	5/20/2019	ND	
MW-50	d	2,4,5-T	93-76-5	ug/L	5/20/2019	ND	
MW-51	d	2,4,5-T	93-76-5	ug/L	5/20/2019	ND	
MW-52	d	2,4,5-T	93-76-5	ug/L	5/20/2019	ND	
MW-53	d	2,4,5-T	93-76-5	ug/L	5/20/2019	ND	
MW-54	d	2,4,5-T	93-76-5	ug/L	5/20/2019	ND	
MW-56	d	2,4,5-T	93-76-5	ug/L	5/20/2019	ND	
MW-14R	d	2,4,5-T	93-76-5	ug/L	9/11/2019	ND	
MW-29	d	2,4,5-T	93-76-5	ug/L	9/11/2019	ND	
MW-33R	d	2,4,5-T	93-76-5	ug/L	9/11/2019	ND	
MW-58	d	2,4,5-T	93-76-5	ug/L	9/11/2019	ND	
MW-55	d	2,4,5-T	93-76-5	ug/L	11/12/2020	ND	
MW-39	d	2,4,5-T [2C]	93-76-5	ug/L	3/11/2013	ND	
MW-31R	d	2,4,5-T [2C]	93-76-5	ug/L	9/10/2013	ND	
MW-32R	d	2,4,5-T [2C]	93-76-5	ug/L	9/10/2013	ND	
MW-18	d	2,4,5-T [2C]	93-76-5	ug/L	12/18/2013	ND	
MW-20	d	2,4,5-T [2C]	93-76-5	ug/L	12/18/2013	ND	
MW-21	d	2,4,5-T [2C]	93-76-5	ug/L	12/18/2013	ND	
MW-22R	d	2,4,5-T [2C]	93-76-5	ug/L	12/18/2013	ND	
MW-30R	d	2,4,5-T [2C]	93-76-5	ug/L	12/18/2013	ND	
MW-18	d	2,4,5-T [2C]	93-76-5	ug/L	6/24/2014	ND	
MW-29	d	2,4,5-T [2C]	93-76-5	ug/L	7/24/2014	ND	
MW-57	d	2,4,5-T [2C]	93-76-5	ug/L	7/24/2014	ND	
MW-58	d	2,4,5-T [2C]	93-76-5	ug/L	7/24/2014	ND	
MW-33R	d	2,4,5-T [2C]	93-76-5	ug/L	9/24/2014	ND	
MW-50	d	2,4,5-T [2C]	93-76-5	ug/L	9/24/2014	ND	
MW-51	d	2,4,5-T [2C]	93-76-5	ug/L	9/24/2014	ND	
MW-52	d	2,4,5-T [2C]	93-76-5	ug/L	9/24/2014	ND	
MW-53	d	2,4,5-T [2C]	93-76-5	ug/L	9/24/2014	ND	
MW-54	d	2,4,5-T [2C]	93-76-5	ug/L	9/24/2014	ND	
MW-14R	d	2,4,5-T [2C]	93-76-5	ug/L	12/4/2014	ND	
MW-19	d	2,4,5-T [2C]	93-76-5	ug/L	12/4/2014	ND	
MW-28	d	2,4,5-T [2C]	93-76-5	ug/L	12/4/2014	ND	
MW-56	d	2,4,5-T [2C]	93-76-5	ug/L	12/4/2014	ND	
MW-55	d	2,4,5-T [2C]	93-76-5	ug/L	3/11/2015	ND	
MW-20	d	2,4,5-T [2C]	93-76-5	ug/L	4/3/2018	ND	
MW-21	d	2,4,5-T [2C]	93-76-5	ug/L	4/3/2018	ND	
MW-30R	d	2,4,5-T [2C]	93-76-5	ug/L	4/3/2018	ND	
MW-31R	d	2,4,5-T [2C]	93-76-5	ug/L	4/3/2018	ND	
MW-32R	d	2,4,5-T [2C]	93-76-5	ug/L	4/3/2018	ND	
MW-39	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	3/11/2013	ND	
MW-31R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/10/2013	ND	
MW-32R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/10/2013	ND	
MW-18	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	12/18/2013	ND	
MW-20	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	12/18/2013	ND	
MW-21	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	12/18/2013	ND	
MW-22R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	12/18/2013	ND	
MW-30R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	12/18/2013	ND	
MW-18	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	6/24/2014	ND	
MW-29	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	7/24/2014	ND	
MW-57	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	7/24/2014	ND	
MW-58	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	7/24/2014	ND	
MW-33R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/24/2014	ND	
MW-50	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/24/2014	ND	
MW-51	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/24/2014	ND	
MW-52	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/24/2014	ND	
MW-53	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/24/2014	ND	
MW-54	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/24/2014	ND	
MW-14R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	12/4/2014	ND	
MW-19	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	12/4/2014	ND	
MW-28	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	12/4/2014	ND	
MW-56	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	12/4/2014	ND	
MW-55	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	3/11/2015	ND	
MW-20	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	4/3/2018	ND	
MW-21	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	4/3/2018	ND	
MW-30R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	4/3/2018	ND	
MW-31R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	4/3/2018	ND	
MW-32R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	4/3/2018	ND	
MW-39	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	11/1/2018	ND	
MW-22R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	11/2/2018	ND	
MW-18	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	5/16/2019	ND	
MW-28	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	5/16/2019	ND	
MW-19	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	5/20/2019	ND	
MW-50	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	5/20/2019	ND	
MW-51	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	5/20/2019	ND	
MW-52	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	5/20/2019	ND	
MW-53	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	5/20/2019	ND	
MW-54	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	5/20/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	5/20/2019	ND	
MW-14R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/11/2019	ND	
MW-29	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/11/2019	ND	
MW-33R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/11/2019	ND	
MW-58	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/11/2019	ND	
MW-55	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	11/12/2020	ND	
MW-39	d	2,4,5-Trichlorophenol	95-95-4	ug/L	3/11/2013	ND	
MW-31R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/10/2013	ND	
MW-32R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/10/2013	ND	
MW-18	d	2,4,5-Trichlorophenol	95-95-4	ug/L	12/18/2013	ND	
MW-20	d	2,4,5-Trichlorophenol	95-95-4	ug/L	12/18/2013	ND	
MW-21	d	2,4,5-Trichlorophenol	95-95-4	ug/L	12/18/2013	ND	
MW-22R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	12/18/2013	ND	
MW-30R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	12/18/2013	ND	
MW-18	d	2,4,5-Trichlorophenol	95-95-4	ug/L	6/24/2014	ND	
MW-29	d	2,4,5-Trichlorophenol	95-95-4	ug/L	7/24/2014	ND	
MW-57	d	2,4,5-Trichlorophenol	95-95-4	ug/L	7/24/2014	ND	
MW-58	d	2,4,5-Trichlorophenol	95-95-4	ug/L	7/24/2014	ND	
MW-33R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/24/2014	ND	
MW-50	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/24/2014	ND	
MW-51	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/24/2014	ND	
MW-52	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/24/2014	ND	
MW-53	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/24/2014	ND	
MW-54	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/24/2014	ND	
MW-14R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	12/4/2014	ND	
MW-19	d	2,4,5-Trichlorophenol	95-95-4	ug/L	12/4/2014	ND	
MW-28	d	2,4,5-Trichlorophenol	95-95-4	ug/L	12/4/2014	ND	
MW-56	d	2,4,5-Trichlorophenol	95-95-4	ug/L	12/4/2014	ND	
MW-55	d	2,4,5-Trichlorophenol	95-95-4	ug/L	3/11/2015	ND	
MW-20	d	2,4,5-Trichlorophenol	95-95-4	ug/L	4/3/2018	ND	
MW-21	d	2,4,5-Trichlorophenol	95-95-4	ug/L	4/3/2018	ND	
MW-30R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	4/3/2018	ND	
MW-31R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	4/3/2018	ND	
MW-32R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	4/3/2018	ND	
MW-39	d	2,4,5-Trichlorophenol	95-95-4	ug/L	11/1/2018	ND	
MW-22R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	11/2/2018	ND	
MW-18	d	2,4,5-Trichlorophenol	95-95-4	ug/L	5/16/2019	ND	
MW-19	d	2,4,5-Trichlorophenol	95-95-4	ug/L	5/16/2019	ND	
MW-28	d	2,4,5-Trichlorophenol	95-95-4	ug/L	5/16/2019	ND	
MW-50	d	2,4,5-Trichlorophenol	95-95-4	ug/L	5/20/2019	ND	
MW-51	d	2,4,5-Trichlorophenol	95-95-4	ug/L	5/20/2019	ND	
MW-52	d	2,4,5-Trichlorophenol	95-95-4	ug/L	5/20/2019	ND	
MW-53	d	2,4,5-Trichlorophenol	95-95-4	ug/L	5/20/2019	ND	
MW-54	d	2,4,5-Trichlorophenol	95-95-4	ug/L	5/20/2019	ND	
MW-56	d	2,4,5-Trichlorophenol	95-95-4	ug/L	5/20/2019	ND	
MW-14R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/11/2019	ND	
MW-29	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/11/2019	ND	
MW-33R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/11/2019	ND	
MW-58	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/11/2019	ND	
MW-55	d	2,4,5-Trichlorophenol	95-95-4	ug/L	11/12/2020	ND	
MW-39	d	2,4,6-Trichlorophenol	88-06-2	ug/L	3/11/2013	ND	
MW-31R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/10/2013	ND	
MW-32R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/10/2013	ND	
MW-18	d	2,4,6-Trichlorophenol	88-06-2	ug/L	12/18/2013	ND	
MW-20	d	2,4,6-Trichlorophenol	88-06-2	ug/L	12/18/2013	ND	
MW-21	d	2,4,6-Trichlorophenol	88-06-2	ug/L	12/18/2013	ND	
MW-22R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	12/18/2013	ND	
MW-30R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	12/18/2013	ND	
MW-18	d	2,4,6-Trichlorophenol	88-06-2	ug/L	6/24/2014	ND	
MW-29	d	2,4,6-Trichlorophenol	88-06-2	ug/L	7/24/2014	ND	
MW-57	d	2,4,6-Trichlorophenol	88-06-2	ug/L	7/24/2014	ND	
MW-58	d	2,4,6-Trichlorophenol	88-06-2	ug/L	7/24/2014	ND	
MW-33R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/24/2014	ND	
MW-50	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/24/2014	ND	
MW-51	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/24/2014	ND	
MW-52	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/24/2014	ND	
MW-53	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/24/2014	ND	
MW-54	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/24/2014	ND	
MW-14R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	12/4/2014	ND	
MW-19	d	2,4,6-Trichlorophenol	88-06-2	ug/L	12/4/2014	ND	
MW-28	d	2,4,6-Trichlorophenol	88-06-2	ug/L	12/4/2014	ND	
MW-56	d	2,4,6-Trichlorophenol	88-06-2	ug/L	12/4/2014	ND	
MW-55	d	2,4,6-Trichlorophenol	88-06-2	ug/L	3/11/2015	ND	
MW-20	d	2,4,6-Trichlorophenol	88-06-2	ug/L	4/3/2018	ND	
MW-21	d	2,4,6-Trichlorophenol	88-06-2	ug/L	4/3/2018	ND	
MW-30R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	4/3/2018	ND	
MW-31R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	4/3/2018	ND	
MW-32R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	4/3/2018	ND	
MW-39	d	2,4,6-Trichlorophenol	88-06-2	ug/L	11/1/2018	ND	
MW-22R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	11/2/2018	ND	
MW-18	d	2,4,6-Trichlorophenol	88-06-2	ug/L	5/16/2019	ND	
MW-19	d	2,4,6-Trichlorophenol	88-06-2	ug/L	5/16/2019	ND	
MW-28	d	2,4,6-Trichlorophenol	88-06-2	ug/L	5/16/2019	ND	
MW-50	d	2,4,6-Trichlorophenol	88-06-2	ug/L	5/20/2019	ND	
MW-51	d	2,4,6-Trichlorophenol	88-06-2	ug/L	5/20/2019	ND	
MW-52	d	2,4,6-Trichlorophenol	88-06-2	ug/L	5/20/2019	ND	
MW-53	d	2,4,6-Trichlorophenol	88-06-2	ug/L	5/20/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-54	d	2,4,6-Trichlorophenol	88-06-2	ug/L	5/20/2019	ND	
MW-56	d	2,4,6-Trichlorophenol	88-06-2	ug/L	5/20/2019	ND	
MW-14R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/11/2019	ND	
MW-29	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/11/2019	ND	
MW-33R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/11/2019	ND	
MW-58	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/11/2019	ND	
MW-55	d	2,4,6-Trichlorophenol	88-06-2	ug/L	11/12/2020	ND	
MW-39	d	2,4-D [2C]	94-75-7	ug/L	3/11/2013	ND	
MW-31R	d	2,4-D [2C]	94-75-7	ug/L	9/10/2013	ND	
MW-32R	d	2,4-D [2C]	94-75-7	ug/L	9/10/2013	ND	
MW-18	d	2,4-D [2C]	94-75-7	ug/L	12/18/2013	J	0.559
MW-20	d	2,4-D [2C]	94-75-7	ug/L	12/18/2013	ND	
MW-21	d	2,4-D [2C]	94-75-7	ug/L	12/18/2013	ND	
MW-22R	d	2,4-D [2C]	94-75-7	ug/L	12/18/2013	ND	
MW-30R	d	2,4-D [2C]	94-75-7	ug/L	12/18/2013	ND	
MW-18	d	2,4-D [2C]	94-75-7	ug/L	6/24/2014	ND	
MW-29	d	2,4-D [2C]	94-75-7	ug/L	7/24/2014	ND	
MW-57	d	2,4-D [2C]	94-75-7	ug/L	7/24/2014	ND	
MW-58	d	2,4-D [2C]	94-75-7	ug/L	7/24/2014	ND	
MW-33R	d	2,4-D [2C]	94-75-7	ug/L	9/24/2014	ND	
MW-50	d	2,4-D [2C]	94-75-7	ug/L	9/24/2014	ND	
MW-51	d	2,4-D [2C]	94-75-7	ug/L	9/24/2014	ND	
MW-52	d	2,4-D [2C]	94-75-7	ug/L	9/24/2014	ND	
MW-53	d	2,4-D [2C]	94-75-7	ug/L	9/24/2014	ND	
MW-54	d	2,4-D [2C]	94-75-7	ug/L	9/24/2014	ND	
MW-14R	d	2,4-D [2C]	94-75-7	ug/L	12/4/2014	ND	
MW-19	d	2,4-D [2C]	94-75-7	ug/L	12/4/2014	ND	
MW-28	d	2,4-D [2C]	94-75-7	ug/L	12/4/2014	ND	
MW-56	d	2,4-D [2C]	94-75-7	ug/L	12/4/2014	ND	
MW-55	d	2,4-D [2C]	94-75-7	ug/L	3/11/2015	ND	
MW-20	d	2,4-D [2C]	94-75-7	ug/L	4/3/2018	ND	
MW-21	d	2,4-D [2C]	94-75-7	ug/L	4/3/2018	ND	
MW-30R	d	2,4-D [2C]	94-75-7	ug/L	4/3/2018	ND	
MW-31R	d	2,4-D [2C]	94-75-7	ug/L	4/3/2018	ND	
MW-32R	d	2,4-D [2C]	94-75-7	ug/L	4/3/2018	ND	
MW-39	d	2,4-D [2C]	94-75-7	ug/L	11/1/2018	ND	
MW-22R	d	2,4-D [2C]	94-75-7	ug/L	11/2/2018	ND	
MW-18	d	2,4-D [2C]	94-75-7	ug/L	5/16/2019	ND	
MW-28	d	2,4-D [2C]	94-75-7	ug/L	5/16/2019	ND	
MW-19	d	2,4-D [2C]	94-75-7	ug/L	5/20/2019	ND*	
MW-50	d	2,4-D [2C]	94-75-7	ug/L	5/20/2019	ND*	
MW-51	d	2,4-D [2C]	94-75-7	ug/L	5/20/2019	ND*	
MW-52	d	2,4-D [2C]	94-75-7	ug/L	5/20/2019	ND*	
MW-53	d	2,4-D [2C]	94-75-7	ug/L	5/20/2019	ND*	
MW-54	d	2,4-D [2C]	94-75-7	ug/L	5/20/2019	ND*	
MW-56	d	2,4-D [2C]	94-75-7	ug/L	5/20/2019	ND*	
MW-14R	d	2,4-D [2C]	94-75-7	ug/L	9/11/2019	ND	
MW-29	d	2,4-D [2C]	94-75-7	ug/L	9/11/2019	ND	
MW-33R	d	2,4-D [2C]	94-75-7	ug/L	9/11/2019	ND	
MW-58	d	2,4-D [2C]	94-75-7	ug/L	9/11/2019	ND	
MW-55	d	2,4-D [2C]	94-75-7	ug/L	11/12/2020	ND	
MW-39	d	2,4-Dichlorophenol	120-83-2	ug/L	3/11/2013	ND	
MW-31R	d	2,4-Dichlorophenol	120-83-2	ug/L	9/10/2013	ND	
MW-32R	d	2,4-Dichlorophenol	120-83-2	ug/L	9/10/2013	ND	
MW-18	d	2,4-Dichlorophenol	120-83-2	ug/L	12/18/2013	ND	
MW-20	d	2,4-Dichlorophenol	120-83-2	ug/L	12/18/2013	ND	
MW-21	d	2,4-Dichlorophenol	120-83-2	ug/L	12/18/2013	ND	
MW-22R	d	2,4-Dichlorophenol	120-83-2	ug/L	12/18/2013	ND	
MW-30R	d	2,4-Dichlorophenol	120-83-2	ug/L	12/18/2013	ND	
MW-18	d	2,4-Dichlorophenol	120-83-2	ug/L	6/24/2014	ND	
MW-29	d	2,4-Dichlorophenol	120-83-2	ug/L	7/24/2014	ND	
MW-57	d	2,4-Dichlorophenol	120-83-2	ug/L	7/24/2014	ND	
MW-58	d	2,4-Dichlorophenol	120-83-2	ug/L	7/24/2014	ND	
MW-33R	d	2,4-Dichlorophenol	120-83-2	ug/L	9/24/2014	ND	
MW-50	d	2,4-Dichlorophenol	120-83-2	ug/L	9/24/2014	ND	
MW-51	d	2,4-Dichlorophenol	120-83-2	ug/L	9/24/2014	ND	
MW-52	d	2,4-Dichlorophenol	120-83-2	ug/L	9/24/2014	ND	
MW-53	d	2,4-Dichlorophenol	120-83-2	ug/L	9/24/2014	ND	
MW-54	d	2,4-Dichlorophenol	120-83-2	ug/L	9/24/2014	ND	
MW-14R	d	2,4-Dichlorophenol	120-83-2	ug/L	12/4/2014	ND	
MW-19	d	2,4-Dichlorophenol	120-83-2	ug/L	12/4/2014	ND	
MW-28	d	2,4-Dichlorophenol	120-83-2	ug/L	12/4/2014	ND	
MW-56	d	2,4-Dichlorophenol	120-83-2	ug/L	12/4/2014	ND	
MW-55	d	2,4-Dichlorophenol	120-83-2	ug/L	3/11/2015	ND	
MW-20	d	2,4-Dichlorophenol	120-83-2	ug/L	4/3/2018	ND	
MW-21	d	2,4-Dichlorophenol	120-83-2	ug/L	4/3/2018	ND	
MW-30R	d	2,4-Dichlorophenol	120-83-2	ug/L	4/3/2018	ND	
MW-31R	d	2,4-Dichlorophenol	120-83-2	ug/L	4/3/2018	ND	
MW-32R	d	2,4-Dichlorophenol	120-83-2	ug/L	4/3/2018	ND	
MW-39	d	2,4-Dichlorophenol	120-83-2	ug/L	11/1/2018	ND	
MW-22R	d	2,4-Dichlorophenol	120-83-2	ug/L	11/2/2018	ND	
MW-18	d	2,4-Dichlorophenol	120-83-2	ug/L	5/16/2019	ND	
MW-19	d	2,4-Dichlorophenol	120-83-2	ug/L	5/16/2019	ND	
MW-28	d	2,4-Dichlorophenol	120-83-2	ug/L	5/16/2019	ND	
MW-50	d	2,4-Dichlorophenol	120-83-2	ug/L	5/20/2019	ND	
MW-51	d	2,4-Dichlorophenol	120-83-2	ug/L	5/20/2019	ND	
MW-52	d	2,4-Dichlorophenol	120-83-2	ug/L	5/20/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-53	d	2,4-Dichlorophenol	120-83-2	ug/L	5/20/2019	ND	
MW-54	d	2,4-Dichlorophenol	120-83-2	ug/L	5/20/2019	ND	
MW-56	d	2,4-Dichlorophenol	120-83-2	ug/L	5/20/2019	ND	
MW-14R	d	2,4-Dichlorophenol	120-83-2	ug/L	9/11/2019	ND	
MW-29	d	2,4-Dichlorophenol	120-83-2	ug/L	9/11/2019	ND	
MW-33R	d	2,4-Dichlorophenol	120-83-2	ug/L	9/11/2019	ND	
MW-58	d	2,4-Dichlorophenol	120-83-2	ug/L	9/11/2019	ND	
MW-55	d	2,4-Dichlorophenol	120-83-2	ug/L	11/12/2020	ND	
MW-39	d	2,4-Dimethylphenol	105-67-9	ug/L	3/11/2013	ND	
MW-31R	d	2,4-Dimethylphenol	105-67-9	ug/L	9/10/2013	ND	
MW-32R	d	2,4-Dimethylphenol	105-67-9	ug/L	9/10/2013	ND	
MW-18	d	2,4-Dimethylphenol	105-67-9	ug/L	12/18/2013	ND	
MW-20	d	2,4-Dimethylphenol	105-67-9	ug/L	12/18/2013	ND	
MW-21	d	2,4-Dimethylphenol	105-67-9	ug/L	12/18/2013	ND	
MW-22R	d	2,4-Dimethylphenol	105-67-9	ug/L	12/18/2013	ND	
MW-30R	d	2,4-Dimethylphenol	105-67-9	ug/L	12/18/2013	ND	
MW-18	d	2,4-Dimethylphenol	105-67-9	ug/L	6/24/2014	ND	
MW-29	d	2,4-Dimethylphenol	105-67-9	ug/L	7/24/2014	ND	
MW-57	d	2,4-Dimethylphenol	105-67-9	ug/L	7/24/2014	ND	
MW-58	d	2,4-Dimethylphenol	105-67-9	ug/L	7/24/2014	ND	
MW-33R	d	2,4-Dimethylphenol	105-67-9	ug/L	9/24/2014	ND	
MW-50	d	2,4-Dimethylphenol	105-67-9	ug/L	9/24/2014	ND	
MW-51	d	2,4-Dimethylphenol	105-67-9	ug/L	9/24/2014	ND	
MW-52	d	2,4-Dimethylphenol	105-67-9	ug/L	9/24/2014	ND	
MW-53	d	2,4-Dimethylphenol	105-67-9	ug/L	9/24/2014	J	0.358
MW-54	d	2,4-Dimethylphenol	105-67-9	ug/L	9/24/2014	ND	
MW-14R	d	2,4-Dimethylphenol	105-67-9	ug/L	12/4/2014	ND	
MW-19	d	2,4-Dimethylphenol	105-67-9	ug/L	12/4/2014	ND	
MW-28	d	2,4-Dimethylphenol	105-67-9	ug/L	12/4/2014	ND	
MW-56	d	2,4-Dimethylphenol	105-67-9	ug/L	12/4/2014	ND	
MW-55	d	2,4-Dimethylphenol	105-67-9	ug/L	3/11/2015	ND	
MW-20	d	2,4-Dimethylphenol	105-67-9	ug/L	4/3/2018	ND	
MW-21	d	2,4-Dimethylphenol	105-67-9	ug/L	4/3/2018	ND	
MW-30R	d	2,4-Dimethylphenol	105-67-9	ug/L	4/3/2018	ND	
MW-31R	d	2,4-Dimethylphenol	105-67-9	ug/L	4/3/2018	ND	
MW-32R	d	2,4-Dimethylphenol	105-67-9	ug/L	4/3/2018	ND	
MW-39	d	2,4-Dimethylphenol	105-67-9	ug/L	11/1/2018	ND	
MW-22R	d	2,4-Dimethylphenol	105-67-9	ug/L	11/2/2018	ND	
MW-18	d	2,4-Dimethylphenol	105-67-9	ug/L	5/16/2019	ND	
MW-19	d	2,4-Dimethylphenol	105-67-9	ug/L	5/16/2019	ND	
MW-28	d	2,4-Dimethylphenol	105-67-9	ug/L	5/16/2019	ND	
MW-50	d	2,4-Dimethylphenol	105-67-9	ug/L	5/20/2019	ND	
MW-51	d	2,4-Dimethylphenol	105-67-9	ug/L	5/20/2019	ND	
MW-52	d	2,4-Dimethylphenol	105-67-9	ug/L	5/20/2019	ND	
MW-53	d	2,4-Dimethylphenol	105-67-9	ug/L	5/20/2019	J	0.319
MW-54	d	2,4-Dimethylphenol	105-67-9	ug/L	5/20/2019	ND	
MW-56	d	2,4-Dimethylphenol	105-67-9	ug/L	5/20/2019	ND	
MW-14R	d	2,4-Dimethylphenol	105-67-9	ug/L	9/11/2019	ND	
MW-29	d	2,4-Dimethylphenol	105-67-9	ug/L	9/11/2019	ND	
MW-33R	d	2,4-Dimethylphenol	105-67-9	ug/L	9/11/2019	ND	
MW-58	d	2,4-Dimethylphenol	105-67-9	ug/L	9/11/2019	ND	
MW-55	d	2,4-Dimethylphenol	105-67-9	ug/L	11/12/2020	ND	
MW-39	d	2,4-Dinitrophenol	51-28-5	ug/L	3/11/2013	ND	
MW-31R	d	2,4-Dinitrophenol	51-28-5	ug/L	9/10/2013	ND	
MW-32R	d	2,4-Dinitrophenol	51-28-5	ug/L	9/10/2013	ND	
MW-18	d	2,4-Dinitrophenol	51-28-5	ug/L	12/18/2013	ND	
MW-20	d	2,4-Dinitrophenol	51-28-5	ug/L	12/18/2013	ND	
MW-21	d	2,4-Dinitrophenol	51-28-5	ug/L	12/18/2013	ND	
MW-22R	d	2,4-Dinitrophenol	51-28-5	ug/L	12/18/2013	ND	
MW-30R	d	2,4-Dinitrophenol	51-28-5	ug/L	12/18/2013	ND	
MW-18	d	2,4-Dinitrophenol	51-28-5	ug/L	6/24/2014	ND	
MW-29	d	2,4-Dinitrophenol	51-28-5	ug/L	7/24/2014	ND	
MW-57	d	2,4-Dinitrophenol	51-28-5	ug/L	7/24/2014	ND	
MW-58	d	2,4-Dinitrophenol	51-28-5	ug/L	7/24/2014	ND	
MW-33R	d	2,4-Dinitrophenol	51-28-5	ug/L	9/24/2014	ND	
MW-50	d	2,4-Dinitrophenol	51-28-5	ug/L	9/24/2014	ND	
MW-51	d	2,4-Dinitrophenol	51-28-5	ug/L	9/24/2014	ND	
MW-52	d	2,4-Dinitrophenol	51-28-5	ug/L	9/24/2014	ND	
MW-53	d	2,4-Dinitrophenol	51-28-5	ug/L	9/24/2014	ND	
MW-54	d	2,4-Dinitrophenol	51-28-5	ug/L	9/24/2014	ND	
MW-14R	d	2,4-Dinitrophenol	51-28-5	ug/L	12/4/2014	ND	
MW-19	d	2,4-Dinitrophenol	51-28-5	ug/L	12/4/2014	ND	
MW-28	d	2,4-Dinitrophenol	51-28-5	ug/L	12/4/2014	ND	
MW-56	d	2,4-Dinitrophenol	51-28-5	ug/L	12/4/2014	ND	
MW-55	d	2,4-Dinitrophenol	51-28-5	ug/L	3/11/2015	ND	
MW-20	d	2,4-Dinitrophenol	51-28-5	ug/L	4/3/2018	ND	
MW-21	d	2,4-Dinitrophenol	51-28-5	ug/L	4/3/2018	ND	
MW-30R	d	2,4-Dinitrophenol	51-28-5	ug/L	4/3/2018	ND	
MW-31R	d	2,4-Dinitrophenol	51-28-5	ug/L	4/3/2018	ND	
MW-32R	d	2,4-Dinitrophenol	51-28-5	ug/L	4/3/2018	ND	
MW-39	d	2,4-Dinitrophenol	51-28-5	ug/L	11/1/2018	ND	
MW-22R	d	2,4-Dinitrophenol	51-28-5	ug/L	11/2/2018	ND	
MW-18	d	2,4-Dinitrophenol	51-28-5	ug/L	5/16/2019	ND	
MW-19	d	2,4-Dinitrophenol	51-28-5	ug/L	5/16/2019	ND	
MW-28	d	2,4-Dinitrophenol	51-28-5	ug/L	5/16/2019	ND	
MW-50	d	2,4-Dinitrophenol	51-28-5	ug/L	5/20/2019	ND	
MW-51	d	2,4-Dinitrophenol	51-28-5	ug/L	5/20/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-52	d	2,4-Dinitrophenol	51-28-5	ug/L	5/20/2019	ND	
MW-53	d	2,4-Dinitrophenol	51-28-5	ug/L	5/20/2019	ND	
MW-54	d	2,4-Dinitrophenol	51-28-5	ug/L	5/20/2019	ND	
MW-56	d	2,4-Dinitrophenol	51-28-5	ug/L	5/20/2019	ND	
MW-14R	d	2,4-Dinitrophenol	51-28-5	ug/L	9/11/2019	ND*	
MW-29	d	2,4-Dinitrophenol	51-28-5	ug/L	9/11/2019	ND*	
MW-33R	d	2,4-Dinitrophenol	51-28-5	ug/L	9/11/2019	ND*	
MW-58	d	2,4-Dinitrophenol	51-28-5	ug/L	9/11/2019	ND*	
MW-55	d	2,4-Dinitrophenol	51-28-5	ug/L	11/12/2020	ND	
MW-39	d	2,4-Dinitrotoluene	121-14-2	ug/L	3/11/2013	ND	
MW-31R	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/10/2013	ND	
MW-32R	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/10/2013	ND	
MW-18	d	2,4-Dinitrotoluene	121-14-2	ug/L	12/18/2013	ND	
MW-20	d	2,4-Dinitrotoluene	121-14-2	ug/L	12/18/2013	ND	
MW-21	d	2,4-Dinitrotoluene	121-14-2	ug/L	12/18/2013	ND	
MW-22R	d	2,4-Dinitrotoluene	121-14-2	ug/L	12/18/2013	ND	
MW-30R	d	2,4-Dinitrotoluene	121-14-2	ug/L	12/18/2013	ND	
MW-18	d	2,4-Dinitrotoluene	121-14-2	ug/L	6/24/2014	ND	
MW-29	d	2,4-Dinitrotoluene	121-14-2	ug/L	7/24/2014	ND	
MW-57	d	2,4-Dinitrotoluene	121-14-2	ug/L	7/24/2014	ND	
MW-58	d	2,4-Dinitrotoluene	121-14-2	ug/L	7/24/2014	ND	
MW-33R	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/24/2014	ND	
MW-50	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/24/2014	ND	
MW-51	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/24/2014	ND	
MW-52	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/24/2014	ND	
MW-53	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/24/2014	ND	
MW-54	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/24/2014	ND	
MW-14R	d	2,4-Dinitrotoluene	121-14-2	ug/L	12/4/2014	ND	
MW-19	d	2,4-Dinitrotoluene	121-14-2	ug/L	12/4/2014	ND	
MW-28	d	2,4-Dinitrotoluene	121-14-2	ug/L	12/4/2014	ND	
MW-56	d	2,4-Dinitrotoluene	121-14-2	ug/L	12/4/2014	ND	
MW-55	d	2,4-Dinitrotoluene	121-14-2	ug/L	3/11/2015	ND	
MW-20	d	2,4-Dinitrotoluene	121-14-2	ug/L	4/3/2018	ND	
MW-21	d	2,4-Dinitrotoluene	121-14-2	ug/L	4/3/2018	ND	
MW-30R	d	2,4-Dinitrotoluene	121-14-2	ug/L	4/3/2018	ND	
MW-31R	d	2,4-Dinitrotoluene	121-14-2	ug/L	4/3/2018	ND	
MW-32R	d	2,4-Dinitrotoluene	121-14-2	ug/L	4/3/2018	ND	
MW-39	d	2,4-Dinitrotoluene	121-14-2	ug/L	11/1/2018	ND	
MW-22R	d	2,4-Dinitrotoluene	121-14-2	ug/L	11/2/2018	ND	
MW-18	d	2,4-Dinitrotoluene	121-14-2	ug/L	5/16/2019	ND	
MW-19	d	2,4-Dinitrotoluene	121-14-2	ug/L	5/16/2019	ND	
MW-28	d	2,4-Dinitrotoluene	121-14-2	ug/L	5/16/2019	ND	
MW-50	d	2,4-Dinitrotoluene	121-14-2	ug/L	5/20/2019	ND	
MW-51	d	2,4-Dinitrotoluene	121-14-2	ug/L	5/20/2019	ND	
MW-52	d	2,4-Dinitrotoluene	121-14-2	ug/L	5/20/2019	ND	
MW-53	d	2,4-Dinitrotoluene	121-14-2	ug/L	5/20/2019	ND	
MW-54	d	2,4-Dinitrotoluene	121-14-2	ug/L	5/20/2019	ND	
MW-56	d	2,4-Dinitrotoluene	121-14-2	ug/L	5/20/2019	ND	
MW-14R	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/11/2019	ND	
MW-29	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/11/2019	ND	
MW-33R	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/11/2019	ND	
MW-58	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/11/2019	ND	
MW-55	d	2,4-Dinitrotoluene	121-14-2	ug/L	11/12/2020	ND	
MW-39	d	2,6-Dichlorophenol	87-65-0	ug/L	3/11/2013	ND	
MW-31R	d	2,6-Dichlorophenol	87-65-0	ug/L	9/10/2013	ND	
MW-32R	d	2,6-Dichlorophenol	87-65-0	ug/L	9/10/2013	ND	
MW-18	d	2,6-Dichlorophenol	87-65-0	ug/L	12/18/2013	ND	
MW-20	d	2,6-Dichlorophenol	87-65-0	ug/L	12/18/2013	ND	
MW-21	d	2,6-Dichlorophenol	87-65-0	ug/L	12/18/2013	ND	
MW-22R	d	2,6-Dichlorophenol	87-65-0	ug/L	12/18/2013	ND	
MW-30R	d	2,6-Dichlorophenol	87-65-0	ug/L	12/18/2013	ND	
MW-18	d	2,6-Dichlorophenol	87-65-0	ug/L	6/24/2014	ND	
MW-29	d	2,6-Dichlorophenol	87-65-0	ug/L	7/24/2014	ND	
MW-57	d	2,6-Dichlorophenol	87-65-0	ug/L	7/24/2014	ND	
MW-58	d	2,6-Dichlorophenol	87-65-0	ug/L	7/24/2014	ND	
MW-33R	d	2,6-Dichlorophenol	87-65-0	ug/L	9/24/2014	ND	
MW-50	d	2,6-Dichlorophenol	87-65-0	ug/L	9/24/2014	ND	
MW-51	d	2,6-Dichlorophenol	87-65-0	ug/L	9/24/2014	ND	
MW-52	d	2,6-Dichlorophenol	87-65-0	ug/L	9/24/2014	ND	
MW-53	d	2,6-Dichlorophenol	87-65-0	ug/L	9/24/2014	ND	
MW-54	d	2,6-Dichlorophenol	87-65-0	ug/L	9/24/2014	ND	
MW-14R	d	2,6-Dichlorophenol	87-65-0	ug/L	12/4/2014	ND	
MW-19	d	2,6-Dichlorophenol	87-65-0	ug/L	12/4/2014	ND	
MW-28	d	2,6-Dichlorophenol	87-65-0	ug/L	12/4/2014	ND	
MW-56	d	2,6-Dichlorophenol	87-65-0	ug/L	12/4/2014	ND	
MW-55	d	2,6-Dichlorophenol	87-65-0	ug/L	3/11/2015	ND	
MW-20	d	2,6-Dichlorophenol	87-65-0	ug/L	4/3/2018	ND	
MW-21	d	2,6-Dichlorophenol	87-65-0	ug/L	4/3/2018	ND	
MW-30R	d	2,6-Dichlorophenol	87-65-0	ug/L	4/3/2018	ND	
MW-31R	d	2,6-Dichlorophenol	87-65-0	ug/L	4/3/2018	ND	
MW-32R	d	2,6-Dichlorophenol	87-65-0	ug/L	4/3/2018	ND	
MW-39	d	2,6-Dichlorophenol	87-65-0	ug/L	11/1/2018	ND	
MW-22R	d	2,6-Dichlorophenol	87-65-0	ug/L	11/2/2018	ND	
MW-18	d	2,6-Dichlorophenol	87-65-0	ug/L	5/16/2019	ND	
MW-19	d	2,6-Dichlorophenol	87-65-0	ug/L	5/16/2019	ND	
MW-28	d	2,6-Dichlorophenol	87-65-0	ug/L	5/16/2019	ND	
MW-50	d	2,6-Dichlorophenol	87-65-0	ug/L	5/20/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-51	d	2,6-Dichlorophenol	87-65-0	ug/L	5/20/2019	ND	
MW-52	d	2,6-Dichlorophenol	87-65-0	ug/L	5/20/2019	ND	
MW-53	d	2,6-Dichlorophenol	87-65-0	ug/L	5/20/2019	ND	
MW-54	d	2,6-Dichlorophenol	87-65-0	ug/L	5/20/2019	ND	
MW-56	d	2,6-Dichlorophenol	87-65-0	ug/L	5/20/2019	ND	
MW-14R	d	2,6-Dichlorophenol	87-65-0	ug/L	9/11/2019	ND	
MW-29	d	2,6-Dichlorophenol	87-65-0	ug/L	9/11/2019	ND	
MW-33R	d	2,6-Dichlorophenol	87-65-0	ug/L	9/11/2019	ND	
MW-58	d	2,6-Dichlorophenol	87-65-0	ug/L	9/11/2019	ND	
MW-55	d	2,6-Dichlorophenol	87-65-0	ug/L	11/12/2020	ND	
MW-39	d	2,6-Dinitrotoluene	606-20-2	ug/L	3/11/2013	ND	
MW-31R	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/10/2013	ND	
MW-32R	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/10/2013	ND	
MW-18	d	2,6-Dinitrotoluene	606-20-2	ug/L	12/18/2013	ND	
MW-20	d	2,6-Dinitrotoluene	606-20-2	ug/L	12/18/2013	ND	
MW-21	d	2,6-Dinitrotoluene	606-20-2	ug/L	12/18/2013	ND	
MW-22R	d	2,6-Dinitrotoluene	606-20-2	ug/L	12/18/2013	ND	
MW-30R	d	2,6-Dinitrotoluene	606-20-2	ug/L	12/18/2013	ND	
MW-18	d	2,6-Dinitrotoluene	606-20-2	ug/L	6/24/2014	ND	
MW-29	d	2,6-Dinitrotoluene	606-20-2	ug/L	7/24/2014	ND	
MW-57	d	2,6-Dinitrotoluene	606-20-2	ug/L	7/24/2014	ND	
MW-58	d	2,6-Dinitrotoluene	606-20-2	ug/L	7/24/2014	ND	
MW-33R	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/24/2014	ND	
MW-50	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/24/2014	ND	
MW-51	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/24/2014	ND	
MW-52	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/24/2014	ND	
MW-53	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/24/2014	ND	
MW-54	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/24/2014	ND	
MW-14R	d	2,6-Dinitrotoluene	606-20-2	ug/L	12/4/2014	ND	
MW-19	d	2,6-Dinitrotoluene	606-20-2	ug/L	12/4/2014	ND	
MW-28	d	2,6-Dinitrotoluene	606-20-2	ug/L	12/4/2014	ND	
MW-56	d	2,6-Dinitrotoluene	606-20-2	ug/L	12/4/2014	ND	
MW-55	d	2,6-Dinitrotoluene	606-20-2	ug/L	3/11/2015	ND	
MW-20	d	2,6-Dinitrotoluene	606-20-2	ug/L	4/3/2018	ND	
MW-21	d	2,6-Dinitrotoluene	606-20-2	ug/L	4/3/2018	ND	
MW-30R	d	2,6-Dinitrotoluene	606-20-2	ug/L	4/3/2018	ND	
MW-31R	d	2,6-Dinitrotoluene	606-20-2	ug/L	4/3/2018	ND	
MW-32R	d	2,6-Dinitrotoluene	606-20-2	ug/L	4/3/2018	ND	
MW-39	d	2,6-Dinitrotoluene	606-20-2	ug/L	11/1/2018	ND	
MW-22R	d	2,6-Dinitrotoluene	606-20-2	ug/L	11/2/2018	ND	
MW-18	d	2,6-Dinitrotoluene	606-20-2	ug/L	5/16/2019	ND	
MW-19	d	2,6-Dinitrotoluene	606-20-2	ug/L	5/16/2019	ND	
MW-28	d	2,6-Dinitrotoluene	606-20-2	ug/L	5/16/2019	ND	
MW-50	d	2,6-Dinitrotoluene	606-20-2	ug/L	5/20/2019	ND	
MW-51	d	2,6-Dinitrotoluene	606-20-2	ug/L	5/20/2019	ND	
MW-52	d	2,6-Dinitrotoluene	606-20-2	ug/L	5/20/2019	ND	
MW-53	d	2,6-Dinitrotoluene	606-20-2	ug/L	5/20/2019	ND	
MW-54	d	2,6-Dinitrotoluene	606-20-2	ug/L	5/20/2019	ND	
MW-56	d	2,6-Dinitrotoluene	606-20-2	ug/L	5/20/2019	ND	
MW-14R	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/11/2019	ND	
MW-29	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/11/2019	ND	
MW-33R	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/11/2019	ND	
MW-58	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/11/2019	ND	
MW-55	d	2,6-Dinitrotoluene	606-20-2	ug/L	11/12/2020	ND	
MW-39	d	2-Acetylaminofluorene	53-96-3	ug/L	3/11/2013	ND	
MW-31R	d	2-Acetylaminofluorene	53-96-3	ug/L	9/10/2013	ND	
MW-32R	d	2-Acetylaminofluorene	53-96-3	ug/L	9/10/2013	ND	
MW-18	d	2-Acetylaminofluorene	53-96-3	ug/L	12/18/2013	ND	
MW-20	d	2-Acetylaminofluorene	53-96-3	ug/L	12/18/2013	ND	
MW-21	d	2-Acetylaminofluorene	53-96-3	ug/L	12/18/2013	ND	
MW-22R	d	2-Acetylaminofluorene	53-96-3	ug/L	12/18/2013	ND	
MW-30R	d	2-Acetylaminofluorene	53-96-3	ug/L	12/18/2013	ND	
MW-18	d	2-Acetylaminofluorene	53-96-3	ug/L	6/24/2014	ND	
MW-29	d	2-Acetylaminofluorene	53-96-3	ug/L	7/24/2014	ND	
MW-57	d	2-Acetylaminofluorene	53-96-3	ug/L	7/24/2014	ND	
MW-58	d	2-Acetylaminofluorene	53-96-3	ug/L	7/24/2014	ND	
MW-33R	d	2-Acetylaminofluorene	53-96-3	ug/L	9/24/2014	ND	
MW-50	d	2-Acetylaminofluorene	53-96-3	ug/L	9/24/2014	ND	
MW-51	d	2-Acetylaminofluorene	53-96-3	ug/L	9/24/2014	ND	
MW-52	d	2-Acetylaminofluorene	53-96-3	ug/L	9/24/2014	ND	
MW-53	d	2-Acetylaminofluorene	53-96-3	ug/L	9/24/2014	ND	
MW-54	d	2-Acetylaminofluorene	53-96-3	ug/L	9/24/2014	ND	
MW-14R	d	2-Acetylaminofluorene	53-96-3	ug/L	12/4/2014	ND	
MW-19	d	2-Acetylaminofluorene	53-96-3	ug/L	12/4/2014	ND	
MW-28	d	2-Acetylaminofluorene	53-96-3	ug/L	12/4/2014	ND	
MW-56	d	2-Acetylaminofluorene	53-96-3	ug/L	12/4/2014	ND	
MW-55	d	2-Acetylaminofluorene	53-96-3	ug/L	3/11/2015	ND	
MW-20	d	2-Acetylaminofluorene	53-96-3	ug/L	4/3/2018	ND	
MW-21	d	2-Acetylaminofluorene	53-96-3	ug/L	4/3/2018	ND	
MW-30R	d	2-Acetylaminofluorene	53-96-3	ug/L	4/3/2018	ND	
MW-31R	d	2-Acetylaminofluorene	53-96-3	ug/L	4/3/2018	ND	
MW-32R	d	2-Acetylaminofluorene	53-96-3	ug/L	4/3/2018	ND	
MW-39	d	2-Acetylaminofluorene	53-96-3	ug/L	11/1/2018	ND	
MW-22R	d	2-Acetylaminofluorene	53-96-3	ug/L	11/2/2018	ND	
MW-18	d	2-Acetylaminofluorene	53-96-3	ug/L	5/16/2019	ND	
MW-19	d	2-Acetylaminofluorene	53-96-3	ug/L	5/16/2019	ND	
MW-28	d	2-Acetylaminofluorene	53-96-3	ug/L	5/16/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	2-Acetylaminofluorene	53-96-3	ug/L	5/20/2019	ND	
MW-51	d	2-Acetylaminofluorene	53-96-3	ug/L	5/20/2019	ND	
MW-52	d	2-Acetylaminofluorene	53-96-3	ug/L	5/20/2019	ND	
MW-53	d	2-Acetylaminofluorene	53-96-3	ug/L	5/20/2019	ND	
MW-54	d	2-Acetylaminofluorene	53-96-3	ug/L	5/20/2019	ND	
MW-56	d	2-Acetylaminofluorene	53-96-3	ug/L	5/20/2019	ND	
MW-14R	d	2-Acetylaminofluorene	53-96-3	ug/L	9/11/2019	ND	
MW-29	d	2-Acetylaminofluorene	53-96-3	ug/L	9/11/2019	ND	
MW-33R	d	2-Acetylaminofluorene	53-96-3	ug/L	9/11/2019	ND	
MW-58	d	2-Acetylaminofluorene	53-96-3	ug/L	9/11/2019	ND	
MW-55	d	2-Acetylaminofluorene	53-96-3	ug/L	11/12/2020	ND	
MW-51	d	2-Butanone	78-93-3	ug/L	1/15/2010	ND	
MW-24R	u	2-Butanone	78-93-3	ug/L	2/11/2010	ND	
MW-53	d	2-Butanone	78-93-3	ug/L	2/11/2010	ND	
GU-3A	d	2-Butanone	78-93-3	ug/L	3/24/2010	ND	
MW-20	d	2-Butanone	78-93-3	ug/L	3/24/2010	ND	
MW-21	d	2-Butanone	78-93-3	ug/L	3/24/2010	ND	
MW-22R	d	2-Butanone	78-93-3	ug/L	3/24/2010	ND	
MW-52	d	2-Butanone	78-93-3	ug/L	3/24/2010	ND	
MW-54	d	2-Butanone	78-93-3	ug/L	3/24/2010	ND	
MW-55	d	2-Butanone	78-93-3	ug/L	3/24/2010	ND	
MW-28	d	2-Butanone	78-93-3	ug/L	4/9/2010	ND	
MW-33R	d	2-Butanone	78-93-3	ug/L	4/9/2010	ND	
MW-50	d	2-Butanone	78-93-3	ug/L	4/9/2010	ND	
MW-56	d	2-Butanone	78-93-3	ug/L	4/9/2010	ND	
MW-57	d	2-Butanone	78-93-3	ug/L	4/9/2010	ND	
MW-58	d	2-Butanone	78-93-3	ug/L	4/9/2010	ND	
MW-32R	d	2-Butanone	78-93-3	ug/L	5/18/2010	ND	
MW-14R	d	2-Butanone	78-93-3	ug/L	6/17/2010	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	6/17/2010	ND	
MW-29	d	2-Butanone	78-93-3	ug/L	6/17/2010	ND	
MW-30R	d	2-Butanone	78-93-3	ug/L	6/17/2010	ND	
MW-31R	d	2-Butanone	78-93-3	ug/L	6/17/2010	ND	
MW-51	d	2-Butanone	78-93-3	ug/L	6/17/2010	ND	
MW-21	d	2-Butanone	78-93-3	ug/L	7/21/2010	ND	
MW-54	d	2-Butanone	78-93-3	ug/L	7/21/2010	ND	
MW-20	d	2-Butanone	78-93-3	ug/L	8/17/2010	ND	
MW-29	d	2-Butanone	78-93-3	ug/L	8/17/2010	ND	
MW-39	d	2-Butanone	78-93-3	ug/L	8/17/2010	ND	
MW-51	d	2-Butanone	78-93-3	ug/L	8/17/2010	ND	
GU-3A	d	2-Butanone	78-93-3	ug/L	9/17/2010		207
MW-22R	d	2-Butanone	78-93-3	ug/L	9/17/2010	ND	
MW-55	d	2-Butanone	78-93-3	ug/L	9/17/2010	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	10/22/2010	ND	
MW-24R	u	2-Butanone	78-93-3	ug/L	10/22/2010	ND	
MW-30R	d	2-Butanone	78-93-3	ug/L	10/22/2010	ND	
MW-31R	d	2-Butanone	78-93-3	ug/L	10/22/2010	ND	
MW-50	d	2-Butanone	78-93-3	ug/L	10/22/2010	ND	
MW-53	d	2-Butanone	78-93-3	ug/L	10/22/2010	ND	
MW-56	d	2-Butanone	78-93-3	ug/L	10/22/2010	ND	
MW-58	d	2-Butanone	78-93-3	ug/L	10/22/2010	ND	
MW-14R	d	2-Butanone	78-93-3	ug/L	11/8/2010	ND	
MW-32R	d	2-Butanone	78-93-3	ug/L	11/8/2010	ND	
MW-57	d	2-Butanone	78-93-3	ug/L	11/8/2010	ND	
MW-28	d	2-Butanone	78-93-3	ug/L	12/15/2010	ND	
MW-33R	d	2-Butanone	78-93-3	ug/L	12/15/2010	ND	
MW-52	d	2-Butanone	78-93-3	ug/L	12/15/2010	ND	
MW-54	d	2-Butanone	78-93-3	ug/L	1/12/2011	ND	
MW-54	d	2-Butanone	78-93-3	ug/L	1/12/2011	ND	
MW-20	d	2-Butanone	78-93-3	ug/L	2/22/2011	ND	
MW-22R	d	2-Butanone	78-93-3	ug/L	2/22/2011	ND	
MW-51	d	2-Butanone	78-93-3	ug/L	2/22/2011	ND	
MW-52	d	2-Butanone	78-93-3	ug/L	2/22/2011	ND	
MW-53	d	2-Butanone	78-93-3	ug/L	2/22/2011	ND	
MW-55	d	2-Butanone	78-93-3	ug/L	2/22/2011	ND	
GU-3A	d	2-Butanone	78-93-3	ug/L	3/2/2011	ND	
MW-21	d	2-Butanone	78-93-3	ug/L	3/2/2011	ND	
MW-21	d	2-Butanone	78-93-3	ug/L	3/2/2011	ND	
MW-29	d	2-Butanone	78-93-3	ug/L	4/21/2011	ND	
MW-30R	d	2-Butanone	78-93-3	ug/L	4/21/2011	ND	
MW-31R	d	2-Butanone	78-93-3	ug/L	4/21/2011	ND	
MW-31R	d	2-Butanone	78-93-3	ug/L	4/21/2011	ND	
MW-32R	d	2-Butanone	78-93-3	ug/L	4/21/2011	ND	
MW-54	d	2-Butanone	78-93-3	ug/L	5/31/2011	ND	
MW-56	d	2-Butanone	78-93-3	ug/L	5/31/2011	ND	
MW-57	d	2-Butanone	78-93-3	ug/L	5/31/2011	ND	
MW-58	d	2-Butanone	78-93-3	ug/L	5/31/2011	ND	
MW-14R	d	2-Butanone	78-93-3	ug/L	6/7/2011	ND	
MW-14R	d	2-Butanone	78-93-3	ug/L	6/7/2011	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	6/7/2011	ND	
MW-28	d	2-Butanone	78-93-3	ug/L	6/7/2011	ND	
MW-33R	d	2-Butanone	78-93-3	ug/L	6/7/2011	ND	
MW-39	d	2-Butanone	78-93-3	ug/L	6/7/2011	ND	
MW-50	d	2-Butanone	78-93-3	ug/L	6/7/2011	ND	
MW-52	d	2-Butanone	78-93-3	ug/L	7/22/2011	ND	
MW-56	d	2-Butanone	78-93-3	ug/L	7/22/2011	ND	
MW-58	d	2-Butanone	78-93-3	ug/L	7/22/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	2-Butanone	78-93-3	ug/L	8/29/2011	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	8/29/2011	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	8/29/2011	ND	
MW-32R	d	2-Butanone	78-93-3	ug/L	8/29/2011	ND	
GU-3A	d	2-Butanone	78-93-3	ug/L	9/9/2011		28.3
MW-22R	d	2-Butanone	78-93-3	ug/L	9/9/2011	ND	
MW-28	d	2-Butanone	78-93-3	ug/L	9/9/2011	ND	
MW-29	d	2-Butanone	78-93-3	ug/L	9/9/2011	ND	
MW-51	d	2-Butanone	78-93-3	ug/L	9/9/2011	ND	
MW-53	d	2-Butanone	78-93-3	ug/L	9/9/2011	ND	
MW-53	d	2-Butanone	78-93-3	ug/L	9/9/2011	ND	
MW-21	d	2-Butanone	78-93-3	ug/L	10/4/2011	ND	
MW-50	d	2-Butanone	78-93-3	ug/L	10/4/2011	ND	
MW-50	d	2-Butanone	78-93-3	ug/L	10/4/2011	ND	
MW-54	d	2-Butanone	78-93-3	ug/L	10/4/2011	ND	
MW-57	d	2-Butanone	78-93-3	ug/L	10/4/2011	ND	
MW-20	d	2-Butanone	78-93-3	ug/L	11/29/2011	ND	
MW-30R	d	2-Butanone	78-93-3	ug/L	11/29/2011	ND	
MW-52	d	2-Butanone	78-93-3	ug/L	11/29/2011	ND	
MW-55	d	2-Butanone	78-93-3	ug/L	11/29/2011	ND	
MW-31R	d	2-Butanone	78-93-3	ug/L	12/16/2011	ND	
MW-33R	d	2-Butanone	78-93-3	ug/L	12/16/2011	ND	
MW-39	d	2-Butanone	78-93-3	ug/L	12/16/2011	ND	
MW-14R	d	2-Butanone	78-93-3	ug/L	3/8/2012	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	3/8/2012	ND	
MW-20	d	2-Butanone	78-93-3	ug/L	3/8/2012	ND	
MW-21	d	2-Butanone	78-93-3	ug/L	3/8/2012	ND	
MW-22R	d	2-Butanone	78-93-3	ug/L	3/8/2012	ND	
MW-28	d	2-Butanone	78-93-3	ug/L	3/8/2012	ND	
MW-39	d	2-Butanone	78-93-3	ug/L	3/8/2012	ND	
MW-55	d	2-Butanone	78-93-3	ug/L	3/8/2012	ND	
MW-56	d	2-Butanone	78-93-3	ug/L	3/8/2012	ND	
MW-57	d	2-Butanone	78-93-3	ug/L	3/8/2012	ND	
MW-58	d	2-Butanone	78-93-3	ug/L	3/8/2012	ND	
GU-3A	d	2-Butanone	78-93-3	ug/L	6/13/2012	ND	
MW-29	d	2-Butanone	78-93-3	ug/L	6/13/2012	ND	
MW-30R	d	2-Butanone	78-93-3	ug/L	6/13/2012	ND	
MW-31R	d	2-Butanone	78-93-3	ug/L	6/13/2012	ND	
MW-32R	d	2-Butanone	78-93-3	ug/L	6/13/2012	ND	
MW-33R	d	2-Butanone	78-93-3	ug/L	6/13/2012	ND	
MW-50	d	2-Butanone	78-93-3	ug/L	6/13/2012	ND	
MW-50	d	2-Butanone	78-93-3	ug/L	6/13/2012	ND	
MW-51	d	2-Butanone	78-93-3	ug/L	6/13/2012	ND	
MW-52	d	2-Butanone	78-93-3	ug/L	6/13/2012	ND	
MW-53	d	2-Butanone	78-93-3	ug/L	6/13/2012	ND	
MW-54	d	2-Butanone	78-93-3	ug/L	6/13/2012	ND	
GU-3A	d	2-Butanone	78-93-3	ug/L	9/4/2012	ND	
MW-20	d	2-Butanone	78-93-3	ug/L	9/4/2012	ND	
MW-21	d	2-Butanone	78-93-3	ug/L	9/4/2012	ND	
MW-22R	d	2-Butanone	78-93-3	ug/L	9/4/2012	ND	
MW-50	d	2-Butanone	78-93-3	ug/L	9/4/2012	ND	
MW-51	d	2-Butanone	78-93-3	ug/L	9/4/2012	ND	
MW-52	d	2-Butanone	78-93-3	ug/L	9/4/2012	ND	
MW-53	d	2-Butanone	78-93-3	ug/L	9/4/2012	ND	
MW-54	d	2-Butanone	78-93-3	ug/L	9/4/2012	ND	
MW-54	d	2-Butanone	78-93-3	ug/L	9/4/2012	ND	
MW-57	d	2-Butanone	78-93-3	ug/L	9/4/2012	ND	
MW-58	d	2-Butanone	78-93-3	ug/L	9/4/2012	ND	
MW-14R	d	2-Butanone	78-93-3	ug/L	12/19/2012	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	12/19/2012	ND	
MW-28	d	2-Butanone	78-93-3	ug/L	12/19/2012	ND	
MW-29	d	2-Butanone	78-93-3	ug/L	12/19/2012	ND	
MW-30R	d	2-Butanone	78-93-3	ug/L	12/19/2012	ND	
MW-31R	d	2-Butanone	78-93-3	ug/L	12/19/2012	ND	
MW-32R	d	2-Butanone	78-93-3	ug/L	12/19/2012	ND	
MW-33R	d	2-Butanone	78-93-3	ug/L	12/19/2012	ND	
MW-33R	d	2-Butanone	78-93-3	ug/L	12/19/2012	ND	
MW-39	d	2-Butanone	78-93-3	ug/L	12/19/2012	ND	
MW-55	d	2-Butanone	78-93-3	ug/L	12/19/2012	ND	
MW-56	d	2-Butanone	78-93-3	ug/L	12/19/2012	ND	
MW-14R	d	2-Butanone	78-93-3	ug/L	3/11/2013	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	3/11/2013	ND	
MW-28	d	2-Butanone	78-93-3	ug/L	3/11/2013	ND	
MW-39	d	2-Butanone	78-93-3	ug/L	3/11/2013	ND	
MW-50	d	2-Butanone	78-93-3	ug/L	3/11/2013	ND	
MW-50	d	2-Butanone	78-93-3	ug/L	3/11/2013	ND	
MW-51	d	2-Butanone	78-93-3	ug/L	3/11/2013	ND	
MW-52	d	2-Butanone	78-93-3	ug/L	3/11/2013	ND	
MW-53	d	2-Butanone	78-93-3	ug/L	3/11/2013	ND	
MW-54	d	2-Butanone	78-93-3	ug/L	3/11/2013	ND	
MW-55	d	2-Butanone	78-93-3	ug/L	3/11/2013	ND	
MW-56	d	2-Butanone	78-93-3	ug/L	3/11/2013	ND	
MW-20	d	2-Butanone	78-93-3	ug/L	6/10/2013	ND	
MW-20	d	2-Butanone	78-93-3	ug/L	6/10/2013	ND	
MW-21	d	2-Butanone	78-93-3	ug/L	6/10/2013	ND	
MW-22R	d	2-Butanone	78-93-3	ug/L	6/10/2013	ND	
MW-29	d	2-Butanone	78-93-3	ug/L	6/10/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	2-Butanone	78-93-3	ug/L	6/10/2013	ND	
MW-31R	d	2-Butanone	78-93-3	ug/L	6/10/2013	ND	
MW-32R	d	2-Butanone	78-93-3	ug/L	6/10/2013	ND	
MW-33R	d	2-Butanone	78-93-3	ug/L	6/10/2013	ND	
MW-57	d	2-Butanone	78-93-3	ug/L	6/10/2013	ND	
MW-58	d	2-Butanone	78-93-3	ug/L	6/10/2013	ND	
GU-3A	d	2-Butanone	78-93-3	ug/L	9/10/2013	J	1.32
MW-31R	d	2-Butanone	78-93-3	ug/L	9/10/2013	ND	
MW-31R	d	2-Butanone	78-93-3	ug/L	9/10/2013	ND	
MW-32R	d	2-Butanone	78-93-3	ug/L	9/10/2013	ND	
MW-33R	d	2-Butanone	78-93-3	ug/L	9/10/2013	ND	
MW-50	d	2-Butanone	78-93-3	ug/L	9/10/2013	ND	
MW-51	d	2-Butanone	78-93-3	ug/L	9/10/2013	ND	
MW-52	d	2-Butanone	78-93-3	ug/L	9/10/2013	ND	
MW-53	d	2-Butanone	78-93-3	ug/L	9/10/2013	J	2.07
MW-54	d	2-Butanone	78-93-3	ug/L	9/10/2013	ND	
MW-14R	d	2-Butanone	78-93-3	ug/L	12/18/2013	ND	
MW-18	d	2-Butanone	78-93-3	ug/L	12/18/2013	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	12/18/2013	ND	
MW-20	d	2-Butanone	78-93-3	ug/L	12/18/2013	ND	
MW-21	d	2-Butanone	78-93-3	ug/L	12/18/2013	ND	
MW-22R	d	2-Butanone	78-93-3	ug/L	12/18/2013	ND	
MW-28	d	2-Butanone	78-93-3	ug/L	12/18/2013	ND	
MW-30R	d	2-Butanone	78-93-3	ug/L	12/18/2013	ND	
MW-39	d	2-Butanone	78-93-3	ug/L	12/18/2013	ND	
MW-39	d	2-Butanone	78-93-3	ug/L	12/18/2013	ND	
MW-55	d	2-Butanone	78-93-3	ug/L	12/18/2013	ND	
MW-18	d	2-Butanone	78-93-3	ug/L	3/20/2014	ND	
MW-20	d	2-Butanone	78-93-3	ug/L	3/20/2014	ND	
MW-21	d	2-Butanone	78-93-3	ug/L	3/20/2014	ND	
MW-21	d	2-Butanone	78-93-3	ug/L	3/20/2014	ND	
MW-22R	d	2-Butanone	78-93-3	ug/L	3/20/2014	ND	
MW-30R	d	2-Butanone	78-93-3	ug/L	3/20/2014	ND	
MW-31R	d	2-Butanone	78-93-3	ug/L	3/20/2014	ND	
MW-32R	d	2-Butanone	78-93-3	ug/L	3/20/2014	ND	
MW-33R	d	2-Butanone	78-93-3	ug/L	3/20/2014	ND	
MW-14R	d	2-Butanone	78-93-3	ug/L	6/24/2014	ND	
MW-14R	d	2-Butanone	78-93-3	ug/L	6/24/2014	ND	
MW-18	d	2-Butanone	78-93-3	ug/L	6/24/2014	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	6/24/2014	ND	
MW-28	d	2-Butanone	78-93-3	ug/L	6/24/2014	ND	
MW-39	d	2-Butanone	78-93-3	ug/L	6/24/2014	ND	
MW-50	d	2-Butanone	78-93-3	ug/L	6/24/2014	ND	
MW-51	d	2-Butanone	78-93-3	ug/L	6/24/2014	ND	
MW-52	d	2-Butanone	78-93-3	ug/L	6/24/2014	ND	
MW-53	d	2-Butanone	78-93-3	ug/L	6/24/2014	ND	
MW-54	d	2-Butanone	78-93-3	ug/L	6/24/2014	J	1.92
MW-55	d	2-Butanone	78-93-3	ug/L	6/24/2014	ND	
MW-58	d	2-Butanone	78-93-3	ug/L	6/24/2014	ND	
MW-29	d	2-Butanone	78-93-3	ug/L	7/24/2014	ND	
MW-56	d	2-Butanone	78-93-3	ug/L	7/24/2014	ND	
MW-57	d	2-Butanone	78-93-3	ug/L	7/24/2014	ND	
GU-3A	d	2-Butanone	78-93-3	ug/L	9/24/2014	ND	
MW-18	d	2-Butanone	78-93-3	ug/L	9/24/2014	ND	
MW-29	d	2-Butanone	78-93-3	ug/L	9/24/2014	ND	
MW-30R	d	2-Butanone	78-93-3	ug/L	9/24/2014	ND	
MW-31R	d	2-Butanone	78-93-3	ug/L	9/24/2014	ND	
MW-31R	d	2-Butanone	78-93-3	ug/L	9/24/2014	ND	
MW-32R	d	2-Butanone	78-93-3	ug/L	9/24/2014	ND	
MW-33R	d	2-Butanone	78-93-3	ug/L	9/24/2014	ND	
MW-50	d	2-Butanone	78-93-3	ug/L	9/24/2014	ND	
MW-51	d	2-Butanone	78-93-3	ug/L	9/24/2014	ND	
MW-52	d	2-Butanone	78-93-3	ug/L	9/24/2014	ND	
MW-53	d	2-Butanone	78-93-3	ug/L	9/24/2014	ND	
MW-54	d	2-Butanone	78-93-3	ug/L	9/24/2014	ND	
MW-14R	d	2-Butanone	78-93-3	ug/L	12/4/2014	ND	
MW-18	d	2-Butanone	78-93-3	ug/L	12/4/2014	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	12/4/2014	ND	
MW-20	d	2-Butanone	78-93-3	ug/L	12/4/2014	ND	
MW-21	d	2-Butanone	78-93-3	ug/L	12/4/2014	ND	
MW-22R	d	2-Butanone	78-93-3	ug/L	12/4/2014	ND	
MW-28	d	2-Butanone	78-93-3	ug/L	12/4/2014	ND	
MW-39	d	2-Butanone	78-93-3	ug/L	12/4/2014	ND	
MW-56	d	2-Butanone	78-93-3	ug/L	12/4/2014	ND	
MW-57	d	2-Butanone	78-93-3	ug/L	12/4/2014	ND	
MW-57	d	2-Butanone	78-93-3	ug/L	12/4/2014	ND	
MW-58	d	2-Butanone	78-93-3	ug/L	12/4/2014	ND	
MW-14R	d	2-Butanone	78-93-3	ug/L	3/11/2015	ND	
MW-18	d	2-Butanone	78-93-3	ug/L	3/11/2015	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	3/11/2015	ND	
MW-20	d	2-Butanone	78-93-3	ug/L	3/11/2015	ND	
MW-21	d	2-Butanone	78-93-3	ug/L	3/11/2015	ND	
MW-22R	d	2-Butanone	78-93-3	ug/L	3/11/2015	ND	
MW-28	d	2-Butanone	78-93-3	ug/L	3/11/2015	ND	
MW-39	d	2-Butanone	78-93-3	ug/L	3/11/2015	ND	
MW-55	d	2-Butanone	78-93-3	ug/L	3/11/2015	ND	
MW-56	d	2-Butanone	78-93-3	ug/L	3/11/2015	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57	d	2-Butanone	78-93-3	ug/L	3/11/2015	ND	
MW-58	d	2-Butanone	78-93-3	ug/L	3/11/2015	ND	
MW-58	d	2-Butanone	78-93-3	ug/L	3/11/2015	ND	
MW-29	d	2-Butanone	78-93-3	ug/L	6/29/2015	ND	
MW-30R	d	2-Butanone	78-93-3	ug/L	6/29/2015	ND	
MW-31R	d	2-Butanone	78-93-3	ug/L	6/29/2015	ND	
MW-31R	d	2-Butanone	78-93-3	ug/L	6/29/2015	ND	
MW-32R	d	2-Butanone	78-93-3	ug/L	6/29/2015	ND	
MW-33R	d	2-Butanone	78-93-3	ug/L	6/29/2015	ND	
MW-50	d	2-Butanone	78-93-3	ug/L	6/29/2015	ND	
MW-51	d	2-Butanone	78-93-3	ug/L	6/29/2015	ND	
MW-52	d	2-Butanone	78-93-3	ug/L	6/29/2015	ND	
MW-53	d	2-Butanone	78-93-3	ug/L	6/29/2015	ND	
MW-54	d	2-Butanone	78-93-3	ug/L	6/29/2015	ND	
GU-3A	d	2-Butanone	78-93-3	ug/L	9/22/2015	ND	
MW-14R	d	2-Butanone	78-93-3	ug/L	2/15/2016	ND	
MW-14R	d	2-Butanone	78-93-3	ug/L	2/15/2016	ND	
MW-18	d	2-Butanone	78-93-3	ug/L	2/15/2016	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	2/15/2016	ND	
MW-39	d	2-Butanone	78-93-3	ug/L	2/15/2016	J	0.819
MW-20	d	2-Butanone	78-93-3	ug/L	2/16/2016	ND	
MW-21	d	2-Butanone	78-93-3	ug/L	2/16/2016	ND	
MW-55	d	2-Butanone	78-93-3	ug/L	2/16/2016	ND	
MW-56	d	2-Butanone	78-93-3	ug/L	2/16/2016	ND	
MW-57	d	2-Butanone	78-93-3	ug/L	2/16/2016	ND	
MW-58	d	2-Butanone	78-93-3	ug/L	2/16/2016	ND	
MW-22R	d	2-Butanone	78-93-3	ug/L	2/17/2016	ND	
MW-28	d	2-Butanone	78-93-3	ug/L	8/25/2016	ND	
MW-29	d	2-Butanone	78-93-3	ug/L	8/25/2016	ND	
MW-30R	d	2-Butanone	78-93-3	ug/L	8/25/2016	ND	
MW-31R	d	2-Butanone	78-93-3	ug/L	8/25/2016	ND	
MW-32R	d	2-Butanone	78-93-3	ug/L	8/25/2016	ND	
MW-33R	d	2-Butanone	78-93-3	ug/L	8/25/2016	ND	
MW-50	d	2-Butanone	78-93-3	ug/L	8/25/2016	ND	
MW-51	d	2-Butanone	78-93-3	ug/L	8/25/2016	ND	
MW-52	d	2-Butanone	78-93-3	ug/L	8/25/2016	ND	
MW-53	d	2-Butanone	78-93-3	ug/L	8/25/2016	ND	
MW-54	d	2-Butanone	78-93-3	ug/L	8/25/2016	ND	
GU-3A	d	2-Butanone	78-93-3	ug/L	8/26/2016	ND	
MW-18	d	2-Butanone	78-93-3	ug/L	1/17/2017	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	1/17/2017	ND	
MW-22R	d	2-Butanone	78-93-3	ug/L	1/17/2017	ND	
MW-28	d	2-Butanone	78-93-3	ug/L	1/17/2017	ND	
MW-28	d	2-Butanone	78-93-3	ug/L	1/17/2017	ND	
MW-39	d	2-Butanone	78-93-3	ug/L	1/17/2017	ND	
MW-50	d	2-Butanone	78-93-3	ug/L	1/17/2017	ND	
MW-51	d	2-Butanone	78-93-3	ug/L	1/17/2017	ND	
MW-53	d	2-Butanone	78-93-3	ug/L	1/17/2017	ND	
MW-54	d	2-Butanone	78-93-3	ug/L	1/17/2017	ND	
MW-56	d	2-Butanone	78-93-3	ug/L	1/17/2017	ND	
GU-3A	d	2-Butanone	78-93-3	ug/L	7/10/2017	ND	
MW-14R	d	2-Butanone	78-93-3	ug/L	7/10/2017	ND	
MW-20	d	2-Butanone	78-93-3	ug/L	7/10/2017	ND	
MW-21	d	2-Butanone	78-93-3	ug/L	7/10/2017	ND	
MW-29	d	2-Butanone	78-93-3	ug/L	7/10/2017	J	3.59
MW-30R	d	2-Butanone	78-93-3	ug/L	7/10/2017	ND	
MW-31R	d	2-Butanone	78-93-3	ug/L	7/10/2017	ND	
MW-32R	d	2-Butanone	78-93-3	ug/L	7/10/2017	ND	
MW-32R	d	2-Butanone	78-93-3	ug/L	7/10/2017	ND	
MW-33R	d	2-Butanone	78-93-3	ug/L	7/10/2017	ND	
MW-57	d	2-Butanone	78-93-3	ug/L	7/10/2017	ND	
MW-58	d	2-Butanone	78-93-3	ug/L	7/10/2017	ND	
MW-52	d	2-Butanone	78-93-3	ug/L	10/17/2017	ND	
MW-55	d	2-Butanone	78-93-3	ug/L	10/17/2017	ND	
GU-3A	d	2-Butanone	78-93-3	ug/L	4/3/2018	J	1.52
GU-3A	d	2-Butanone	78-93-3	ug/L	4/3/2018	J	1.13
MW-14R	d	2-Butanone	78-93-3	ug/L	4/3/2018	ND	
MW-20	d	2-Butanone	78-93-3	ug/L	4/3/2018	ND	
MW-21	d	2-Butanone	78-93-3	ug/L	4/3/2018	ND	
MW-29	d	2-Butanone	78-93-3	ug/L	4/3/2018	J	2.13
MW-30R	d	2-Butanone	78-93-3	ug/L	4/3/2018	ND	
MW-31R	d	2-Butanone	78-93-3	ug/L	4/3/2018	ND	
MW-32R	d	2-Butanone	78-93-3	ug/L	4/3/2018	ND	
MW-33R	d	2-Butanone	78-93-3	ug/L	4/3/2018	ND	
MW-33R	d	2-Butanone	78-93-3	ug/L	4/3/2018	ND	
MW-57	d	2-Butanone	78-93-3	ug/L	4/3/2018	ND	
MW-58	d	2-Butanone	78-93-3	ug/L	4/3/2018	ND	
MW-39	d	2-Butanone	78-93-3	ug/L	11/1/2018	ND	
MW-50	d	2-Butanone	78-93-3	ug/L	11/1/2018	ND	
MW-51	d	2-Butanone	78-93-3	ug/L	11/1/2018	ND	
MW-52	d	2-Butanone	78-93-3	ug/L	11/1/2018	ND	
MW-53	d	2-Butanone	78-93-3	ug/L	11/1/2018	ND	
MW-54	d	2-Butanone	78-93-3	ug/L	11/1/2018	ND	
MW-55	d	2-Butanone	78-93-3	ug/L	11/1/2018	ND	
MW-18	d	2-Butanone	78-93-3	ug/L	11/2/2018	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	11/2/2018	ND	
MW-22R	d	2-Butanone	78-93-3	ug/L	11/2/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-28	d	2-Butanone	78-93-3	ug/L	11/2/2018	ND	
MW-56	d	2-Butanone	78-93-3	ug/L	11/2/2018	NDH	
MW-18	d	2-Butanone	78-93-3	ug/L	5/16/2019	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	5/16/2019	ND	
MW-23	u	2-Butanone	78-93-3	ug/L	5/16/2019	ND	
MW-24R	u	2-Butanone	78-93-3	ug/L	5/16/2019	ND	
MW-28	d	2-Butanone	78-93-3	ug/L	5/16/2019	ND	
MW-55	d	2-Butanone	78-93-3	ug/L	5/16/2019	ND	
MW-50	d	2-Butanone	78-93-3	ug/L	5/20/2019	ND	
MW-51	d	2-Butanone	78-93-3	ug/L	5/20/2019	ND	
MW-52	d	2-Butanone	78-93-3	ug/L	5/20/2019	ND	
MW-54	d	2-Butanone	78-93-3	ug/L	5/20/2019	ND	
MW-56	d	2-Butanone	78-93-3	ug/L	5/20/2019	ND	
MW-53	d	2-Butanone	78-93-3	ug/L	5/21/2019	ND	
MW-14R	d	2-Butanone	78-93-3	ug/L	9/11/2019	ND	
MW-29	d	2-Butanone	78-93-3	ug/L	9/11/2019	ND	
MW-30R	d	2-Butanone	78-93-3	ug/L	9/11/2019	ND	
MW-33R	d	2-Butanone	78-93-3	ug/L	9/11/2019	ND	
MW-58	d	2-Butanone	78-93-3	ug/L	9/11/2019	ND	
GU-3A	d	2-Butanone	78-93-3	ug/L	3/16/2020	ND	
MW-33R	d	2-Butanone	78-93-3	ug/L	3/16/2020	ND	
MW-14R	d	2-Butanone	78-93-3	ug/L	3/17/2020	ND	
MW-29	d	2-Butanone	78-93-3	ug/L	3/17/2020	ND	
MW-30R	d	2-Butanone	78-93-3	ug/L	3/17/2020	ND	
MW-58	d	2-Butanone	78-93-3	ug/L	3/17/2020	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	7/20/2020	ND	
MW-28	d	2-Butanone	78-93-3	ug/L	7/20/2020	ND	
MW-51	d	2-Butanone	78-93-3	ug/L	7/20/2020	ND	
MW-55	d	2-Butanone	78-93-3	ug/L	7/20/2020	ND	
MW-56	d	2-Butanone	78-93-3	ug/L	7/20/2020	J	5.6
MW-57R	d	2-Butanone	78-93-3	ug/L	7/20/2020	ND	
MW-73	d	2-Butanone	78-93-3	ug/L	7/20/2020	ND	
MW-18	d	2-Butanone	78-93-3	ug/L	7/21/2020	ND	
MW-50	d	2-Butanone	78-93-3	ug/L	7/21/2020	ND	
MW-52	d	2-Butanone	78-93-3	ug/L	7/21/2020	ND	
MW-53	d	2-Butanone	78-93-3	ug/L	7/21/2020	ND	
MW-54	d	2-Butanone	78-93-3	ug/L	7/21/2020	ND	
MW-23	u	2-Butanone	78-93-3	ug/L	7/22/2020	ND	
MW-24R	u	2-Butanone	78-93-3	ug/L	7/22/2020	ND	
MW-55	d	2-Butanone	78-93-3	ug/L	11/12/2020	ND	
MW-33R	d	2-Butanone	78-93-3	ug/L	8/24/2021		<10.0
MW-14R	d	2-Butanone	78-93-3	ug/L	8/24/2021		<10.0
MW-29	d	2-Butanone	78-93-3	ug/L	8/25/2021		<10.0
MW-58	d	2-Butanone	78-93-3	ug/L	8/25/2021		<10.0
MW-30R	d	2-Butanone	78-93-3	ug/L	8/25/2021		<10.0
MW-68	d	2-Butanone	78-93-3	ug/L	8/25/2021		<10.0
MW-69	d	2-Butanone	78-93-3	ug/L	8/25/2021		<10.0
MW-70	d	2-Butanone	78-93-3	ug/L	8/26/2021		<10.0
MW-57R	d	2-Butanone	78-93-3	ug/L	8/26/2021		<10.0
PZ-13	d	2-Butanone	78-93-3	ug/L	8/27/2021		<10.0
MW-73	d	2-Butanone	78-93-3	ug/L	8/27/2021		<10.0
GU-3A	d	2-Butanone	78-93-3	ug/L	9/8/2021		<10.0
MW-24R	u	2-Butanone	78-93-3	ug/L	12/7/2021		<10.0
MW-28	d	2-Butanone	78-93-3	ug/L	12/7/2021		<10.0
MW-57R	d	2-Butanone	78-93-3	ug/L	12/7/2021		<10.0
MW-73	d	2-Butanone	78-93-3	ug/L	12/7/2021		<10.0
MW-56	d	2-Butanone	78-93-3	ug/L	12/7/2021		<10.0
MW-19	d	2-Butanone	78-93-3	ug/L	12/7/2021		<10.0
MW-18	d	2-Butanone	78-93-3	ug/L	12/7/2021		<10.0
MW-55	d	2-Butanone	78-93-3	ug/L	12/7/2021		<10.0
MW-50	d	2-Butanone	78-93-3	ug/L	12/7/2021		<10.0
MW-23	u	2-Butanone	78-93-3	ug/L	12/8/2021		<10.0
MW-39	d	2-Butanone	78-93-3	ug/L	12/8/2021		<10.0
MW-51	d	2-Butanone	78-93-3	ug/L	12/8/2021		<10.0
MW-52	d	2-Butanone	78-93-3	ug/L	12/8/2021		<10.0
MW-53	d	2-Butanone	78-93-3	ug/L	12/8/2021		<10.0
MW-54	d	2-Butanone	78-93-3	ug/L	12/8/2021		<10.0
MW-39	d	2-Chloronaphthalene	91-58-7	ug/L	3/11/2013	ND	
MW-31R	d	2-Chloronaphthalene	91-58-7	ug/L	9/10/2013	ND	
MW-32R	d	2-Chloronaphthalene	91-58-7	ug/L	9/10/2013	ND	
MW-18	d	2-Chloronaphthalene	91-58-7	ug/L	12/18/2013	ND	
MW-20	d	2-Chloronaphthalene	91-58-7	ug/L	12/18/2013	ND	
MW-21	d	2-Chloronaphthalene	91-58-7	ug/L	12/18/2013	ND	
MW-22R	d	2-Chloronaphthalene	91-58-7	ug/L	12/18/2013	ND	
MW-30R	d	2-Chloronaphthalene	91-58-7	ug/L	12/18/2013	ND	
MW-18	d	2-Chloronaphthalene	91-58-7	ug/L	6/24/2014	ND	
MW-29	d	2-Chloronaphthalene	91-58-7	ug/L	7/24/2014	ND	
MW-57	d	2-Chloronaphthalene	91-58-7	ug/L	7/24/2014	ND	
MW-58	d	2-Chloronaphthalene	91-58-7	ug/L	7/24/2014	ND	
MW-33R	d	2-Chloronaphthalene	91-58-7	ug/L	9/24/2014	ND	
MW-50	d	2-Chloronaphthalene	91-58-7	ug/L	9/24/2014	ND	
MW-51	d	2-Chloronaphthalene	91-58-7	ug/L	9/24/2014	ND	
MW-52	d	2-Chloronaphthalene	91-58-7	ug/L	9/24/2014	ND	
MW-53	d	2-Chloronaphthalene	91-58-7	ug/L	9/24/2014	ND	
MW-54	d	2-Chloronaphthalene	91-58-7	ug/L	9/24/2014	ND	
MW-14R	d	2-Chloronaphthalene	91-58-7	ug/L	12/4/2014	ND	
MW-19	d	2-Chloronaphthalene	91-58-7	ug/L	12/4/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-28	d	2-Chloronaphthalene	91-58-7	ug/L	12/4/2014	ND	
MW-56	d	2-Chloronaphthalene	91-58-7	ug/L	12/4/2014	ND	
MW-55	d	2-Chloronaphthalene	91-58-7	ug/L	3/11/2015	ND	
MW-20	d	2-Chloronaphthalene	91-58-7	ug/L	4/3/2018	ND	
MW-21	d	2-Chloronaphthalene	91-58-7	ug/L	4/3/2018	ND	
MW-30R	d	2-Chloronaphthalene	91-58-7	ug/L	4/3/2018	ND	
MW-31R	d	2-Chloronaphthalene	91-58-7	ug/L	4/3/2018	ND	
MW-32R	d	2-Chloronaphthalene	91-58-7	ug/L	4/3/2018	ND	
MW-39	d	2-Chloronaphthalene	91-58-7	ug/L	11/1/2018	ND	
MW-22R	d	2-Chloronaphthalene	91-58-7	ug/L	11/2/2018	ND	
MW-18	d	2-Chloronaphthalene	91-58-7	ug/L	5/16/2019	ND	
MW-19	d	2-Chloronaphthalene	91-58-7	ug/L	5/16/2019	ND	
MW-28	d	2-Chloronaphthalene	91-58-7	ug/L	5/16/2019	ND	
MW-50	d	2-Chloronaphthalene	91-58-7	ug/L	5/20/2019	ND	
MW-51	d	2-Chloronaphthalene	91-58-7	ug/L	5/20/2019	ND	
MW-52	d	2-Chloronaphthalene	91-58-7	ug/L	5/20/2019	ND	
MW-53	d	2-Chloronaphthalene	91-58-7	ug/L	5/20/2019	ND	
MW-54	d	2-Chloronaphthalene	91-58-7	ug/L	5/20/2019	ND	
MW-56	d	2-Chloronaphthalene	91-58-7	ug/L	5/20/2019	ND	
MW-14R	d	2-Chloronaphthalene	91-58-7	ug/L	9/11/2019	ND	
MW-29	d	2-Chloronaphthalene	91-58-7	ug/L	9/11/2019	ND	
MW-33R	d	2-Chloronaphthalene	91-58-7	ug/L	9/11/2019	ND	
MW-58	d	2-Chloronaphthalene	91-58-7	ug/L	9/11/2019	ND	
MW-55	d	2-Chloronaphthalene	91-58-7	ug/L	11/12/2020	ND	
MW-39	d	2-Chlorophenol	95-57-8	ug/L	3/11/2013	ND	
MW-31R	d	2-Chlorophenol	95-57-8	ug/L	9/10/2013	ND	
MW-32R	d	2-Chlorophenol	95-57-8	ug/L	9/10/2013	ND	
MW-18	d	2-Chlorophenol	95-57-8	ug/L	12/18/2013	ND	
MW-20	d	2-Chlorophenol	95-57-8	ug/L	12/18/2013	ND	
MW-21	d	2-Chlorophenol	95-57-8	ug/L	12/18/2013	ND	
MW-22R	d	2-Chlorophenol	95-57-8	ug/L	12/18/2013	ND	
MW-30R	d	2-Chlorophenol	95-57-8	ug/L	12/18/2013	ND	
MW-18	d	2-Chlorophenol	95-57-8	ug/L	6/24/2014	ND	
MW-29	d	2-Chlorophenol	95-57-8	ug/L	7/24/2014	ND	
MW-57	d	2-Chlorophenol	95-57-8	ug/L	7/24/2014	ND	
MW-58	d	2-Chlorophenol	95-57-8	ug/L	7/24/2014	ND	
MW-33R	d	2-Chlorophenol	95-57-8	ug/L	9/24/2014	ND	
MW-50	d	2-Chlorophenol	95-57-8	ug/L	9/24/2014	ND	
MW-51	d	2-Chlorophenol	95-57-8	ug/L	9/24/2014	ND	
MW-52	d	2-Chlorophenol	95-57-8	ug/L	9/24/2014	ND	
MW-53	d	2-Chlorophenol	95-57-8	ug/L	9/24/2014	ND	
MW-54	d	2-Chlorophenol	95-57-8	ug/L	9/24/2014	ND	
MW-14R	d	2-Chlorophenol	95-57-8	ug/L	12/4/2014	ND	
MW-19	d	2-Chlorophenol	95-57-8	ug/L	12/4/2014	ND	
MW-28	d	2-Chlorophenol	95-57-8	ug/L	12/4/2014	ND	
MW-56	d	2-Chlorophenol	95-57-8	ug/L	12/4/2014	ND	
MW-55	d	2-Chlorophenol	95-57-8	ug/L	3/11/2015	ND	
MW-20	d	2-Chlorophenol	95-57-8	ug/L	4/3/2018	ND	
MW-21	d	2-Chlorophenol	95-57-8	ug/L	4/3/2018	ND	
MW-30R	d	2-Chlorophenol	95-57-8	ug/L	4/3/2018	ND	
MW-31R	d	2-Chlorophenol	95-57-8	ug/L	4/3/2018	ND	
MW-32R	d	2-Chlorophenol	95-57-8	ug/L	4/3/2018	ND	
MW-39	d	2-Chlorophenol	95-57-8	ug/L	11/1/2018	ND	
MW-22R	d	2-Chlorophenol	95-57-8	ug/L	11/2/2018	ND	
MW-18	d	2-Chlorophenol	95-57-8	ug/L	5/16/2019	ND	
MW-19	d	2-Chlorophenol	95-57-8	ug/L	5/16/2019	ND	
MW-28	d	2-Chlorophenol	95-57-8	ug/L	5/16/2019	ND	
MW-50	d	2-Chlorophenol	95-57-8	ug/L	5/20/2019	ND	
MW-51	d	2-Chlorophenol	95-57-8	ug/L	5/20/2019	ND	
MW-52	d	2-Chlorophenol	95-57-8	ug/L	5/20/2019	ND	
MW-53	d	2-Chlorophenol	95-57-8	ug/L	5/20/2019	ND	
MW-54	d	2-Chlorophenol	95-57-8	ug/L	5/20/2019	ND	
MW-56	d	2-Chlorophenol	95-57-8	ug/L	5/20/2019	ND	
MW-14R	d	2-Chlorophenol	95-57-8	ug/L	9/11/2019	ND	
MW-29	d	2-Chlorophenol	95-57-8	ug/L	9/11/2019	ND	
MW-33R	d	2-Chlorophenol	95-57-8	ug/L	9/11/2019	ND	
MW-58	d	2-Chlorophenol	95-57-8	ug/L	9/11/2019	ND	
MW-55	d	2-Chlorophenol	95-57-8	ug/L	11/12/2020	ND	
MW-51	d	2-Hexanone	591-78-6	ug/L	1/15/2010	ND	
MW-24R	u	2-Hexanone	591-78-6	ug/L	2/11/2010	ND	
MW-53	d	2-Hexanone	591-78-6	ug/L	2/11/2010	ND	
GU-3A	d	2-Hexanone	591-78-6	ug/L	3/24/2010	ND	
MW-20	d	2-Hexanone	591-78-6	ug/L	3/24/2010	ND	
MW-21	d	2-Hexanone	591-78-6	ug/L	3/24/2010	ND	
MW-22R	d	2-Hexanone	591-78-6	ug/L	3/24/2010	ND	
MW-52	d	2-Hexanone	591-78-6	ug/L	3/24/2010	ND	
MW-54	d	2-Hexanone	591-78-6	ug/L	3/24/2010	ND	
MW-55	d	2-Hexanone	591-78-6	ug/L	3/24/2010	ND	
MW-28	d	2-Hexanone	591-78-6	ug/L	4/9/2010	ND	
MW-33R	d	2-Hexanone	591-78-6	ug/L	4/9/2010	ND	
MW-50	d	2-Hexanone	591-78-6	ug/L	4/9/2010	ND	
MW-56	d	2-Hexanone	591-78-6	ug/L	4/9/2010	ND	
MW-57	d	2-Hexanone	591-78-6	ug/L	4/9/2010	ND	
MW-58	d	2-Hexanone	591-78-6	ug/L	4/9/2010	ND	
MW-32R	d	2-Hexanone	591-78-6	ug/L	5/18/2010	ND	
MW-14R	d	2-Hexanone	591-78-6	ug/L	6/17/2010	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	6/17/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	2-Hexanone	591-78-6	ug/L	6/17/2010	ND	
MW-30R	d	2-Hexanone	591-78-6	ug/L	6/17/2010	ND	
MW-31R	d	2-Hexanone	591-78-6	ug/L	6/17/2010	ND	
MW-51	d	2-Hexanone	591-78-6	ug/L	6/17/2010	ND	
MW-21	d	2-Hexanone	591-78-6	ug/L	7/21/2010	ND	
MW-54	d	2-Hexanone	591-78-6	ug/L	7/21/2010	ND	
MW-20	d	2-Hexanone	591-78-6	ug/L	8/17/2010	ND	
MW-29	d	2-Hexanone	591-78-6	ug/L	8/17/2010	ND	
MW-39	d	2-Hexanone	591-78-6	ug/L	8/17/2010	ND	
MW-51	d	2-Hexanone	591-78-6	ug/L	8/17/2010	ND	
GU-3A	d	2-Hexanone	591-78-6	ug/L	9/17/2010	ND	
MW-22R	d	2-Hexanone	591-78-6	ug/L	9/17/2010	ND	
MW-55	d	2-Hexanone	591-78-6	ug/L	9/17/2010	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	10/22/2010	ND	
MW-24R	u	2-Hexanone	591-78-6	ug/L	10/22/2010	ND	
MW-30R	d	2-Hexanone	591-78-6	ug/L	10/22/2010	ND	
MW-31R	d	2-Hexanone	591-78-6	ug/L	10/22/2010	ND	
MW-50	d	2-Hexanone	591-78-6	ug/L	10/22/2010	ND	
MW-53	d	2-Hexanone	591-78-6	ug/L	10/22/2010	ND	
MW-56	d	2-Hexanone	591-78-6	ug/L	10/22/2010	ND	
MW-58	d	2-Hexanone	591-78-6	ug/L	10/22/2010	ND	
MW-14R	d	2-Hexanone	591-78-6	ug/L	11/8/2010	ND	
MW-32R	d	2-Hexanone	591-78-6	ug/L	11/8/2010	ND	
MW-57	d	2-Hexanone	591-78-6	ug/L	11/8/2010	ND	
MW-28	d	2-Hexanone	591-78-6	ug/L	12/15/2010	ND	
MW-33R	d	2-Hexanone	591-78-6	ug/L	12/15/2010	ND	
MW-52	d	2-Hexanone	591-78-6	ug/L	12/15/2010	ND	
MW-54	d	2-Hexanone	591-78-6	ug/L	1/12/2011	ND	
MW-54	d	2-Hexanone	591-78-6	ug/L	1/12/2011	ND	
MW-20	d	2-Hexanone	591-78-6	ug/L	2/22/2011	ND	
MW-22R	d	2-Hexanone	591-78-6	ug/L	2/22/2011	ND	
MW-51	d	2-Hexanone	591-78-6	ug/L	2/22/2011	ND	
MW-52	d	2-Hexanone	591-78-6	ug/L	2/22/2011	ND	
MW-53	d	2-Hexanone	591-78-6	ug/L	2/22/2011	ND	
MW-55	d	2-Hexanone	591-78-6	ug/L	2/22/2011	ND	
GU-3A	d	2-Hexanone	591-78-6	ug/L	3/2/2011	ND	
MW-21	d	2-Hexanone	591-78-6	ug/L	3/2/2011	ND	
MW-21	d	2-Hexanone	591-78-6	ug/L	3/2/2011	ND	
MW-29	d	2-Hexanone	591-78-6	ug/L	4/21/2011	ND	
MW-30R	d	2-Hexanone	591-78-6	ug/L	4/21/2011	ND	
MW-31R	d	2-Hexanone	591-78-6	ug/L	4/21/2011	ND	
MW-31R	d	2-Hexanone	591-78-6	ug/L	4/21/2011	ND	
MW-32R	d	2-Hexanone	591-78-6	ug/L	4/21/2011	ND	
MW-54	d	2-Hexanone	591-78-6	ug/L	5/31/2011	ND	
MW-56	d	2-Hexanone	591-78-6	ug/L	5/31/2011	ND	
MW-57	d	2-Hexanone	591-78-6	ug/L	5/31/2011	ND	
MW-58	d	2-Hexanone	591-78-6	ug/L	5/31/2011	ND	
MW-14R	d	2-Hexanone	591-78-6	ug/L	6/7/2011	ND	
MW-14R	d	2-Hexanone	591-78-6	ug/L	6/7/2011	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	6/7/2011	ND	
MW-28	d	2-Hexanone	591-78-6	ug/L	6/7/2011	ND	
MW-33R	d	2-Hexanone	591-78-6	ug/L	6/7/2011	ND	
MW-39	d	2-Hexanone	591-78-6	ug/L	6/7/2011	ND	
MW-50	d	2-Hexanone	591-78-6	ug/L	6/7/2011	ND	
MW-52	d	2-Hexanone	591-78-6	ug/L	7/22/2011	ND	
MW-56	d	2-Hexanone	591-78-6	ug/L	7/22/2011	ND	
MW-58	d	2-Hexanone	591-78-6	ug/L	7/22/2011	ND	
MW-14R	d	2-Hexanone	591-78-6	ug/L	8/29/2011	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	8/29/2011	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	8/29/2011	ND	
MW-32R	d	2-Hexanone	591-78-6	ug/L	8/29/2011	ND	
GU-3A	d	2-Hexanone	591-78-6	ug/L	9/9/2011	ND	
MW-22R	d	2-Hexanone	591-78-6	ug/L	9/9/2011	ND	
MW-28	d	2-Hexanone	591-78-6	ug/L	9/9/2011	ND	
MW-29	d	2-Hexanone	591-78-6	ug/L	9/9/2011	ND	
MW-51	d	2-Hexanone	591-78-6	ug/L	9/9/2011	ND	
MW-53	d	2-Hexanone	591-78-6	ug/L	9/9/2011	ND	
MW-53	d	2-Hexanone	591-78-6	ug/L	9/9/2011	ND	
MW-21	d	2-Hexanone	591-78-6	ug/L	10/4/2011	ND	
MW-50	d	2-Hexanone	591-78-6	ug/L	10/4/2011	ND	
MW-50	d	2-Hexanone	591-78-6	ug/L	10/4/2011	ND	
MW-54	d	2-Hexanone	591-78-6	ug/L	10/4/2011	ND	
MW-57	d	2-Hexanone	591-78-6	ug/L	10/4/2011	ND	
MW-20	d	2-Hexanone	591-78-6	ug/L	11/29/2011	ND	
MW-30R	d	2-Hexanone	591-78-6	ug/L	11/29/2011	ND	
MW-52	d	2-Hexanone	591-78-6	ug/L	11/29/2011	ND	
MW-55	d	2-Hexanone	591-78-6	ug/L	11/29/2011	ND	
MW-31R	d	2-Hexanone	591-78-6	ug/L	12/16/2011	ND	
MW-33R	d	2-Hexanone	591-78-6	ug/L	12/16/2011	ND	
MW-39	d	2-Hexanone	591-78-6	ug/L	12/16/2011	ND	
MW-14R	d	2-Hexanone	591-78-6	ug/L	3/8/2012	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	3/8/2012	ND	
MW-20	d	2-Hexanone	591-78-6	ug/L	3/8/2012	ND	
MW-21	d	2-Hexanone	591-78-6	ug/L	3/8/2012	ND	
MW-22R	d	2-Hexanone	591-78-6	ug/L	3/8/2012	ND	
MW-28	d	2-Hexanone	591-78-6	ug/L	3/8/2012	ND	
MW-39	d	2-Hexanone	591-78-6	ug/L	3/8/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-55	d	2-Hexanone	591-78-6	ug/L	3/8/2012	ND	
MW-56	d	2-Hexanone	591-78-6	ug/L	3/8/2012	ND	
MW-57	d	2-Hexanone	591-78-6	ug/L	3/8/2012	ND	
MW-58	d	2-Hexanone	591-78-6	ug/L	3/8/2012	ND	
GU-3A	d	2-Hexanone	591-78-6	ug/L	6/13/2012	ND	
MW-29	d	2-Hexanone	591-78-6	ug/L	6/13/2012	ND	
MW-30R	d	2-Hexanone	591-78-6	ug/L	6/13/2012	ND	
MW-31R	d	2-Hexanone	591-78-6	ug/L	6/13/2012	ND	
MW-32R	d	2-Hexanone	591-78-6	ug/L	6/13/2012	ND	
MW-33R	d	2-Hexanone	591-78-6	ug/L	6/13/2012	ND	
MW-50	d	2-Hexanone	591-78-6	ug/L	6/13/2012	ND	
MW-50	d	2-Hexanone	591-78-6	ug/L	6/13/2012	ND	
MW-51	d	2-Hexanone	591-78-6	ug/L	6/13/2012	ND	
MW-52	d	2-Hexanone	591-78-6	ug/L	6/13/2012	ND	
MW-53	d	2-Hexanone	591-78-6	ug/L	6/13/2012	ND	
MW-54	d	2-Hexanone	591-78-6	ug/L	6/13/2012	ND	
GU-3A	d	2-Hexanone	591-78-6	ug/L	9/4/2012	ND	
MW-20	d	2-Hexanone	591-78-6	ug/L	9/4/2012	ND	
MW-21	d	2-Hexanone	591-78-6	ug/L	9/4/2012	ND	
MW-22R	d	2-Hexanone	591-78-6	ug/L	9/4/2012	ND	
MW-50	d	2-Hexanone	591-78-6	ug/L	9/4/2012	ND	
MW-51	d	2-Hexanone	591-78-6	ug/L	9/4/2012	ND	
MW-52	d	2-Hexanone	591-78-6	ug/L	9/4/2012	ND	
MW-53	d	2-Hexanone	591-78-6	ug/L	9/4/2012	ND	
MW-54	d	2-Hexanone	591-78-6	ug/L	9/4/2012	ND	
MW-54	d	2-Hexanone	591-78-6	ug/L	9/4/2012	ND	
MW-57	d	2-Hexanone	591-78-6	ug/L	9/4/2012	ND	
MW-58	d	2-Hexanone	591-78-6	ug/L	9/4/2012	ND	
MW-14R	d	2-Hexanone	591-78-6	ug/L	12/19/2012	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	12/19/2012	ND	
MW-28	d	2-Hexanone	591-78-6	ug/L	12/19/2012	ND	
MW-29	d	2-Hexanone	591-78-6	ug/L	12/19/2012	ND	
MW-30R	d	2-Hexanone	591-78-6	ug/L	12/19/2012	ND	
MW-31R	d	2-Hexanone	591-78-6	ug/L	12/19/2012	ND	
MW-32R	d	2-Hexanone	591-78-6	ug/L	12/19/2012	ND	
MW-33R	d	2-Hexanone	591-78-6	ug/L	12/19/2012	ND	
MW-33R	d	2-Hexanone	591-78-6	ug/L	12/19/2012	ND	
MW-39	d	2-Hexanone	591-78-6	ug/L	12/19/2012	ND	
MW-55	d	2-Hexanone	591-78-6	ug/L	12/19/2012	ND	
MW-56	d	2-Hexanone	591-78-6	ug/L	12/19/2012	ND	
MW-14R	d	2-Hexanone	591-78-6	ug/L	3/11/2013	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	3/11/2013	ND	
MW-28	d	2-Hexanone	591-78-6	ug/L	3/11/2013	ND	
MW-39	d	2-Hexanone	591-78-6	ug/L	3/11/2013	ND	
MW-50	d	2-Hexanone	591-78-6	ug/L	3/11/2013	ND	
MW-50	d	2-Hexanone	591-78-6	ug/L	3/11/2013	ND	
MW-51	d	2-Hexanone	591-78-6	ug/L	3/11/2013	ND	
MW-52	d	2-Hexanone	591-78-6	ug/L	3/11/2013	ND	
MW-53	d	2-Hexanone	591-78-6	ug/L	3/11/2013	ND	
MW-54	d	2-Hexanone	591-78-6	ug/L	3/11/2013	ND	
MW-55	d	2-Hexanone	591-78-6	ug/L	3/11/2013	ND	
MW-56	d	2-Hexanone	591-78-6	ug/L	3/11/2013	ND	
MW-20	d	2-Hexanone	591-78-6	ug/L	6/10/2013	ND	
MW-20	d	2-Hexanone	591-78-6	ug/L	6/10/2013	ND	
MW-21	d	2-Hexanone	591-78-6	ug/L	6/10/2013	ND	
MW-22R	d	2-Hexanone	591-78-6	ug/L	6/10/2013	ND	
MW-29	d	2-Hexanone	591-78-6	ug/L	6/10/2013	ND	
MW-30R	d	2-Hexanone	591-78-6	ug/L	6/10/2013	ND	
MW-31R	d	2-Hexanone	591-78-6	ug/L	6/10/2013	ND	
MW-32R	d	2-Hexanone	591-78-6	ug/L	6/10/2013	ND	
MW-33R	d	2-Hexanone	591-78-6	ug/L	6/10/2013	ND	
MW-57	d	2-Hexanone	591-78-6	ug/L	6/10/2013	ND	
MW-58	d	2-Hexanone	591-78-6	ug/L	6/10/2013	ND	
GU-3A	d	2-Hexanone	591-78-6	ug/L	9/10/2013	ND	
MW-31R	d	2-Hexanone	591-78-6	ug/L	9/10/2013	ND	
MW-31R	d	2-Hexanone	591-78-6	ug/L	9/10/2013	ND	
MW-32R	d	2-Hexanone	591-78-6	ug/L	9/10/2013	ND	
MW-33R	d	2-Hexanone	591-78-6	ug/L	9/10/2013	ND	
MW-50	d	2-Hexanone	591-78-6	ug/L	9/10/2013	ND	
MW-51	d	2-Hexanone	591-78-6	ug/L	9/10/2013	ND	
MW-52	d	2-Hexanone	591-78-6	ug/L	9/10/2013	ND	
MW-53	d	2-Hexanone	591-78-6	ug/L	9/10/2013	ND	
MW-54	d	2-Hexanone	591-78-6	ug/L	9/10/2013	ND	
MW-14R	d	2-Hexanone	591-78-6	ug/L	12/18/2013	ND	
MW-18	d	2-Hexanone	591-78-6	ug/L	12/18/2013	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	12/18/2013	ND	
MW-20	d	2-Hexanone	591-78-6	ug/L	12/18/2013	ND	
MW-21	d	2-Hexanone	591-78-6	ug/L	12/18/2013	ND	
MW-22R	d	2-Hexanone	591-78-6	ug/L	12/18/2013	ND	
MW-28	d	2-Hexanone	591-78-6	ug/L	12/18/2013	ND	
MW-30R	d	2-Hexanone	591-78-6	ug/L	12/18/2013	ND	
MW-39	d	2-Hexanone	591-78-6	ug/L	12/18/2013	ND	
MW-39	d	2-Hexanone	591-78-6	ug/L	12/18/2013	ND	
MW-55	d	2-Hexanone	591-78-6	ug/L	12/18/2013	ND	
MW-18	d	2-Hexanone	591-78-6	ug/L	3/20/2014	ND	
MW-20	d	2-Hexanone	591-78-6	ug/L	3/20/2014	ND	
MW-21	d	2-Hexanone	591-78-6	ug/L	3/20/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-21	d	2-Hexanone	591-78-6	ug/L	3/20/2014	ND	
MW-22R	d	2-Hexanone	591-78-6	ug/L	3/20/2014	ND	
MW-30R	d	2-Hexanone	591-78-6	ug/L	3/20/2014	ND	
MW-31R	d	2-Hexanone	591-78-6	ug/L	3/20/2014	ND	
MW-32R	d	2-Hexanone	591-78-6	ug/L	3/20/2014	ND	
MW-33R	d	2-Hexanone	591-78-6	ug/L	3/20/2014	ND	
MW-14R	d	2-Hexanone	591-78-6	ug/L	6/24/2014	ND	
MW-14R	d	2-Hexanone	591-78-6	ug/L	6/24/2014	ND	
MW-18	d	2-Hexanone	591-78-6	ug/L	6/24/2014	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	6/24/2014	ND	
MW-28	d	2-Hexanone	591-78-6	ug/L	6/24/2014	ND	
MW-39	d	2-Hexanone	591-78-6	ug/L	6/24/2014	ND	
MW-50	d	2-Hexanone	591-78-6	ug/L	6/24/2014	ND	
MW-51	d	2-Hexanone	591-78-6	ug/L	6/24/2014	ND	
MW-52	d	2-Hexanone	591-78-6	ug/L	6/24/2014	ND	
MW-53	d	2-Hexanone	591-78-6	ug/L	6/24/2014	ND	
MW-54	d	2-Hexanone	591-78-6	ug/L	6/24/2014	ND	
MW-55	d	2-Hexanone	591-78-6	ug/L	6/24/2014	ND	
MW-58	d	2-Hexanone	591-78-6	ug/L	6/24/2014	ND	
MW-29	d	2-Hexanone	591-78-6	ug/L	7/24/2014	ND	
MW-56	d	2-Hexanone	591-78-6	ug/L	7/24/2014	ND	
MW-57	d	2-Hexanone	591-78-6	ug/L	7/24/2014	ND	
GU-3A	d	2-Hexanone	591-78-6	ug/L	9/24/2014	ND	
MW-18	d	2-Hexanone	591-78-6	ug/L	9/24/2014	ND	
MW-29	d	2-Hexanone	591-78-6	ug/L	9/24/2014	ND	
MW-30R	d	2-Hexanone	591-78-6	ug/L	9/24/2014	ND	
MW-31R	d	2-Hexanone	591-78-6	ug/L	9/24/2014	ND	
MW-31R	d	2-Hexanone	591-78-6	ug/L	9/24/2014	ND	
MW-32R	d	2-Hexanone	591-78-6	ug/L	9/24/2014	ND	
MW-33R	d	2-Hexanone	591-78-6	ug/L	9/24/2014	ND	
MW-50	d	2-Hexanone	591-78-6	ug/L	9/24/2014	ND	
MW-51	d	2-Hexanone	591-78-6	ug/L	9/24/2014	ND	
MW-52	d	2-Hexanone	591-78-6	ug/L	9/24/2014	ND	
MW-53	d	2-Hexanone	591-78-6	ug/L	9/24/2014	ND	
MW-54	d	2-Hexanone	591-78-6	ug/L	9/24/2014	ND	
MW-14R	d	2-Hexanone	591-78-6	ug/L	12/4/2014	ND	
MW-18	d	2-Hexanone	591-78-6	ug/L	12/4/2014	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	12/4/2014	ND	
MW-20	d	2-Hexanone	591-78-6	ug/L	12/4/2014	ND	
MW-21	d	2-Hexanone	591-78-6	ug/L	12/4/2014	ND	
MW-22R	d	2-Hexanone	591-78-6	ug/L	12/4/2014	ND	
MW-28	d	2-Hexanone	591-78-6	ug/L	12/4/2014	ND	
MW-39	d	2-Hexanone	591-78-6	ug/L	12/4/2014	ND	
MW-56	d	2-Hexanone	591-78-6	ug/L	12/4/2014	ND	
MW-57	d	2-Hexanone	591-78-6	ug/L	12/4/2014	ND	
MW-57	d	2-Hexanone	591-78-6	ug/L	12/4/2014	ND	
MW-58	d	2-Hexanone	591-78-6	ug/L	12/4/2014	ND	
MW-14R	d	2-Hexanone	591-78-6	ug/L	3/11/2015	ND	
MW-18	d	2-Hexanone	591-78-6	ug/L	3/11/2015	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	3/11/2015	ND	
MW-20	d	2-Hexanone	591-78-6	ug/L	3/11/2015	ND	
MW-21	d	2-Hexanone	591-78-6	ug/L	3/11/2015	ND	
MW-22R	d	2-Hexanone	591-78-6	ug/L	3/11/2015	ND	
MW-28	d	2-Hexanone	591-78-6	ug/L	3/11/2015	ND	
MW-39	d	2-Hexanone	591-78-6	ug/L	3/11/2015	ND	
MW-55	d	2-Hexanone	591-78-6	ug/L	3/11/2015	ND	
MW-56	d	2-Hexanone	591-78-6	ug/L	3/11/2015	ND	
MW-57	d	2-Hexanone	591-78-6	ug/L	3/11/2015	ND	
MW-58	d	2-Hexanone	591-78-6	ug/L	3/11/2015	ND	
MW-58	d	2-Hexanone	591-78-6	ug/L	3/11/2015	ND	
MW-29	d	2-Hexanone	591-78-6	ug/L	6/29/2015	ND	
MW-30R	d	2-Hexanone	591-78-6	ug/L	6/29/2015	ND	
MW-31R	d	2-Hexanone	591-78-6	ug/L	6/29/2015	ND	
MW-31R	d	2-Hexanone	591-78-6	ug/L	6/29/2015	ND	
MW-32R	d	2-Hexanone	591-78-6	ug/L	6/29/2015	ND	
MW-33R	d	2-Hexanone	591-78-6	ug/L	6/29/2015	ND	
MW-50	d	2-Hexanone	591-78-6	ug/L	6/29/2015	ND	
MW-51	d	2-Hexanone	591-78-6	ug/L	6/29/2015	ND	
MW-52	d	2-Hexanone	591-78-6	ug/L	6/29/2015	ND	
MW-53	d	2-Hexanone	591-78-6	ug/L	6/29/2015	ND	
MW-54	d	2-Hexanone	591-78-6	ug/L	6/29/2015	ND	
GU-3A	d	2-Hexanone	591-78-6	ug/L	9/22/2015	ND	
MW-14R	d	2-Hexanone	591-78-6	ug/L	2/15/2016	ND	
MW-14R	d	2-Hexanone	591-78-6	ug/L	2/15/2016	ND	
MW-18	d	2-Hexanone	591-78-6	ug/L	2/15/2016	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	2/15/2016	ND	
MW-39	d	2-Hexanone	591-78-6	ug/L	2/15/2016	ND	
MW-20	d	2-Hexanone	591-78-6	ug/L	2/16/2016	ND	
MW-21	d	2-Hexanone	591-78-6	ug/L	2/16/2016	ND	
MW-55	d	2-Hexanone	591-78-6	ug/L	2/16/2016	ND	
MW-56	d	2-Hexanone	591-78-6	ug/L	2/16/2016	ND	
MW-57	d	2-Hexanone	591-78-6	ug/L	2/16/2016	ND	
MW-58	d	2-Hexanone	591-78-6	ug/L	2/16/2016	ND	
MW-22R	d	2-Hexanone	591-78-6	ug/L	2/17/2016	ND	
MW-28	d	2-Hexanone	591-78-6	ug/L	8/25/2016	ND	
MW-29	d	2-Hexanone	591-78-6	ug/L	8/25/2016	ND	
MW-30R	d	2-Hexanone	591-78-6	ug/L	8/25/2016	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	2-Hexanone	591-78-6	ug/L	8/25/2016	ND	
MW-32R	d	2-Hexanone	591-78-6	ug/L	8/25/2016	ND	
MW-33R	d	2-Hexanone	591-78-6	ug/L	8/25/2016	ND	
MW-50	d	2-Hexanone	591-78-6	ug/L	8/25/2016	ND	
MW-51	d	2-Hexanone	591-78-6	ug/L	8/25/2016	ND	
MW-52	d	2-Hexanone	591-78-6	ug/L	8/25/2016	ND	
MW-53	d	2-Hexanone	591-78-6	ug/L	8/25/2016	ND	
MW-54	d	2-Hexanone	591-78-6	ug/L	8/25/2016	ND	
GU-3A	d	2-Hexanone	591-78-6	ug/L	8/26/2016	ND	
MW-18	d	2-Hexanone	591-78-6	ug/L	1/17/2017	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	1/17/2017	ND	
MW-22R	d	2-Hexanone	591-78-6	ug/L	1/17/2017	ND	
MW-28	d	2-Hexanone	591-78-6	ug/L	1/17/2017	ND	
MW-28	d	2-Hexanone	591-78-6	ug/L	1/17/2017	ND	
MW-39	d	2-Hexanone	591-78-6	ug/L	1/17/2017	ND	
MW-50	d	2-Hexanone	591-78-6	ug/L	1/17/2017	ND	
MW-51	d	2-Hexanone	591-78-6	ug/L	1/17/2017	ND	
MW-53	d	2-Hexanone	591-78-6	ug/L	1/17/2017	ND	
MW-54	d	2-Hexanone	591-78-6	ug/L	1/17/2017	ND	
MW-56	d	2-Hexanone	591-78-6	ug/L	1/17/2017	ND	
GU-3A	d	2-Hexanone	591-78-6	ug/L	7/10/2017	ND	
MW-14R	d	2-Hexanone	591-78-6	ug/L	7/10/2017	ND	
MW-20	d	2-Hexanone	591-78-6	ug/L	7/10/2017	ND	
MW-21	d	2-Hexanone	591-78-6	ug/L	7/10/2017	ND	
MW-29	d	2-Hexanone	591-78-6	ug/L	7/10/2017	ND	
MW-30R	d	2-Hexanone	591-78-6	ug/L	7/10/2017	ND	
MW-31R	d	2-Hexanone	591-78-6	ug/L	7/10/2017	ND	
MW-32R	d	2-Hexanone	591-78-6	ug/L	7/10/2017	ND	
MW-32R	d	2-Hexanone	591-78-6	ug/L	7/10/2017	ND	
MW-33R	d	2-Hexanone	591-78-6	ug/L	7/10/2017	ND	
MW-57	d	2-Hexanone	591-78-6	ug/L	7/10/2017	ND	
MW-58	d	2-Hexanone	591-78-6	ug/L	7/10/2017	ND	
MW-52	d	2-Hexanone	591-78-6	ug/L	10/17/2017	ND	
MW-55	d	2-Hexanone	591-78-6	ug/L	10/17/2017	ND	
GU-3A	d	2-Hexanone	591-78-6	ug/L	4/3/2018	ND	
GU-3A	d	2-Hexanone	591-78-6	ug/L	4/3/2018	ND	
MW-14R	d	2-Hexanone	591-78-6	ug/L	4/3/2018	ND	
MW-20	d	2-Hexanone	591-78-6	ug/L	4/3/2018	ND	
MW-21	d	2-Hexanone	591-78-6	ug/L	4/3/2018	ND	
MW-29	d	2-Hexanone	591-78-6	ug/L	4/3/2018	ND	
MW-30R	d	2-Hexanone	591-78-6	ug/L	4/3/2018	ND	
MW-31R	d	2-Hexanone	591-78-6	ug/L	4/3/2018	ND	
MW-32R	d	2-Hexanone	591-78-6	ug/L	4/3/2018	ND	
MW-33R	d	2-Hexanone	591-78-6	ug/L	4/3/2018	ND	
MW-33R	d	2-Hexanone	591-78-6	ug/L	4/3/2018	ND	
MW-57	d	2-Hexanone	591-78-6	ug/L	4/3/2018	ND	
MW-58	d	2-Hexanone	591-78-6	ug/L	4/3/2018	ND	
MW-39	d	2-Hexanone	591-78-6	ug/L	11/1/2018	ND	
MW-50	d	2-Hexanone	591-78-6	ug/L	11/1/2018	ND	
MW-51	d	2-Hexanone	591-78-6	ug/L	11/1/2018	ND	
MW-52	d	2-Hexanone	591-78-6	ug/L	11/1/2018	ND	
MW-53	d	2-Hexanone	591-78-6	ug/L	11/1/2018	ND	
MW-54	d	2-Hexanone	591-78-6	ug/L	11/1/2018	ND	
MW-55	d	2-Hexanone	591-78-6	ug/L	11/1/2018	ND	
MW-18	d	2-Hexanone	591-78-6	ug/L	11/2/2018	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	11/2/2018	ND	
MW-22R	d	2-Hexanone	591-78-6	ug/L	11/2/2018	ND	
MW-28	d	2-Hexanone	591-78-6	ug/L	11/2/2018	ND	
MW-56	d	2-Hexanone	591-78-6	ug/L	11/2/2018	NDH	
MW-18	d	2-Hexanone	591-78-6	ug/L	5/16/2019	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	5/16/2019	ND	
MW-23	u	2-Hexanone	591-78-6	ug/L	5/16/2019	ND	
MW-24R	u	2-Hexanone	591-78-6	ug/L	5/16/2019	ND	
MW-28	d	2-Hexanone	591-78-6	ug/L	5/16/2019	ND	
MW-55	d	2-Hexanone	591-78-6	ug/L	5/16/2019	ND	
MW-50	d	2-Hexanone	591-78-6	ug/L	5/20/2019	ND	
MW-51	d	2-Hexanone	591-78-6	ug/L	5/20/2019	ND	
MW-52	d	2-Hexanone	591-78-6	ug/L	5/20/2019	ND	
MW-54	d	2-Hexanone	591-78-6	ug/L	5/20/2019	ND	
MW-56	d	2-Hexanone	591-78-6	ug/L	5/20/2019	ND	
MW-53	d	2-Hexanone	591-78-6	ug/L	5/21/2019	ND	
MW-14R	d	2-Hexanone	591-78-6	ug/L	9/11/2019	ND	
MW-29	d	2-Hexanone	591-78-6	ug/L	9/11/2019	ND	
MW-30R	d	2-Hexanone	591-78-6	ug/L	9/11/2019	ND	
MW-33R	d	2-Hexanone	591-78-6	ug/L	9/11/2019	ND	
MW-58	d	2-Hexanone	591-78-6	ug/L	9/11/2019	ND	
GU-3A	d	2-Hexanone	591-78-6	ug/L	3/16/2020	ND	
MW-33R	d	2-Hexanone	591-78-6	ug/L	3/16/2020	ND	
MW-14R	d	2-Hexanone	591-78-6	ug/L	3/17/2020	ND	
MW-29	d	2-Hexanone	591-78-6	ug/L	3/17/2020	ND	
MW-30R	d	2-Hexanone	591-78-6	ug/L	3/17/2020	ND	
MW-58	d	2-Hexanone	591-78-6	ug/L	3/17/2020	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	7/20/2020	ND	
MW-28	d	2-Hexanone	591-78-6	ug/L	7/20/2020	ND	
MW-51	d	2-Hexanone	591-78-6	ug/L	7/20/2020	ND	
MW-55	d	2-Hexanone	591-78-6	ug/L	7/20/2020	ND	
MW-56	d	2-Hexanone	591-78-6	ug/L	7/20/2020	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57R	d	2-Hexanone	591-78-6	ug/L	7/20/2020	ND	
MW-73	d	2-Hexanone	591-78-6	ug/L	7/20/2020	ND	
MW-18	d	2-Hexanone	591-78-6	ug/L	7/21/2020	ND	
MW-50	d	2-Hexanone	591-78-6	ug/L	7/21/2020	ND	
MW-52	d	2-Hexanone	591-78-6	ug/L	7/21/2020	ND	
MW-53	d	2-Hexanone	591-78-6	ug/L	7/21/2020	ND	
MW-54	d	2-Hexanone	591-78-6	ug/L	7/21/2020	ND	
MW-23	u	2-Hexanone	591-78-6	ug/L	7/22/2020	ND	
MW-24R	u	2-Hexanone	591-78-6	ug/L	7/22/2020	ND	
MW-55	d	2-Hexanone	591-78-6	ug/L	11/12/2020	ND	
MW-33R	d	2-Hexanone	591-78-6	ug/L	8/24/2021		<10.0
MW-14R	d	2-Hexanone	591-78-6	ug/L	8/24/2021		<10.0
MW-29	d	2-Hexanone	591-78-6	ug/L	8/25/2021		<10.0
MW-58	d	2-Hexanone	591-78-6	ug/L	8/25/2021		<10.0
MW-30R	d	2-Hexanone	591-78-6	ug/L	8/25/2021		<10.0
MW-68	d	2-Hexanone	591-78-6	ug/L	8/25/2021		<10.0
MW-69	d	2-Hexanone	591-78-6	ug/L	8/25/2021		<10.0
MW-70	d	2-Hexanone	591-78-6	ug/L	8/26/2021		<10.0
MW-57R	d	2-Hexanone	591-78-6	ug/L	8/26/2021		<10.0
PZ-13	d	2-Hexanone	591-78-6	ug/L	8/27/2021		<10.0
MW-73	d	2-Hexanone	591-78-6	ug/L	8/27/2021		<10.0
GU-3A	d	2-Hexanone	591-78-6	ug/L	9/8/2021		<10.0
MW-24R	u	2-Hexanone	591-78-6	ug/L	12/7/2021		<10.0
MW-28	d	2-Hexanone	591-78-6	ug/L	12/7/2021		<10.0
MW-57R	d	2-Hexanone	591-78-6	ug/L	12/7/2021		<10.0
MW-73	d	2-Hexanone	591-78-6	ug/L	12/7/2021		<10.0
MW-56	d	2-Hexanone	591-78-6	ug/L	12/7/2021		<10.0
MW-19	d	2-Hexanone	591-78-6	ug/L	12/7/2021		<10.0
MW-18	d	2-Hexanone	591-78-6	ug/L	12/7/2021		<10.0
MW-55	d	2-Hexanone	591-78-6	ug/L	12/7/2021		<10.0
MW-50	d	2-Hexanone	591-78-6	ug/L	12/7/2021		<10.0
MW-23	u	2-Hexanone	591-78-6	ug/L	12/8/2021		<10.0
MW-39	d	2-Hexanone	591-78-6	ug/L	12/8/2021		<10.0
MW-51	d	2-Hexanone	591-78-6	ug/L	12/8/2021		<10.0
MW-52	d	2-Hexanone	591-78-6	ug/L	12/8/2021		<10.0
MW-53	d	2-Hexanone	591-78-6	ug/L	12/8/2021		<10.0
MW-54	d	2-Hexanone	591-78-6	ug/L	12/8/2021		<10.0
MW-39	d	2-Methylnaphthalene	91-57-6	ug/L	3/11/2013	ND	
MW-31R	d	2-Methylnaphthalene	91-57-6	ug/L	9/10/2013	ND	
MW-32R	d	2-Methylnaphthalene	91-57-6	ug/L	9/10/2013	ND	
MW-18	d	2-Methylnaphthalene	91-57-6	ug/L	12/18/2013	ND	
MW-20	d	2-Methylnaphthalene	91-57-6	ug/L	12/18/2013	ND	
MW-21	d	2-Methylnaphthalene	91-57-6	ug/L	12/18/2013	ND	
MW-22R	d	2-Methylnaphthalene	91-57-6	ug/L	12/18/2013	ND	
MW-30R	d	2-Methylnaphthalene	91-57-6	ug/L	12/18/2013	ND	
MW-18	d	2-Methylnaphthalene	91-57-6	ug/L	6/24/2014	ND	
MW-29	d	2-Methylnaphthalene	91-57-6	ug/L	7/24/2014	ND	
MW-57	d	2-Methylnaphthalene	91-57-6	ug/L	7/24/2014	ND	
MW-58	d	2-Methylnaphthalene	91-57-6	ug/L	7/24/2014	ND	
MW-33R	d	2-Methylnaphthalene	91-57-6	ug/L	9/24/2014	ND	
MW-50	d	2-Methylnaphthalene	91-57-6	ug/L	9/24/2014	ND	
MW-51	d	2-Methylnaphthalene	91-57-6	ug/L	9/24/2014	ND	
MW-52	d	2-Methylnaphthalene	91-57-6	ug/L	9/24/2014	ND	
MW-53	d	2-Methylnaphthalene	91-57-6	ug/L	9/24/2014	ND	
MW-54	d	2-Methylnaphthalene	91-57-6	ug/L	9/24/2014	J	0.209
MW-14R	d	2-Methylnaphthalene	91-57-6	ug/L	12/4/2014	ND	
MW-19	d	2-Methylnaphthalene	91-57-6	ug/L	12/4/2014	ND	
MW-28	d	2-Methylnaphthalene	91-57-6	ug/L	12/4/2014	ND	
MW-56	d	2-Methylnaphthalene	91-57-6	ug/L	12/4/2014	ND	
MW-55	d	2-Methylnaphthalene	91-57-6	ug/L	3/11/2015	ND	
MW-20	d	2-Methylnaphthalene	91-57-6	ug/L	4/3/2018	ND	
MW-21	d	2-Methylnaphthalene	91-57-6	ug/L	4/3/2018	ND	
MW-30R	d	2-Methylnaphthalene	91-57-6	ug/L	4/3/2018	ND	
MW-31R	d	2-Methylnaphthalene	91-57-6	ug/L	4/3/2018	ND	
MW-32R	d	2-Methylnaphthalene	91-57-6	ug/L	4/3/2018	ND	
MW-39	d	2-Methylnaphthalene	91-57-6	ug/L	11/1/2018	ND	
MW-22R	d	2-Methylnaphthalene	91-57-6	ug/L	11/2/2018	ND	
MW-18	d	2-Methylnaphthalene	91-57-6	ug/L	5/16/2019	ND	
MW-19	d	2-Methylnaphthalene	91-57-6	ug/L	5/16/2019	ND	
MW-28	d	2-Methylnaphthalene	91-57-6	ug/L	5/16/2019	ND	
MW-50	d	2-Methylnaphthalene	91-57-6	ug/L	5/20/2019	ND	
MW-51	d	2-Methylnaphthalene	91-57-6	ug/L	5/20/2019	ND	
MW-52	d	2-Methylnaphthalene	91-57-6	ug/L	5/20/2019	ND	
MW-53	d	2-Methylnaphthalene	91-57-6	ug/L	5/20/2019	ND	
MW-54	d	2-Methylnaphthalene	91-57-6	ug/L	5/20/2019	ND	
MW-56	d	2-Methylnaphthalene	91-57-6	ug/L	5/20/2019	ND	
MW-14R	d	2-Methylnaphthalene	91-57-6	ug/L	9/11/2019	ND	
MW-29	d	2-Methylnaphthalene	91-57-6	ug/L	9/11/2019	ND	
MW-33R	d	2-Methylnaphthalene	91-57-6	ug/L	9/11/2019	ND	
MW-58	d	2-Methylnaphthalene	91-57-6	ug/L	9/11/2019	ND	
MW-55	d	2-Methylnaphthalene	91-57-6	ug/L	11/12/2020	ND	
MW-39	d	2-Methylphenol	95-48-7	ug/L	3/11/2013	ND	
MW-31R	d	2-Methylphenol	95-48-7	ug/L	9/10/2013	ND	
MW-32R	d	2-Methylphenol	95-48-7	ug/L	9/10/2013	ND	
MW-18	d	2-Methylphenol	95-48-7	ug/L	12/18/2013	ND	
MW-20	d	2-Methylphenol	95-48-7	ug/L	12/18/2013	ND	
MW-21	d	2-Methylphenol	95-48-7	ug/L	12/18/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-22R	d	2-Methylphenol	95-48-7	ug/L	12/18/2013	ND	
MW-30R	d	2-Methylphenol	95-48-7	ug/L	12/18/2013	ND	
MW-18	d	2-Methylphenol	95-48-7	ug/L	6/24/2014	ND	
MW-29	d	2-Methylphenol	95-48-7	ug/L	7/24/2014	ND	
MW-57	d	2-Methylphenol	95-48-7	ug/L	7/24/2014	ND	
MW-58	d	2-Methylphenol	95-48-7	ug/L	7/24/2014	ND	
MW-33R	d	2-Methylphenol	95-48-7	ug/L	9/24/2014	ND	
MW-50	d	2-Methylphenol	95-48-7	ug/L	9/24/2014	ND	
MW-51	d	2-Methylphenol	95-48-7	ug/L	9/24/2014	ND	
MW-52	d	2-Methylphenol	95-48-7	ug/L	9/24/2014	ND	
MW-53	d	2-Methylphenol	95-48-7	ug/L	9/24/2014	ND	
MW-54	d	2-Methylphenol	95-48-7	ug/L	9/24/2014	ND	
MW-14R	d	2-Methylphenol	95-48-7	ug/L	12/4/2014	ND	
MW-19	d	2-Methylphenol	95-48-7	ug/L	12/4/2014	ND	
MW-28	d	2-Methylphenol	95-48-7	ug/L	12/4/2014	ND	
MW-56	d	2-Methylphenol	95-48-7	ug/L	12/4/2014	ND	
MW-55	d	2-Methylphenol	95-48-7	ug/L	3/11/2015	ND	
MW-20	d	2-Methylphenol	95-48-7	ug/L	4/3/2018	ND	
MW-21	d	2-Methylphenol	95-48-7	ug/L	4/3/2018	ND	
MW-30R	d	2-Methylphenol	95-48-7	ug/L	4/3/2018	ND	
MW-31R	d	2-Methylphenol	95-48-7	ug/L	4/3/2018	ND	
MW-32R	d	2-Methylphenol	95-48-7	ug/L	4/3/2018	ND	
MW-39	d	2-Methylphenol	95-48-7	ug/L	11/1/2018	ND	
MW-22R	d	2-Methylphenol	95-48-7	ug/L	11/2/2018	ND	
MW-18	d	2-Methylphenol	95-48-7	ug/L	5/16/2019	ND	
MW-19	d	2-Methylphenol	95-48-7	ug/L	5/16/2019	ND	
MW-28	d	2-Methylphenol	95-48-7	ug/L	5/16/2019	ND	
MW-50	d	2-Methylphenol	95-48-7	ug/L	5/20/2019	ND	
MW-51	d	2-Methylphenol	95-48-7	ug/L	5/20/2019	ND	
MW-52	d	2-Methylphenol	95-48-7	ug/L	5/20/2019	ND	
MW-53	d	2-Methylphenol	95-48-7	ug/L	5/20/2019	ND	
MW-54	d	2-Methylphenol	95-48-7	ug/L	5/20/2019	ND	
MW-56	d	2-Methylphenol	95-48-7	ug/L	5/20/2019	ND	
MW-14R	d	2-Methylphenol	95-48-7	ug/L	9/11/2019	ND	
MW-29	d	2-Methylphenol	95-48-7	ug/L	9/11/2019	ND	
MW-33R	d	2-Methylphenol	95-48-7	ug/L	9/11/2019	ND	
MW-58	d	2-Methylphenol	95-48-7	ug/L	9/11/2019	ND	
MW-55	d	2-Methylphenol	95-48-7	ug/L	11/12/2020	ND	
MW-39	d	2-Naphthylamine	91-59-8	ug/L	3/11/2013	ND	
MW-31R	d	2-Naphthylamine	91-59-8	ug/L	9/10/2013	ND	
MW-32R	d	2-Naphthylamine	91-59-8	ug/L	9/10/2013	ND	
MW-18	d	2-Naphthylamine	91-59-8	ug/L	12/18/2013	ND	
MW-20	d	2-Naphthylamine	91-59-8	ug/L	12/18/2013	ND	
MW-21	d	2-Naphthylamine	91-59-8	ug/L	12/18/2013	ND	
MW-22R	d	2-Naphthylamine	91-59-8	ug/L	12/18/2013	ND	
MW-30R	d	2-Naphthylamine	91-59-8	ug/L	12/18/2013	ND	
MW-18	d	2-Naphthylamine	91-59-8	ug/L	6/24/2014	ND	
MW-29	d	2-Naphthylamine	91-59-8	ug/L	7/24/2014	ND	
MW-57	d	2-Naphthylamine	91-59-8	ug/L	7/24/2014	ND	
MW-58	d	2-Naphthylamine	91-59-8	ug/L	7/24/2014	ND	
MW-33R	d	2-Naphthylamine	91-59-8	ug/L	9/24/2014	ND	
MW-50	d	2-Naphthylamine	91-59-8	ug/L	9/24/2014	ND	
MW-51	d	2-Naphthylamine	91-59-8	ug/L	9/24/2014	ND	
MW-52	d	2-Naphthylamine	91-59-8	ug/L	9/24/2014	ND	
MW-53	d	2-Naphthylamine	91-59-8	ug/L	9/24/2014	ND	
MW-54	d	2-Naphthylamine	91-59-8	ug/L	9/24/2014	ND	
MW-14R	d	2-Naphthylamine	91-59-8	ug/L	12/4/2014	ND	
MW-19	d	2-Naphthylamine	91-59-8	ug/L	12/4/2014	ND	
MW-28	d	2-Naphthylamine	91-59-8	ug/L	12/4/2014	ND	
MW-56	d	2-Naphthylamine	91-59-8	ug/L	12/4/2014	ND	
MW-55	d	2-Naphthylamine	91-59-8	ug/L	3/11/2015	ND	
MW-20	d	2-Naphthylamine	91-59-8	ug/L	4/3/2018	ND	
MW-21	d	2-Naphthylamine	91-59-8	ug/L	4/3/2018	ND	
MW-30R	d	2-Naphthylamine	91-59-8	ug/L	4/3/2018	ND	
MW-31R	d	2-Naphthylamine	91-59-8	ug/L	4/3/2018	ND	
MW-32R	d	2-Naphthylamine	91-59-8	ug/L	4/3/2018	ND	
MW-39	d	2-Naphthylamine	91-59-8	ug/L	11/1/2018	ND	
MW-22R	d	2-Naphthylamine	91-59-8	ug/L	11/2/2018	ND	
MW-18	d	2-Naphthylamine	91-59-8	ug/L	5/16/2019	ND	
MW-19	d	2-Naphthylamine	91-59-8	ug/L	5/16/2019	ND	
MW-28	d	2-Naphthylamine	91-59-8	ug/L	5/16/2019	ND	
MW-50	d	2-Naphthylamine	91-59-8	ug/L	5/20/2019	ND	
MW-51	d	2-Naphthylamine	91-59-8	ug/L	5/20/2019	ND	
MW-52	d	2-Naphthylamine	91-59-8	ug/L	5/20/2019	ND	
MW-53	d	2-Naphthylamine	91-59-8	ug/L	5/20/2019	ND	
MW-54	d	2-Naphthylamine	91-59-8	ug/L	5/20/2019	ND	
MW-56	d	2-Naphthylamine	91-59-8	ug/L	5/20/2019	ND	
MW-14R	d	2-Naphthylamine	91-59-8	ug/L	9/11/2019	ND	
MW-29	d	2-Naphthylamine	91-59-8	ug/L	9/11/2019	ND	
MW-33R	d	2-Naphthylamine	91-59-8	ug/L	9/11/2019	ND	
MW-58	d	2-Naphthylamine	91-59-8	ug/L	9/11/2019	J	0.499
MW-58	d	2-Naphthylamine	91-59-8	ug/L	3/17/2020	ND	
MW-55	d	2-Naphthylamine	91-59-8	ug/L	11/12/2020	ND	
MW-58	d	2-Naphthylamine	91-59-8	ug/L	8/25/2021		<10.5
MW-39	d	2-Nitroaniline	88-74-4	ug/L	3/11/2013	ND	
MW-31R	d	2-Nitroaniline	88-74-4	ug/L	9/10/2013	ND	
MW-32R	d	2-Nitroaniline	88-74-4	ug/L	9/10/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-18	d	2-Nitroaniline	88-74-4	ug/L	12/18/2013	ND	
MW-20	d	2-Nitroaniline	88-74-4	ug/L	12/18/2013	ND	
MW-21	d	2-Nitroaniline	88-74-4	ug/L	12/18/2013	ND	
MW-22R	d	2-Nitroaniline	88-74-4	ug/L	12/18/2013	ND	
MW-30R	d	2-Nitroaniline	88-74-4	ug/L	12/18/2013	ND	
MW-18	d	2-Nitroaniline	88-74-4	ug/L	6/24/2014	ND	
MW-29	d	2-Nitroaniline	88-74-4	ug/L	7/24/2014	ND	
MW-57	d	2-Nitroaniline	88-74-4	ug/L	7/24/2014	ND	
MW-58	d	2-Nitroaniline	88-74-4	ug/L	7/24/2014	ND	
MW-33R	d	2-Nitroaniline	88-74-4	ug/L	9/24/2014	ND	
MW-50	d	2-Nitroaniline	88-74-4	ug/L	9/24/2014	ND	
MW-51	d	2-Nitroaniline	88-74-4	ug/L	9/24/2014	ND	
MW-52	d	2-Nitroaniline	88-74-4	ug/L	9/24/2014	ND	
MW-53	d	2-Nitroaniline	88-74-4	ug/L	9/24/2014	ND	
MW-54	d	2-Nitroaniline	88-74-4	ug/L	9/24/2014	ND	
MW-14R	d	2-Nitroaniline	88-74-4	ug/L	12/4/2014	ND	
MW-19	d	2-Nitroaniline	88-74-4	ug/L	12/4/2014	ND	
MW-28	d	2-Nitroaniline	88-74-4	ug/L	12/4/2014	ND	
MW-56	d	2-Nitroaniline	88-74-4	ug/L	12/4/2014	ND	
MW-55	d	2-Nitroaniline	88-74-4	ug/L	3/11/2015	ND	
MW-20	d	2-Nitroaniline	88-74-4	ug/L	4/3/2018	ND	
MW-21	d	2-Nitroaniline	88-74-4	ug/L	4/3/2018	ND	
MW-30R	d	2-Nitroaniline	88-74-4	ug/L	4/3/2018	ND	
MW-31R	d	2-Nitroaniline	88-74-4	ug/L	4/3/2018	ND	
MW-32R	d	2-Nitroaniline	88-74-4	ug/L	4/3/2018	ND	
MW-39	d	2-Nitroaniline	88-74-4	ug/L	11/1/2018	ND	
MW-22R	d	2-Nitroaniline	88-74-4	ug/L	11/2/2018	ND	
MW-18	d	2-Nitroaniline	88-74-4	ug/L	5/16/2019	ND	
MW-19	d	2-Nitroaniline	88-74-4	ug/L	5/16/2019	ND	
MW-28	d	2-Nitroaniline	88-74-4	ug/L	5/16/2019	ND	
MW-50	d	2-Nitroaniline	88-74-4	ug/L	5/20/2019	ND	
MW-51	d	2-Nitroaniline	88-74-4	ug/L	5/20/2019	ND	
MW-52	d	2-Nitroaniline	88-74-4	ug/L	5/20/2019	ND	
MW-53	d	2-Nitroaniline	88-74-4	ug/L	5/20/2019	ND	
MW-54	d	2-Nitroaniline	88-74-4	ug/L	5/20/2019	ND	
MW-56	d	2-Nitroaniline	88-74-4	ug/L	5/20/2019	ND	
MW-14R	d	2-Nitroaniline	88-74-4	ug/L	9/11/2019	ND	
MW-29	d	2-Nitroaniline	88-74-4	ug/L	9/11/2019	ND	
MW-33R	d	2-Nitroaniline	88-74-4	ug/L	9/11/2019	ND	
MW-58	d	2-Nitroaniline	88-74-4	ug/L	9/11/2019	ND	
MW-55	d	2-Nitroaniline	88-74-4	ug/L	11/12/2020	ND	
MW-39	d	2-Nitrophenol	88-75-5	ug/L	3/11/2013	ND	
MW-31R	d	2-Nitrophenol	88-75-5	ug/L	9/10/2013	ND	
MW-32R	d	2-Nitrophenol	88-75-5	ug/L	9/10/2013	ND	
MW-18	d	2-Nitrophenol	88-75-5	ug/L	12/18/2013	ND	
MW-20	d	2-Nitrophenol	88-75-5	ug/L	12/18/2013	ND	
MW-21	d	2-Nitrophenol	88-75-5	ug/L	12/18/2013	ND	
MW-22R	d	2-Nitrophenol	88-75-5	ug/L	12/18/2013	ND	
MW-30R	d	2-Nitrophenol	88-75-5	ug/L	12/18/2013	ND	
MW-18	d	2-Nitrophenol	88-75-5	ug/L	6/24/2014	ND	
MW-29	d	2-Nitrophenol	88-75-5	ug/L	7/24/2014	ND	
MW-57	d	2-Nitrophenol	88-75-5	ug/L	7/24/2014	ND	
MW-58	d	2-Nitrophenol	88-75-5	ug/L	7/24/2014	ND	
MW-33R	d	2-Nitrophenol	88-75-5	ug/L	9/24/2014	ND	
MW-50	d	2-Nitrophenol	88-75-5	ug/L	9/24/2014	ND	
MW-51	d	2-Nitrophenol	88-75-5	ug/L	9/24/2014	ND	
MW-52	d	2-Nitrophenol	88-75-5	ug/L	9/24/2014	ND	
MW-53	d	2-Nitrophenol	88-75-5	ug/L	9/24/2014	ND	
MW-54	d	2-Nitrophenol	88-75-5	ug/L	9/24/2014	ND	
MW-14R	d	2-Nitrophenol	88-75-5	ug/L	12/4/2014	ND	
MW-19	d	2-Nitrophenol	88-75-5	ug/L	12/4/2014	ND	
MW-28	d	2-Nitrophenol	88-75-5	ug/L	12/4/2014	ND	
MW-56	d	2-Nitrophenol	88-75-5	ug/L	12/4/2014	ND	
MW-55	d	2-Nitrophenol	88-75-5	ug/L	3/11/2015	ND	
MW-20	d	2-Nitrophenol	88-75-5	ug/L	4/3/2018	ND	
MW-21	d	2-Nitrophenol	88-75-5	ug/L	4/3/2018	ND	
MW-30R	d	2-Nitrophenol	88-75-5	ug/L	4/3/2018	ND	
MW-31R	d	2-Nitrophenol	88-75-5	ug/L	4/3/2018	ND	
MW-32R	d	2-Nitrophenol	88-75-5	ug/L	4/3/2018	ND	
MW-39	d	2-Nitrophenol	88-75-5	ug/L	11/1/2018	ND	
MW-22R	d	2-Nitrophenol	88-75-5	ug/L	11/2/2018	ND	
MW-18	d	2-Nitrophenol	88-75-5	ug/L	5/16/2019	ND	
MW-19	d	2-Nitrophenol	88-75-5	ug/L	5/16/2019	ND	
MW-28	d	2-Nitrophenol	88-75-5	ug/L	5/16/2019	ND	
MW-50	d	2-Nitrophenol	88-75-5	ug/L	5/20/2019	ND	
MW-51	d	2-Nitrophenol	88-75-5	ug/L	5/20/2019	ND	
MW-52	d	2-Nitrophenol	88-75-5	ug/L	5/20/2019	ND	
MW-53	d	2-Nitrophenol	88-75-5	ug/L	5/20/2019	ND	
MW-54	d	2-Nitrophenol	88-75-5	ug/L	5/20/2019	ND	
MW-56	d	2-Nitrophenol	88-75-5	ug/L	5/20/2019	ND	
MW-14R	d	2-Nitrophenol	88-75-5	ug/L	9/11/2019	ND	
MW-29	d	2-Nitrophenol	88-75-5	ug/L	9/11/2019	ND	
MW-33R	d	2-Nitrophenol	88-75-5	ug/L	9/11/2019	ND	
MW-58	d	2-Nitrophenol	88-75-5	ug/L	9/11/2019	ND	
MW-55	d	2-Nitrophenol	88-75-5	ug/L	11/12/2020	ND	
MW-39	d	3,3-Dichlorobenzidine	91-94-1	ug/L	3/11/2013	ND	
MW-31R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/10/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-32R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/10/2013	ND	
MW-18	d	3,3-Dichlorobenzidine	91-94-1	ug/L	12/18/2013	ND	
MW-20	d	3,3-Dichlorobenzidine	91-94-1	ug/L	12/18/2013	ND	
MW-21	d	3,3-Dichlorobenzidine	91-94-1	ug/L	12/18/2013	ND	
MW-22R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	12/18/2013	ND	
MW-30R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	12/18/2013	ND	
MW-18	d	3,3-Dichlorobenzidine	91-94-1	ug/L	6/24/2014	ND	
MW-29	d	3,3-Dichlorobenzidine	91-94-1	ug/L	7/24/2014	ND	
MW-57	d	3,3-Dichlorobenzidine	91-94-1	ug/L	7/24/2014	ND	
MW-58	d	3,3-Dichlorobenzidine	91-94-1	ug/L	7/24/2014	ND	
MW-33R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/24/2014	ND	
MW-50	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/24/2014	ND	
MW-51	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/24/2014	ND	
MW-52	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/24/2014	ND	
MW-53	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/24/2014	ND	
MW-54	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/24/2014	ND	
MW-14R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	12/4/2014	ND	
MW-19	d	3,3-Dichlorobenzidine	91-94-1	ug/L	12/4/2014	ND	
MW-28	d	3,3-Dichlorobenzidine	91-94-1	ug/L	12/4/2014	ND	
MW-56	d	3,3-Dichlorobenzidine	91-94-1	ug/L	12/4/2014	ND	
MW-55	d	3,3-Dichlorobenzidine	91-94-1	ug/L	3/11/2015	ND	
MW-20	d	3,3-Dichlorobenzidine	91-94-1	ug/L	4/3/2018	ND	
MW-21	d	3,3-Dichlorobenzidine	91-94-1	ug/L	4/3/2018	ND	
MW-30R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	4/3/2018	ND	
MW-31R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	4/3/2018	ND	
MW-32R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	4/3/2018	ND	
MW-39	d	3,3-Dichlorobenzidine	91-94-1	ug/L	11/1/2018	ND	
MW-22R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	11/2/2018	ND	
MW-18	d	3,3-Dichlorobenzidine	91-94-1	ug/L	5/16/2019	ND	
MW-19	d	3,3-Dichlorobenzidine	91-94-1	ug/L	5/16/2019	ND	
MW-28	d	3,3-Dichlorobenzidine	91-94-1	ug/L	5/16/2019	ND	
MW-50	d	3,3-Dichlorobenzidine	91-94-1	ug/L	5/20/2019	ND	
MW-51	d	3,3-Dichlorobenzidine	91-94-1	ug/L	5/20/2019	ND	
MW-52	d	3,3-Dichlorobenzidine	91-94-1	ug/L	5/20/2019	ND	
MW-53	d	3,3-Dichlorobenzidine	91-94-1	ug/L	5/20/2019	ND	
MW-54	d	3,3-Dichlorobenzidine	91-94-1	ug/L	5/20/2019	ND	
MW-56	d	3,3-Dichlorobenzidine	91-94-1	ug/L	5/20/2019	ND	
MW-14R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/11/2019	ND	
MW-29	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/11/2019	ND	
MW-33R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/11/2019	ND	
MW-58	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/11/2019	ND	
MW-55	d	3,3-Dichlorobenzidine	91-94-1	ug/L	11/12/2020	ND	
MW-39	d	3,3-Dimethylbenzidine	119-93-7	ug/L	3/11/2013	ND	
MW-31R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/10/2013	ND	
MW-32R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/10/2013	ND	
MW-18	d	3,3-Dimethylbenzidine	119-93-7	ug/L	12/18/2013	ND	
MW-20	d	3,3-Dimethylbenzidine	119-93-7	ug/L	12/18/2013	ND	
MW-21	d	3,3-Dimethylbenzidine	119-93-7	ug/L	12/18/2013	ND	
MW-22R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	12/18/2013	ND	
MW-30R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	12/18/2013	ND	
MW-18	d	3,3-Dimethylbenzidine	119-93-7	ug/L	6/24/2014	ND	
MW-29	d	3,3-Dimethylbenzidine	119-93-7	ug/L	7/24/2014	ND	
MW-57	d	3,3-Dimethylbenzidine	119-93-7	ug/L	7/24/2014	ND	
MW-58	d	3,3-Dimethylbenzidine	119-93-7	ug/L	7/24/2014	ND	
MW-33R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/24/2014	ND	
MW-50	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/24/2014	ND	
MW-51	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/24/2014	ND	
MW-52	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/24/2014	ND	
MW-53	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/24/2014	ND	
MW-54	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/24/2014	ND	
MW-14R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	12/4/2014	ND	
MW-19	d	3,3-Dimethylbenzidine	119-93-7	ug/L	12/4/2014	ND	
MW-28	d	3,3-Dimethylbenzidine	119-93-7	ug/L	12/4/2014	ND	
MW-56	d	3,3-Dimethylbenzidine	119-93-7	ug/L	12/4/2014	ND	
MW-55	d	3,3-Dimethylbenzidine	119-93-7	ug/L	3/11/2015	ND	
MW-20	d	3,3-Dimethylbenzidine	119-93-7	ug/L	4/3/2018	ND	
MW-21	d	3,3-Dimethylbenzidine	119-93-7	ug/L	4/3/2018	ND	
MW-30R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	4/3/2018	ND	
MW-31R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	4/3/2018	ND	
MW-32R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	4/3/2018	ND	
MW-39	d	3,3-Dimethylbenzidine	119-93-7	ug/L	11/1/2018	ND	
MW-22R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	11/2/2018	ND	
MW-18	d	3,3-Dimethylbenzidine	119-93-7	ug/L	5/16/2019	ND	
MW-19	d	3,3-Dimethylbenzidine	119-93-7	ug/L	5/16/2019	ND	
MW-28	d	3,3-Dimethylbenzidine	119-93-7	ug/L	5/16/2019	ND	
MW-50	d	3,3-Dimethylbenzidine	119-93-7	ug/L	5/20/2019	ND	
MW-51	d	3,3-Dimethylbenzidine	119-93-7	ug/L	5/20/2019	ND	
MW-52	d	3,3-Dimethylbenzidine	119-93-7	ug/L	5/20/2019	ND	
MW-53	d	3,3-Dimethylbenzidine	119-93-7	ug/L	5/20/2019	ND	
MW-54	d	3,3-Dimethylbenzidine	119-93-7	ug/L	5/20/2019	ND	
MW-56	d	3,3-Dimethylbenzidine	119-93-7	ug/L	5/20/2019	ND	
MW-14R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/11/2019	ND	
MW-29	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/11/2019	ND	
MW-33R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/11/2019	ND	
MW-58	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/11/2019	ND	
MW-55	d	3,3-Dimethylbenzidine	119-93-7	ug/L	11/12/2020	ND	
MW-39	d	3/4-Methylphenol	T-34MP	ug/L	3/11/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	3/4-Methylphenol	T-34MP	ug/L	9/10/2013	ND	
MW-32R	d	3/4-Methylphenol	T-34MP	ug/L	9/10/2013	ND	
MW-18	d	3/4-Methylphenol	T-34MP	ug/L	12/18/2013	ND	
MW-20	d	3/4-Methylphenol	T-34MP	ug/L	12/18/2013	ND	
MW-21	d	3/4-Methylphenol	T-34MP	ug/L	12/18/2013	ND	
MW-22R	d	3/4-Methylphenol	T-34MP	ug/L	12/18/2013	ND	
MW-30R	d	3/4-Methylphenol	T-34MP	ug/L	12/18/2013	ND	
MW-18	d	3/4-Methylphenol	T-34MP	ug/L	6/24/2014	ND	
MW-29	d	3/4-Methylphenol	T-34MP	ug/L	7/24/2014	ND	
MW-57	d	3/4-Methylphenol	T-34MP	ug/L	7/24/2014	ND	
MW-58	d	3/4-Methylphenol	T-34MP	ug/L	7/24/2014	ND	
MW-33R	d	3/4-Methylphenol	T-34MP	ug/L	9/24/2014	ND	
MW-50	d	3/4-Methylphenol	T-34MP	ug/L	9/24/2014	ND	
MW-51	d	3/4-Methylphenol	T-34MP	ug/L	9/24/2014	ND	
MW-52	d	3/4-Methylphenol	T-34MP	ug/L	9/24/2014	ND	
MW-53	d	3/4-Methylphenol	T-34MP	ug/L	9/24/2014	ND	
MW-54	d	3/4-Methylphenol	T-34MP	ug/L	9/24/2014	ND	
MW-14R	d	3/4-Methylphenol	T-34MP	ug/L	12/4/2014	ND	
MW-19	d	3/4-Methylphenol	T-34MP	ug/L	12/4/2014	ND	
MW-28	d	3/4-Methylphenol	T-34MP	ug/L	12/4/2014	ND	
MW-56	d	3/4-Methylphenol	T-34MP	ug/L	12/4/2014	ND	
MW-55	d	3/4-Methylphenol	T-34MP	ug/L	3/11/2015	ND	
MW-20	d	3/4-Methylphenol	T-34MP	ug/L	4/3/2018	ND	
MW-21	d	3/4-Methylphenol	T-34MP	ug/L	4/3/2018	ND	
MW-30R	d	3/4-Methylphenol	T-34MP	ug/L	4/3/2018	ND	
MW-31R	d	3/4-Methylphenol	T-34MP	ug/L	4/3/2018	ND	
MW-32R	d	3/4-Methylphenol	T-34MP	ug/L	4/3/2018	ND	
MW-39	d	3/4-Methylphenol	T-34MP	ug/L	11/1/2018	ND	
MW-22R	d	3/4-Methylphenol	T-34MP	ug/L	11/2/2018	ND	
MW-18	d	3/4-Methylphenol	T-34MP	ug/L	5/16/2019	ND	
MW-19	d	3/4-Methylphenol	T-34MP	ug/L	5/16/2019	ND	
MW-28	d	3/4-Methylphenol	T-34MP	ug/L	5/16/2019	ND	
MW-50	d	3/4-Methylphenol	T-34MP	ug/L	5/20/2019	ND	
MW-51	d	3/4-Methylphenol	T-34MP	ug/L	5/20/2019	ND	
MW-52	d	3/4-Methylphenol	T-34MP	ug/L	5/20/2019	ND	
MW-53	d	3/4-Methylphenol	T-34MP	ug/L	5/20/2019	ND	
MW-54	d	3/4-Methylphenol	T-34MP	ug/L	5/20/2019	ND	
MW-56	d	3/4-Methylphenol	T-34MP	ug/L	5/20/2019	J	0.522
MW-14R	d	3/4-Methylphenol	T-34MP	ug/L	9/11/2019	ND	
MW-29	d	3/4-Methylphenol	T-34MP	ug/L	9/11/2019	ND	
MW-33R	d	3/4-Methylphenol	T-34MP	ug/L	9/11/2019	ND	
MW-58	d	3/4-Methylphenol	T-34MP	ug/L	9/11/2019	ND	
MW-55	d	3/4-Methylphenol	T-34MP	ug/L	11/12/2020	ND	
MW-39	d	3-Chloropropene	107-05-1	ug/L	3/11/2013	ND	
MW-31R	d	3-Chloropropene	107-05-1	ug/L	9/10/2013	ND	
MW-32R	d	3-Chloropropene	107-05-1	ug/L	9/10/2013	ND	
MW-18	d	3-Chloropropene	107-05-1	ug/L	12/18/2013	ND	
MW-20	d	3-Chloropropene	107-05-1	ug/L	12/18/2013	ND	
MW-21	d	3-Chloropropene	107-05-1	ug/L	12/18/2013	ND	
MW-22R	d	3-Chloropropene	107-05-1	ug/L	12/18/2013	ND	
MW-30R	d	3-Chloropropene	107-05-1	ug/L	12/18/2013	ND	
MW-18	d	3-Chloropropene	107-05-1	ug/L	6/24/2014	ND	
MW-29	d	3-Chloropropene	107-05-1	ug/L	7/24/2014	ND	
MW-57	d	3-Chloropropene	107-05-1	ug/L	7/24/2014	ND	
MW-58	d	3-Chloropropene	107-05-1	ug/L	7/24/2014	ND	
MW-33R	d	3-Chloropropene	107-05-1	ug/L	9/24/2014	ND	
MW-50	d	3-Chloropropene	107-05-1	ug/L	9/24/2014	ND	
MW-51	d	3-Chloropropene	107-05-1	ug/L	9/24/2014	ND	
MW-52	d	3-Chloropropene	107-05-1	ug/L	9/24/2014	ND	
MW-53	d	3-Chloropropene	107-05-1	ug/L	9/24/2014	ND	
MW-54	d	3-Chloropropene	107-05-1	ug/L	9/24/2014	ND	
MW-14R	d	3-Chloropropene	107-05-1	ug/L	12/4/2014	ND	
MW-19	d	3-Chloropropene	107-05-1	ug/L	12/4/2014	ND	
MW-28	d	3-Chloropropene	107-05-1	ug/L	12/4/2014	ND	
MW-56	d	3-Chloropropene	107-05-1	ug/L	12/4/2014	ND	
MW-55	d	3-Chloropropene	107-05-1	ug/L	3/11/2015	ND	
MW-20	d	3-Chloropropene	107-05-1	ug/L	4/3/2018	ND	
MW-21	d	3-Chloropropene	107-05-1	ug/L	4/3/2018	ND	
MW-30R	d	3-Chloropropene	107-05-1	ug/L	4/3/2018	ND	
MW-31R	d	3-Chloropropene	107-05-1	ug/L	4/3/2018	ND	
MW-32R	d	3-Chloropropene	107-05-1	ug/L	4/3/2018	ND	
MW-39	d	3-Chloropropene	107-05-1	ug/L	11/1/2018	ND	
MW-22R	d	3-Chloropropene	107-05-1	ug/L	11/2/2018	ND	
MW-18	d	3-Chloropropene	107-05-1	ug/L	5/16/2019	ND	
MW-19	d	3-Chloropropene	107-05-1	ug/L	5/16/2019	ND	
MW-28	d	3-Chloropropene	107-05-1	ug/L	5/16/2019	ND	
MW-50	d	3-Chloropropene	107-05-1	ug/L	5/20/2019	ND	
MW-51	d	3-Chloropropene	107-05-1	ug/L	5/20/2019	ND	
MW-52	d	3-Chloropropene	107-05-1	ug/L	5/20/2019	ND	
MW-54	d	3-Chloropropene	107-05-1	ug/L	5/20/2019	ND	
MW-56	d	3-Chloropropene	107-05-1	ug/L	5/20/2019	ND	
MW-53	d	3-Chloropropene	107-05-1	ug/L	5/21/2019	ND	
MW-14R	d	3-Chloropropene	107-05-1	ug/L	9/11/2019	ND	
MW-29	d	3-Chloropropene	107-05-1	ug/L	9/11/2019	ND	
MW-30R	d	3-Chloropropene	107-05-1	ug/L	9/11/2019	ND	
MW-33R	d	3-Chloropropene	107-05-1	ug/L	9/11/2019	ND	
MW-58	d	3-Chloropropene	107-05-1	ug/L	9/11/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-55	d	3-Chloropropene	107-05-1	ug/L	11/12/2020	ND	
MW-39	d	3-Methylcholanthrene	56-49-5	ug/L	3/11/2013	ND	
MW-31R	d	3-Methylcholanthrene	56-49-5	ug/L	9/10/2013	ND	
MW-32R	d	3-Methylcholanthrene	56-49-5	ug/L	9/10/2013	ND	
MW-18	d	3-Methylcholanthrene	56-49-5	ug/L	12/18/2013	ND	
MW-20	d	3-Methylcholanthrene	56-49-5	ug/L	12/18/2013	ND	
MW-21	d	3-Methylcholanthrene	56-49-5	ug/L	12/18/2013	ND	
MW-22R	d	3-Methylcholanthrene	56-49-5	ug/L	12/18/2013	ND	
MW-30R	d	3-Methylcholanthrene	56-49-5	ug/L	12/18/2013	ND	
MW-18	d	3-Methylcholanthrene	56-49-5	ug/L	6/24/2014	ND	
MW-29	d	3-Methylcholanthrene	56-49-5	ug/L	7/24/2014	ND	
MW-57	d	3-Methylcholanthrene	56-49-5	ug/L	7/24/2014	ND	
MW-58	d	3-Methylcholanthrene	56-49-5	ug/L	7/24/2014	ND	
MW-33R	d	3-Methylcholanthrene	56-49-5	ug/L	9/24/2014	ND	
MW-50	d	3-Methylcholanthrene	56-49-5	ug/L	9/24/2014	ND	
MW-51	d	3-Methylcholanthrene	56-49-5	ug/L	9/24/2014	ND	
MW-52	d	3-Methylcholanthrene	56-49-5	ug/L	9/24/2014	ND	
MW-53	d	3-Methylcholanthrene	56-49-5	ug/L	9/24/2014	ND	
MW-54	d	3-Methylcholanthrene	56-49-5	ug/L	9/24/2014	ND	
MW-14R	d	3-Methylcholanthrene	56-49-5	ug/L	12/4/2014	ND	
MW-19	d	3-Methylcholanthrene	56-49-5	ug/L	12/4/2014	ND	
MW-28	d	3-Methylcholanthrene	56-49-5	ug/L	12/4/2014	ND	
MW-56	d	3-Methylcholanthrene	56-49-5	ug/L	12/4/2014	ND	
MW-55	d	3-Methylcholanthrene	56-49-5	ug/L	3/11/2015	ND	
MW-20	d	3-Methylcholanthrene	56-49-5	ug/L	4/3/2018	ND	
MW-21	d	3-Methylcholanthrene	56-49-5	ug/L	4/3/2018	ND	
MW-30R	d	3-Methylcholanthrene	56-49-5	ug/L	4/3/2018	ND	
MW-31R	d	3-Methylcholanthrene	56-49-5	ug/L	4/3/2018	ND	
MW-32R	d	3-Methylcholanthrene	56-49-5	ug/L	4/3/2018	ND	
MW-39	d	3-Methylcholanthrene	56-49-5	ug/L	11/1/2018	ND	
MW-22R	d	3-Methylcholanthrene	56-49-5	ug/L	11/2/2018	ND	
MW-18	d	3-Methylcholanthrene	56-49-5	ug/L	5/16/2019	ND	
MW-19	d	3-Methylcholanthrene	56-49-5	ug/L	5/16/2019	ND	
MW-28	d	3-Methylcholanthrene	56-49-5	ug/L	5/16/2019	ND	
MW-50	d	3-Methylcholanthrene	56-49-5	ug/L	5/20/2019	ND	
MW-51	d	3-Methylcholanthrene	56-49-5	ug/L	5/20/2019	ND	
MW-52	d	3-Methylcholanthrene	56-49-5	ug/L	5/20/2019	ND	
MW-53	d	3-Methylcholanthrene	56-49-5	ug/L	5/20/2019	ND	
MW-54	d	3-Methylcholanthrene	56-49-5	ug/L	5/20/2019	ND	
MW-56	d	3-Methylcholanthrene	56-49-5	ug/L	5/20/2019	ND	
MW-14R	d	3-Methylcholanthrene	56-49-5	ug/L	9/11/2019	ND	
MW-29	d	3-Methylcholanthrene	56-49-5	ug/L	9/11/2019	ND	
MW-33R	d	3-Methylcholanthrene	56-49-5	ug/L	9/11/2019	ND	
MW-58	d	3-Methylcholanthrene	56-49-5	ug/L	9/11/2019	ND	
MW-55	d	3-Methylcholanthrene	56-49-5	ug/L	11/12/2020	ND	
MW-39	d	3-Nitroaniline	99-09-2	ug/L	3/11/2013	ND	
MW-31R	d	3-Nitroaniline	99-09-2	ug/L	9/10/2013	ND	
MW-32R	d	3-Nitroaniline	99-09-2	ug/L	9/10/2013	ND	
MW-18	d	3-Nitroaniline	99-09-2	ug/L	12/18/2013	ND	
MW-20	d	3-Nitroaniline	99-09-2	ug/L	12/18/2013	ND	
MW-21	d	3-Nitroaniline	99-09-2	ug/L	12/18/2013	ND	
MW-22R	d	3-Nitroaniline	99-09-2	ug/L	12/18/2013	ND	
MW-30R	d	3-Nitroaniline	99-09-2	ug/L	12/18/2013	ND	
MW-18	d	3-Nitroaniline	99-09-2	ug/L	6/24/2014	ND	
MW-29	d	3-Nitroaniline	99-09-2	ug/L	7/24/2014	ND	
MW-57	d	3-Nitroaniline	99-09-2	ug/L	7/24/2014	ND	
MW-58	d	3-Nitroaniline	99-09-2	ug/L	7/24/2014	ND	
MW-33R	d	3-Nitroaniline	99-09-2	ug/L	9/24/2014	ND	
MW-50	d	3-Nitroaniline	99-09-2	ug/L	9/24/2014	ND	
MW-51	d	3-Nitroaniline	99-09-2	ug/L	9/24/2014	ND	
MW-52	d	3-Nitroaniline	99-09-2	ug/L	9/24/2014	ND	
MW-53	d	3-Nitroaniline	99-09-2	ug/L	9/24/2014	ND	
MW-54	d	3-Nitroaniline	99-09-2	ug/L	9/24/2014	ND	
MW-14R	d	3-Nitroaniline	99-09-2	ug/L	12/4/2014	ND	
MW-19	d	3-Nitroaniline	99-09-2	ug/L	12/4/2014	ND	
MW-28	d	3-Nitroaniline	99-09-2	ug/L	12/4/2014	ND	
MW-56	d	3-Nitroaniline	99-09-2	ug/L	12/4/2014	ND	
MW-55	d	3-Nitroaniline	99-09-2	ug/L	3/11/2015	ND	
MW-20	d	3-Nitroaniline	99-09-2	ug/L	4/3/2018	ND	
MW-21	d	3-Nitroaniline	99-09-2	ug/L	4/3/2018	ND	
MW-30R	d	3-Nitroaniline	99-09-2	ug/L	4/3/2018	ND	
MW-31R	d	3-Nitroaniline	99-09-2	ug/L	4/3/2018	ND	
MW-32R	d	3-Nitroaniline	99-09-2	ug/L	4/3/2018	ND	
MW-39	d	3-Nitroaniline	99-09-2	ug/L	11/1/2018	ND	
MW-22R	d	3-Nitroaniline	99-09-2	ug/L	11/2/2018	ND	
MW-18	d	3-Nitroaniline	99-09-2	ug/L	5/16/2019	ND	
MW-19	d	3-Nitroaniline	99-09-2	ug/L	5/16/2019	ND	
MW-28	d	3-Nitroaniline	99-09-2	ug/L	5/16/2019	ND	
MW-50	d	3-Nitroaniline	99-09-2	ug/L	5/20/2019	ND	
MW-51	d	3-Nitroaniline	99-09-2	ug/L	5/20/2019	ND	
MW-52	d	3-Nitroaniline	99-09-2	ug/L	5/20/2019	ND	
MW-53	d	3-Nitroaniline	99-09-2	ug/L	5/20/2019	ND	
MW-54	d	3-Nitroaniline	99-09-2	ug/L	5/20/2019	ND	
MW-56	d	3-Nitroaniline	99-09-2	ug/L	5/20/2019	ND	
MW-14R	d	3-Nitroaniline	99-09-2	ug/L	9/11/2019	ND	
MW-29	d	3-Nitroaniline	99-09-2	ug/L	9/11/2019	ND	
MW-33R	d	3-Nitroaniline	99-09-2	ug/L	9/11/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	3-Nitroaniline	99-09-2	ug/L	9/11/2019	ND	
MW-55	d	3-Nitroaniline	99-09-2	ug/L	11/12/2020	ND	
MW-39	d	4,4`-DDD	72-54-8	ug/L	3/11/2013	ND	
MW-31R	d	4,4`-DDD	72-54-8	ug/L	9/10/2013	ND	
MW-32R	d	4,4`-DDD	72-54-8	ug/L	9/10/2013	ND	
MW-18	d	4,4`-DDD	72-54-8	ug/L	12/18/2013	ND	
MW-20	d	4,4`-DDD	72-54-8	ug/L	12/18/2013	ND	
MW-21	d	4,4`-DDD	72-54-8	ug/L	12/18/2013	ND	
MW-22R	d	4,4`-DDD	72-54-8	ug/L	12/18/2013	ND	
MW-30R	d	4,4`-DDD	72-54-8	ug/L	12/18/2013	ND	
MW-18	d	4,4`-DDD	72-54-8	ug/L	6/24/2014	ND	
MW-29	d	4,4`-DDD	72-54-8	ug/L	7/24/2014		0.0503
MW-57	d	4,4`-DDD	72-54-8	ug/L	7/24/2014	J	0.0117
MW-58	d	4,4`-DDD	72-54-8	ug/L	7/24/2014	ND	
MW-29	d	4,4`-DDD	72-54-8	ug/L	9/24/2014	J	0.0316
MW-33R	d	4,4`-DDD	72-54-8	ug/L	9/24/2014	ND	
MW-50	d	4,4`-DDD	72-54-8	ug/L	9/24/2014	ND	
MW-51	d	4,4`-DDD	72-54-8	ug/L	9/24/2014	ND	
MW-52	d	4,4`-DDD	72-54-8	ug/L	9/24/2014	ND	
MW-53	d	4,4`-DDD	72-54-8	ug/L	9/24/2014	ND	
MW-54	d	4,4`-DDD	72-54-8	ug/L	9/24/2014	ND	
MW-14R	d	4,4`-DDD	72-54-8	ug/L	12/4/2014	ND	
MW-19	d	4,4`-DDD	72-54-8	ug/L	12/4/2014	ND	
MW-28	d	4,4`-DDD	72-54-8	ug/L	12/4/2014	ND	
MW-56	d	4,4`-DDD	72-54-8	ug/L	12/4/2014	ND	
MW-55	d	4,4`-DDD	72-54-8	ug/L	3/11/2015	ND	
MW-29	d	4,4`-DDD	72-54-8	ug/L	6/29/2015	ND	
MW-29	d	4,4`-DDD	72-54-8	ug/L	8/25/2016	ND	
MW-29	d	4,4`-DDD	72-54-8	ug/L	7/10/2017	J	0.00422
MW-20	d	4,4`-DDD	72-54-8	ug/L	4/3/2018	ND	
MW-21	d	4,4`-DDD	72-54-8	ug/L	4/3/2018	ND	
MW-29	d	4,4`-DDD	72-54-8	ug/L	4/3/2018	ND	
MW-30R	d	4,4`-DDD	72-54-8	ug/L	4/3/2018	ND	
MW-31R	d	4,4`-DDD	72-54-8	ug/L	4/3/2018	ND	
MW-32R	d	4,4`-DDD	72-54-8	ug/L	4/3/2018	ND	
MW-39	d	4,4`-DDD	72-54-8	ug/L	11/1/2018	ND	
MW-22R	d	4,4`-DDD	72-54-8	ug/L	11/2/2018	ND	
MW-18	d	4,4`-DDD	72-54-8	ug/L	5/16/2019	ND	
MW-28	d	4,4`-DDD	72-54-8	ug/L	5/16/2019	ND	
MW-19	d	4,4`-DDD	72-54-8	ug/L	5/20/2019	ND	
MW-50	d	4,4`-DDD	72-54-8	ug/L	5/20/2019	ND	
MW-51	d	4,4`-DDD	72-54-8	ug/L	5/20/2019	ND	
MW-52	d	4,4`-DDD	72-54-8	ug/L	5/20/2019	ND	
MW-53	d	4,4`-DDD	72-54-8	ug/L	5/20/2019	ND	
MW-54	d	4,4`-DDD	72-54-8	ug/L	5/20/2019	ND	
MW-56	d	4,4`-DDD	72-54-8	ug/L	5/20/2019	JP	0.00197
MW-14R	d	4,4`-DDD	72-54-8	ug/L	9/11/2019	ND	
MW-29	d	4,4`-DDD	72-54-8	ug/L	9/11/2019	JP	0.00687
MW-33R	d	4,4`-DDD	72-54-8	ug/L	9/11/2019	ND	
MW-58	d	4,4`-DDD	72-54-8	ug/L	9/11/2019	JP	0.00212
MW-29	d	4,4`-DDD	72-54-8	ug/L	3/17/2020		0.0363
MW-58	d	4,4`-DDD	72-54-8	ug/L	3/17/2020	ND	
MW-55	d	4,4`-DDD	72-54-8	ug/L	11/12/2020	ND	
MW-29	d	4,4`-DDD	72-54-8	ug/L	8/25/2021		<0.0337
MW-58	d	4,4`-DDD	72-54-8	ug/L	8/25/2021		<0.0333
MW-39	d	4,4`-DDE	72-55-9	ug/L	3/11/2013	ND	
MW-31R	d	4,4`-DDE	72-55-9	ug/L	9/10/2013	ND	
MW-32R	d	4,4`-DDE	72-55-9	ug/L	9/10/2013	ND	
MW-18	d	4,4`-DDE	72-55-9	ug/L	12/18/2013	ND	
MW-20	d	4,4`-DDE	72-55-9	ug/L	12/18/2013	ND	
MW-21	d	4,4`-DDE	72-55-9	ug/L	12/18/2013	ND	
MW-22R	d	4,4`-DDE	72-55-9	ug/L	12/18/2013	ND	
MW-30R	d	4,4`-DDE	72-55-9	ug/L	12/18/2013	ND	
MW-18	d	4,4`-DDE	72-55-9	ug/L	6/24/2014	ND	
MW-29	d	4,4`-DDE	72-55-9	ug/L	7/24/2014	J	0.00965
MW-57	d	4,4`-DDE	72-55-9	ug/L	7/24/2014	ND	
MW-58	d	4,4`-DDE	72-55-9	ug/L	7/24/2014	ND	
MW-33R	d	4,4`-DDE	72-55-9	ug/L	9/24/2014	ND	
MW-50	d	4,4`-DDE	72-55-9	ug/L	9/24/2014	ND	
MW-51	d	4,4`-DDE	72-55-9	ug/L	9/24/2014	ND	
MW-52	d	4,4`-DDE	72-55-9	ug/L	9/24/2014	ND	
MW-53	d	4,4`-DDE	72-55-9	ug/L	9/24/2014	ND	
MW-54	d	4,4`-DDE	72-55-9	ug/L	9/24/2014	J	0.00472
MW-14R	d	4,4`-DDE	72-55-9	ug/L	12/4/2014	ND	
MW-19	d	4,4`-DDE	72-55-9	ug/L	12/4/2014	ND	
MW-28	d	4,4`-DDE	72-55-9	ug/L	12/4/2014	ND	
MW-56	d	4,4`-DDE	72-55-9	ug/L	12/4/2014	ND	
MW-55	d	4,4`-DDE	72-55-9	ug/L	3/11/2015	J	0.00291
MW-20	d	4,4`-DDE	72-55-9	ug/L	4/3/2018	ND	
MW-21	d	4,4`-DDE	72-55-9	ug/L	4/3/2018	ND	
MW-30R	d	4,4`-DDE	72-55-9	ug/L	4/3/2018	ND	
MW-31R	d	4,4`-DDE	72-55-9	ug/L	4/3/2018	ND	
MW-32R	d	4,4`-DDE	72-55-9	ug/L	4/3/2018	ND	
MW-39	d	4,4`-DDE	72-55-9	ug/L	11/1/2018	ND	
MW-22R	d	4,4`-DDE	72-55-9	ug/L	11/2/2018	ND	
MW-18	d	4,4`-DDE	72-55-9	ug/L	5/16/2019	JP	0.00261
MW-28	d	4,4`-DDE	72-55-9	ug/L	5/16/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	4,4`-DDE	72-55-9	ug/L	5/20/2019	ND	
MW-50	d	4,4`-DDE	72-55-9	ug/L	5/20/2019	ND	
MW-51	d	4,4`-DDE	72-55-9	ug/L	5/20/2019	ND	
MW-52	d	4,4`-DDE	72-55-9	ug/L	5/20/2019	ND	
MW-53	d	4,4`-DDE	72-55-9	ug/L	5/20/2019	ND	
MW-54	d	4,4`-DDE	72-55-9	ug/L	5/20/2019	ND	
MW-56	d	4,4`-DDE	72-55-9	ug/L	5/20/2019	ND	
MW-14R	d	4,4`-DDE	72-55-9	ug/L	9/11/2019	ND	
MW-29	d	4,4`-DDE	72-55-9	ug/L	9/11/2019	J	0.0059
MW-33R	d	4,4`-DDE	72-55-9	ug/L	9/11/2019	ND	
MW-58	d	4,4`-DDE	72-55-9	ug/L	9/11/2019	ND	
MW-29	d	4,4`-DDE	72-55-9	ug/L	3/17/2020	ND	
MW-18	d	4,4`-DDE	72-55-9	ug/L	7/21/2020	ND	
MW-55	d	4,4`-DDE	72-55-9	ug/L	11/12/2020	ND	
MW-29	d	4,4`-DDE	72-55-9	ug/L	8/25/2021		<0.0337
MW-39	d	4,4`-DDT	50-29-3	ug/L	3/11/2013	ND	
MW-31R	d	4,4`-DDT	50-29-3	ug/L	9/10/2013	ND	
MW-32R	d	4,4`-DDT	50-29-3	ug/L	9/10/2013	ND	
MW-18	d	4,4`-DDT	50-29-3	ug/L	12/18/2013	ND	
MW-20	d	4,4`-DDT	50-29-3	ug/L	12/18/2013	ND	
MW-21	d	4,4`-DDT	50-29-3	ug/L	12/18/2013	ND	
MW-22R	d	4,4`-DDT	50-29-3	ug/L	12/18/2013	ND	
MW-30R	d	4,4`-DDT	50-29-3	ug/L	12/18/2013	ND	
MW-18	d	4,4`-DDT	50-29-3	ug/L	6/24/2014	ND	
MW-29	d	4,4`-DDT	50-29-3	ug/L	7/24/2014	J	0.0139
MW-57	d	4,4`-DDT	50-29-3	ug/L	7/24/2014	ND	
MW-58	d	4,4`-DDT	50-29-3	ug/L	7/24/2014	ND	
MW-33R	d	4,4`-DDT	50-29-3	ug/L	9/24/2014	ND	
MW-50	d	4,4`-DDT	50-29-3	ug/L	9/24/2014	ND	
MW-51	d	4,4`-DDT	50-29-3	ug/L	9/24/2014	ND	
MW-52	d	4,4`-DDT	50-29-3	ug/L	9/24/2014	ND	
MW-53	d	4,4`-DDT	50-29-3	ug/L	9/24/2014	ND	
MW-54	d	4,4`-DDT	50-29-3	ug/L	9/24/2014	ND	
MW-14R	d	4,4`-DDT	50-29-3	ug/L	12/4/2014	ND	
MW-19	d	4,4`-DDT	50-29-3	ug/L	12/4/2014	ND	
MW-28	d	4,4`-DDT	50-29-3	ug/L	12/4/2014	ND	
MW-56	d	4,4`-DDT	50-29-3	ug/L	12/4/2014	ND	
MW-55	d	4,4`-DDT	50-29-3	ug/L	3/11/2015	ND	
MW-20	d	4,4`-DDT	50-29-3	ug/L	4/3/2018	ND	
MW-21	d	4,4`-DDT	50-29-3	ug/L	4/3/2018	ND	
MW-30R	d	4,4`-DDT	50-29-3	ug/L	4/3/2018	ND	
MW-31R	d	4,4`-DDT	50-29-3	ug/L	4/3/2018	ND	
MW-32R	d	4,4`-DDT	50-29-3	ug/L	4/3/2018	ND	
MW-39	d	4,4`-DDT	50-29-3	ug/L	11/1/2018	ND	
MW-22R	d	4,4`-DDT	50-29-3	ug/L	11/2/2018	ND	
MW-18	d	4,4`-DDT	50-29-3	ug/L	5/16/2019	ND	
MW-28	d	4,4`-DDT	50-29-3	ug/L	5/16/2019	ND	
MW-19	d	4,4`-DDT	50-29-3	ug/L	5/20/2019	ND	
MW-50	d	4,4`-DDT	50-29-3	ug/L	5/20/2019	ND	
MW-51	d	4,4`-DDT	50-29-3	ug/L	5/20/2019	ND	
MW-52	d	4,4`-DDT	50-29-3	ug/L	5/20/2019	ND	
MW-53	d	4,4`-DDT	50-29-3	ug/L	5/20/2019	ND	
MW-54	d	4,4`-DDT	50-29-3	ug/L	5/20/2019	ND	
MW-56	d	4,4`-DDT	50-29-3	ug/L	5/20/2019	ND	
MW-14R	d	4,4`-DDT	50-29-3	ug/L	9/11/2019	ND	
MW-29	d	4,4`-DDT	50-29-3	ug/L	9/11/2019	ND	
MW-33R	d	4,4`-DDT	50-29-3	ug/L	9/11/2019	ND	
MW-58	d	4,4`-DDT	50-29-3	ug/L	9/11/2019	ND	
MW-55	d	4,4`-DDT	50-29-3	ug/L	11/12/2020	JP	0.0057
MW-39	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	3/11/2013	ND	
MW-31R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/10/2013	ND	
MW-32R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/10/2013	ND	
MW-18	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	12/18/2013	ND	
MW-20	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	12/18/2013	ND	
MW-21	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	12/18/2013	ND	
MW-22R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	12/18/2013	ND	
MW-30R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	12/18/2013	ND	
MW-18	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	6/24/2014	ND	
MW-29	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	7/24/2014	ND	
MW-57	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	7/24/2014	ND	
MW-58	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	7/24/2014	ND	
MW-33R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/24/2014	ND	
MW-50	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/24/2014	ND	
MW-51	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/24/2014	ND	
MW-52	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/24/2014	ND	
MW-53	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/24/2014	ND	
MW-54	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/24/2014	ND	
MW-14R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	12/4/2014	ND	
MW-19	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	12/4/2014	ND	
MW-28	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	12/4/2014	ND	
MW-56	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	12/4/2014	ND	
MW-55	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	3/11/2015	ND	
MW-20	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/3/2018	ND	
MW-21	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/3/2018	ND	
MW-30R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/3/2018	ND	
MW-31R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/3/2018	ND	
MW-32R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/3/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	11/1/2018	ND	
MW-22R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	11/2/2018	ND	
MW-18	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/16/2019	ND	
MW-19	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/16/2019	ND	
MW-28	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/16/2019	ND	
MW-50	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/20/2019	ND	
MW-51	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/20/2019	ND	
MW-52	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/20/2019	ND	
MW-53	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/20/2019	ND	
MW-54	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/20/2019	ND	
MW-56	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/20/2019	ND	
MW-14R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/11/2019	ND	
MW-29	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/11/2019	ND	
MW-33R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/11/2019	ND	
MW-58	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/11/2019	ND	
MW-55	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	11/12/2020	ND	
MW-39	d	4-Aminobiphenyl	92-67-1	ug/L	3/11/2013	ND	
MW-31R	d	4-Aminobiphenyl	92-67-1	ug/L	9/10/2013	ND	
MW-32R	d	4-Aminobiphenyl	92-67-1	ug/L	9/10/2013	ND	
MW-18	d	4-Aminobiphenyl	92-67-1	ug/L	12/18/2013	ND	
MW-20	d	4-Aminobiphenyl	92-67-1	ug/L	12/18/2013	ND	
MW-21	d	4-Aminobiphenyl	92-67-1	ug/L	12/18/2013	ND	
MW-22R	d	4-Aminobiphenyl	92-67-1	ug/L	12/18/2013	ND	
MW-30R	d	4-Aminobiphenyl	92-67-1	ug/L	12/18/2013	ND	
MW-18	d	4-Aminobiphenyl	92-67-1	ug/L	6/24/2014	ND	
MW-29	d	4-Aminobiphenyl	92-67-1	ug/L	7/24/2014	ND	
MW-57	d	4-Aminobiphenyl	92-67-1	ug/L	7/24/2014	ND	
MW-58	d	4-Aminobiphenyl	92-67-1	ug/L	7/24/2014	ND	
MW-33R	d	4-Aminobiphenyl	92-67-1	ug/L	9/24/2014	ND	
MW-50	d	4-Aminobiphenyl	92-67-1	ug/L	9/24/2014	ND	
MW-51	d	4-Aminobiphenyl	92-67-1	ug/L	9/24/2014	ND	
MW-52	d	4-Aminobiphenyl	92-67-1	ug/L	9/24/2014	ND	
MW-53	d	4-Aminobiphenyl	92-67-1	ug/L	9/24/2014	ND	
MW-54	d	4-Aminobiphenyl	92-67-1	ug/L	9/24/2014	ND	
MW-14R	d	4-Aminobiphenyl	92-67-1	ug/L	12/4/2014	ND	
MW-19	d	4-Aminobiphenyl	92-67-1	ug/L	12/4/2014	ND	
MW-28	d	4-Aminobiphenyl	92-67-1	ug/L	12/4/2014	ND	
MW-56	d	4-Aminobiphenyl	92-67-1	ug/L	12/4/2014	ND	
MW-55	d	4-Aminobiphenyl	92-67-1	ug/L	3/11/2015	ND	
MW-20	d	4-Aminobiphenyl	92-67-1	ug/L	4/3/2018	ND	
MW-21	d	4-Aminobiphenyl	92-67-1	ug/L	4/3/2018	ND	
MW-30R	d	4-Aminobiphenyl	92-67-1	ug/L	4/3/2018	ND	
MW-31R	d	4-Aminobiphenyl	92-67-1	ug/L	4/3/2018	ND	
MW-32R	d	4-Aminobiphenyl	92-67-1	ug/L	4/3/2018	ND	
MW-39	d	4-Aminobiphenyl	92-67-1	ug/L	11/1/2018	ND	
MW-22R	d	4-Aminobiphenyl	92-67-1	ug/L	11/2/2018	ND	
MW-18	d	4-Aminobiphenyl	92-67-1	ug/L	5/16/2019	ND	
MW-19	d	4-Aminobiphenyl	92-67-1	ug/L	5/16/2019	ND	
MW-28	d	4-Aminobiphenyl	92-67-1	ug/L	5/16/2019	ND	
MW-50	d	4-Aminobiphenyl	92-67-1	ug/L	5/20/2019	ND	
MW-51	d	4-Aminobiphenyl	92-67-1	ug/L	5/20/2019	ND	
MW-52	d	4-Aminobiphenyl	92-67-1	ug/L	5/20/2019	ND	
MW-53	d	4-Aminobiphenyl	92-67-1	ug/L	5/20/2019	ND	
MW-54	d	4-Aminobiphenyl	92-67-1	ug/L	5/20/2019	ND	
MW-56	d	4-Aminobiphenyl	92-67-1	ug/L	5/20/2019	ND	
MW-14R	d	4-Aminobiphenyl	92-67-1	ug/L	9/11/2019	ND	
MW-29	d	4-Aminobiphenyl	92-67-1	ug/L	9/11/2019	ND	
MW-33R	d	4-Aminobiphenyl	92-67-1	ug/L	9/11/2019	ND	
MW-58	d	4-Aminobiphenyl	92-67-1	ug/L	9/11/2019	ND	
MW-55	d	4-Aminobiphenyl	92-67-1	ug/L	11/12/2020	ND	
MW-39	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	3/11/2013	ND	
MW-31R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/10/2013	ND	
MW-32R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/10/2013	ND	
MW-18	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	12/18/2013	ND	
MW-20	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	12/18/2013	ND	
MW-21	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	12/18/2013	ND	
MW-22R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	12/18/2013	ND	
MW-30R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	12/18/2013	ND	
MW-18	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	6/24/2014	ND	
MW-29	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	7/24/2014	ND	
MW-57	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	7/24/2014	ND	
MW-58	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	7/24/2014	ND	
MW-33R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/24/2014	ND	
MW-50	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/24/2014	ND	
MW-51	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/24/2014	ND	
MW-52	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/24/2014	ND	
MW-53	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/24/2014	ND	
MW-54	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/24/2014	ND	
MW-14R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	12/4/2014	ND	
MW-19	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	12/4/2014	ND	
MW-28	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	12/4/2014	ND	
MW-56	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	12/4/2014	ND	
MW-55	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	3/11/2015	ND	
MW-20	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	4/3/2018	ND	
MW-21	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	4/3/2018	ND	
MW-30R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	4/3/2018	ND	
MW-31R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	4/3/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-32R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	4/3/2018	ND	
MW-39	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	11/1/2018	ND	
MW-22R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	11/2/2018	ND	
MW-18	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	5/16/2019	ND	
MW-19	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	5/16/2019	ND	
MW-28	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	5/16/2019	ND	
MW-50	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	5/20/2019	ND	
MW-51	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	5/20/2019	ND	
MW-52	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	5/20/2019	ND	
MW-53	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	5/20/2019	ND	
MW-54	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	5/20/2019	ND	
MW-56	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	5/20/2019	ND	
MW-14R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/11/2019	ND	
MW-29	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/11/2019	ND	
MW-33R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/11/2019	ND	
MW-58	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/11/2019	ND	
MW-55	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	11/12/2020	ND	
MW-39	d	4-Chloro-3-methylphenol	59-50-7	ug/L	3/11/2013	ND	
MW-31R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/10/2013	ND	
MW-32R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/10/2013	ND	
MW-18	d	4-Chloro-3-methylphenol	59-50-7	ug/L	12/18/2013	ND	
MW-20	d	4-Chloro-3-methylphenol	59-50-7	ug/L	12/18/2013	ND	
MW-21	d	4-Chloro-3-methylphenol	59-50-7	ug/L	12/18/2013	ND	
MW-22R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	12/18/2013	ND	
MW-30R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	12/18/2013	ND	
MW-18	d	4-Chloro-3-methylphenol	59-50-7	ug/L	6/24/2014	ND	
MW-29	d	4-Chloro-3-methylphenol	59-50-7	ug/L	7/24/2014	ND	
MW-57	d	4-Chloro-3-methylphenol	59-50-7	ug/L	7/24/2014	ND	
MW-58	d	4-Chloro-3-methylphenol	59-50-7	ug/L	7/24/2014	ND	
MW-33R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/24/2014	ND	
MW-50	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/24/2014	ND	
MW-51	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/24/2014	ND	
MW-52	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/24/2014	ND	
MW-53	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/24/2014	ND	
MW-54	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/24/2014	ND	
MW-14R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	12/4/2014	ND	
MW-19	d	4-Chloro-3-methylphenol	59-50-7	ug/L	12/4/2014	ND	
MW-28	d	4-Chloro-3-methylphenol	59-50-7	ug/L	12/4/2014	ND	
MW-56	d	4-Chloro-3-methylphenol	59-50-7	ug/L	12/4/2014	ND	
MW-55	d	4-Chloro-3-methylphenol	59-50-7	ug/L	3/11/2015	ND	
MW-20	d	4-Chloro-3-methylphenol	59-50-7	ug/L	4/3/2018	ND	
MW-21	d	4-Chloro-3-methylphenol	59-50-7	ug/L	4/3/2018	ND	
MW-30R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	4/3/2018	ND	
MW-31R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	4/3/2018	ND	
MW-32R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	4/3/2018	ND	
MW-39	d	4-Chloro-3-methylphenol	59-50-7	ug/L	11/1/2018	ND	
MW-22R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	11/2/2018	ND	
MW-18	d	4-Chloro-3-methylphenol	59-50-7	ug/L	5/16/2019	ND	
MW-19	d	4-Chloro-3-methylphenol	59-50-7	ug/L	5/16/2019	ND	
MW-28	d	4-Chloro-3-methylphenol	59-50-7	ug/L	5/16/2019	ND	
MW-50	d	4-Chloro-3-methylphenol	59-50-7	ug/L	5/20/2019	ND	
MW-51	d	4-Chloro-3-methylphenol	59-50-7	ug/L	5/20/2019	ND	
MW-52	d	4-Chloro-3-methylphenol	59-50-7	ug/L	5/20/2019	ND	
MW-53	d	4-Chloro-3-methylphenol	59-50-7	ug/L	5/20/2019	ND	
MW-54	d	4-Chloro-3-methylphenol	59-50-7	ug/L	5/20/2019	ND	
MW-56	d	4-Chloro-3-methylphenol	59-50-7	ug/L	5/20/2019	ND	
MW-14R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/11/2019	ND	
MW-29	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/11/2019	ND	
MW-33R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/11/2019	ND	
MW-58	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/11/2019	ND	
MW-55	d	4-Chloro-3-methylphenol	59-50-7	ug/L	11/12/2020	ND	
MW-39	d	4-Chloroaniline	106-47-8	ug/L	3/11/2013	ND	
MW-31R	d	4-Chloroaniline	106-47-8	ug/L	9/10/2013	ND	
MW-32R	d	4-Chloroaniline	106-47-8	ug/L	9/10/2013	ND	
MW-18	d	4-Chloroaniline	106-47-8	ug/L	12/18/2013	ND	
MW-20	d	4-Chloroaniline	106-47-8	ug/L	12/18/2013	ND	
MW-21	d	4-Chloroaniline	106-47-8	ug/L	12/18/2013	ND	
MW-22R	d	4-Chloroaniline	106-47-8	ug/L	12/18/2013	ND	
MW-30R	d	4-Chloroaniline	106-47-8	ug/L	12/18/2013	ND	
MW-18	d	4-Chloroaniline	106-47-8	ug/L	6/24/2014	ND	
MW-29	d	4-Chloroaniline	106-47-8	ug/L	7/24/2014	ND	
MW-57	d	4-Chloroaniline	106-47-8	ug/L	7/24/2014	ND	
MW-58	d	4-Chloroaniline	106-47-8	ug/L	7/24/2014	ND	
MW-33R	d	4-Chloroaniline	106-47-8	ug/L	9/24/2014	ND	
MW-50	d	4-Chloroaniline	106-47-8	ug/L	9/24/2014	ND	
MW-51	d	4-Chloroaniline	106-47-8	ug/L	9/24/2014	ND	
MW-52	d	4-Chloroaniline	106-47-8	ug/L	9/24/2014	ND	
MW-53	d	4-Chloroaniline	106-47-8	ug/L	9/24/2014	ND	
MW-54	d	4-Chloroaniline	106-47-8	ug/L	9/24/2014	ND	
MW-14R	d	4-Chloroaniline	106-47-8	ug/L	12/4/2014	ND	
MW-19	d	4-Chloroaniline	106-47-8	ug/L	12/4/2014	ND	
MW-28	d	4-Chloroaniline	106-47-8	ug/L	12/4/2014	ND	
MW-56	d	4-Chloroaniline	106-47-8	ug/L	12/4/2014	ND	
MW-55	d	4-Chloroaniline	106-47-8	ug/L	3/11/2015	ND	
MW-20	d	4-Chloroaniline	106-47-8	ug/L	4/3/2018	ND	
MW-21	d	4-Chloroaniline	106-47-8	ug/L	4/3/2018	ND	
MW-30R	d	4-Chloroaniline	106-47-8	ug/L	4/3/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	4-Chloroaniline	106-47-8	ug/L	4/3/2018	ND	
MW-32R	d	4-Chloroaniline	106-47-8	ug/L	4/3/2018	ND	
MW-39	d	4-Chloroaniline	106-47-8	ug/L	11/1/2018	ND	
MW-22R	d	4-Chloroaniline	106-47-8	ug/L	11/2/2018	ND	
MW-18	d	4-Chloroaniline	106-47-8	ug/L	5/16/2019	ND	
MW-19	d	4-Chloroaniline	106-47-8	ug/L	5/16/2019	ND	
MW-28	d	4-Chloroaniline	106-47-8	ug/L	5/16/2019	ND	
MW-50	d	4-Chloroaniline	106-47-8	ug/L	5/20/2019	ND	
MW-51	d	4-Chloroaniline	106-47-8	ug/L	5/20/2019	ND	
MW-52	d	4-Chloroaniline	106-47-8	ug/L	5/20/2019	ND	
MW-53	d	4-Chloroaniline	106-47-8	ug/L	5/20/2019	ND	
MW-54	d	4-Chloroaniline	106-47-8	ug/L	5/20/2019	ND	
MW-56	d	4-Chloroaniline	106-47-8	ug/L	5/20/2019	ND	
MW-14R	d	4-Chloroaniline	106-47-8	ug/L	9/11/2019	ND	
MW-29	d	4-Chloroaniline	106-47-8	ug/L	9/11/2019	ND	
MW-33R	d	4-Chloroaniline	106-47-8	ug/L	9/11/2019	ND	
MW-58	d	4-Chloroaniline	106-47-8	ug/L	9/11/2019	ND	
MW-55	d	4-Chloroaniline	106-47-8	ug/L	11/12/2020	ND	
MW-39	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	3/11/2013	ND	
MW-31R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/10/2013	ND	
MW-32R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/10/2013	ND	
MW-18	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	12/18/2013	ND	
MW-20	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	12/18/2013	ND	
MW-21	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	12/18/2013	ND	
MW-22R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	12/18/2013	ND	
MW-30R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	12/18/2013	ND	
MW-18	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	6/24/2014	ND	
MW-29	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	7/24/2014	ND	
MW-57	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	7/24/2014	ND	
MW-58	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	7/24/2014	ND	
MW-33R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/24/2014	ND	
MW-50	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/24/2014	ND	
MW-51	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/24/2014	ND	
MW-52	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/24/2014	ND	
MW-53	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/24/2014	ND	
MW-54	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/24/2014	ND	
MW-14R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	12/4/2014	ND	
MW-19	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	12/4/2014	ND	
MW-28	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	12/4/2014	ND	
MW-56	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	12/4/2014	ND	
MW-55	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	3/11/2015	ND	
MW-20	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/3/2018	ND	
MW-21	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/3/2018	ND	
MW-30R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/3/2018	ND	
MW-31R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/3/2018	ND	
MW-32R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/3/2018	ND	
MW-39	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	11/1/2018	ND	
MW-22R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	11/2/2018	ND	
MW-18	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/16/2019	ND	
MW-19	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/16/2019	ND	
MW-28	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/16/2019	ND	
MW-50	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/20/2019	ND	
MW-51	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/20/2019	ND	
MW-52	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/20/2019	ND	
MW-53	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/20/2019	ND	
MW-54	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/20/2019	ND	
MW-56	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/20/2019	ND	
MW-14R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/11/2019	ND	
MW-29	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/11/2019	ND	
MW-33R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/11/2019	ND	
MW-58	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/11/2019	ND	
MW-55	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	11/12/2020	ND	
MW-51	d	4-Methyl-2-Pentanone	108-10-1	ug/L	1/15/2010	ND	
MW-24R	u	4-Methyl-2-Pentanone	108-10-1	ug/L	2/11/2010	ND	
MW-53	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/11/2010	ND	
GU-3A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/24/2010	ND	
MW-20	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/24/2010	ND	
MW-21	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/24/2010	ND	
MW-22R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/24/2010	ND	
MW-52	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/24/2010	ND	
MW-54	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/24/2010	ND	
MW-55	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/24/2010	ND	
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/9/2010	ND	
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/9/2010	ND	
MW-50	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/9/2010	ND	
MW-56	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/9/2010	ND	
MW-57	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/9/2010	ND	
MW-58	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/9/2010	ND	
MW-32R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/18/2010	ND	
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/17/2010	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/17/2010	ND	
MW-29	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/17/2010	ND	
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/17/2010	ND	
MW-31R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/17/2010	ND	
MW-51	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/17/2010	ND	
MW-21	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/21/2010	ND	
MW-54	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/21/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-20	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/17/2010	ND	
MW-29	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/17/2010	ND	
MW-39	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/17/2010	ND	
MW-51	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/17/2010	ND	
GU-3A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/17/2010	ND	
MW-22R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/17/2010	ND	
MW-55	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/17/2010	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/22/2010	ND	
MW-24R	u	4-Methyl-2-Pentanone	108-10-1	ug/L	10/22/2010	ND	
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/22/2010	ND	
MW-31R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/22/2010	ND	
MW-50	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/22/2010	ND	
MW-53	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/22/2010	ND	
MW-56	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/22/2010	ND	
MW-58	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/22/2010	ND	
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/8/2010	ND	
MW-32R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/8/2010	ND	
MW-57	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/8/2010	ND	
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/15/2010	ND	
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/15/2010	ND	
MW-52	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/15/2010	ND	
MW-54	d	4-Methyl-2-Pentanone	108-10-1	ug/L	1/12/2011	ND	
MW-54	d	4-Methyl-2-Pentanone	108-10-1	ug/L	1/12/2011	ND	
MW-20	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/22/2011	ND	
MW-22R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/22/2011	ND	
MW-51	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/22/2011	ND	
MW-52	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/22/2011	ND	
MW-53	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/22/2011	ND	
MW-55	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/22/2011	ND	
GU-3A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/2/2011	ND	
MW-21	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/2/2011	ND	
MW-21	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/2/2011	ND	
MW-29	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/21/2011	ND	
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/21/2011	ND	
MW-31R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/21/2011	ND	
MW-31R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/21/2011	ND	
MW-32R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/21/2011	ND	
MW-54	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/31/2011	ND	
MW-56	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/31/2011	ND	
MW-57	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/31/2011	ND	
MW-58	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/31/2011	ND	
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/7/2011	ND	
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/7/2011	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/7/2011	ND	
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/7/2011	ND	
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/7/2011	ND	
MW-39	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/7/2011	ND	
MW-50	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/7/2011	ND	
MW-52	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/22/2011	ND	
MW-56	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/22/2011	ND	
MW-58	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/22/2011	ND	
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/29/2011	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/29/2011	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/29/2011	ND	
MW-32R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/29/2011	ND	
GU-3A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/9/2011	ND	
MW-22R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/9/2011	ND	
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/9/2011	ND	
MW-29	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/9/2011	ND	
MW-51	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/9/2011	ND	
MW-53	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/9/2011	ND	
MW-53	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/9/2011	ND	
MW-21	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/4/2011	ND	
MW-50	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/4/2011	ND	
MW-50	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/4/2011	ND	
MW-54	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/4/2011	ND	
MW-57	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/4/2011	ND	
MW-20	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/29/2011	ND	
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/29/2011	ND	
MW-52	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/29/2011	ND	
MW-55	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/29/2011	ND	
MW-31R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/16/2011	ND	
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/16/2011	ND	
MW-39	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/16/2011	ND	
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/8/2012	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/8/2012	ND	
MW-20	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/8/2012	ND	
MW-21	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/8/2012	ND	
MW-22R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/8/2012	ND	
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/8/2012	ND	
MW-39	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/8/2012	ND	
MW-55	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/8/2012	ND	
MW-56	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/8/2012	ND	
MW-57	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/8/2012	ND	
MW-58	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/8/2012	ND	
GU-3A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/13/2012	ND	
MW-29	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/13/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/13/2012	ND	
MW-31R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/13/2012	ND	
MW-32R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/13/2012	ND	
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/13/2012	ND	
MW-50	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/13/2012	ND	
MW-50	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/13/2012	ND	
MW-51	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/13/2012	ND	
MW-52	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/13/2012	ND	
MW-53	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/13/2012	ND	
MW-54	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/13/2012	ND	
GU-3A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/4/2012	ND	
MW-20	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/4/2012	ND	
MW-21	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/4/2012	ND	
MW-22R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/4/2012	ND	
MW-50	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/4/2012	ND	
MW-51	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/4/2012	ND	
MW-52	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/4/2012	ND	
MW-53	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/4/2012	ND	
MW-54	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/4/2012	ND	
MW-54	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/4/2012	ND	
MW-57	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/4/2012	ND	
MW-58	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/4/2012	ND	
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/19/2012	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/19/2012	ND	
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/19/2012	ND	
MW-29	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/19/2012	ND	
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/19/2012	ND	
MW-31R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/19/2012	ND	
MW-32R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/19/2012	ND	
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/19/2012	ND	
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/19/2012	ND	
MW-39	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/19/2012	ND	
MW-55	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/19/2012	ND	
MW-56	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/19/2012	ND	
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/11/2013	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/11/2013	ND	
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/11/2013	ND	
MW-39	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/11/2013	ND	
MW-50	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/11/2013	ND	
MW-50	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/11/2013	ND	
MW-51	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/11/2013	ND	
MW-52	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/11/2013	ND	
MW-53	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/11/2013	ND	
MW-54	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/11/2013	ND	
MW-55	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/11/2013	ND	
MW-56	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/11/2013	ND	
MW-20	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/10/2013	ND	
MW-20	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/10/2013	ND	
MW-21	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/10/2013	ND	
MW-22R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/10/2013	ND	
MW-29	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/10/2013	ND	
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/10/2013	ND	
MW-31R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/10/2013	ND	
MW-32R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/10/2013	ND	
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/10/2013	ND	
MW-57	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/10/2013	ND	
MW-58	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/10/2013	ND	
GU-3A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/10/2013	ND	
MW-31R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/10/2013	ND	
MW-31R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/10/2013	ND	
MW-32R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/10/2013	ND	
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/10/2013	ND	
MW-50	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/10/2013	ND	
MW-51	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/10/2013	ND	
MW-52	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/10/2013	ND	
MW-53	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/10/2013	ND	
MW-54	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/10/2013	ND	
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/18/2013	ND	
MW-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/18/2013	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/18/2013	ND	
MW-20	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/18/2013	ND	
MW-21	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/18/2013	ND	
MW-22R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/18/2013	ND	
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/18/2013	ND	
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/18/2013	ND	
MW-39	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/18/2013	ND	
MW-39	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/18/2013	ND	
MW-55	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/18/2013	ND	
MW-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/20/2014	ND	
MW-20	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/20/2014	ND	
MW-21	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/20/2014	ND	
MW-21	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/20/2014	ND	
MW-22R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/20/2014	ND	
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/20/2014	ND	
MW-31R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/20/2014	ND	
MW-32R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/20/2014	ND	
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/20/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/24/2014	ND	
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/24/2014	ND	
MW-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/24/2014	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/24/2014	ND	
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/24/2014	ND	
MW-39	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/24/2014	ND	
MW-50	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/24/2014	ND	
MW-51	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/24/2014	ND	
MW-52	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/24/2014	ND	
MW-53	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/24/2014	ND	
MW-54	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/24/2014	ND	
MW-55	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/24/2014	ND	
MW-58	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/24/2014	ND	
MW-29	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/24/2014	ND	
MW-56	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/24/2014	ND	
MW-57	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/24/2014	ND	
GU-3A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/24/2014	ND	
MW-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/24/2014	ND	
MW-29	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/24/2014	ND	
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/24/2014	ND	
MW-31R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/24/2014	ND	
MW-31R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/24/2014	ND	
MW-32R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/24/2014	ND	
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/24/2014	ND	
MW-50	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/24/2014	ND	
MW-51	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/24/2014	ND	
MW-52	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/24/2014	ND	
MW-53	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/24/2014	ND	
MW-54	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/24/2014	ND	
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/4/2014	ND	
MW-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/4/2014	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/4/2014	ND	
MW-20	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/4/2014	ND	
MW-21	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/4/2014	ND	
MW-22R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/4/2014	ND	
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/4/2014	ND	
MW-39	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/4/2014	ND	
MW-56	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/4/2014	ND	
MW-57	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/4/2014	ND	
MW-57	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/4/2014	ND	
MW-58	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/4/2014	ND	
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/11/2015	ND	
MW-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/11/2015	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/11/2015	ND	
MW-20	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/11/2015	ND	
MW-21	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/11/2015	ND	
MW-22R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/11/2015	ND	
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/11/2015	ND	
MW-39	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/11/2015	ND	
MW-55	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/11/2015	ND	
MW-56	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/11/2015	ND	
MW-57	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/11/2015	ND	
MW-58	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/11/2015	ND	
MW-58	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/11/2015	ND	
MW-29	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/29/2015	ND	
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/29/2015	ND	
MW-31R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/29/2015	ND	
MW-31R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/29/2015	ND	
MW-32R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/29/2015	ND	
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/29/2015	ND	
MW-50	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/29/2015	ND	
MW-51	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/29/2015	ND	
MW-52	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/29/2015	ND	
MW-53	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/29/2015	ND	
MW-54	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/29/2015	ND	
GU-3A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/22/2015	ND	
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/15/2016	ND	
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/15/2016	ND	
MW-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/15/2016	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/15/2016	ND	
MW-39	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/15/2016	ND	
MW-20	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/16/2016	ND	
MW-21	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/16/2016	ND	
MW-55	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/16/2016	ND	
MW-56	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/16/2016	ND	
MW-57	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/16/2016	ND	
MW-58	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/16/2016	ND	
MW-22R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/17/2016	ND	
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/25/2016	ND	
MW-29	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/25/2016	ND	
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/25/2016	ND	
MW-31R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/25/2016	ND	
MW-32R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/25/2016	ND	
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/25/2016	ND	
MW-50	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/25/2016	ND	
MW-51	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/25/2016	ND	
MW-52	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/25/2016	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-53	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/25/2016	ND	
MW-54	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/25/2016	ND	
GU-3A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/26/2016	ND	
MW-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	1/17/2017	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	1/17/2017	ND	
MW-22R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	1/17/2017	ND	
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	1/17/2017	ND	
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	1/17/2017	ND	
MW-39	d	4-Methyl-2-Pentanone	108-10-1	ug/L	1/17/2017	ND	
MW-50	d	4-Methyl-2-Pentanone	108-10-1	ug/L	1/17/2017	ND	
MW-51	d	4-Methyl-2-Pentanone	108-10-1	ug/L	1/17/2017	ND	
MW-53	d	4-Methyl-2-Pentanone	108-10-1	ug/L	1/17/2017	ND	
MW-54	d	4-Methyl-2-Pentanone	108-10-1	ug/L	1/17/2017	ND	
MW-56	d	4-Methyl-2-Pentanone	108-10-1	ug/L	1/17/2017	ND	
GU-3A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/10/2017	ND	
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/10/2017	ND	
MW-20	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/10/2017	ND	
MW-21	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/10/2017	ND	
MW-29	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/10/2017	ND	
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/10/2017	ND	
MW-31R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/10/2017	ND	
MW-32R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/10/2017	ND	
MW-32R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/10/2017	ND	
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/10/2017	ND	
MW-57	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/10/2017	ND	
MW-58	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/10/2017	ND	
MW-52	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/17/2017	ND	
MW-55	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/17/2017	ND	
GU-3A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/3/2018	ND	
GU-3A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/3/2018	ND	
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/3/2018	ND	
MW-20	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/3/2018	ND	
MW-21	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/3/2018	ND	
MW-29	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/3/2018	ND	
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/3/2018	ND	
MW-31R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/3/2018	ND	
MW-32R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/3/2018	ND	
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/3/2018	ND	
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/3/2018	ND	
MW-57	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/3/2018	ND	
MW-58	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/3/2018	ND	
MW-39	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/1/2018	ND	
MW-50	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/1/2018	ND	
MW-51	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/1/2018	ND	
MW-52	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/1/2018	ND	
MW-53	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/1/2018	ND	
MW-54	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/1/2018	ND	
MW-55	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/1/2018	ND	
MW-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/2/2018	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/2/2018	ND	
MW-22R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/2/2018	ND	
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/2/2018	ND	
MW-56	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/2/2018	NDH	
MW-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/16/2019	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/16/2019	ND	
MW-23	u	4-Methyl-2-Pentanone	108-10-1	ug/L	5/16/2019	ND	
MW-24R	u	4-Methyl-2-Pentanone	108-10-1	ug/L	5/16/2019	ND	
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/16/2019	ND	
MW-55	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/16/2019	ND	
MW-50	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/20/2019	ND	
MW-51	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/20/2019	ND	
MW-52	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/20/2019	ND	
MW-54	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/20/2019	ND	
MW-56	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/20/2019	ND	
MW-53	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/21/2019	ND	
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/11/2019	ND	
MW-29	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/11/2019	ND	
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/11/2019	ND	
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/11/2019	ND	
MW-58	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/11/2019	ND	
GU-3A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/16/2020	ND	
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/16/2020	ND	
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/17/2020	ND	
MW-29	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/17/2020	ND	
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/17/2020	ND	
MW-58	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/17/2020	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/20/2020	ND	
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/20/2020	ND	
MW-51	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/20/2020	ND	
MW-55	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/20/2020	ND	
MW-56	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/20/2020	ND	
MW-57R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/20/2020	ND	
MW-73	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/20/2020	ND	
MW-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/21/2020	ND	
MW-50	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/21/2020	ND	
MW-52	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/21/2020	ND	
MW-53	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/21/2020	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-54	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/21/2020	ND	
MW-23	u	4-Methyl-2-Pentanone	108-10-1	ug/L	7/22/2020	ND	
MW-24R	u	4-Methyl-2-Pentanone	108-10-1	ug/L	7/22/2020	ND	
MW-55	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/12/2020	ND	
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/24/2021		<10.0
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/24/2021		<10.0
MW-29	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/25/2021		<10.0
MW-58	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/25/2021		<10.0
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/25/2021		<10.0
MW-68	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/25/2021		<10.0
MW-69	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/25/2021		<10.0
MW-70	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/26/2021		<10.0
MW-57R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/26/2021		<10.0
PZ-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/27/2021		<10.0
MW-73	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/27/2021		<10.0
GU-3A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/8/2021		<10.0
MW-24R	u	4-Methyl-2-Pentanone	108-10-1	ug/L	12/7/2021		<10.0
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/7/2021		<10.0
MW-57R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/7/2021		<10.0
MW-73	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/7/2021		<10.0
MW-56	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/7/2021		<10.0
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/7/2021		<10.0
MW-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/7/2021		<10.0
MW-55	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/7/2021		<10.0
MW-50	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/7/2021		<10.0
MW-23	u	4-Methyl-2-Pentanone	108-10-1	ug/L	12/8/2021		<10.0
MW-39	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/8/2021		<10.0
MW-51	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/8/2021		<10.0
MW-52	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/8/2021		<10.0
MW-53	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/8/2021		<10.0
MW-54	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/8/2021		<10.0
MW-39	d	4-Nitroaniline	100-01-6	ug/L	3/11/2013	ND	
MW-31R	d	4-Nitroaniline	100-01-6	ug/L	9/10/2013	ND	
MW-32R	d	4-Nitroaniline	100-01-6	ug/L	9/10/2013	ND	
MW-18	d	4-Nitroaniline	100-01-6	ug/L	12/18/2013	ND	
MW-20	d	4-Nitroaniline	100-01-6	ug/L	12/18/2013	ND	
MW-21	d	4-Nitroaniline	100-01-6	ug/L	12/18/2013	ND	
MW-22R	d	4-Nitroaniline	100-01-6	ug/L	12/18/2013	ND	
MW-30R	d	4-Nitroaniline	100-01-6	ug/L	12/18/2013	ND	
MW-18	d	4-Nitroaniline	100-01-6	ug/L	6/24/2014	ND	
MW-29	d	4-Nitroaniline	100-01-6	ug/L	7/24/2014	ND	
MW-57	d	4-Nitroaniline	100-01-6	ug/L	7/24/2014	ND	
MW-58	d	4-Nitroaniline	100-01-6	ug/L	7/24/2014	ND	
MW-33R	d	4-Nitroaniline	100-01-6	ug/L	9/24/2014	ND	
MW-50	d	4-Nitroaniline	100-01-6	ug/L	9/24/2014	ND	
MW-51	d	4-Nitroaniline	100-01-6	ug/L	9/24/2014	ND	
MW-52	d	4-Nitroaniline	100-01-6	ug/L	9/24/2014	ND	
MW-53	d	4-Nitroaniline	100-01-6	ug/L	9/24/2014	ND	
MW-54	d	4-Nitroaniline	100-01-6	ug/L	9/24/2014	ND	
MW-14R	d	4-Nitroaniline	100-01-6	ug/L	12/4/2014	ND	
MW-19	d	4-Nitroaniline	100-01-6	ug/L	12/4/2014	ND	
MW-28	d	4-Nitroaniline	100-01-6	ug/L	12/4/2014	ND	
MW-56	d	4-Nitroaniline	100-01-6	ug/L	12/4/2014	ND	
MW-55	d	4-Nitroaniline	100-01-6	ug/L	3/11/2015	ND	
MW-20	d	4-Nitroaniline	100-01-6	ug/L	4/3/2018	ND	
MW-21	d	4-Nitroaniline	100-01-6	ug/L	4/3/2018	ND	
MW-30R	d	4-Nitroaniline	100-01-6	ug/L	4/3/2018	ND	
MW-31R	d	4-Nitroaniline	100-01-6	ug/L	4/3/2018	ND	
MW-32R	d	4-Nitroaniline	100-01-6	ug/L	4/3/2018	ND	
MW-39	d	4-Nitroaniline	100-01-6	ug/L	11/1/2018	ND	
MW-22R	d	4-Nitroaniline	100-01-6	ug/L	11/2/2018	ND	
MW-18	d	4-Nitroaniline	100-01-6	ug/L	5/16/2019	ND	
MW-19	d	4-Nitroaniline	100-01-6	ug/L	5/16/2019	ND	
MW-28	d	4-Nitroaniline	100-01-6	ug/L	5/16/2019	ND	
MW-50	d	4-Nitroaniline	100-01-6	ug/L	5/20/2019	ND	
MW-51	d	4-Nitroaniline	100-01-6	ug/L	5/20/2019	ND	
MW-52	d	4-Nitroaniline	100-01-6	ug/L	5/20/2019	ND	
MW-53	d	4-Nitroaniline	100-01-6	ug/L	5/20/2019	ND	
MW-54	d	4-Nitroaniline	100-01-6	ug/L	5/20/2019	ND	
MW-56	d	4-Nitroaniline	100-01-6	ug/L	5/20/2019	ND	
MW-14R	d	4-Nitroaniline	100-01-6	ug/L	9/11/2019	ND	
MW-29	d	4-Nitroaniline	100-01-6	ug/L	9/11/2019	ND	
MW-33R	d	4-Nitroaniline	100-01-6	ug/L	9/11/2019	ND	
MW-58	d	4-Nitroaniline	100-01-6	ug/L	9/11/2019	ND	
MW-55	d	4-Nitroaniline	100-01-6	ug/L	11/12/2020	ND	
MW-39	d	4-Nitrophenol	100-02-7	ug/L	3/11/2013	ND	
MW-31R	d	4-Nitrophenol	100-02-7	ug/L	9/10/2013	ND	
MW-32R	d	4-Nitrophenol	100-02-7	ug/L	9/10/2013	ND	
MW-18	d	4-Nitrophenol	100-02-7	ug/L	12/18/2013	ND	
MW-20	d	4-Nitrophenol	100-02-7	ug/L	12/18/2013	ND	
MW-21	d	4-Nitrophenol	100-02-7	ug/L	12/18/2013	ND	
MW-22R	d	4-Nitrophenol	100-02-7	ug/L	12/18/2013	ND	
MW-30R	d	4-Nitrophenol	100-02-7	ug/L	12/18/2013	ND	
MW-18	d	4-Nitrophenol	100-02-7	ug/L	6/24/2014	ND	
MW-29	d	4-Nitrophenol	100-02-7	ug/L	7/24/2014	ND	
MW-57	d	4-Nitrophenol	100-02-7	ug/L	7/24/2014	ND	
MW-58	d	4-Nitrophenol	100-02-7	ug/L	7/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	4-Nitrophenol	100-02-7	ug/L	9/24/2014	ND	
MW-50	d	4-Nitrophenol	100-02-7	ug/L	9/24/2014	ND	
MW-51	d	4-Nitrophenol	100-02-7	ug/L	9/24/2014	ND	
MW-52	d	4-Nitrophenol	100-02-7	ug/L	9/24/2014	ND	
MW-53	d	4-Nitrophenol	100-02-7	ug/L	9/24/2014	ND	
MW-54	d	4-Nitrophenol	100-02-7	ug/L	9/24/2014	ND	
MW-14R	d	4-Nitrophenol	100-02-7	ug/L	12/4/2014	ND	
MW-19	d	4-Nitrophenol	100-02-7	ug/L	12/4/2014	ND	
MW-28	d	4-Nitrophenol	100-02-7	ug/L	12/4/2014	ND	
MW-56	d	4-Nitrophenol	100-02-7	ug/L	12/4/2014	ND	
MW-55	d	4-Nitrophenol	100-02-7	ug/L	3/11/2015	ND	
MW-20	d	4-Nitrophenol	100-02-7	ug/L	4/3/2018	ND	
MW-21	d	4-Nitrophenol	100-02-7	ug/L	4/3/2018	ND	
MW-30R	d	4-Nitrophenol	100-02-7	ug/L	4/3/2018	ND	
MW-31R	d	4-Nitrophenol	100-02-7	ug/L	4/3/2018	ND	
MW-32R	d	4-Nitrophenol	100-02-7	ug/L	4/3/2018	ND	
MW-39	d	4-Nitrophenol	100-02-7	ug/L	11/1/2018	ND	
MW-22R	d	4-Nitrophenol	100-02-7	ug/L	11/2/2018	ND	
MW-18	d	4-Nitrophenol	100-02-7	ug/L	5/16/2019	ND	
MW-19	d	4-Nitrophenol	100-02-7	ug/L	5/16/2019	ND	
MW-28	d	4-Nitrophenol	100-02-7	ug/L	5/16/2019	ND	
MW-50	d	4-Nitrophenol	100-02-7	ug/L	5/20/2019	ND	
MW-51	d	4-Nitrophenol	100-02-7	ug/L	5/20/2019	ND	
MW-52	d	4-Nitrophenol	100-02-7	ug/L	5/20/2019	ND	
MW-53	d	4-Nitrophenol	100-02-7	ug/L	5/20/2019	ND	
MW-54	d	4-Nitrophenol	100-02-7	ug/L	5/20/2019	ND	
MW-56	d	4-Nitrophenol	100-02-7	ug/L	5/20/2019	ND	
MW-14R	d	4-Nitrophenol	100-02-7	ug/L	9/11/2019	ND	
MW-29	d	4-Nitrophenol	100-02-7	ug/L	9/11/2019	ND	
MW-33R	d	4-Nitrophenol	100-02-7	ug/L	9/11/2019	ND	
MW-58	d	4-Nitrophenol	100-02-7	ug/L	9/11/2019	ND	
MW-55	d	4-Nitrophenol	100-02-7	ug/L	11/12/2020	ND	
MW-39	d	5-Nitro-o-toluidine	99-55-8	ug/L	3/11/2013	ND	
MW-31R	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/10/2013	ND	
MW-32R	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/10/2013	ND	
MW-18	d	5-Nitro-o-toluidine	99-55-8	ug/L	12/18/2013	ND	
MW-20	d	5-Nitro-o-toluidine	99-55-8	ug/L	12/18/2013	ND	
MW-21	d	5-Nitro-o-toluidine	99-55-8	ug/L	12/18/2013	ND	
MW-22R	d	5-Nitro-o-toluidine	99-55-8	ug/L	12/18/2013	ND	
MW-30R	d	5-Nitro-o-toluidine	99-55-8	ug/L	12/18/2013	ND	
MW-18	d	5-Nitro-o-toluidine	99-55-8	ug/L	6/24/2014	ND	
MW-29	d	5-Nitro-o-toluidine	99-55-8	ug/L	7/24/2014	ND	
MW-57	d	5-Nitro-o-toluidine	99-55-8	ug/L	7/24/2014	ND	
MW-58	d	5-Nitro-o-toluidine	99-55-8	ug/L	7/24/2014	ND	
MW-33R	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/24/2014	ND	
MW-50	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/24/2014	ND	
MW-51	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/24/2014	ND	
MW-52	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/24/2014	ND	
MW-53	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/24/2014	ND	
MW-54	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/24/2014	ND	
MW-14R	d	5-Nitro-o-toluidine	99-55-8	ug/L	12/4/2014	ND	
MW-19	d	5-Nitro-o-toluidine	99-55-8	ug/L	12/4/2014	ND	
MW-28	d	5-Nitro-o-toluidine	99-55-8	ug/L	12/4/2014	ND	
MW-56	d	5-Nitro-o-toluidine	99-55-8	ug/L	12/4/2014	ND	
MW-55	d	5-Nitro-o-toluidine	99-55-8	ug/L	3/11/2015	ND	
MW-20	d	5-Nitro-o-toluidine	99-55-8	ug/L	4/3/2018	ND	
MW-21	d	5-Nitro-o-toluidine	99-55-8	ug/L	4/3/2018	ND	
MW-30R	d	5-Nitro-o-toluidine	99-55-8	ug/L	4/3/2018	ND	
MW-31R	d	5-Nitro-o-toluidine	99-55-8	ug/L	4/3/2018	ND	
MW-32R	d	5-Nitro-o-toluidine	99-55-8	ug/L	4/3/2018	ND	
MW-39	d	5-Nitro-o-toluidine	99-55-8	ug/L	11/1/2018	ND	
MW-22R	d	5-Nitro-o-toluidine	99-55-8	ug/L	11/2/2018	ND	
MW-18	d	5-Nitro-o-toluidine	99-55-8	ug/L	5/16/2019	ND	
MW-19	d	5-Nitro-o-toluidine	99-55-8	ug/L	5/16/2019	ND	
MW-28	d	5-Nitro-o-toluidine	99-55-8	ug/L	5/16/2019	ND	
MW-50	d	5-Nitro-o-toluidine	99-55-8	ug/L	5/20/2019	ND	
MW-51	d	5-Nitro-o-toluidine	99-55-8	ug/L	5/20/2019	ND	
MW-52	d	5-Nitro-o-toluidine	99-55-8	ug/L	5/20/2019	ND	
MW-53	d	5-Nitro-o-toluidine	99-55-8	ug/L	5/20/2019	ND	
MW-54	d	5-Nitro-o-toluidine	99-55-8	ug/L	5/20/2019	ND	
MW-56	d	5-Nitro-o-toluidine	99-55-8	ug/L	5/20/2019	ND	
MW-14R	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/11/2019	ND	
MW-29	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/11/2019	ND	
MW-33R	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/11/2019	ND	
MW-58	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/11/2019	ND	
MW-55	d	5-Nitro-o-toluidine	99-55-8	ug/L	11/12/2020	ND	
MW-39	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	3/11/2013	ND	
MW-31R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/10/2013	ND	
MW-32R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/10/2013	ND	
MW-18	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	12/18/2013	ND	
MW-20	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	12/18/2013	ND	
MW-21	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	12/18/2013	ND	
MW-22R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	12/18/2013	ND	
MW-30R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	12/18/2013	ND	
MW-18	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	6/24/2014	ND	
MW-29	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	7/24/2014	ND	
MW-57	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	7/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	7/24/2014	ND	
MW-33R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/24/2014	ND	
MW-50	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/24/2014	ND	
MW-51	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/24/2014	ND	
MW-52	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/24/2014	ND	
MW-53	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/24/2014	ND	
MW-54	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/24/2014	ND	
MW-14R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	12/4/2014	ND	
MW-19	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	12/4/2014	ND	
MW-28	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	12/4/2014	ND	
MW-56	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	12/4/2014	ND	
MW-55	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	3/11/2015	ND	
MW-20	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	4/3/2018	ND	
MW-21	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	4/3/2018	ND	
MW-30R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	4/3/2018	ND	
MW-31R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	4/3/2018	ND	
MW-32R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	4/3/2018	ND	
MW-39	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	11/1/2018	ND	
MW-22R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	11/2/2018	ND	
MW-18	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	5/16/2019	ND	
MW-19	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	5/16/2019	ND	
MW-28	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	5/16/2019	ND	
MW-50	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	5/20/2019	ND	
MW-51	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	5/20/2019	ND	
MW-52	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	5/20/2019	ND	
MW-53	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	5/20/2019	ND	
MW-54	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	5/20/2019	ND	
MW-56	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	5/20/2019	ND	
MW-14R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/11/2019	ND	
MW-29	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/11/2019	ND	
MW-33R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/11/2019	ND	
MW-58	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/11/2019	ND	
MW-55	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	11/12/2020	ND	
MW-39	d	Acenaphthene	83-32-9	ug/L	3/11/2013	ND	
MW-31R	d	Acenaphthene	83-32-9	ug/L	9/10/2013	ND	
MW-32R	d	Acenaphthene	83-32-9	ug/L	9/10/2013	ND	
MW-18	d	Acenaphthene	83-32-9	ug/L	12/18/2013	ND	
MW-20	d	Acenaphthene	83-32-9	ug/L	12/18/2013	ND	
MW-21	d	Acenaphthene	83-32-9	ug/L	12/18/2013	ND	
MW-22R	d	Acenaphthene	83-32-9	ug/L	12/18/2013	ND	
MW-30R	d	Acenaphthene	83-32-9	ug/L	12/18/2013	ND	
MW-18	d	Acenaphthene	83-32-9	ug/L	6/24/2014	ND	
MW-29	d	Acenaphthene	83-32-9	ug/L	7/24/2014	ND	
MW-57	d	Acenaphthene	83-32-9	ug/L	7/24/2014	ND	
MW-58	d	Acenaphthene	83-32-9	ug/L	7/24/2014	ND	
MW-33R	d	Acenaphthene	83-32-9	ug/L	9/24/2014	ND	
MW-50	d	Acenaphthene	83-32-9	ug/L	9/24/2014	ND	
MW-51	d	Acenaphthene	83-32-9	ug/L	9/24/2014	ND	
MW-52	d	Acenaphthene	83-32-9	ug/L	9/24/2014	ND	
MW-53	d	Acenaphthene	83-32-9	ug/L	9/24/2014	ND	
MW-54	d	Acenaphthene	83-32-9	ug/L	9/24/2014	ND	
MW-14R	d	Acenaphthene	83-32-9	ug/L	12/4/2014	ND	
MW-19	d	Acenaphthene	83-32-9	ug/L	12/4/2014	ND	
MW-28	d	Acenaphthene	83-32-9	ug/L	12/4/2014	ND	
MW-56	d	Acenaphthene	83-32-9	ug/L	12/4/2014	ND	
MW-55	d	Acenaphthene	83-32-9	ug/L	3/11/2015	ND	
MW-20	d	Acenaphthene	83-32-9	ug/L	4/3/2018	ND	
MW-21	d	Acenaphthene	83-32-9	ug/L	4/3/2018	ND	
MW-30R	d	Acenaphthene	83-32-9	ug/L	4/3/2018	ND	
MW-31R	d	Acenaphthene	83-32-9	ug/L	4/3/2018	ND	
MW-32R	d	Acenaphthene	83-32-9	ug/L	4/3/2018	ND	
MW-39	d	Acenaphthene	83-32-9	ug/L	11/1/2018	ND	
MW-22R	d	Acenaphthene	83-32-9	ug/L	11/2/2018	ND	
MW-18	d	Acenaphthene	83-32-9	ug/L	5/16/2019	ND	
MW-19	d	Acenaphthene	83-32-9	ug/L	5/16/2019	ND	
MW-28	d	Acenaphthene	83-32-9	ug/L	5/16/2019	ND	
MW-50	d	Acenaphthene	83-32-9	ug/L	5/20/2019	ND	
MW-51	d	Acenaphthene	83-32-9	ug/L	5/20/2019	ND	
MW-52	d	Acenaphthene	83-32-9	ug/L	5/20/2019	ND	
MW-53	d	Acenaphthene	83-32-9	ug/L	5/20/2019	ND	
MW-54	d	Acenaphthene	83-32-9	ug/L	5/20/2019	ND	
MW-56	d	Acenaphthene	83-32-9	ug/L	5/20/2019	ND	
MW-14R	d	Acenaphthene	83-32-9	ug/L	9/11/2019	ND	
MW-29	d	Acenaphthene	83-32-9	ug/L	9/11/2019	ND	
MW-33R	d	Acenaphthene	83-32-9	ug/L	9/11/2019	ND	
MW-58	d	Acenaphthene	83-32-9	ug/L	9/11/2019	ND	
MW-55	d	Acenaphthene	83-32-9	ug/L	11/12/2020	ND	
MW-39	d	Acenaphthylene	208-96-8	ug/L	3/11/2013	ND	
MW-31R	d	Acenaphthylene	208-96-8	ug/L	9/10/2013	ND	
MW-32R	d	Acenaphthylene	208-96-8	ug/L	9/10/2013	ND	
MW-18	d	Acenaphthylene	208-96-8	ug/L	12/18/2013	ND	
MW-20	d	Acenaphthylene	208-96-8	ug/L	12/18/2013	ND	
MW-21	d	Acenaphthylene	208-96-8	ug/L	12/18/2013	ND	
MW-22R	d	Acenaphthylene	208-96-8	ug/L	12/18/2013	ND	
MW-30R	d	Acenaphthylene	208-96-8	ug/L	12/18/2013	ND	
MW-18	d	Acenaphthylene	208-96-8	ug/L	6/24/2014	ND	
MW-29	d	Acenaphthylene	208-96-8	ug/L	7/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57	d	Acenaphthylene	208-96-8	ug/L	7/24/2014	ND	
MW-58	d	Acenaphthylene	208-96-8	ug/L	7/24/2014	ND	
MW-33R	d	Acenaphthylene	208-96-8	ug/L	9/24/2014	ND	
MW-50	d	Acenaphthylene	208-96-8	ug/L	9/24/2014	ND	
MW-51	d	Acenaphthylene	208-96-8	ug/L	9/24/2014	ND	
MW-52	d	Acenaphthylene	208-96-8	ug/L	9/24/2014	ND	
MW-53	d	Acenaphthylene	208-96-8	ug/L	9/24/2014	ND	
MW-54	d	Acenaphthylene	208-96-8	ug/L	9/24/2014	ND	
MW-14R	d	Acenaphthylene	208-96-8	ug/L	12/4/2014	ND	
MW-19	d	Acenaphthylene	208-96-8	ug/L	12/4/2014	ND	
MW-28	d	Acenaphthylene	208-96-8	ug/L	12/4/2014	ND	
MW-56	d	Acenaphthylene	208-96-8	ug/L	12/4/2014	ND	
MW-55	d	Acenaphthylene	208-96-8	ug/L	3/11/2015	ND	
MW-20	d	Acenaphthylene	208-96-8	ug/L	4/3/2018	ND	
MW-21	d	Acenaphthylene	208-96-8	ug/L	4/3/2018	ND	
MW-30R	d	Acenaphthylene	208-96-8	ug/L	4/3/2018	ND	
MW-31R	d	Acenaphthylene	208-96-8	ug/L	4/3/2018	ND	
MW-32R	d	Acenaphthylene	208-96-8	ug/L	4/3/2018	ND	
MW-39	d	Acenaphthylene	208-96-8	ug/L	11/1/2018	ND	
MW-22R	d	Acenaphthylene	208-96-8	ug/L	11/2/2018	ND	
MW-18	d	Acenaphthylene	208-96-8	ug/L	5/16/2019	ND	
MW-19	d	Acenaphthylene	208-96-8	ug/L	5/16/2019	ND	
MW-28	d	Acenaphthylene	208-96-8	ug/L	5/16/2019	ND	
MW-50	d	Acenaphthylene	208-96-8	ug/L	5/20/2019	ND	
MW-51	d	Acenaphthylene	208-96-8	ug/L	5/20/2019	ND	
MW-52	d	Acenaphthylene	208-96-8	ug/L	5/20/2019	ND	
MW-53	d	Acenaphthylene	208-96-8	ug/L	5/20/2019	ND	
MW-54	d	Acenaphthylene	208-96-8	ug/L	5/20/2019	ND	
MW-56	d	Acenaphthylene	208-96-8	ug/L	5/20/2019	ND	
MW-14R	d	Acenaphthylene	208-96-8	ug/L	9/11/2019	ND	
MW-29	d	Acenaphthylene	208-96-8	ug/L	9/11/2019	ND	
MW-33R	d	Acenaphthylene	208-96-8	ug/L	9/11/2019	ND	
MW-58	d	Acenaphthylene	208-96-8	ug/L	9/11/2019	ND	
MW-55	d	Acenaphthylene	208-96-8	ug/L	11/12/2020	ND	
MW-51	d	Acetone	67-64-1	ug/L	1/15/2010	ND	
MW-24R	u	Acetone	67-64-1	ug/L	2/11/2010	ND	
MW-53	d	Acetone	67-64-1	ug/L	2/11/2010	ND	
GU-3A	d	Acetone	67-64-1	ug/L	3/24/2010	ND	
MW-20	d	Acetone	67-64-1	ug/L	3/24/2010	ND	
MW-21	d	Acetone	67-64-1	ug/L	3/24/2010	ND	
MW-22R	d	Acetone	67-64-1	ug/L	3/24/2010	ND	
MW-52	d	Acetone	67-64-1	ug/L	3/24/2010	ND	
MW-54	d	Acetone	67-64-1	ug/L	3/24/2010	ND	
MW-55	d	Acetone	67-64-1	ug/L	3/24/2010	ND	
MW-28	d	Acetone	67-64-1	ug/L	4/9/2010	ND	
MW-33R	d	Acetone	67-64-1	ug/L	4/9/2010	ND	
MW-50	d	Acetone	67-64-1	ug/L	4/9/2010	ND	
MW-56	d	Acetone	67-64-1	ug/L	4/9/2010	ND	
MW-57	d	Acetone	67-64-1	ug/L	4/9/2010	ND	
MW-58	d	Acetone	67-64-1	ug/L	4/9/2010	ND	
MW-32R	d	Acetone	67-64-1	ug/L	5/18/2010	ND	
MW-14R	d	Acetone	67-64-1	ug/L	6/17/2010	ND	
MW-19	d	Acetone	67-64-1	ug/L	6/17/2010	ND	
MW-29	d	Acetone	67-64-1	ug/L	6/17/2010	ND	
MW-30R	d	Acetone	67-64-1	ug/L	6/17/2010	ND	
MW-31R	d	Acetone	67-64-1	ug/L	6/17/2010	ND	
MW-51	d	Acetone	67-64-1	ug/L	6/17/2010	ND	
MW-21	d	Acetone	67-64-1	ug/L	7/21/2010	ND	
MW-54	d	Acetone	67-64-1	ug/L	7/21/2010	ND	
MW-20	d	Acetone	67-64-1	ug/L	8/17/2010	ND	
MW-29	d	Acetone	67-64-1	ug/L	8/17/2010	ND	
MW-39	d	Acetone	67-64-1	ug/L	8/17/2010	ND	
MW-51	d	Acetone	67-64-1	ug/L	8/17/2010	ND	
GU-3A	d	Acetone	67-64-1	ug/L	9/17/2010		43.5
MW-22R	d	Acetone	67-64-1	ug/L	9/17/2010	ND	
MW-55	d	Acetone	67-64-1	ug/L	9/17/2010	ND	
MW-19	d	Acetone	67-64-1	ug/L	10/22/2010	ND	
MW-24R	u	Acetone	67-64-1	ug/L	10/22/2010	ND	
MW-30R	d	Acetone	67-64-1	ug/L	10/22/2010	ND	
MW-31R	d	Acetone	67-64-1	ug/L	10/22/2010	ND	
MW-50	d	Acetone	67-64-1	ug/L	10/22/2010	ND	
MW-53	d	Acetone	67-64-1	ug/L	10/22/2010	ND	
MW-56	d	Acetone	67-64-1	ug/L	10/22/2010	ND	
MW-58	d	Acetone	67-64-1	ug/L	10/22/2010	ND	
MW-14R	d	Acetone	67-64-1	ug/L	11/8/2010	ND	
MW-32R	d	Acetone	67-64-1	ug/L	11/8/2010	ND	
MW-57	d	Acetone	67-64-1	ug/L	11/8/2010	ND	
MW-28	d	Acetone	67-64-1	ug/L	12/15/2010	ND	
MW-33R	d	Acetone	67-64-1	ug/L	12/15/2010	ND	
MW-52	d	Acetone	67-64-1	ug/L	12/15/2010	ND	
MW-54	d	Acetone	67-64-1	ug/L	1/12/2011	ND	
MW-54	d	Acetone	67-64-1	ug/L	1/12/2011	ND	
MW-20	d	Acetone	67-64-1	ug/L	2/22/2011	ND	
MW-22R	d	Acetone	67-64-1	ug/L	2/22/2011	ND	
MW-51	d	Acetone	67-64-1	ug/L	2/22/2011	ND	
MW-52	d	Acetone	67-64-1	ug/L	2/22/2011	ND	
MW-53	d	Acetone	67-64-1	ug/L	2/22/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-55	d	Acetone	67-64-1	ug/L	2/22/2011	ND	
GU-3A	d	Acetone	67-64-1	ug/L	3/2/2011	ND	
MW-21	d	Acetone	67-64-1	ug/L	3/2/2011	ND	
MW-21	d	Acetone	67-64-1	ug/L	3/2/2011	ND	
MW-29	d	Acetone	67-64-1	ug/L	4/21/2011	ND	
MW-30R	d	Acetone	67-64-1	ug/L	4/21/2011	ND	
MW-31R	d	Acetone	67-64-1	ug/L	4/21/2011	ND	
MW-31R	d	Acetone	67-64-1	ug/L	4/21/2011	ND	
MW-32R	d	Acetone	67-64-1	ug/L	4/21/2011	ND	
MW-54	d	Acetone	67-64-1	ug/L	5/31/2011	ND	
MW-56	d	Acetone	67-64-1	ug/L	5/31/2011	ND	
MW-57	d	Acetone	67-64-1	ug/L	5/31/2011	ND	
MW-58	d	Acetone	67-64-1	ug/L	5/31/2011	ND	
MW-14R	d	Acetone	67-64-1	ug/L	6/7/2011	ND	
MW-14R	d	Acetone	67-64-1	ug/L	6/7/2011	ND	
MW-19	d	Acetone	67-64-1	ug/L	6/7/2011	ND	
MW-28	d	Acetone	67-64-1	ug/L	6/7/2011	ND	
MW-33R	d	Acetone	67-64-1	ug/L	6/7/2011	ND	
MW-39	d	Acetone	67-64-1	ug/L	6/7/2011	ND	
MW-50	d	Acetone	67-64-1	ug/L	6/7/2011	ND	
MW-52	d	Acetone	67-64-1	ug/L	7/22/2011	ND	
MW-56	d	Acetone	67-64-1	ug/L	7/22/2011	ND	
MW-58	d	Acetone	67-64-1	ug/L	7/22/2011	ND	
MW-14R	d	Acetone	67-64-1	ug/L	8/29/2011	ND	
MW-19	d	Acetone	67-64-1	ug/L	8/29/2011	ND	
MW-19	d	Acetone	67-64-1	ug/L	8/29/2011	ND	
MW-32R	d	Acetone	67-64-1	ug/L	8/29/2011	ND	
GU-3A	d	Acetone	67-64-1	ug/L	9/9/2011		20.5
MW-22R	d	Acetone	67-64-1	ug/L	9/9/2011	ND	
MW-28	d	Acetone	67-64-1	ug/L	9/9/2011	ND	
MW-29	d	Acetone	67-64-1	ug/L	9/9/2011	ND	
MW-51	d	Acetone	67-64-1	ug/L	9/9/2011	ND	
MW-53	d	Acetone	67-64-1	ug/L	9/9/2011	ND	
MW-53	d	Acetone	67-64-1	ug/L	9/9/2011	ND	
MW-21	d	Acetone	67-64-1	ug/L	10/4/2011	ND	
MW-50	d	Acetone	67-64-1	ug/L	10/4/2011	ND	
MW-50	d	Acetone	67-64-1	ug/L	10/4/2011	ND	
MW-54	d	Acetone	67-64-1	ug/L	10/4/2011	ND	
MW-57	d	Acetone	67-64-1	ug/L	10/4/2011	ND	
MW-20	d	Acetone	67-64-1	ug/L	11/29/2011	ND	
MW-30R	d	Acetone	67-64-1	ug/L	11/29/2011	ND	
MW-52	d	Acetone	67-64-1	ug/L	11/29/2011	ND	
MW-55	d	Acetone	67-64-1	ug/L	11/29/2011	ND	
MW-31R	d	Acetone	67-64-1	ug/L	12/16/2011	ND	
MW-33R	d	Acetone	67-64-1	ug/L	12/16/2011	ND	
MW-39	d	Acetone	67-64-1	ug/L	12/16/2011	ND	
MW-14R	d	Acetone	67-64-1	ug/L	3/8/2012	ND	
MW-19	d	Acetone	67-64-1	ug/L	3/8/2012	ND	
MW-20	d	Acetone	67-64-1	ug/L	3/8/2012	ND	
MW-21	d	Acetone	67-64-1	ug/L	3/8/2012	ND	
MW-22R	d	Acetone	67-64-1	ug/L	3/8/2012	ND	
MW-28	d	Acetone	67-64-1	ug/L	3/8/2012	ND	
MW-39	d	Acetone	67-64-1	ug/L	3/8/2012	ND	
MW-55	d	Acetone	67-64-1	ug/L	3/8/2012	ND	
MW-56	d	Acetone	67-64-1	ug/L	3/8/2012	ND	
MW-57	d	Acetone	67-64-1	ug/L	3/8/2012	ND	
MW-58	d	Acetone	67-64-1	ug/L	3/8/2012	ND	
GU-3A	d	Acetone	67-64-1	ug/L	6/13/2012	ND	
MW-29	d	Acetone	67-64-1	ug/L	6/13/2012	ND	
MW-30R	d	Acetone	67-64-1	ug/L	6/13/2012	ND	
MW-31R	d	Acetone	67-64-1	ug/L	6/13/2012	ND	
MW-32R	d	Acetone	67-64-1	ug/L	6/13/2012	ND	
MW-33R	d	Acetone	67-64-1	ug/L	6/13/2012	ND	
MW-50	d	Acetone	67-64-1	ug/L	6/13/2012	ND	
MW-50	d	Acetone	67-64-1	ug/L	6/13/2012	ND	
MW-51	d	Acetone	67-64-1	ug/L	6/13/2012	ND	
MW-52	d	Acetone	67-64-1	ug/L	6/13/2012	ND	
MW-53	d	Acetone	67-64-1	ug/L	6/13/2012	ND	
MW-54	d	Acetone	67-64-1	ug/L	6/13/2012	ND	
GU-3A	d	Acetone	67-64-1	ug/L	9/4/2012	ND	
MW-20	d	Acetone	67-64-1	ug/L	9/4/2012	ND	
MW-21	d	Acetone	67-64-1	ug/L	9/4/2012	ND	
MW-22R	d	Acetone	67-64-1	ug/L	9/4/2012	ND	
MW-50	d	Acetone	67-64-1	ug/L	9/4/2012	ND	
MW-51	d	Acetone	67-64-1	ug/L	9/4/2012	ND	
MW-52	d	Acetone	67-64-1	ug/L	9/4/2012	ND	
MW-53	d	Acetone	67-64-1	ug/L	9/4/2012	ND	
MW-54	d	Acetone	67-64-1	ug/L	9/4/2012	ND	
MW-54	d	Acetone	67-64-1	ug/L	9/4/2012	ND	
MW-57	d	Acetone	67-64-1	ug/L	9/4/2012	ND	
MW-58	d	Acetone	67-64-1	ug/L	9/4/2012	ND	
MW-14R	d	Acetone	67-64-1	ug/L	12/19/2012	ND	
MW-19	d	Acetone	67-64-1	ug/L	12/19/2012	ND	
MW-28	d	Acetone	67-64-1	ug/L	12/19/2012	ND	
MW-29	d	Acetone	67-64-1	ug/L	12/19/2012	ND	
MW-30R	d	Acetone	67-64-1	ug/L	12/19/2012	ND	
MW-31R	d	Acetone	67-64-1	ug/L	12/19/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-32R	d	Acetone	67-64-1	ug/L	12/19/2012	ND	
MW-33R	d	Acetone	67-64-1	ug/L	12/19/2012	ND	
MW-33R	d	Acetone	67-64-1	ug/L	12/19/2012	ND	
MW-39	d	Acetone	67-64-1	ug/L	12/19/2012	ND	
MW-55	d	Acetone	67-64-1	ug/L	12/19/2012	ND	
MW-56	d	Acetone	67-64-1	ug/L	12/19/2012	ND	
MW-14R	d	Acetone	67-64-1	ug/L	3/11/2013	ND	
MW-19	d	Acetone	67-64-1	ug/L	3/11/2013	ND	
MW-28	d	Acetone	67-64-1	ug/L	3/11/2013	ND	
MW-39	d	Acetone	67-64-1	ug/L	3/11/2013	ND	
MW-50	d	Acetone	67-64-1	ug/L	3/11/2013	ND	
MW-50	d	Acetone	67-64-1	ug/L	3/11/2013	ND	
MW-51	d	Acetone	67-64-1	ug/L	3/11/2013	ND	
MW-52	d	Acetone	67-64-1	ug/L	3/11/2013	ND	
MW-53	d	Acetone	67-64-1	ug/L	3/11/2013	ND	
MW-54	d	Acetone	67-64-1	ug/L	3/11/2013	ND	
MW-55	d	Acetone	67-64-1	ug/L	3/11/2013	ND	
MW-56	d	Acetone	67-64-1	ug/L	3/11/2013	ND	
MW-20	d	Acetone	67-64-1	ug/L	6/10/2013	ND	
MW-20	d	Acetone	67-64-1	ug/L	6/10/2013	ND	
MW-21	d	Acetone	67-64-1	ug/L	6/10/2013	ND	
MW-22R	d	Acetone	67-64-1	ug/L	6/10/2013	ND	
MW-29	d	Acetone	67-64-1	ug/L	6/10/2013	ND	
MW-30R	d	Acetone	67-64-1	ug/L	6/10/2013	ND	
MW-31R	d	Acetone	67-64-1	ug/L	6/10/2013	ND	
MW-32R	d	Acetone	67-64-1	ug/L	6/10/2013	ND	
MW-33R	d	Acetone	67-64-1	ug/L	6/10/2013	ND	
MW-57	d	Acetone	67-64-1	ug/L	6/10/2013	ND	
MW-58	d	Acetone	67-64-1	ug/L	6/10/2013	ND	
GU-3A	d	Acetone	67-64-1	ug/L	9/10/2013	ND	
MW-31R	d	Acetone	67-64-1	ug/L	9/10/2013	ND	
MW-31R	d	Acetone	67-64-1	ug/L	9/10/2013	ND	
MW-32R	d	Acetone	67-64-1	ug/L	9/10/2013	ND	
MW-33R	d	Acetone	67-64-1	ug/L	9/10/2013	ND	
MW-50	d	Acetone	67-64-1	ug/L	9/10/2013	ND	
MW-51	d	Acetone	67-64-1	ug/L	9/10/2013	ND	
MW-52	d	Acetone	67-64-1	ug/L	9/10/2013	ND	
MW-53	d	Acetone	67-64-1	ug/L	9/10/2013	ND	
MW-54	d	Acetone	67-64-1	ug/L	9/10/2013	ND	
MW-14R	d	Acetone	67-64-1	ug/L	12/18/2013	ND	
MW-18	d	Acetone	67-64-1	ug/L	12/18/2013	ND	
MW-19	d	Acetone	67-64-1	ug/L	12/18/2013	ND	
MW-20	d	Acetone	67-64-1	ug/L	12/18/2013	ND	
MW-21	d	Acetone	67-64-1	ug/L	12/18/2013	ND	
MW-22R	d	Acetone	67-64-1	ug/L	12/18/2013	ND	
MW-28	d	Acetone	67-64-1	ug/L	12/18/2013	ND	
MW-30R	d	Acetone	67-64-1	ug/L	12/18/2013	ND	
MW-39	d	Acetone	67-64-1	ug/L	12/18/2013	ND	
MW-39	d	Acetone	67-64-1	ug/L	12/18/2013	ND	
MW-55	d	Acetone	67-64-1	ug/L	12/18/2013	ND	
MW-18	d	Acetone	67-64-1	ug/L	3/20/2014	ND	
MW-20	d	Acetone	67-64-1	ug/L	3/20/2014	ND	
MW-21	d	Acetone	67-64-1	ug/L	3/20/2014	ND	
MW-21	d	Acetone	67-64-1	ug/L	3/20/2014	ND	
MW-22R	d	Acetone	67-64-1	ug/L	3/20/2014	ND	
MW-30R	d	Acetone	67-64-1	ug/L	3/20/2014	ND	
MW-31R	d	Acetone	67-64-1	ug/L	3/20/2014	ND	
MW-32R	d	Acetone	67-64-1	ug/L	3/20/2014	ND	
MW-33R	d	Acetone	67-64-1	ug/L	3/20/2014	ND	
MW-14R	d	Acetone	67-64-1	ug/L	6/24/2014		26.4
MW-14R	d	Acetone	67-64-1	ug/L	6/24/2014		21.1
MW-18	d	Acetone	67-64-1	ug/L	6/24/2014	ND	
MW-19	d	Acetone	67-64-1	ug/L	6/24/2014		17.9
MW-28	d	Acetone	67-64-1	ug/L	6/24/2014	ND	
MW-39	d	Acetone	67-64-1	ug/L	6/24/2014		111
MW-50	d	Acetone	67-64-1	ug/L	6/24/2014	J	2.39
MW-51	d	Acetone	67-64-1	ug/L	6/24/2014	J	5.93
MW-52	d	Acetone	67-64-1	ug/L	6/24/2014	J	2.2
MW-53	d	Acetone	67-64-1	ug/L	6/24/2014	J	3.52
MW-54	d	Acetone	67-64-1	ug/L	6/24/2014		105
MW-55	d	Acetone	67-64-1	ug/L	6/24/2014		98.7
MW-58	d	Acetone	67-64-1	ug/L	6/24/2014		51.5
MW-29	d	Acetone	67-64-1	ug/L	7/24/2014	J	5.41
MW-56	d	Acetone	67-64-1	ug/L	7/24/2014	ND	
MW-57	d	Acetone	67-64-1	ug/L	7/24/2014	ND	
GU-3A	d	Acetone	67-64-1	ug/L	9/24/2014	ND	
MW-18	d	Acetone	67-64-1	ug/L	9/24/2014	ND	
MW-29	d	Acetone	67-64-1	ug/L	9/24/2014	ND	
MW-30R	d	Acetone	67-64-1	ug/L	9/24/2014	J	2.19
MW-31R	d	Acetone	67-64-1	ug/L	9/24/2014	ND	
MW-31R	d	Acetone	67-64-1	ug/L	9/24/2014	ND	
MW-32R	d	Acetone	67-64-1	ug/L	9/24/2014	ND	
MW-33R	d	Acetone	67-64-1	ug/L	9/24/2014	ND	
MW-50	d	Acetone	67-64-1	ug/L	9/24/2014	ND	
MW-51	d	Acetone	67-64-1	ug/L	9/24/2014	ND	
MW-52	d	Acetone	67-64-1	ug/L	9/24/2014	ND	
MW-53	d	Acetone	67-64-1	ug/L	9/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-54	d	Acetone	67-64-1	ug/L	9/24/2014	ND	
MW-14R	d	Acetone	67-64-1	ug/L	12/4/2014	ND	
MW-18	d	Acetone	67-64-1	ug/L	12/4/2014	ND	
MW-19	d	Acetone	67-64-1	ug/L	12/4/2014	ND	
MW-20	d	Acetone	67-64-1	ug/L	12/4/2014	ND	
MW-21	d	Acetone	67-64-1	ug/L	12/4/2014	ND	
MW-22R	d	Acetone	67-64-1	ug/L	12/4/2014	ND	
MW-28	d	Acetone	67-64-1	ug/L	12/4/2014	ND	
MW-39	d	Acetone	67-64-1	ug/L	12/4/2014	ND	
MW-56	d	Acetone	67-64-1	ug/L	12/4/2014	ND	
MW-57	d	Acetone	67-64-1	ug/L	12/4/2014	ND	
MW-57	d	Acetone	67-64-1	ug/L	12/4/2014	ND	
MW-58	d	Acetone	67-64-1	ug/L	12/4/2014	ND	
MW-14R	d	Acetone	67-64-1	ug/L	3/11/2015	ND	
MW-18	d	Acetone	67-64-1	ug/L	3/11/2015	ND	
MW-19	d	Acetone	67-64-1	ug/L	3/11/2015	ND	
MW-20	d	Acetone	67-64-1	ug/L	3/11/2015	ND	
MW-21	d	Acetone	67-64-1	ug/L	3/11/2015	ND	
MW-22R	d	Acetone	67-64-1	ug/L	3/11/2015	ND	
MW-28	d	Acetone	67-64-1	ug/L	3/11/2015	ND	
MW-39	d	Acetone	67-64-1	ug/L	3/11/2015	ND	
MW-55	d	Acetone	67-64-1	ug/L	3/11/2015	ND	
MW-56	d	Acetone	67-64-1	ug/L	3/11/2015	ND	
MW-57	d	Acetone	67-64-1	ug/L	3/11/2015	ND	
MW-58	d	Acetone	67-64-1	ug/L	3/11/2015	ND	
MW-58	d	Acetone	67-64-1	ug/L	3/11/2015	ND	
MW-29	d	Acetone	67-64-1	ug/L	6/29/2015	J	2.09
MW-30R	d	Acetone	67-64-1	ug/L	6/29/2015	ND	
MW-31R	d	Acetone	67-64-1	ug/L	6/29/2015	J	1.83
MW-31R	d	Acetone	67-64-1	ug/L	6/29/2015	ND	
MW-32R	d	Acetone	67-64-1	ug/L	6/29/2015	ND	
MW-33R	d	Acetone	67-64-1	ug/L	6/29/2015	J	1.83
MW-50	d	Acetone	67-64-1	ug/L	6/29/2015	ND	
MW-51	d	Acetone	67-64-1	ug/L	6/29/2015	ND	
MW-52	d	Acetone	67-64-1	ug/L	6/29/2015	ND	
MW-53	d	Acetone	67-64-1	ug/L	6/29/2015	ND	
MW-54	d	Acetone	67-64-1	ug/L	6/29/2015	ND	
GU-3A	d	Acetone	67-64-1	ug/L	9/22/2015	J	3.36
MW-14R	d	Acetone	67-64-1	ug/L	2/15/2016	ND	
MW-14R	d	Acetone	67-64-1	ug/L	2/15/2016	ND	
MW-18	d	Acetone	67-64-1	ug/L	2/15/2016	ND	
MW-19	d	Acetone	67-64-1	ug/L	2/15/2016	ND	
MW-39	d	Acetone	67-64-1	ug/L	2/15/2016	ND	
MW-20	d	Acetone	67-64-1	ug/L	2/16/2016	ND	
MW-21	d	Acetone	67-64-1	ug/L	2/16/2016	ND	
MW-55	d	Acetone	67-64-1	ug/L	2/16/2016	ND	
MW-56	d	Acetone	67-64-1	ug/L	2/16/2016	ND	
MW-57	d	Acetone	67-64-1	ug/L	2/16/2016	ND	
MW-58	d	Acetone	67-64-1	ug/L	2/16/2016	ND	
MW-22R	d	Acetone	67-64-1	ug/L	2/17/2016	ND	
MW-28	d	Acetone	67-64-1	ug/L	8/25/2016	ND	
MW-29	d	Acetone	67-64-1	ug/L	8/25/2016	J	2.68
MW-30R	d	Acetone	67-64-1	ug/L	8/25/2016	ND	
MW-31R	d	Acetone	67-64-1	ug/L	8/25/2016	ND	
MW-32R	d	Acetone	67-64-1	ug/L	8/25/2016	ND	
MW-33R	d	Acetone	67-64-1	ug/L	8/25/2016	ND	
MW-50	d	Acetone	67-64-1	ug/L	8/25/2016	ND	
MW-51	d	Acetone	67-64-1	ug/L	8/25/2016	ND	
MW-52	d	Acetone	67-64-1	ug/L	8/25/2016	ND	
MW-53	d	Acetone	67-64-1	ug/L	8/25/2016	ND	
MW-54	d	Acetone	67-64-1	ug/L	8/25/2016	ND	
GU-3A	d	Acetone	67-64-1	ug/L	8/26/2016	ND	
MW-18	d	Acetone	67-64-1	ug/L	1/17/2017	ND	
MW-19	d	Acetone	67-64-1	ug/L	1/17/2017	ND	
MW-22R	d	Acetone	67-64-1	ug/L	1/17/2017	ND	
MW-28	d	Acetone	67-64-1	ug/L	1/17/2017	ND	
MW-28	d	Acetone	67-64-1	ug/L	1/17/2017	ND	
MW-39	d	Acetone	67-64-1	ug/L	1/17/2017	ND	
MW-50	d	Acetone	67-64-1	ug/L	1/17/2017	ND	
MW-51	d	Acetone	67-64-1	ug/L	1/17/2017	ND	
MW-53	d	Acetone	67-64-1	ug/L	1/17/2017	ND	
MW-54	d	Acetone	67-64-1	ug/L	1/17/2017	J	2.7
MW-56	d	Acetone	67-64-1	ug/L	1/17/2017	ND	
GU-3A	d	Acetone	67-64-1	ug/L	7/10/2017	J	4.03
MW-14R	d	Acetone	67-64-1	ug/L	7/10/2017	J	3.4
MW-20	d	Acetone	67-64-1	ug/L	7/10/2017	J	2.02
MW-21	d	Acetone	67-64-1	ug/L	7/10/2017	J	5.53
MW-29	d	Acetone	67-64-1	ug/L	7/10/2017	J	4.89
MW-30R	d	Acetone	67-64-1	ug/L	7/10/2017	J	4.04
MW-31R	d	Acetone	67-64-1	ug/L	7/10/2017	J	2.85
MW-32R	d	Acetone	67-64-1	ug/L	7/10/2017	J	3.84
MW-32R	d	Acetone	67-64-1	ug/L	7/10/2017	J	3.19
MW-33R	d	Acetone	67-64-1	ug/L	7/10/2017	J	2.25
MW-57	d	Acetone	67-64-1	ug/L	7/10/2017	J	4.08
MW-58	d	Acetone	67-64-1	ug/L	7/10/2017		12.2
MW-52	d	Acetone	67-64-1	ug/L	10/17/2017	J	3.16
MW-55	d	Acetone	67-64-1	ug/L	10/17/2017	J	2.68

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
GU-3A	d	Acetone	67-64-1	ug/L	4/3/2018	J	5.72
GU-3A	d	Acetone	67-64-1	ug/L	4/3/2018	J	8.11
MW-14R	d	Acetone	67-64-1	ug/L	4/3/2018	ND	
MW-20	d	Acetone	67-64-1	ug/L	4/3/2018	ND	
MW-21	d	Acetone	67-64-1	ug/L	4/3/2018	J	2.72
MW-29	d	Acetone	67-64-1	ug/L	4/3/2018	J	3.54
MW-30R	d	Acetone	67-64-1	ug/L	4/3/2018	ND	
MW-31R	d	Acetone	67-64-1	ug/L	4/3/2018	ND	
MW-32R	d	Acetone	67-64-1	ug/L	4/3/2018	ND	
MW-33R	d	Acetone	67-64-1	ug/L	4/3/2018	J	1.92
MW-33R	d	Acetone	67-64-1	ug/L	4/3/2018	ND	
MW-57	d	Acetone	67-64-1	ug/L	4/3/2018	J	2.99
MW-58	d	Acetone	67-64-1	ug/L	4/3/2018	J	3.73
MW-39	d	Acetone	67-64-1	ug/L	11/1/2018	ND	
MW-50	d	Acetone	67-64-1	ug/L	11/1/2018	ND	
MW-51	d	Acetone	67-64-1	ug/L	11/1/2018	ND	
MW-52	d	Acetone	67-64-1	ug/L	11/1/2018	ND	
MW-53	d	Acetone	67-64-1	ug/L	11/1/2018	ND	
MW-54	d	Acetone	67-64-1	ug/L	11/1/2018	ND	
MW-55	d	Acetone	67-64-1	ug/L	11/1/2018	ND	
MW-18	d	Acetone	67-64-1	ug/L	11/2/2018	ND	
MW-19	d	Acetone	67-64-1	ug/L	11/2/2018	ND	
MW-22R	d	Acetone	67-64-1	ug/L	11/2/2018	ND	
MW-28	d	Acetone	67-64-1	ug/L	11/2/2018	ND	
MW-56	d	Acetone	67-64-1	ug/L	11/2/2018	NDH	
MW-18	d	Acetone	67-64-1	ug/L	5/16/2019	ND	
MW-19	d	Acetone	67-64-1	ug/L	5/16/2019	ND	
MW-23	u	Acetone	67-64-1	ug/L	5/16/2019	J	5.29
MW-24R	u	Acetone	67-64-1	ug/L	5/16/2019	ND	
MW-28	d	Acetone	67-64-1	ug/L	5/16/2019	ND	
MW-55	d	Acetone	67-64-1	ug/L	5/16/2019	ND	
MW-50	d	Acetone	67-64-1	ug/L	5/20/2019	J	3.3
MW-51	d	Acetone	67-64-1	ug/L	5/20/2019	ND	
MW-52	d	Acetone	67-64-1	ug/L	5/20/2019	J	3.3
MW-54	d	Acetone	67-64-1	ug/L	5/20/2019	J	6.11
MW-56	d	Acetone	67-64-1	ug/L	5/20/2019		17.8
MW-53	d	Acetone	67-64-1	ug/L	5/21/2019	J	4.67
MW-14R	d	Acetone	67-64-1	ug/L	9/11/2019	ND	
MW-29	d	Acetone	67-64-1	ug/L	9/11/2019	ND	
MW-30R	d	Acetone	67-64-1	ug/L	9/11/2019	ND	
MW-33R	d	Acetone	67-64-1	ug/L	9/11/2019	ND	
MW-58	d	Acetone	67-64-1	ug/L	9/11/2019	ND	
GU-3A	d	Acetone	67-64-1	ug/L	3/16/2020		24.5
MW-33R	d	Acetone	67-64-1	ug/L	3/16/2020	ND	
MW-14R	d	Acetone	67-64-1	ug/L	3/17/2020	ND	
MW-29	d	Acetone	67-64-1	ug/L	3/17/2020	ND	
MW-30R	d	Acetone	67-64-1	ug/L	3/17/2020	ND	
MW-58	d	Acetone	67-64-1	ug/L	3/17/2020	ND	
MW-19	d	Acetone	67-64-1	ug/L	7/20/2020	ND	
MW-28	d	Acetone	67-64-1	ug/L	7/20/2020	ND	
MW-51	d	Acetone	67-64-1	ug/L	7/20/2020	J	6.66
MW-55	d	Acetone	67-64-1	ug/L	7/20/2020	ND	
MW-56	d	Acetone	67-64-1	ug/L	7/20/2020		42.2
MW-57R	d	Acetone	67-64-1	ug/L	7/20/2020	J	3.51
MW-73	d	Acetone	67-64-1	ug/L	7/20/2020	ND	
MW-18	d	Acetone	67-64-1	ug/L	7/21/2020	ND	
MW-50	d	Acetone	67-64-1	ug/L	7/21/2020	ND	
MW-52	d	Acetone	67-64-1	ug/L	7/21/2020	ND	
MW-53	d	Acetone	67-64-1	ug/L	7/21/2020	J	4.43
MW-54	d	Acetone	67-64-1	ug/L	7/21/2020	ND	
MW-23	u	Acetone	67-64-1	ug/L	7/22/2020	J	3.84
MW-24R	u	Acetone	67-64-1	ug/L	7/22/2020	ND	
MW-55	d	Acetone	67-64-1	ug/L	11/12/2020	ND	
MW-33R	d	Acetone	67-64-1	ug/L	8/24/2021		<10.0
MW-14R	d	Acetone	67-64-1	ug/L	8/24/2021		<10.0
MW-29	d	Acetone	67-64-1	ug/L	8/25/2021	J	3.89
MW-58	d	Acetone	67-64-1	ug/L	8/25/2021		<10.0
MW-30R	d	Acetone	67-64-1	ug/L	8/25/2021		<10.0
MW-68	d	Acetone	67-64-1	ug/L	8/25/2021		<10.0
MW-69	d	Acetone	67-64-1	ug/L	8/25/2021		<10.0
MW-70	d	Acetone	67-64-1	ug/L	8/26/2021		<10.0
MW-57R	d	Acetone	67-64-1	ug/L	8/26/2021		<10.0
PZ-13	d	Acetone	67-64-1	ug/L	8/27/2021		<10.0
MW-73	d	Acetone	67-64-1	ug/L	8/27/2021		<10.0
GU-3A	d	Acetone	67-64-1	ug/L	9/8/2021	J	3.32
MW-24R	u	Acetone	67-64-1	ug/L	12/7/2021		<10.0
MW-28	d	Acetone	67-64-1	ug/L	12/7/2021		<10.0
MW-57R	d	Acetone	67-64-1	ug/L	12/7/2021		<10.0
MW-73	d	Acetone	67-64-1	ug/L	12/7/2021		<10.0
MW-56	d	Acetone	67-64-1	ug/L	12/7/2021		<10.0
MW-19	d	Acetone	67-64-1	ug/L	12/7/2021		<10.0
MW-18	d	Acetone	67-64-1	ug/L	12/7/2021		<10.0
MW-55	d	Acetone	67-64-1	ug/L	12/7/2021		<10.0
MW-50	d	Acetone	67-64-1	ug/L	12/7/2021		<10.0
MW-23	u	Acetone	67-64-1	ug/L	12/8/2021		<10.0
MW-39	d	Acetone	67-64-1	ug/L	12/8/2021		<10.0
MW-51	d	Acetone	67-64-1	ug/L	12/8/2021		<10.0

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-52	d	Acetone	67-64-1	ug/L	12/8/2021		<10.0
MW-53	d	Acetone	67-64-1	ug/L	12/8/2021		<10.0
MW-54	d	Acetone	67-64-1	ug/L	12/8/2021		<10.0
MW-39	d	Acetonitrile	75-05-8	ug/L	3/11/2013	ND	
MW-31R	d	Acetonitrile	75-05-8	ug/L	9/10/2013	ND	
MW-32R	d	Acetonitrile	75-05-8	ug/L	9/10/2013	J	378
MW-18	d	Acetonitrile	75-05-8	ug/L	12/18/2013	ND	
MW-20	d	Acetonitrile	75-05-8	ug/L	12/18/2013	ND	
MW-21	d	Acetonitrile	75-05-8	ug/L	12/18/2013	ND	
MW-22R	d	Acetonitrile	75-05-8	ug/L	12/18/2013	ND	
MW-30R	d	Acetonitrile	75-05-8	ug/L	12/18/2013	ND	
MW-18	d	Acetonitrile	75-05-8	ug/L	6/24/2014	ND	
MW-29	d	Acetonitrile	75-05-8	ug/L	7/24/2014	J	300
MW-57	d	Acetonitrile	75-05-8	ug/L	7/24/2014	J	1510
MW-58	d	Acetonitrile	75-05-8	ug/L	7/24/2014	J	5890
MW-33R	d	Acetonitrile	75-05-8	ug/L	9/24/2014	ND	
MW-50	d	Acetonitrile	75-05-8	ug/L	9/24/2014	ND	
MW-51	d	Acetonitrile	75-05-8	ug/L	9/24/2014	ND	
MW-52	d	Acetonitrile	75-05-8	ug/L	9/24/2014	ND	
MW-53	d	Acetonitrile	75-05-8	ug/L	9/24/2014	ND	
MW-54	d	Acetonitrile	75-05-8	ug/L	9/24/2014	ND	
MW-14R	d	Acetonitrile	75-05-8	ug/L	12/4/2014	ND	
MW-19	d	Acetonitrile	75-05-8	ug/L	12/4/2014	ND	
MW-28	d	Acetonitrile	75-05-8	ug/L	12/4/2014	ND	
MW-56	d	Acetonitrile	75-05-8	ug/L	12/4/2014	ND	
MW-55	d	Acetonitrile	75-05-8	ug/L	3/11/2015	ND	
MW-20	d	Acetonitrile	75-05-8	ug/L	4/3/2018	ND	
MW-21	d	Acetonitrile	75-05-8	ug/L	4/3/2018	ND	
MW-30R	d	Acetonitrile	75-05-8	ug/L	4/3/2018	ND	
MW-31R	d	Acetonitrile	75-05-8	ug/L	4/3/2018	ND	
MW-32R	d	Acetonitrile	75-05-8	ug/L	4/3/2018	ND	
MW-39	d	Acetonitrile	75-05-8	ug/L	11/1/2018	ND	
MW-22R	d	Acetonitrile	75-05-8	ug/L	11/2/2018	ND	
MW-18	d	Acetonitrile	75-05-8	ug/L	5/16/2019	ND	
MW-19	d	Acetonitrile	75-05-8	ug/L	5/16/2019	ND	
MW-28	d	Acetonitrile	75-05-8	ug/L	5/16/2019	ND	
MW-50	d	Acetonitrile	75-05-8	ug/L	5/20/2019	ND	
MW-51	d	Acetonitrile	75-05-8	ug/L	5/20/2019	ND	
MW-52	d	Acetonitrile	75-05-8	ug/L	5/20/2019	ND	
MW-54	d	Acetonitrile	75-05-8	ug/L	5/20/2019	ND	
MW-56	d	Acetonitrile	75-05-8	ug/L	5/20/2019	ND	
MW-53	d	Acetonitrile	75-05-8	ug/L	5/21/2019	ND	
MW-14R	d	Acetonitrile	75-05-8	ug/L	9/11/2019	ND	
MW-29	d	Acetonitrile	75-05-8	ug/L	9/11/2019	ND	
MW-33R	d	Acetonitrile	75-05-8	ug/L	9/11/2019	ND	
MW-58	d	Acetonitrile	75-05-8	ug/L	9/11/2019	ND	
MW-55	d	Acetonitrile	75-05-8	ug/L	11/12/2020	ND	
MW-39	d	Acetophenone	98-86-2	ug/L	3/11/2013	ND	
MW-31R	d	Acetophenone	98-86-2	ug/L	9/10/2013	ND	
MW-32R	d	Acetophenone	98-86-2	ug/L	9/10/2013	ND	
MW-18	d	Acetophenone	98-86-2	ug/L	12/18/2013	ND	
MW-20	d	Acetophenone	98-86-2	ug/L	12/18/2013	ND	
MW-21	d	Acetophenone	98-86-2	ug/L	12/18/2013	ND	
MW-22R	d	Acetophenone	98-86-2	ug/L	12/18/2013	ND	
MW-30R	d	Acetophenone	98-86-2	ug/L	12/18/2013	ND	
MW-18	d	Acetophenone	98-86-2	ug/L	6/24/2014	ND	
MW-29	d	Acetophenone	98-86-2	ug/L	7/24/2014	ND	
MW-57	d	Acetophenone	98-86-2	ug/L	7/24/2014	ND	
MW-58	d	Acetophenone	98-86-2	ug/L	7/24/2014	ND	
MW-33R	d	Acetophenone	98-86-2	ug/L	9/24/2014	ND	
MW-50	d	Acetophenone	98-86-2	ug/L	9/24/2014	ND	
MW-51	d	Acetophenone	98-86-2	ug/L	9/24/2014	ND	
MW-52	d	Acetophenone	98-86-2	ug/L	9/24/2014	ND	
MW-53	d	Acetophenone	98-86-2	ug/L	9/24/2014	ND	
MW-54	d	Acetophenone	98-86-2	ug/L	9/24/2014	ND	
MW-14R	d	Acetophenone	98-86-2	ug/L	12/4/2014	ND	
MW-19	d	Acetophenone	98-86-2	ug/L	12/4/2014	ND	
MW-28	d	Acetophenone	98-86-2	ug/L	12/4/2014	ND	
MW-56	d	Acetophenone	98-86-2	ug/L	12/4/2014	ND	
MW-55	d	Acetophenone	98-86-2	ug/L	3/11/2015	ND	
MW-20	d	Acetophenone	98-86-2	ug/L	4/3/2018	ND	
MW-21	d	Acetophenone	98-86-2	ug/L	4/3/2018	ND	
MW-30R	d	Acetophenone	98-86-2	ug/L	4/3/2018	ND	
MW-31R	d	Acetophenone	98-86-2	ug/L	4/3/2018	ND	
MW-32R	d	Acetophenone	98-86-2	ug/L	4/3/2018	ND	
MW-39	d	Acetophenone	98-86-2	ug/L	11/1/2018	ND	
MW-22R	d	Acetophenone	98-86-2	ug/L	11/2/2018	ND	
MW-18	d	Acetophenone	98-86-2	ug/L	5/16/2019	ND	
MW-19	d	Acetophenone	98-86-2	ug/L	5/16/2019	ND	
MW-28	d	Acetophenone	98-86-2	ug/L	5/16/2019	ND	
MW-50	d	Acetophenone	98-86-2	ug/L	5/20/2019	ND	
MW-51	d	Acetophenone	98-86-2	ug/L	5/20/2019	ND	
MW-52	d	Acetophenone	98-86-2	ug/L	5/20/2019	ND	
MW-53	d	Acetophenone	98-86-2	ug/L	5/20/2019	J	1.06
MW-54	d	Acetophenone	98-86-2	ug/L	5/20/2019	ND	
MW-56	d	Acetophenone	98-86-2	ug/L	5/20/2019	ND	
MW-14R	d	Acetophenone	98-86-2	ug/L	9/11/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Acetophenone	98-86-2	ug/L	9/11/2019	ND	
MW-33R	d	Acetophenone	98-86-2	ug/L	9/11/2019	ND	
MW-58	d	Acetophenone	98-86-2	ug/L	9/11/2019	ND	
MW-55	d	Acetophenone	98-86-2	ug/L	11/12/2020	ND	
MW-39	d	Acrolein	107-02-8	ug/L	3/11/2013	ND	
MW-31R	d	Acrolein	107-02-8	ug/L	9/10/2013	ND	
MW-32R	d	Acrolein	107-02-8	ug/L	9/10/2013	ND	
MW-18	d	Acrolein	107-02-8	ug/L	12/18/2013	ND	
MW-20	d	Acrolein	107-02-8	ug/L	12/18/2013	ND	
MW-21	d	Acrolein	107-02-8	ug/L	12/18/2013	ND	
MW-22R	d	Acrolein	107-02-8	ug/L	12/18/2013	ND	
MW-30R	d	Acrolein	107-02-8	ug/L	12/18/2013	ND	
MW-18	d	Acrolein	107-02-8	ug/L	6/24/2014	ND	
MW-29	d	Acrolein	107-02-8	ug/L	7/24/2014	ND	
MW-57	d	Acrolein	107-02-8	ug/L	7/24/2014	ND	
MW-58	d	Acrolein	107-02-8	ug/L	7/24/2014	ND	
MW-33R	d	Acrolein	107-02-8	ug/L	9/24/2014	ND	
MW-50	d	Acrolein	107-02-8	ug/L	9/24/2014	ND	
MW-51	d	Acrolein	107-02-8	ug/L	9/24/2014	ND	
MW-52	d	Acrolein	107-02-8	ug/L	9/24/2014	ND	
MW-53	d	Acrolein	107-02-8	ug/L	9/24/2014	ND	
MW-54	d	Acrolein	107-02-8	ug/L	9/24/2014	ND	
MW-14R	d	Acrolein	107-02-8	ug/L	12/4/2014	ND	
MW-19	d	Acrolein	107-02-8	ug/L	12/4/2014	ND	
MW-28	d	Acrolein	107-02-8	ug/L	12/4/2014	ND	
MW-56	d	Acrolein	107-02-8	ug/L	12/4/2014	ND	
MW-55	d	Acrolein	107-02-8	ug/L	3/11/2015	ND	
MW-20	d	Acrolein	107-02-8	ug/L	4/3/2018	ND	
MW-21	d	Acrolein	107-02-8	ug/L	4/3/2018	ND	
MW-30R	d	Acrolein	107-02-8	ug/L	4/3/2018	ND	
MW-31R	d	Acrolein	107-02-8	ug/L	4/3/2018	ND	
MW-32R	d	Acrolein	107-02-8	ug/L	4/3/2018	ND	
MW-39	d	Acrolein	107-02-8	ug/L	11/1/2018	ND	
MW-22R	d	Acrolein	107-02-8	ug/L	11/2/2018	ND	
MW-18	d	Acrolein	107-02-8	ug/L	5/16/2019	ND	
MW-19	d	Acrolein	107-02-8	ug/L	5/16/2019	ND	
MW-28	d	Acrolein	107-02-8	ug/L	5/16/2019	ND	
MW-50	d	Acrolein	107-02-8	ug/L	5/20/2019	ND	
MW-51	d	Acrolein	107-02-8	ug/L	5/20/2019	ND	
MW-52	d	Acrolein	107-02-8	ug/L	5/20/2019	ND	
MW-54	d	Acrolein	107-02-8	ug/L	5/20/2019	ND	
MW-56	d	Acrolein	107-02-8	ug/L	5/20/2019	ND	
MW-53	d	Acrolein	107-02-8	ug/L	5/21/2019	ND	
MW-14R	d	Acrolein	107-02-8	ug/L	9/11/2019	ND	
MW-29	d	Acrolein	107-02-8	ug/L	9/11/2019	ND	
MW-30R	d	Acrolein	107-02-8	ug/L	9/11/2019	ND	
MW-33R	d	Acrolein	107-02-8	ug/L	9/11/2019	ND	
MW-58	d	Acrolein	107-02-8	ug/L	9/11/2019	ND	
MW-55	d	Acrolein	107-02-8	ug/L	11/12/2020	ND	
MW-51	d	Acrylonitrile	107-13-1	ug/L	1/15/2010	ND	
MW-24R	u	Acrylonitrile	107-13-1	ug/L	2/11/2010	ND	
MW-53	d	Acrylonitrile	107-13-1	ug/L	2/11/2010	ND	
GU-3A	d	Acrylonitrile	107-13-1	ug/L	3/24/2010	ND	
MW-20	d	Acrylonitrile	107-13-1	ug/L	3/24/2010	ND	
MW-21	d	Acrylonitrile	107-13-1	ug/L	3/24/2010	ND	
MW-22R	d	Acrylonitrile	107-13-1	ug/L	3/24/2010	ND	
MW-52	d	Acrylonitrile	107-13-1	ug/L	3/24/2010	ND	
MW-54	d	Acrylonitrile	107-13-1	ug/L	3/24/2010	ND	
MW-55	d	Acrylonitrile	107-13-1	ug/L	3/24/2010	ND	
MW-28	d	Acrylonitrile	107-13-1	ug/L	4/9/2010	ND	
MW-33R	d	Acrylonitrile	107-13-1	ug/L	4/9/2010	ND	
MW-50	d	Acrylonitrile	107-13-1	ug/L	4/9/2010	ND	
MW-56	d	Acrylonitrile	107-13-1	ug/L	4/9/2010	ND	
MW-57	d	Acrylonitrile	107-13-1	ug/L	4/9/2010	ND	
MW-58	d	Acrylonitrile	107-13-1	ug/L	4/9/2010	ND	
MW-32R	d	Acrylonitrile	107-13-1	ug/L	5/18/2010	ND	
MW-14R	d	Acrylonitrile	107-13-1	ug/L	6/17/2010	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	6/17/2010	ND	
MW-29	d	Acrylonitrile	107-13-1	ug/L	6/17/2010	ND	
MW-30R	d	Acrylonitrile	107-13-1	ug/L	6/17/2010	ND	
MW-31R	d	Acrylonitrile	107-13-1	ug/L	6/17/2010	ND	
MW-51	d	Acrylonitrile	107-13-1	ug/L	6/17/2010	ND	
MW-21	d	Acrylonitrile	107-13-1	ug/L	7/21/2010	ND	
MW-54	d	Acrylonitrile	107-13-1	ug/L	7/21/2010	ND	
MW-20	d	Acrylonitrile	107-13-1	ug/L	8/17/2010	ND	
MW-29	d	Acrylonitrile	107-13-1	ug/L	8/17/2010	ND	
MW-39	d	Acrylonitrile	107-13-1	ug/L	8/17/2010	ND	
MW-51	d	Acrylonitrile	107-13-1	ug/L	8/17/2010	ND	
GU-3A	d	Acrylonitrile	107-13-1	ug/L	9/17/2010	ND	
MW-22R	d	Acrylonitrile	107-13-1	ug/L	9/17/2010	ND	
MW-55	d	Acrylonitrile	107-13-1	ug/L	9/17/2010	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	10/22/2010	ND	
MW-24R	u	Acrylonitrile	107-13-1	ug/L	10/22/2010	ND	
MW-30R	d	Acrylonitrile	107-13-1	ug/L	10/22/2010	ND	
MW-31R	d	Acrylonitrile	107-13-1	ug/L	10/22/2010	ND	
MW-50	d	Acrylonitrile	107-13-1	ug/L	10/22/2010	ND	
MW-53	d	Acrylonitrile	107-13-1	ug/L	10/22/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	Acrylonitrile	107-13-1	ug/L	10/22/2010	ND	
MW-58	d	Acrylonitrile	107-13-1	ug/L	10/22/2010	ND	
MW-14R	d	Acrylonitrile	107-13-1	ug/L	11/8/2010	ND	
MW-32R	d	Acrylonitrile	107-13-1	ug/L	11/8/2010	ND	
MW-57	d	Acrylonitrile	107-13-1	ug/L	11/8/2010	ND	
MW-28	d	Acrylonitrile	107-13-1	ug/L	12/15/2010	ND	
MW-33R	d	Acrylonitrile	107-13-1	ug/L	12/15/2010	ND	
MW-52	d	Acrylonitrile	107-13-1	ug/L	12/15/2010	ND	
MW-54	d	Acrylonitrile	107-13-1	ug/L	1/12/2011	ND	
MW-54	d	Acrylonitrile	107-13-1	ug/L	1/12/2011	ND	
MW-20	d	Acrylonitrile	107-13-1	ug/L	2/22/2011	ND	
MW-22R	d	Acrylonitrile	107-13-1	ug/L	2/22/2011	ND	
MW-51	d	Acrylonitrile	107-13-1	ug/L	2/22/2011	ND	
MW-52	d	Acrylonitrile	107-13-1	ug/L	2/22/2011	ND	
MW-53	d	Acrylonitrile	107-13-1	ug/L	2/22/2011	ND	
MW-55	d	Acrylonitrile	107-13-1	ug/L	2/22/2011	ND	
GU-3A	d	Acrylonitrile	107-13-1	ug/L	3/2/2011	ND	
MW-21	d	Acrylonitrile	107-13-1	ug/L	3/2/2011	ND	
MW-21	d	Acrylonitrile	107-13-1	ug/L	3/2/2011	ND	
MW-29	d	Acrylonitrile	107-13-1	ug/L	4/21/2011	ND	
MW-30R	d	Acrylonitrile	107-13-1	ug/L	4/21/2011	ND	
MW-31R	d	Acrylonitrile	107-13-1	ug/L	4/21/2011	ND	
MW-31R	d	Acrylonitrile	107-13-1	ug/L	4/21/2011	ND	
MW-32R	d	Acrylonitrile	107-13-1	ug/L	4/21/2011	ND	
MW-54	d	Acrylonitrile	107-13-1	ug/L	5/31/2011	ND	
MW-56	d	Acrylonitrile	107-13-1	ug/L	5/31/2011	ND	
MW-57	d	Acrylonitrile	107-13-1	ug/L	5/31/2011	ND	
MW-58	d	Acrylonitrile	107-13-1	ug/L	5/31/2011	ND	
MW-14R	d	Acrylonitrile	107-13-1	ug/L	6/7/2011	ND	
MW-14R	d	Acrylonitrile	107-13-1	ug/L	6/7/2011	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	6/7/2011	ND	
MW-28	d	Acrylonitrile	107-13-1	ug/L	6/7/2011	ND	
MW-33R	d	Acrylonitrile	107-13-1	ug/L	6/7/2011	ND	
MW-39	d	Acrylonitrile	107-13-1	ug/L	6/7/2011	ND	
MW-50	d	Acrylonitrile	107-13-1	ug/L	6/7/2011	ND	
MW-52	d	Acrylonitrile	107-13-1	ug/L	7/22/2011	ND	
MW-56	d	Acrylonitrile	107-13-1	ug/L	7/22/2011	ND	
MW-58	d	Acrylonitrile	107-13-1	ug/L	7/22/2011	ND	
MW-14R	d	Acrylonitrile	107-13-1	ug/L	8/29/2011	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	8/29/2011	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	8/29/2011	ND	
MW-32R	d	Acrylonitrile	107-13-1	ug/L	8/29/2011	ND	
GU-3A	d	Acrylonitrile	107-13-1	ug/L	9/9/2011	ND	
MW-22R	d	Acrylonitrile	107-13-1	ug/L	9/9/2011	ND	
MW-28	d	Acrylonitrile	107-13-1	ug/L	9/9/2011	ND	
MW-29	d	Acrylonitrile	107-13-1	ug/L	9/9/2011	ND	
MW-51	d	Acrylonitrile	107-13-1	ug/L	9/9/2011	ND	
MW-53	d	Acrylonitrile	107-13-1	ug/L	9/9/2011	ND	
MW-53	d	Acrylonitrile	107-13-1	ug/L	9/9/2011	ND	
MW-21	d	Acrylonitrile	107-13-1	ug/L	10/4/2011	ND	
MW-50	d	Acrylonitrile	107-13-1	ug/L	10/4/2011	ND	
MW-50	d	Acrylonitrile	107-13-1	ug/L	10/4/2011	ND	
MW-54	d	Acrylonitrile	107-13-1	ug/L	10/4/2011	ND	
MW-57	d	Acrylonitrile	107-13-1	ug/L	10/4/2011	ND	
MW-20	d	Acrylonitrile	107-13-1	ug/L	11/29/2011	ND	
MW-30R	d	Acrylonitrile	107-13-1	ug/L	11/29/2011	ND	
MW-52	d	Acrylonitrile	107-13-1	ug/L	11/29/2011	ND	
MW-55	d	Acrylonitrile	107-13-1	ug/L	11/29/2011	ND	
MW-31R	d	Acrylonitrile	107-13-1	ug/L	12/16/2011	ND	
MW-33R	d	Acrylonitrile	107-13-1	ug/L	12/16/2011	ND	
MW-39	d	Acrylonitrile	107-13-1	ug/L	12/16/2011	ND	
MW-14R	d	Acrylonitrile	107-13-1	ug/L	3/8/2012	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	3/8/2012	ND	
MW-20	d	Acrylonitrile	107-13-1	ug/L	3/8/2012	ND	
MW-21	d	Acrylonitrile	107-13-1	ug/L	3/8/2012	ND	
MW-22R	d	Acrylonitrile	107-13-1	ug/L	3/8/2012	ND	
MW-28	d	Acrylonitrile	107-13-1	ug/L	3/8/2012	ND	
MW-39	d	Acrylonitrile	107-13-1	ug/L	3/8/2012	ND	
MW-55	d	Acrylonitrile	107-13-1	ug/L	3/8/2012	ND	
MW-56	d	Acrylonitrile	107-13-1	ug/L	3/8/2012	ND	
MW-57	d	Acrylonitrile	107-13-1	ug/L	3/8/2012	ND	
MW-58	d	Acrylonitrile	107-13-1	ug/L	3/8/2012	ND	
GU-3A	d	Acrylonitrile	107-13-1	ug/L	6/13/2012	ND	
MW-29	d	Acrylonitrile	107-13-1	ug/L	6/13/2012	ND	
MW-30R	d	Acrylonitrile	107-13-1	ug/L	6/13/2012	ND	
MW-31R	d	Acrylonitrile	107-13-1	ug/L	6/13/2012	ND	
MW-32R	d	Acrylonitrile	107-13-1	ug/L	6/13/2012	ND	
MW-33R	d	Acrylonitrile	107-13-1	ug/L	6/13/2012	ND	
MW-50	d	Acrylonitrile	107-13-1	ug/L	6/13/2012	ND	
MW-50	d	Acrylonitrile	107-13-1	ug/L	6/13/2012	ND	
MW-51	d	Acrylonitrile	107-13-1	ug/L	6/13/2012	ND	
MW-52	d	Acrylonitrile	107-13-1	ug/L	6/13/2012	ND	
MW-53	d	Acrylonitrile	107-13-1	ug/L	6/13/2012	ND	
MW-54	d	Acrylonitrile	107-13-1	ug/L	6/13/2012	ND	
GU-3A	d	Acrylonitrile	107-13-1	ug/L	9/4/2012	ND	
MW-20	d	Acrylonitrile	107-13-1	ug/L	9/4/2012	ND	
MW-21	d	Acrylonitrile	107-13-1	ug/L	9/4/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-22R	d	Acrylonitrile	107-13-1	ug/L	9/4/2012	ND	
MW-50	d	Acrylonitrile	107-13-1	ug/L	9/4/2012	ND	
MW-51	d	Acrylonitrile	107-13-1	ug/L	9/4/2012	ND	
MW-52	d	Acrylonitrile	107-13-1	ug/L	9/4/2012	ND	
MW-53	d	Acrylonitrile	107-13-1	ug/L	9/4/2012	ND	
MW-54	d	Acrylonitrile	107-13-1	ug/L	9/4/2012	ND	
MW-54	d	Acrylonitrile	107-13-1	ug/L	9/4/2012	ND	
MW-57	d	Acrylonitrile	107-13-1	ug/L	9/4/2012	ND	
MW-58	d	Acrylonitrile	107-13-1	ug/L	9/4/2012	ND	
MW-14R	d	Acrylonitrile	107-13-1	ug/L	12/19/2012	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	12/19/2012	ND	
MW-28	d	Acrylonitrile	107-13-1	ug/L	12/19/2012	ND	
MW-29	d	Acrylonitrile	107-13-1	ug/L	12/19/2012	ND	
MW-30R	d	Acrylonitrile	107-13-1	ug/L	12/19/2012	ND	
MW-31R	d	Acrylonitrile	107-13-1	ug/L	12/19/2012	ND	
MW-32R	d	Acrylonitrile	107-13-1	ug/L	12/19/2012	ND	
MW-33R	d	Acrylonitrile	107-13-1	ug/L	12/19/2012	ND	
MW-33R	d	Acrylonitrile	107-13-1	ug/L	12/19/2012	ND	
MW-39	d	Acrylonitrile	107-13-1	ug/L	12/19/2012	ND	
MW-55	d	Acrylonitrile	107-13-1	ug/L	12/19/2012	ND	
MW-56	d	Acrylonitrile	107-13-1	ug/L	12/19/2012	ND	
MW-14R	d	Acrylonitrile	107-13-1	ug/L	3/11/2013	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	3/11/2013	ND	
MW-28	d	Acrylonitrile	107-13-1	ug/L	3/11/2013	ND	
MW-39	d	Acrylonitrile	107-13-1	ug/L	3/11/2013	ND	
MW-50	d	Acrylonitrile	107-13-1	ug/L	3/11/2013	ND	
MW-50	d	Acrylonitrile	107-13-1	ug/L	3/11/2013	ND	
MW-51	d	Acrylonitrile	107-13-1	ug/L	3/11/2013	ND	
MW-52	d	Acrylonitrile	107-13-1	ug/L	3/11/2013	ND	
MW-53	d	Acrylonitrile	107-13-1	ug/L	3/11/2013	ND	
MW-54	d	Acrylonitrile	107-13-1	ug/L	3/11/2013	ND	
MW-55	d	Acrylonitrile	107-13-1	ug/L	3/11/2013	ND	
MW-56	d	Acrylonitrile	107-13-1	ug/L	3/11/2013	ND	
MW-20	d	Acrylonitrile	107-13-1	ug/L	6/10/2013	ND	
MW-20	d	Acrylonitrile	107-13-1	ug/L	6/10/2013	ND	
MW-21	d	Acrylonitrile	107-13-1	ug/L	6/10/2013	ND	
MW-22R	d	Acrylonitrile	107-13-1	ug/L	6/10/2013	ND	
MW-29	d	Acrylonitrile	107-13-1	ug/L	6/10/2013	ND	
MW-30R	d	Acrylonitrile	107-13-1	ug/L	6/10/2013	ND	
MW-31R	d	Acrylonitrile	107-13-1	ug/L	6/10/2013	ND	
MW-32R	d	Acrylonitrile	107-13-1	ug/L	6/10/2013	ND	
MW-33R	d	Acrylonitrile	107-13-1	ug/L	6/10/2013	ND	
MW-57	d	Acrylonitrile	107-13-1	ug/L	6/10/2013	ND	
MW-58	d	Acrylonitrile	107-13-1	ug/L	6/10/2013	ND	
GU-3A	d	Acrylonitrile	107-13-1	ug/L	9/10/2013	ND	
MW-31R	d	Acrylonitrile	107-13-1	ug/L	9/10/2013	ND	
MW-31R	d	Acrylonitrile	107-13-1	ug/L	9/10/2013	ND	
MW-32R	d	Acrylonitrile	107-13-1	ug/L	9/10/2013	ND	
MW-33R	d	Acrylonitrile	107-13-1	ug/L	9/10/2013	ND	
MW-50	d	Acrylonitrile	107-13-1	ug/L	9/10/2013	ND	
MW-51	d	Acrylonitrile	107-13-1	ug/L	9/10/2013	ND	
MW-52	d	Acrylonitrile	107-13-1	ug/L	9/10/2013	ND	
MW-53	d	Acrylonitrile	107-13-1	ug/L	9/10/2013	ND	
MW-54	d	Acrylonitrile	107-13-1	ug/L	9/10/2013	ND	
MW-14R	d	Acrylonitrile	107-13-1	ug/L	12/18/2013	ND	
MW-18	d	Acrylonitrile	107-13-1	ug/L	12/18/2013	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	12/18/2013	ND	
MW-20	d	Acrylonitrile	107-13-1	ug/L	12/18/2013	ND	
MW-21	d	Acrylonitrile	107-13-1	ug/L	12/18/2013	ND	
MW-22R	d	Acrylonitrile	107-13-1	ug/L	12/18/2013	ND	
MW-28	d	Acrylonitrile	107-13-1	ug/L	12/18/2013	ND	
MW-30R	d	Acrylonitrile	107-13-1	ug/L	12/18/2013	ND	
MW-39	d	Acrylonitrile	107-13-1	ug/L	12/18/2013	ND	
MW-39	d	Acrylonitrile	107-13-1	ug/L	12/18/2013	ND	
MW-55	d	Acrylonitrile	107-13-1	ug/L	12/18/2013	ND	
MW-18	d	Acrylonitrile	107-13-1	ug/L	3/20/2014	ND	
MW-20	d	Acrylonitrile	107-13-1	ug/L	3/20/2014	ND	
MW-21	d	Acrylonitrile	107-13-1	ug/L	3/20/2014	ND	
MW-21	d	Acrylonitrile	107-13-1	ug/L	3/20/2014	ND	
MW-22R	d	Acrylonitrile	107-13-1	ug/L	3/20/2014	ND	
MW-30R	d	Acrylonitrile	107-13-1	ug/L	3/20/2014	ND	
MW-31R	d	Acrylonitrile	107-13-1	ug/L	3/20/2014	ND	
MW-32R	d	Acrylonitrile	107-13-1	ug/L	3/20/2014	ND	
MW-33R	d	Acrylonitrile	107-13-1	ug/L	3/20/2014	ND	
MW-14R	d	Acrylonitrile	107-13-1	ug/L	6/24/2014	ND	
MW-14R	d	Acrylonitrile	107-13-1	ug/L	6/24/2014	ND	
MW-18	d	Acrylonitrile	107-13-1	ug/L	6/24/2014	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	6/24/2014	ND	
MW-28	d	Acrylonitrile	107-13-1	ug/L	6/24/2014	ND	
MW-39	d	Acrylonitrile	107-13-1	ug/L	6/24/2014	ND	
MW-50	d	Acrylonitrile	107-13-1	ug/L	6/24/2014	ND	
MW-51	d	Acrylonitrile	107-13-1	ug/L	6/24/2014	ND	
MW-52	d	Acrylonitrile	107-13-1	ug/L	6/24/2014	ND	
MW-53	d	Acrylonitrile	107-13-1	ug/L	6/24/2014	ND	
MW-54	d	Acrylonitrile	107-13-1	ug/L	6/24/2014	ND	
MW-55	d	Acrylonitrile	107-13-1	ug/L	6/24/2014	ND	
MW-58	d	Acrylonitrile	107-13-1	ug/L	6/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Acrylonitrile	107-13-1	ug/L	7/24/2014	ND	
MW-56	d	Acrylonitrile	107-13-1	ug/L	7/24/2014	ND	
MW-57	d	Acrylonitrile	107-13-1	ug/L	7/24/2014	ND	
GU-3A	d	Acrylonitrile	107-13-1	ug/L	9/24/2014	ND	
MW-18	d	Acrylonitrile	107-13-1	ug/L	9/24/2014	ND	
MW-29	d	Acrylonitrile	107-13-1	ug/L	9/24/2014	ND	
MW-30R	d	Acrylonitrile	107-13-1	ug/L	9/24/2014	ND	
MW-31R	d	Acrylonitrile	107-13-1	ug/L	9/24/2014	ND	
MW-31R	d	Acrylonitrile	107-13-1	ug/L	9/24/2014	ND	
MW-32R	d	Acrylonitrile	107-13-1	ug/L	9/24/2014	ND	
MW-33R	d	Acrylonitrile	107-13-1	ug/L	9/24/2014	ND	
MW-50	d	Acrylonitrile	107-13-1	ug/L	9/24/2014	ND	
MW-51	d	Acrylonitrile	107-13-1	ug/L	9/24/2014	ND	
MW-52	d	Acrylonitrile	107-13-1	ug/L	9/24/2014	ND	
MW-53	d	Acrylonitrile	107-13-1	ug/L	9/24/2014	ND	
MW-54	d	Acrylonitrile	107-13-1	ug/L	9/24/2014	ND	
MW-14R	d	Acrylonitrile	107-13-1	ug/L	12/4/2014	ND	
MW-18	d	Acrylonitrile	107-13-1	ug/L	12/4/2014	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	12/4/2014	ND	
MW-20	d	Acrylonitrile	107-13-1	ug/L	12/4/2014	ND	
MW-21	d	Acrylonitrile	107-13-1	ug/L	12/4/2014	ND	
MW-22R	d	Acrylonitrile	107-13-1	ug/L	12/4/2014	ND	
MW-28	d	Acrylonitrile	107-13-1	ug/L	12/4/2014	ND	
MW-39	d	Acrylonitrile	107-13-1	ug/L	12/4/2014	ND	
MW-56	d	Acrylonitrile	107-13-1	ug/L	12/4/2014	ND	
MW-57	d	Acrylonitrile	107-13-1	ug/L	12/4/2014	ND	
MW-57	d	Acrylonitrile	107-13-1	ug/L	12/4/2014	ND	
MW-58	d	Acrylonitrile	107-13-1	ug/L	12/4/2014	ND	
MW-14R	d	Acrylonitrile	107-13-1	ug/L	3/11/2015	ND	
MW-18	d	Acrylonitrile	107-13-1	ug/L	3/11/2015	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	3/11/2015	ND	
MW-20	d	Acrylonitrile	107-13-1	ug/L	3/11/2015	ND	
MW-21	d	Acrylonitrile	107-13-1	ug/L	3/11/2015	ND	
MW-22R	d	Acrylonitrile	107-13-1	ug/L	3/11/2015	ND	
MW-28	d	Acrylonitrile	107-13-1	ug/L	3/11/2015	ND	
MW-39	d	Acrylonitrile	107-13-1	ug/L	3/11/2015	ND	
MW-55	d	Acrylonitrile	107-13-1	ug/L	3/11/2015	ND	
MW-56	d	Acrylonitrile	107-13-1	ug/L	3/11/2015	ND	
MW-57	d	Acrylonitrile	107-13-1	ug/L	3/11/2015	ND	
MW-58	d	Acrylonitrile	107-13-1	ug/L	3/11/2015	ND	
MW-58	d	Acrylonitrile	107-13-1	ug/L	3/11/2015	ND	
MW-29	d	Acrylonitrile	107-13-1	ug/L	6/29/2015	ND	
MW-30R	d	Acrylonitrile	107-13-1	ug/L	6/29/2015	ND	
MW-31R	d	Acrylonitrile	107-13-1	ug/L	6/29/2015	ND	
MW-31R	d	Acrylonitrile	107-13-1	ug/L	6/29/2015	ND	
MW-32R	d	Acrylonitrile	107-13-1	ug/L	6/29/2015	ND	
MW-33R	d	Acrylonitrile	107-13-1	ug/L	6/29/2015	ND	
MW-50	d	Acrylonitrile	107-13-1	ug/L	6/29/2015	ND	
MW-51	d	Acrylonitrile	107-13-1	ug/L	6/29/2015	ND	
MW-52	d	Acrylonitrile	107-13-1	ug/L	6/29/2015	ND	
MW-53	d	Acrylonitrile	107-13-1	ug/L	6/29/2015	ND	
MW-54	d	Acrylonitrile	107-13-1	ug/L	6/29/2015	ND	
GU-3A	d	Acrylonitrile	107-13-1	ug/L	9/22/2015	ND	
MW-14R	d	Acrylonitrile	107-13-1	ug/L	2/15/2016	ND	
MW-14R	d	Acrylonitrile	107-13-1	ug/L	2/15/2016	ND	
MW-18	d	Acrylonitrile	107-13-1	ug/L	2/15/2016	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	2/15/2016	ND	
MW-39	d	Acrylonitrile	107-13-1	ug/L	2/15/2016	ND	
MW-20	d	Acrylonitrile	107-13-1	ug/L	2/16/2016	ND	
MW-21	d	Acrylonitrile	107-13-1	ug/L	2/16/2016	ND	
MW-55	d	Acrylonitrile	107-13-1	ug/L	2/16/2016	ND	
MW-56	d	Acrylonitrile	107-13-1	ug/L	2/16/2016	ND	
MW-57	d	Acrylonitrile	107-13-1	ug/L	2/16/2016	ND	
MW-58	d	Acrylonitrile	107-13-1	ug/L	2/16/2016	ND	
MW-22R	d	Acrylonitrile	107-13-1	ug/L	2/17/2016	ND	
MW-28	d	Acrylonitrile	107-13-1	ug/L	8/25/2016	ND	
MW-29	d	Acrylonitrile	107-13-1	ug/L	8/25/2016	ND	
MW-30R	d	Acrylonitrile	107-13-1	ug/L	8/25/2016	ND	
MW-31R	d	Acrylonitrile	107-13-1	ug/L	8/25/2016	ND	
MW-32R	d	Acrylonitrile	107-13-1	ug/L	8/25/2016	ND	
MW-33R	d	Acrylonitrile	107-13-1	ug/L	8/25/2016	ND	
MW-50	d	Acrylonitrile	107-13-1	ug/L	8/25/2016	ND	
MW-51	d	Acrylonitrile	107-13-1	ug/L	8/25/2016	ND	
MW-52	d	Acrylonitrile	107-13-1	ug/L	8/25/2016	ND	
MW-53	d	Acrylonitrile	107-13-1	ug/L	8/25/2016	ND	
MW-54	d	Acrylonitrile	107-13-1	ug/L	8/25/2016	ND	
GU-3A	d	Acrylonitrile	107-13-1	ug/L	8/26/2016	ND	
MW-18	d	Acrylonitrile	107-13-1	ug/L	1/17/2017	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	1/17/2017	ND	
MW-22R	d	Acrylonitrile	107-13-1	ug/L	1/17/2017	ND	
MW-28	d	Acrylonitrile	107-13-1	ug/L	1/17/2017	ND	
MW-28	d	Acrylonitrile	107-13-1	ug/L	1/17/2017	ND	
MW-39	d	Acrylonitrile	107-13-1	ug/L	1/17/2017	ND	
MW-50	d	Acrylonitrile	107-13-1	ug/L	1/17/2017	ND	
MW-51	d	Acrylonitrile	107-13-1	ug/L	1/17/2017	ND	
MW-53	d	Acrylonitrile	107-13-1	ug/L	1/17/2017	ND	
MW-54	d	Acrylonitrile	107-13-1	ug/L	1/17/2017	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	Acrylonitrile	107-13-1	ug/L	1/17/2017	ND	
GU-3A	d	Acrylonitrile	107-13-1	ug/L	7/10/2017	ND	
MW-14R	d	Acrylonitrile	107-13-1	ug/L	7/10/2017	ND	
MW-20	d	Acrylonitrile	107-13-1	ug/L	7/10/2017	ND	
MW-21	d	Acrylonitrile	107-13-1	ug/L	7/10/2017	ND	
MW-29	d	Acrylonitrile	107-13-1	ug/L	7/10/2017	ND	
MW-30R	d	Acrylonitrile	107-13-1	ug/L	7/10/2017	ND	
MW-31R	d	Acrylonitrile	107-13-1	ug/L	7/10/2017	ND	
MW-32R	d	Acrylonitrile	107-13-1	ug/L	7/10/2017	ND	
MW-32R	d	Acrylonitrile	107-13-1	ug/L	7/10/2017	ND	
MW-33R	d	Acrylonitrile	107-13-1	ug/L	7/10/2017	ND	
MW-57	d	Acrylonitrile	107-13-1	ug/L	7/10/2017	ND	
MW-58	d	Acrylonitrile	107-13-1	ug/L	7/10/2017	ND	
MW-52	d	Acrylonitrile	107-13-1	ug/L	10/17/2017	ND	
MW-55	d	Acrylonitrile	107-13-1	ug/L	10/17/2017	ND	
GU-3A	d	Acrylonitrile	107-13-1	ug/L	4/3/2018	ND	
GU-3A	d	Acrylonitrile	107-13-1	ug/L	4/3/2018	ND	
MW-14R	d	Acrylonitrile	107-13-1	ug/L	4/3/2018	ND	
MW-20	d	Acrylonitrile	107-13-1	ug/L	4/3/2018	ND	
MW-21	d	Acrylonitrile	107-13-1	ug/L	4/3/2018	ND	
MW-29	d	Acrylonitrile	107-13-1	ug/L	4/3/2018	ND	
MW-30R	d	Acrylonitrile	107-13-1	ug/L	4/3/2018	ND	
MW-31R	d	Acrylonitrile	107-13-1	ug/L	4/3/2018	ND	
MW-32R	d	Acrylonitrile	107-13-1	ug/L	4/3/2018	ND	
MW-33R	d	Acrylonitrile	107-13-1	ug/L	4/3/2018	ND	
MW-33R	d	Acrylonitrile	107-13-1	ug/L	4/3/2018	ND	
MW-57	d	Acrylonitrile	107-13-1	ug/L	4/3/2018	ND	
MW-58	d	Acrylonitrile	107-13-1	ug/L	4/3/2018	ND	
MW-39	d	Acrylonitrile	107-13-1	ug/L	11/1/2018	ND	
MW-50	d	Acrylonitrile	107-13-1	ug/L	11/1/2018	ND	
MW-51	d	Acrylonitrile	107-13-1	ug/L	11/1/2018	ND	
MW-52	d	Acrylonitrile	107-13-1	ug/L	11/1/2018	ND	
MW-53	d	Acrylonitrile	107-13-1	ug/L	11/1/2018	ND	
MW-54	d	Acrylonitrile	107-13-1	ug/L	11/1/2018	ND	
MW-55	d	Acrylonitrile	107-13-1	ug/L	11/1/2018	ND	
MW-18	d	Acrylonitrile	107-13-1	ug/L	11/2/2018	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	11/2/2018	ND	
MW-22R	d	Acrylonitrile	107-13-1	ug/L	11/2/2018	ND	
MW-28	d	Acrylonitrile	107-13-1	ug/L	11/2/2018	ND	
MW-56	d	Acrylonitrile	107-13-1	ug/L	11/2/2018	NDH	
MW-18	d	Acrylonitrile	107-13-1	ug/L	5/16/2019	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	5/16/2019	ND	
MW-23	u	Acrylonitrile	107-13-1	ug/L	5/16/2019	ND	
MW-24R	u	Acrylonitrile	107-13-1	ug/L	5/16/2019	ND	
MW-28	d	Acrylonitrile	107-13-1	ug/L	5/16/2019	ND	
MW-55	d	Acrylonitrile	107-13-1	ug/L	5/16/2019	ND	
MW-50	d	Acrylonitrile	107-13-1	ug/L	5/20/2019	ND	
MW-51	d	Acrylonitrile	107-13-1	ug/L	5/20/2019	ND	
MW-52	d	Acrylonitrile	107-13-1	ug/L	5/20/2019	ND	
MW-54	d	Acrylonitrile	107-13-1	ug/L	5/20/2019	ND	
MW-56	d	Acrylonitrile	107-13-1	ug/L	5/20/2019	ND	
MW-53	d	Acrylonitrile	107-13-1	ug/L	5/21/2019	ND	
MW-14R	d	Acrylonitrile	107-13-1	ug/L	9/11/2019	ND	
MW-29	d	Acrylonitrile	107-13-1	ug/L	9/11/2019	ND	
MW-30R	d	Acrylonitrile	107-13-1	ug/L	9/11/2019	ND	
MW-33R	d	Acrylonitrile	107-13-1	ug/L	9/11/2019	ND	
MW-58	d	Acrylonitrile	107-13-1	ug/L	9/11/2019	ND	
GU-3A	d	Acrylonitrile	107-13-1	ug/L	3/16/2020	ND	
MW-33R	d	Acrylonitrile	107-13-1	ug/L	3/16/2020	ND	
MW-14R	d	Acrylonitrile	107-13-1	ug/L	3/17/2020	ND	
MW-29	d	Acrylonitrile	107-13-1	ug/L	3/17/2020	ND	
MW-30R	d	Acrylonitrile	107-13-1	ug/L	3/17/2020	ND	
MW-58	d	Acrylonitrile	107-13-1	ug/L	3/17/2020	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	7/20/2020	ND	
MW-28	d	Acrylonitrile	107-13-1	ug/L	7/20/2020	ND	
MW-51	d	Acrylonitrile	107-13-1	ug/L	7/20/2020	ND	
MW-55	d	Acrylonitrile	107-13-1	ug/L	7/20/2020	ND	
MW-56	d	Acrylonitrile	107-13-1	ug/L	7/20/2020	ND	
MW-57R	d	Acrylonitrile	107-13-1	ug/L	7/20/2020	ND	
MW-73	d	Acrylonitrile	107-13-1	ug/L	7/20/2020	ND	
MW-18	d	Acrylonitrile	107-13-1	ug/L	7/21/2020	ND	
MW-50	d	Acrylonitrile	107-13-1	ug/L	7/21/2020	ND	
MW-52	d	Acrylonitrile	107-13-1	ug/L	7/21/2020	ND	
MW-53	d	Acrylonitrile	107-13-1	ug/L	7/21/2020	ND	
MW-54	d	Acrylonitrile	107-13-1	ug/L	7/21/2020	ND	
MW-23	u	Acrylonitrile	107-13-1	ug/L	7/22/2020	ND	
MW-24R	u	Acrylonitrile	107-13-1	ug/L	7/22/2020	ND	
MW-55	d	Acrylonitrile	107-13-1	ug/L	11/12/2020	ND	
MW-33R	d	Acrylonitrile	107-13-1	ug/L	8/24/2021		<10.0
MW-14R	d	Acrylonitrile	107-13-1	ug/L	8/24/2021		<10.0
MW-29	d	Acrylonitrile	107-13-1	ug/L	8/25/2021		<10.0
MW-58	d	Acrylonitrile	107-13-1	ug/L	8/25/2021		<10.0
MW-30R	d	Acrylonitrile	107-13-1	ug/L	8/25/2021		<10.0
MW-68	d	Acrylonitrile	107-13-1	ug/L	8/25/2021		<10.0
MW-69	d	Acrylonitrile	107-13-1	ug/L	8/25/2021		<10.0
MW-70	d	Acrylonitrile	107-13-1	ug/L	8/26/2021		<10.0
MW-57R	d	Acrylonitrile	107-13-1	ug/L	8/26/2021		<10.0

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
PZ-13	d	Acrylonitrile	107-13-1	ug/L	8/27/2021		<10.0
MW-73	d	Acrylonitrile	107-13-1	ug/L	8/27/2021		<10.0
GU-3A	d	Acrylonitrile	107-13-1	ug/L	9/8/2021		<10.0
MW-24R	u	Acrylonitrile	107-13-1	ug/L	12/7/2021		<10.0
MW-28	d	Acrylonitrile	107-13-1	ug/L	12/7/2021		<10.0
MW-57R	d	Acrylonitrile	107-13-1	ug/L	12/7/2021		<10.0
MW-73	d	Acrylonitrile	107-13-1	ug/L	12/7/2021		<10.0
MW-56	d	Acrylonitrile	107-13-1	ug/L	12/7/2021		<10.0
MW-19	d	Acrylonitrile	107-13-1	ug/L	12/7/2021		<10.0
MW-18	d	Acrylonitrile	107-13-1	ug/L	12/7/2021		<10.0
MW-55	d	Acrylonitrile	107-13-1	ug/L	12/7/2021		<10.0
MW-50	d	Acrylonitrile	107-13-1	ug/L	12/7/2021		<10.0
MW-23	u	Acrylonitrile	107-13-1	ug/L	12/8/2021		<10.0
MW-39	d	Acrylonitrile	107-13-1	ug/L	12/8/2021		<10.0
MW-51	d	Acrylonitrile	107-13-1	ug/L	12/8/2021		<10.0
MW-52	d	Acrylonitrile	107-13-1	ug/L	12/8/2021		<10.0
MW-53	d	Acrylonitrile	107-13-1	ug/L	12/8/2021		<10.0
MW-54	d	Acrylonitrile	107-13-1	ug/L	12/8/2021		<10.0
MW-39	d	Aldrin	309-00-2	ug/L	3/11/2013	ND	
MW-31R	d	Aldrin	309-00-2	ug/L	9/10/2013	ND	
MW-32R	d	Aldrin	309-00-2	ug/L	9/10/2013	ND	
MW-18	d	Aldrin	309-00-2	ug/L	12/18/2013	ND	
MW-20	d	Aldrin	309-00-2	ug/L	12/18/2013	ND	
MW-21	d	Aldrin	309-00-2	ug/L	12/18/2013	ND	
MW-22R	d	Aldrin	309-00-2	ug/L	12/18/2013	ND	
MW-30R	d	Aldrin	309-00-2	ug/L	12/18/2013	ND	
MW-18	d	Aldrin	309-00-2	ug/L	6/24/2014	ND	
MW-29	d	Aldrin	309-00-2	ug/L	7/24/2014		0.0481
MW-57	d	Aldrin	309-00-2	ug/L	7/24/2014	ND	
MW-58	d	Aldrin	309-00-2	ug/L	7/24/2014	ND	
MW-29	d	Aldrin	309-00-2	ug/L	9/24/2014	J	0.00579
MW-33R	d	Aldrin	309-00-2	ug/L	9/24/2014	ND	
MW-50	d	Aldrin	309-00-2	ug/L	9/24/2014	ND	
MW-51	d	Aldrin	309-00-2	ug/L	9/24/2014	ND	
MW-52	d	Aldrin	309-00-2	ug/L	9/24/2014	ND	
MW-53	d	Aldrin	309-00-2	ug/L	9/24/2014	ND	
MW-54	d	Aldrin	309-00-2	ug/L	9/24/2014	ND	
MW-14R	d	Aldrin	309-00-2	ug/L	12/4/2014	ND	
MW-19	d	Aldrin	309-00-2	ug/L	12/4/2014	ND	
MW-28	d	Aldrin	309-00-2	ug/L	12/4/2014	ND	
MW-56	d	Aldrin	309-00-2	ug/L	12/4/2014	ND	
MW-55	d	Aldrin	309-00-2	ug/L	3/11/2015	ND	
MW-29	d	Aldrin	309-00-2	ug/L	6/29/2015	J	0.0261
MW-29	d	Aldrin	309-00-2	ug/L	8/25/2016	ND	
MW-29	d	Aldrin	309-00-2	ug/L	7/10/2017	ND	
MW-20	d	Aldrin	309-00-2	ug/L	4/3/2018	ND	
MW-21	d	Aldrin	309-00-2	ug/L	4/3/2018	ND	
MW-29	d	Aldrin	309-00-2	ug/L	4/3/2018	J	0.0078
MW-30R	d	Aldrin	309-00-2	ug/L	4/3/2018	ND	
MW-31R	d	Aldrin	309-00-2	ug/L	4/3/2018	ND	
MW-32R	d	Aldrin	309-00-2	ug/L	4/3/2018	ND	
MW-39	d	Aldrin	309-00-2	ug/L	11/1/2018	ND	
MW-22R	d	Aldrin	309-00-2	ug/L	11/2/2018	ND	
MW-18	d	Aldrin	309-00-2	ug/L	5/16/2019	J	0.0105
MW-28	d	Aldrin	309-00-2	ug/L	5/16/2019	ND	
MW-19	d	Aldrin	309-00-2	ug/L	5/20/2019	ND	
MW-50	d	Aldrin	309-00-2	ug/L	5/20/2019	ND	
MW-51	d	Aldrin	309-00-2	ug/L	5/20/2019	ND	
MW-52	d	Aldrin	309-00-2	ug/L	5/20/2019	ND	
MW-53	d	Aldrin	309-00-2	ug/L	5/20/2019	ND	
MW-54	d	Aldrin	309-00-2	ug/L	5/20/2019	ND	
MW-56	d	Aldrin	309-00-2	ug/L	5/20/2019	ND	
MW-14R	d	Aldrin	309-00-2	ug/L	9/11/2019	ND	
MW-29	d	Aldrin	309-00-2	ug/L	9/11/2019	ND	
MW-33R	d	Aldrin	309-00-2	ug/L	9/11/2019	ND	
MW-58	d	Aldrin	309-00-2	ug/L	9/11/2019	ND	
MW-29	d	Aldrin	309-00-2	ug/L	3/17/2020	J	0.032
MW-18	d	Aldrin	309-00-2	ug/L	7/21/2020	J	0.00829
MW-55	d	Aldrin	309-00-2	ug/L	11/12/2020	ND	
MW-29	d	Aldrin	309-00-2	ug/L	8/25/2021		<0.0337
MW-18	d	Aldrin	309-00-2	ug/L	12/7/2021	J	0.0233
MW-39	d	Alpha-BHC	319-84-6	ug/L	3/11/2013	ND	
MW-31R	d	Alpha-BHC	319-84-6	ug/L	9/10/2013	ND	
MW-32R	d	Alpha-BHC	319-84-6	ug/L	9/10/2013	ND	
MW-18	d	Alpha-BHC	319-84-6	ug/L	12/18/2013	ND	
MW-20	d	Alpha-BHC	319-84-6	ug/L	12/18/2013	ND	
MW-21	d	Alpha-BHC	319-84-6	ug/L	12/18/2013	ND	
MW-22R	d	Alpha-BHC	319-84-6	ug/L	12/18/2013	ND	
MW-30R	d	Alpha-BHC	319-84-6	ug/L	12/18/2013	ND	
MW-18	d	Alpha-BHC	319-84-6	ug/L	6/24/2014	J	0.00458
MW-29	d	Alpha-BHC	319-84-6	ug/L	7/24/2014		0.0365
MW-57	d	Alpha-BHC	319-84-6	ug/L	7/24/2014	ND	
MW-58	d	Alpha-BHC	319-84-6	ug/L	7/24/2014	J	0.00188
MW-29	d	Alpha-BHC	319-84-6	ug/L	9/24/2014	J	0.00619
MW-33R	d	Alpha-BHC	319-84-6	ug/L	9/24/2014	ND	
MW-50	d	Alpha-BHC	319-84-6	ug/L	9/24/2014	ND	
MW-51	d	Alpha-BHC	319-84-6	ug/L	9/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-52	d	Alpha-BHC	319-84-6	ug/L	9/24/2014	ND	
MW-53	d	Alpha-BHC	319-84-6	ug/L	9/24/2014	ND	
MW-54	d	Alpha-BHC	319-84-6	ug/L	9/24/2014	J	0.00395
MW-14R	d	Alpha-BHC	319-84-6	ug/L	12/4/2014	ND	
MW-19	d	Alpha-BHC	319-84-6	ug/L	12/4/2014	ND	
MW-28	d	Alpha-BHC	319-84-6	ug/L	12/4/2014	ND	
MW-56	d	Alpha-BHC	319-84-6	ug/L	12/4/2014	ND	
MW-55	d	Alpha-BHC	319-84-6	ug/L	3/11/2015	ND	
MW-29	d	Alpha-BHC	319-84-6	ug/L	6/29/2015	J	0.00954
MW-29	d	Alpha-BHC	319-84-6	ug/L	8/25/2016	J	0.0262
MW-29	d	Alpha-BHC	319-84-6	ug/L	7/10/2017	J	0.0159
MW-20	d	Alpha-BHC	319-84-6	ug/L	4/3/2018	ND	
MW-21	d	Alpha-BHC	319-84-6	ug/L	4/3/2018	ND	
MW-29	d	Alpha-BHC	319-84-6	ug/L	4/3/2018	ND	
MW-30R	d	Alpha-BHC	319-84-6	ug/L	4/3/2018	ND	
MW-31R	d	Alpha-BHC	319-84-6	ug/L	4/3/2018	ND	
MW-32R	d	Alpha-BHC	319-84-6	ug/L	4/3/2018	ND	
MW-39	d	Alpha-BHC	319-84-6	ug/L	11/1/2018	ND	
MW-22R	d	Alpha-BHC	319-84-6	ug/L	11/2/2018	ND	
MW-18	d	Alpha-BHC	319-84-6	ug/L	5/16/2019	ND	
MW-28	d	Alpha-BHC	319-84-6	ug/L	5/16/2019	ND	
MW-19	d	Alpha-BHC	319-84-6	ug/L	5/20/2019	ND	
MW-50	d	Alpha-BHC	319-84-6	ug/L	5/20/2019	ND	
MW-51	d	Alpha-BHC	319-84-6	ug/L	5/20/2019	J	0.0025
MW-52	d	Alpha-BHC	319-84-6	ug/L	5/20/2019	ND	
MW-53	d	Alpha-BHC	319-84-6	ug/L	5/20/2019	ND	
MW-54	d	Alpha-BHC	319-84-6	ug/L	5/20/2019	ND	
MW-56	d	Alpha-BHC	319-84-6	ug/L	5/20/2019	ND	
MW-14R	d	Alpha-BHC	319-84-6	ug/L	9/11/2019	ND	
MW-29	d	Alpha-BHC	319-84-6	ug/L	9/11/2019	J	0.00993
MW-33R	d	Alpha-BHC	319-84-6	ug/L	9/11/2019	ND	
MW-58	d	Alpha-BHC	319-84-6	ug/L	9/11/2019	JP	0.00471
MW-29	d	Alpha-BHC	319-84-6	ug/L	3/17/2020	J	0.0133
MW-58	d	Alpha-BHC	319-84-6	ug/L	3/17/2020	J	0.0031
MW-55	d	Alpha-BHC	319-84-6	ug/L	11/12/2020	ND	
MW-29	d	Alpha-BHC	319-84-6	ug/L	8/25/2021		<0.0337
MW-58	d	Alpha-BHC	319-84-6	ug/L	8/25/2021		<0.0333
MW-29	d	Alpha-Chlordane	5103-71-9	ug/L	6/17/2010	ND	
MW-29	d	Alpha-Chlordane	5103-71-9	ug/L	8/17/2010	ND	
MW-29	d	Alpha-Chlordane	5103-71-9	ug/L	4/21/2011		0.0792
MW-29	d	Alpha-Chlordane	5103-71-9	ug/L	9/9/2011	ND	
MW-29	d	Alpha-Chlordane	5103-71-9	ug/L	6/13/2012		0.0747
MW-29	d	Alpha-Chlordane	5103-71-9	ug/L	12/19/2012	ND	
MW-39	d	Alpha-Chlordane	5103-71-9	ug/L	3/11/2013	ND	
MW-29	d	Alpha-Chlordane	5103-71-9	ug/L	6/10/2013	ND	
SW-101	d	Ammonia as N	7664-41-7	mg/L	4/3/2018	ND	
SW-102	d	Ammonia as N	7664-41-7	mg/L	4/3/2018	J	0.236
SW-103	d	Ammonia as N	7664-41-7	mg/L	4/3/2018	J	0.266
SW-104	d	Ammonia as N	7664-41-7	mg/L	4/3/2018	J	0.2
SW-105	d	Ammonia as N	7664-41-7	mg/L	4/3/2018		0.57
SW-106	d	Ammonia as N	7664-41-7	mg/L	4/3/2018	ND	
SW-107	d	Ammonia as N	7664-41-7	mg/L	4/3/2018	ND	
SW-101	d	Ammonia as N	7664-41-7	mg/L	9/25/2019	ND	
SW-102	d	Ammonia as N	7664-41-7	mg/L	9/25/2019	ND	
SW-103	d	Ammonia as N	7664-41-7	mg/L	9/25/2019	ND	
SW-104	d	Ammonia as N	7664-41-7	mg/L	9/25/2019	ND	
SW-105	d	Ammonia as N	7664-41-7	mg/L	9/25/2019	J	0.237
SW-106	d	Ammonia as N	7664-41-7	mg/L	9/25/2019	ND	
SW-107	d	Ammonia as N	7664-41-7	mg/L	9/25/2019	ND	
SW-101	d	Ammonia as N	7664-41-7	mg/L	3/10/2020	ND	
SW-102	d	Ammonia as N	7664-41-7	mg/L	3/10/2020	ND	
SW-103	d	Ammonia as N	7664-41-7	mg/L	3/10/2020	ND	
SW-104	d	Ammonia as N	7664-41-7	mg/L	3/10/2020	ND	
SW-105	d	Ammonia as N	7664-41-7	mg/L	3/10/2020	ND	
SW-106	d	Ammonia as N	7664-41-7	mg/L	3/10/2020	ND	
SW-107	d	Ammonia as N	7664-41-7	mg/L	3/10/2020	ND	
SW-101	d	Ammonia as N	7664-41-7	mg/L	9/8/2021		<0.500
SW-102	d	Ammonia as N	7664-41-7	mg/L	9/8/2021		<0.500
SW-103	d	Ammonia as N	7664-41-7	mg/L	9/8/2021		<0.500
SW-106	d	Ammonia as N	7664-41-7	mg/L	9/8/2021		<0.500
SW-107	d	Ammonia as N	7664-41-7	mg/L	9/8/2021		<0.500
MW-39	d	Anthracene	120-12-7	ug/L	3/11/2013	ND	
MW-31R	d	Anthracene	120-12-7	ug/L	9/10/2013	ND	
MW-32R	d	Anthracene	120-12-7	ug/L	9/10/2013	ND	
MW-18	d	Anthracene	120-12-7	ug/L	12/18/2013	ND	
MW-20	d	Anthracene	120-12-7	ug/L	12/18/2013	ND	
MW-21	d	Anthracene	120-12-7	ug/L	12/18/2013	ND	
MW-22R	d	Anthracene	120-12-7	ug/L	12/18/2013	ND	
MW-30R	d	Anthracene	120-12-7	ug/L	12/18/2013	ND	
MW-18	d	Anthracene	120-12-7	ug/L	6/24/2014	ND	
MW-29	d	Anthracene	120-12-7	ug/L	7/24/2014	ND	
MW-57	d	Anthracene	120-12-7	ug/L	7/24/2014	ND	
MW-58	d	Anthracene	120-12-7	ug/L	7/24/2014	ND	
MW-33R	d	Anthracene	120-12-7	ug/L	9/24/2014	ND	
MW-50	d	Anthracene	120-12-7	ug/L	9/24/2014	ND	
MW-51	d	Anthracene	120-12-7	ug/L	9/24/2014	ND	
MW-52	d	Anthracene	120-12-7	ug/L	9/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-53	d	Anthracene	120-12-7	ug/L	9/24/2014	ND	
MW-54	d	Anthracene	120-12-7	ug/L	9/24/2014	ND	
MW-14R	d	Anthracene	120-12-7	ug/L	12/4/2014	ND	
MW-19	d	Anthracene	120-12-7	ug/L	12/4/2014	ND	
MW-28	d	Anthracene	120-12-7	ug/L	12/4/2014	ND	
MW-56	d	Anthracene	120-12-7	ug/L	12/4/2014	ND	
MW-55	d	Anthracene	120-12-7	ug/L	3/11/2015	ND	
MW-20	d	Anthracene	120-12-7	ug/L	4/3/2018	ND	
MW-21	d	Anthracene	120-12-7	ug/L	4/3/2018	ND	
MW-30R	d	Anthracene	120-12-7	ug/L	4/3/2018	ND	
MW-31R	d	Anthracene	120-12-7	ug/L	4/3/2018	ND	
MW-32R	d	Anthracene	120-12-7	ug/L	4/3/2018	ND	
MW-39	d	Anthracene	120-12-7	ug/L	11/1/2018	ND	
MW-22R	d	Anthracene	120-12-7	ug/L	11/2/2018	ND	
MW-18	d	Anthracene	120-12-7	ug/L	5/16/2019	ND	
MW-19	d	Anthracene	120-12-7	ug/L	5/16/2019	ND	
MW-28	d	Anthracene	120-12-7	ug/L	5/16/2019	ND	
MW-50	d	Anthracene	120-12-7	ug/L	5/20/2019	ND	
MW-51	d	Anthracene	120-12-7	ug/L	5/20/2019	ND	
MW-52	d	Anthracene	120-12-7	ug/L	5/20/2019	ND	
MW-53	d	Anthracene	120-12-7	ug/L	5/20/2019	ND	
MW-54	d	Anthracene	120-12-7	ug/L	5/20/2019	ND	
MW-56	d	Anthracene	120-12-7	ug/L	5/20/2019	ND	
MW-14R	d	Anthracene	120-12-7	ug/L	9/11/2019	ND	
MW-29	d	Anthracene	120-12-7	ug/L	9/11/2019	ND	
MW-33R	d	Anthracene	120-12-7	ug/L	9/11/2019	ND	
MW-58	d	Anthracene	120-12-7	ug/L	9/11/2019	ND	
MW-55	d	Anthracene	120-12-7	ug/L	11/12/2020	ND	
MW-51	d	Antimony	7440-36-0	mg/L	1/15/2010	ND	
MW-24R	u	Antimony	7440-36-0	mg/L	2/11/2010	ND	
MW-53	d	Antimony	7440-36-0	mg/L	2/11/2010	ND	
GU-3A	d	Antimony	7440-36-0	mg/L	3/24/2010	ND	
MW-20	d	Antimony	7440-36-0	mg/L	3/24/2010	ND	
MW-21	d	Antimony	7440-36-0	mg/L	3/24/2010	ND	
MW-22R	d	Antimony	7440-36-0	mg/L	3/24/2010	ND	
MW-52	d	Antimony	7440-36-0	mg/L	3/24/2010	ND	
MW-54	d	Antimony	7440-36-0	mg/L	3/24/2010	ND	
MW-55	d	Antimony	7440-36-0	mg/L	3/24/2010	ND	
MW-28	d	Antimony	7440-36-0	mg/L	4/9/2010	ND	
MW-33R	d	Antimony	7440-36-0	mg/L	4/9/2010	ND	
MW-50	d	Antimony	7440-36-0	mg/L	4/9/2010	ND	
MW-56	d	Antimony	7440-36-0	mg/L	4/9/2010	ND	
MW-57	d	Antimony	7440-36-0	mg/L	4/9/2010	ND	
MW-58	d	Antimony	7440-36-0	mg/L	4/9/2010	ND	
MW-32R	d	Antimony	7440-36-0	mg/L	5/18/2010		0.0102
MW-14R	d	Antimony	7440-36-0	mg/L	6/17/2010	ND	
MW-19	d	Antimony	7440-36-0	mg/L	6/17/2010	ND	
MW-29	d	Antimony	7440-36-0	mg/L	6/17/2010	ND	
MW-30R	d	Antimony	7440-36-0	mg/L	6/17/2010	ND	
MW-31R	d	Antimony	7440-36-0	mg/L	6/17/2010	ND	
MW-51	d	Antimony	7440-36-0	mg/L	6/17/2010	ND	
MW-21	d	Antimony	7440-36-0	mg/L	7/21/2010	ND	
MW-54	d	Antimony	7440-36-0	mg/L	7/21/2010	ND	
MW-20	d	Antimony	7440-36-0	mg/L	8/17/2010	ND	
MW-29	d	Antimony	7440-36-0	mg/L	8/17/2010	ND	
MW-39	d	Antimony	7440-36-0	mg/L	8/17/2010	ND	
MW-51	d	Antimony	7440-36-0	mg/L	8/17/2010	ND	
GU-3A	d	Antimony	7440-36-0	mg/L	9/17/2010		0.00838
MW-22R	d	Antimony	7440-36-0	mg/L	9/17/2010		0.0121
MW-55	d	Antimony	7440-36-0	mg/L	9/17/2010	ND	
MW-19	d	Antimony	7440-36-0	mg/L	10/22/2010	ND	
MW-24R	u	Antimony	7440-36-0	mg/L	10/22/2010	ND	
MW-30R	d	Antimony	7440-36-0	mg/L	10/22/2010	ND	
MW-31R	d	Antimony	7440-36-0	mg/L	10/22/2010	ND	
MW-50	d	Antimony	7440-36-0	mg/L	10/22/2010	ND	
MW-53	d	Antimony	7440-36-0	mg/L	10/22/2010	ND	
MW-56	d	Antimony	7440-36-0	mg/L	10/22/2010	ND	
MW-58	d	Antimony	7440-36-0	mg/L	10/22/2010	ND	
MW-14R	d	Antimony	7440-36-0	mg/L	11/8/2010	ND	
MW-32R	d	Antimony	7440-36-0	mg/L	11/8/2010	ND	
MW-57	d	Antimony	7440-36-0	mg/L	11/8/2010	ND	
MW-28	d	Antimony	7440-36-0	mg/L	12/15/2010	ND	
MW-33R	d	Antimony	7440-36-0	mg/L	12/15/2010	ND	
MW-52	d	Antimony	7440-36-0	mg/L	12/15/2010	ND	
MW-54	d	Antimony	7440-36-0	mg/L	1/12/2011	ND	
MW-54	d	Antimony	7440-36-0	mg/L	1/12/2011	ND	
MW-20	d	Antimony	7440-36-0	mg/L	2/22/2011	ND	
MW-22R	d	Antimony	7440-36-0	mg/L	2/22/2011	ND	
MW-51	d	Antimony	7440-36-0	mg/L	2/22/2011	ND	
MW-52	d	Antimony	7440-36-0	mg/L	2/22/2011	ND	
MW-53	d	Antimony	7440-36-0	mg/L	2/22/2011	ND	
MW-55	d	Antimony	7440-36-0	mg/L	2/22/2011	ND	
GU-3A	d	Antimony	7440-36-0	mg/L	3/2/2011	ND	
MW-21	d	Antimony	7440-36-0	mg/L	3/2/2011	ND	
MW-21	d	Antimony	7440-36-0	mg/L	3/2/2011	ND	
MW-29	d	Antimony	7440-36-0	mg/L	4/21/2011	ND	
MW-30R	d	Antimony	7440-36-0	mg/L	4/21/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	Antimony	7440-36-0	mg/L	4/21/2011	ND	
MW-31R	d	Antimony	7440-36-0	mg/L	4/21/2011	ND	
MW-32R	d	Antimony	7440-36-0	mg/L	4/21/2011	ND	
MW-54	d	Antimony	7440-36-0	mg/L	5/31/2011	ND	
MW-56	d	Antimony	7440-36-0	mg/L	5/31/2011	ND	
MW-57	d	Antimony	7440-36-0	mg/L	5/31/2011	ND	
MW-58	d	Antimony	7440-36-0	mg/L	5/31/2011	ND	
MW-14R	d	Antimony	7440-36-0	mg/L	6/7/2011	ND	
MW-14R	d	Antimony	7440-36-0	mg/L	6/7/2011	ND	
MW-19	d	Antimony	7440-36-0	mg/L	6/7/2011	ND	
MW-28	d	Antimony	7440-36-0	mg/L	6/7/2011	ND	
MW-33R	d	Antimony	7440-36-0	mg/L	6/7/2011	ND	
MW-39	d	Antimony	7440-36-0	mg/L	6/7/2011	ND	
MW-50	d	Antimony	7440-36-0	mg/L	6/7/2011	ND	
MW-52	d	Antimony	7440-36-0	mg/L	7/22/2011	ND	
MW-56	d	Antimony	7440-36-0	mg/L	7/22/2011	ND	
MW-58	d	Antimony	7440-36-0	mg/L	7/22/2011	ND	
MW-14R	d	Antimony	7440-36-0	mg/L	8/29/2011	ND	
MW-19	d	Antimony	7440-36-0	mg/L	8/29/2011	ND	
MW-19	d	Antimony	7440-36-0	mg/L	8/29/2011	ND	
MW-32R	d	Antimony	7440-36-0	mg/L	8/29/2011	ND	
GU-3A	d	Antimony	7440-36-0	mg/L	9/9/2011		0.00714
MW-22R	d	Antimony	7440-36-0	mg/L	9/9/2011	ND	
MW-23	u	Antimony	7440-36-0	mg/L	9/9/2011	ND	
MW-24R	u	Antimony	7440-36-0	mg/L	9/9/2011	ND	
MW-28	d	Antimony	7440-36-0	mg/L	9/9/2011	ND	
MW-29	d	Antimony	7440-36-0	mg/L	9/9/2011	ND	
MW-51	d	Antimony	7440-36-0	mg/L	9/9/2011	ND	
MW-53	d	Antimony	7440-36-0	mg/L	9/9/2011	ND	
MW-53	d	Antimony	7440-36-0	mg/L	9/9/2011	ND	
MW-21	d	Antimony	7440-36-0	mg/L	10/4/2011	ND	
MW-50	d	Antimony	7440-36-0	mg/L	10/4/2011	ND	
MW-50	d	Antimony	7440-36-0	mg/L	10/4/2011	ND	
MW-54	d	Antimony	7440-36-0	mg/L	10/4/2011	ND	
MW-57	d	Antimony	7440-36-0	mg/L	10/4/2011	ND	
MW-20	d	Antimony	7440-36-0	mg/L	11/29/2011	ND	
MW-30R	d	Antimony	7440-36-0	mg/L	11/29/2011	ND	
MW-52	d	Antimony	7440-36-0	mg/L	11/29/2011	ND	
MW-55	d	Antimony	7440-36-0	mg/L	11/29/2011	ND	
MW-31R	d	Antimony	7440-36-0	mg/L	12/16/2011	ND	
MW-33R	d	Antimony	7440-36-0	mg/L	12/16/2011	ND	
MW-39	d	Antimony	7440-36-0	mg/L	12/16/2011	ND	
MW-14R	d	Antimony	7440-36-0	mg/L	3/8/2012	ND	
MW-19	d	Antimony	7440-36-0	mg/L	3/8/2012	ND	
MW-20	d	Antimony	7440-36-0	mg/L	3/8/2012	ND	
MW-21	d	Antimony	7440-36-0	mg/L	3/8/2012	ND	
MW-22R	d	Antimony	7440-36-0	mg/L	3/8/2012	ND	
MW-23	u	Antimony	7440-36-0	mg/L	3/8/2012	ND	
MW-24R	u	Antimony	7440-36-0	mg/L	3/8/2012	ND	
MW-28	d	Antimony	7440-36-0	mg/L	3/8/2012	ND	
MW-39	d	Antimony	7440-36-0	mg/L	3/8/2012	ND	
MW-55	d	Antimony	7440-36-0	mg/L	3/8/2012	ND	
MW-56	d	Antimony	7440-36-0	mg/L	3/8/2012	ND	
MW-57	d	Antimony	7440-36-0	mg/L	3/8/2012	ND	
MW-58	d	Antimony	7440-36-0	mg/L	3/8/2012	ND	
GU-3A	d	Antimony	7440-36-0	mg/L	6/13/2012	ND	
MW-29	d	Antimony	7440-36-0	mg/L	6/13/2012	ND	
MW-30R	d	Antimony	7440-36-0	mg/L	6/13/2012	ND	
MW-31R	d	Antimony	7440-36-0	mg/L	6/13/2012	ND	
MW-32R	d	Antimony	7440-36-0	mg/L	6/13/2012	ND	
MW-33R	d	Antimony	7440-36-0	mg/L	6/13/2012	ND	
MW-50	d	Antimony	7440-36-0	mg/L	6/13/2012	ND	
MW-50	d	Antimony	7440-36-0	mg/L	6/13/2012	ND	
MW-51	d	Antimony	7440-36-0	mg/L	6/13/2012	ND	
MW-52	d	Antimony	7440-36-0	mg/L	6/13/2012	ND	
MW-53	d	Antimony	7440-36-0	mg/L	6/13/2012	ND	
MW-54	d	Antimony	7440-36-0	mg/L	6/13/2012	ND	
GU-3A	d	Antimony	7440-36-0	mg/L	9/4/2012	ND	
MW-20	d	Antimony	7440-36-0	mg/L	9/4/2012	ND	
MW-21	d	Antimony	7440-36-0	mg/L	9/4/2012	ND	
MW-22R	d	Antimony	7440-36-0	mg/L	9/4/2012	ND	
MW-23	u	Antimony	7440-36-0	mg/L	9/4/2012	ND	
MW-50	d	Antimony	7440-36-0	mg/L	9/4/2012	ND	
MW-51	d	Antimony	7440-36-0	mg/L	9/4/2012	ND	
MW-52	d	Antimony	7440-36-0	mg/L	9/4/2012	ND	
MW-53	d	Antimony	7440-36-0	mg/L	9/4/2012	ND	
MW-54	d	Antimony	7440-36-0	mg/L	9/4/2012	ND	
MW-54	d	Antimony	7440-36-0	mg/L	9/4/2012	ND	
MW-57	d	Antimony	7440-36-0	mg/L	9/4/2012	ND	
MW-58	d	Antimony	7440-36-0	mg/L	9/4/2012	ND	
MW-14R	d	Antimony	7440-36-0	mg/L	12/19/2012	ND	
MW-19	d	Antimony	7440-36-0	mg/L	12/19/2012	ND	
MW-28	d	Antimony	7440-36-0	mg/L	12/19/2012	ND	
MW-29	d	Antimony	7440-36-0	mg/L	12/19/2012	ND	
MW-30R	d	Antimony	7440-36-0	mg/L	12/19/2012	ND	
MW-31R	d	Antimony	7440-36-0	mg/L	12/19/2012	ND	
MW-32R	d	Antimony	7440-36-0	mg/L	12/19/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	Antimony	7440-36-0	mg/L	12/19/2012	ND	
MW-33R	d	Antimony	7440-36-0	mg/L	12/19/2012	ND	
MW-39	d	Antimony	7440-36-0	mg/L	12/19/2012	ND	
MW-55	d	Antimony	7440-36-0	mg/L	12/19/2012	ND	
MW-56	d	Antimony	7440-36-0	mg/L	12/19/2012	ND	
MW-14R	d	Antimony	7440-36-0	mg/L	3/11/2013	ND	
MW-19	d	Antimony	7440-36-0	mg/L	3/11/2013	ND	
MW-23	u	Antimony	7440-36-0	mg/L	3/11/2013	ND	
MW-28	d	Antimony	7440-36-0	mg/L	3/11/2013	ND	
MW-39	d	Antimony	7440-36-0	mg/L	3/11/2013	ND	
MW-50	d	Antimony	7440-36-0	mg/L	3/11/2013	ND	
MW-50	d	Antimony	7440-36-0	mg/L	3/11/2013	ND	
MW-51	d	Antimony	7440-36-0	mg/L	3/11/2013	ND	
MW-52	d	Antimony	7440-36-0	mg/L	3/11/2013	ND	
MW-53	d	Antimony	7440-36-0	mg/L	3/11/2013	ND	
MW-54	d	Antimony	7440-36-0	mg/L	3/11/2013	ND	
MW-55	d	Antimony	7440-36-0	mg/L	3/11/2013	ND	
MW-56	d	Antimony	7440-36-0	mg/L	3/11/2013	ND	
MW-20	d	Antimony	7440-36-0	mg/L	6/10/2013	ND	
MW-20	d	Antimony	7440-36-0	mg/L	6/10/2013	ND	
MW-21	d	Antimony	7440-36-0	mg/L	6/10/2013	ND	
MW-22R	d	Antimony	7440-36-0	mg/L	6/10/2013	ND	
MW-29	d	Antimony	7440-36-0	mg/L	6/10/2013	ND	
MW-30R	d	Antimony	7440-36-0	mg/L	6/10/2013	ND	
MW-31R	d	Antimony	7440-36-0	mg/L	6/10/2013	ND	
MW-32R	d	Antimony	7440-36-0	mg/L	6/10/2013	ND	
MW-33R	d	Antimony	7440-36-0	mg/L	6/10/2013	ND	
MW-57	d	Antimony	7440-36-0	mg/L	6/10/2013	ND	
MW-58	d	Antimony	7440-36-0	mg/L	6/10/2013	ND	
GU-3A	d	Antimony	7440-36-0	mg/L	9/10/2013	ND	
MW-23	u	Antimony	7440-36-0	mg/L	9/10/2013	ND	
MW-31R	d	Antimony	7440-36-0	mg/L	9/10/2013	ND	
MW-31R	d	Antimony	7440-36-0	mg/L	9/10/2013	ND	
MW-32R	d	Antimony	7440-36-0	mg/L	9/10/2013	ND	
MW-33R	d	Antimony	7440-36-0	mg/L	9/10/2013	ND	
MW-50	d	Antimony	7440-36-0	mg/L	9/10/2013	ND	
MW-51	d	Antimony	7440-36-0	mg/L	9/10/2013	ND	
MW-52	d	Antimony	7440-36-0	mg/L	9/10/2013	ND	
MW-53	d	Antimony	7440-36-0	mg/L	9/10/2013	ND	
MW-54	d	Antimony	7440-36-0	mg/L	9/10/2013	J	0.0031
MW-14R	d	Antimony	7440-36-0	mg/L	12/18/2013	ND	
MW-18	d	Antimony	7440-36-0	mg/L	12/18/2013	ND	
MW-19	d	Antimony	7440-36-0	mg/L	12/18/2013	ND	
MW-20	d	Antimony	7440-36-0	mg/L	12/18/2013	ND	
MW-21	d	Antimony	7440-36-0	mg/L	12/18/2013	ND	
MW-22R	d	Antimony	7440-36-0	mg/L	12/18/2013	ND	
MW-28	d	Antimony	7440-36-0	mg/L	12/18/2013	ND	
MW-30R	d	Antimony	7440-36-0	mg/L	12/18/2013	ND	
MW-39	d	Antimony	7440-36-0	mg/L	12/18/2013	ND	
MW-39	d	Antimony	7440-36-0	mg/L	12/18/2013	ND	
MW-55	d	Antimony	7440-36-0	mg/L	12/18/2013	ND	
MW-18	d	Antimony	7440-36-0	mg/L	3/20/2014	ND	
MW-20	d	Antimony	7440-36-0	mg/L	3/20/2014	ND	
MW-21	d	Antimony	7440-36-0	mg/L	3/20/2014	ND	
MW-21	d	Antimony	7440-36-0	mg/L	3/20/2014	ND	
MW-22R	d	Antimony	7440-36-0	mg/L	3/20/2014	ND	
MW-23	u	Antimony	7440-36-0	mg/L	3/20/2014	ND	
MW-30R	d	Antimony	7440-36-0	mg/L	3/20/2014	ND	
MW-31R	d	Antimony	7440-36-0	mg/L	3/20/2014	ND	
MW-32R	d	Antimony	7440-36-0	mg/L	3/20/2014	ND	
MW-33R	d	Antimony	7440-36-0	mg/L	3/20/2014	ND	
MW-14R	d	Antimony	7440-36-0	mg/L	6/24/2014	ND	
MW-14R	d	Antimony	7440-36-0	mg/L	6/24/2014	ND	
MW-18	d	Antimony	7440-36-0	mg/L	6/24/2014	ND	
MW-19	d	Antimony	7440-36-0	mg/L	6/24/2014	ND	
MW-28	d	Antimony	7440-36-0	mg/L	6/24/2014	ND	
MW-39	d	Antimony	7440-36-0	mg/L	6/24/2014	ND	
MW-50	d	Antimony	7440-36-0	mg/L	6/24/2014	ND	
MW-51	d	Antimony	7440-36-0	mg/L	6/24/2014	J	0.00467
MW-52	d	Antimony	7440-36-0	mg/L	6/24/2014	J	0.0036
MW-53	d	Antimony	7440-36-0	mg/L	6/24/2014	ND	
MW-54	d	Antimony	7440-36-0	mg/L	6/24/2014		0.00629
MW-55	d	Antimony	7440-36-0	mg/L	6/24/2014	ND	
MW-58	d	Antimony	7440-36-0	mg/L	6/24/2014	ND	
MW-29	d	Antimony	7440-36-0	mg/L	7/24/2014	ND	
MW-56	d	Antimony	7440-36-0	mg/L	7/24/2014	ND	
MW-57	d	Antimony	7440-36-0	mg/L	7/24/2014	ND	
GU-3A	d	Antimony	7440-36-0	mg/L	9/24/2014	ND	
MW-18	d	Antimony	7440-36-0	mg/L	9/24/2014	ND	
MW-23	u	Antimony	7440-36-0	mg/L	9/24/2014	ND	
MW-24R	u	Antimony	7440-36-0	mg/L	9/24/2014	ND	
MW-29	d	Antimony	7440-36-0	mg/L	9/24/2014	ND	
MW-30R	d	Antimony	7440-36-0	mg/L	9/24/2014	ND	
MW-31R	d	Antimony	7440-36-0	mg/L	9/24/2014	ND	
MW-31R	d	Antimony	7440-36-0	mg/L	9/24/2014	ND	
MW-32R	d	Antimony	7440-36-0	mg/L	9/24/2014	ND	
MW-33R	d	Antimony	7440-36-0	mg/L	9/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	Antimony	7440-36-0	mg/L	9/24/2014	ND	
MW-51	d	Antimony	7440-36-0	mg/L	9/24/2014	ND	
MW-52	d	Antimony	7440-36-0	mg/L	9/24/2014	ND	
MW-53	d	Antimony	7440-36-0	mg/L	9/24/2014	ND	
MW-54	d	Antimony	7440-36-0	mg/L	9/24/2014	ND	
MW-14R	d	Antimony	7440-36-0	mg/L	12/4/2014	ND	
MW-18	d	Antimony	7440-36-0	mg/L	12/4/2014	ND	
MW-19	d	Antimony	7440-36-0	mg/L	12/4/2014	ND	
MW-20	d	Antimony	7440-36-0	mg/L	12/4/2014	ND	
MW-21	d	Antimony	7440-36-0	mg/L	12/4/2014	ND	
MW-22R	d	Antimony	7440-36-0	mg/L	12/4/2014	ND	
MW-28	d	Antimony	7440-36-0	mg/L	12/4/2014	ND	
MW-39	d	Antimony	7440-36-0	mg/L	12/4/2014	ND	
MW-56	d	Antimony	7440-36-0	mg/L	12/4/2014	ND	
MW-57	d	Antimony	7440-36-0	mg/L	12/4/2014	ND	
MW-57	d	Antimony	7440-36-0	mg/L	12/4/2014	ND	
MW-58	d	Antimony	7440-36-0	mg/L	12/4/2014	ND	
MW-14R	d	Antimony	7440-36-0	mg/L	3/11/2015	ND	
MW-18	d	Antimony	7440-36-0	mg/L	3/11/2015	ND	
MW-19	d	Antimony	7440-36-0	mg/L	3/11/2015	ND	
MW-20	d	Antimony	7440-36-0	mg/L	3/11/2015	ND	
MW-21	d	Antimony	7440-36-0	mg/L	3/11/2015	ND	
MW-22R	d	Antimony	7440-36-0	mg/L	3/11/2015	J	0.00017
MW-23	u	Antimony	7440-36-0	mg/L	3/11/2015	ND	
MW-24R	u	Antimony	7440-36-0	mg/L	3/11/2015	ND	
MW-28	d	Antimony	7440-36-0	mg/L	3/11/2015	ND	
MW-39	d	Antimony	7440-36-0	mg/L	3/11/2015	ND	
MW-55	d	Antimony	7440-36-0	mg/L	3/11/2015	ND	
MW-56	d	Antimony	7440-36-0	mg/L	3/11/2015	ND	
MW-57	d	Antimony	7440-36-0	mg/L	3/11/2015	ND	
MW-58	d	Antimony	7440-36-0	mg/L	3/11/2015	ND	
MW-58	d	Antimony	7440-36-0	mg/L	3/11/2015	J	0.000198
MW-29	d	Antimony	7440-36-0	mg/L	6/29/2015	ND	
MW-30R	d	Antimony	7440-36-0	mg/L	6/29/2015	ND	
MW-31R	d	Antimony	7440-36-0	mg/L	6/29/2015	ND	
MW-31R	d	Antimony	7440-36-0	mg/L	6/29/2015	ND	
MW-32R	d	Antimony	7440-36-0	mg/L	6/29/2015	ND	
MW-33R	d	Antimony	7440-36-0	mg/L	6/29/2015	ND	
MW-50	d	Antimony	7440-36-0	mg/L	6/29/2015	ND	
MW-51	d	Antimony	7440-36-0	mg/L	6/29/2015	ND	
MW-52	d	Antimony	7440-36-0	mg/L	6/29/2015	ND	
MW-53	d	Antimony	7440-36-0	mg/L	6/29/2015	ND	
MW-54	d	Antimony	7440-36-0	mg/L	6/29/2015	ND	
GU-3A	d	Antimony	7440-36-0	mg/L	9/22/2015	J	0.000683
MW-14R	d	Antimony	7440-36-0	mg/L	2/15/2016	ND	
MW-14R	d	Antimony	7440-36-0	mg/L	2/15/2016	ND	
MW-18	d	Antimony	7440-36-0	mg/L	2/15/2016	ND	
MW-19	d	Antimony	7440-36-0	mg/L	2/15/2016	ND	
MW-39	d	Antimony	7440-36-0	mg/L	2/15/2016	ND	
MW-20	d	Antimony	7440-36-0	mg/L	2/16/2016	ND	
MW-21	d	Antimony	7440-36-0	mg/L	2/16/2016	ND	
MW-55	d	Antimony	7440-36-0	mg/L	2/16/2016	ND	
MW-56	d	Antimony	7440-36-0	mg/L	2/16/2016	ND	
MW-57	d	Antimony	7440-36-0	mg/L	2/16/2016	ND	
MW-58	d	Antimony	7440-36-0	mg/L	2/16/2016	ND	
MW-22R	d	Antimony	7440-36-0	mg/L	2/17/2016	J	0.000286
MW-23	u	Antimony	7440-36-0	mg/L	2/17/2016	ND	
MW-24R	u	Antimony	7440-36-0	mg/L	2/17/2016	ND	
MW-28	d	Antimony	7440-36-0	mg/L	8/25/2016	ND	
MW-29	d	Antimony	7440-36-0	mg/L	8/25/2016	ND	
MW-30R	d	Antimony	7440-36-0	mg/L	8/25/2016	ND	
MW-31R	d	Antimony	7440-36-0	mg/L	8/25/2016	ND	
MW-32R	d	Antimony	7440-36-0	mg/L	8/25/2016	ND	
MW-33R	d	Antimony	7440-36-0	mg/L	8/25/2016	ND	
MW-50	d	Antimony	7440-36-0	mg/L	8/25/2016	ND	
MW-51	d	Antimony	7440-36-0	mg/L	8/25/2016	ND	
MW-52	d	Antimony	7440-36-0	mg/L	8/25/2016	ND	
MW-53	d	Antimony	7440-36-0	mg/L	8/25/2016	ND	
MW-54	d	Antimony	7440-36-0	mg/L	8/25/2016	ND	
GU-3A	d	Antimony	7440-36-0	mg/L	8/26/2016	J	0.000341
MW-18	d	Antimony	7440-36-0	mg/L	1/17/2017	ND	
MW-19	d	Antimony	7440-36-0	mg/L	1/17/2017	ND	
MW-22R	d	Antimony	7440-36-0	mg/L	1/17/2017	J	0.000796
MW-23	u	Antimony	7440-36-0	mg/L	1/17/2017	ND	
MW-24R	u	Antimony	7440-36-0	mg/L	1/17/2017	ND	
MW-28	d	Antimony	7440-36-0	mg/L	1/17/2017	ND	
MW-28	d	Antimony	7440-36-0	mg/L	1/17/2017	ND	
MW-39	d	Antimony	7440-36-0	mg/L	1/17/2017	ND	
MW-50	d	Antimony	7440-36-0	mg/L	1/17/2017	ND	
MW-51	d	Antimony	7440-36-0	mg/L	1/17/2017	ND	
MW-53	d	Antimony	7440-36-0	mg/L	1/17/2017	ND	
MW-54	d	Antimony	7440-36-0	mg/L	1/17/2017	ND	
MW-56	d	Antimony	7440-36-0	mg/L	1/17/2017	ND	
GU-3A	d	Antimony	7440-36-0	mg/L	7/10/2017	ND	
MW-14R	d	Antimony	7440-36-0	mg/L	7/10/2017	ND	
MW-20	d	Antimony	7440-36-0	mg/L	7/10/2017	ND	
MW-21	d	Antimony	7440-36-0	mg/L	7/10/2017	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Antimony	7440-36-0	mg/L	7/10/2017	ND	
MW-30R	d	Antimony	7440-36-0	mg/L	7/10/2017	ND	
MW-31R	d	Antimony	7440-36-0	mg/L	7/10/2017	ND	
MW-32R	d	Antimony	7440-36-0	mg/L	7/10/2017	ND	
MW-32R	d	Antimony	7440-36-0	mg/L	7/10/2017	ND	
MW-33R	d	Antimony	7440-36-0	mg/L	7/10/2017	ND	
MW-57	d	Antimony	7440-36-0	mg/L	7/10/2017	ND	
MW-58	d	Antimony	7440-36-0	mg/L	7/10/2017	ND	
MW-52	d	Antimony	7440-36-0	mg/L	10/17/2017	ND	
MW-55	d	Antimony	7440-36-0	mg/L	10/17/2017	ND	
GU-3A	d	Antimony	7440-36-0	mg/L	4/3/2018		0.0048
GU-3A	d	Antimony	7440-36-0	mg/L	4/3/2018	ND	
MW-20	d	Antimony	7440-36-0	mg/L	4/3/2018	ND	
MW-21	d	Antimony	7440-36-0	mg/L	4/3/2018	ND	
MW-30R	d	Antimony	7440-36-0	mg/L	4/3/2018	ND	
MW-31R	d	Antimony	7440-36-0	mg/L	4/3/2018	ND	
MW-32R	d	Antimony	7440-36-0	mg/L	4/3/2018	ND	
MW-33R	d	Antimony	7440-36-0	mg/L	4/3/2018	ND	
MW-33R	d	Antimony	7440-36-0	mg/L	4/3/2018	ND	
MW-23	u	Antimony	7440-36-0	mg/L	11/1/2018	ND	
MW-24R	u	Antimony	7440-36-0	mg/L	11/1/2018	ND	
MW-39	d	Antimony	7440-36-0	mg/L	11/1/2018	ND	
MW-50	d	Antimony	7440-36-0	mg/L	11/1/2018	J	0.000903
MW-51	d	Antimony	7440-36-0	mg/L	11/1/2018	ND	
MW-52	d	Antimony	7440-36-0	mg/L	11/1/2018	ND	
MW-53	d	Antimony	7440-36-0	mg/L	11/1/2018	ND	
MW-54	d	Antimony	7440-36-0	mg/L	11/1/2018	ND	
MW-55	d	Antimony	7440-36-0	mg/L	11/1/2018	ND	
MW-18	d	Antimony	7440-36-0	mg/L	11/2/2018	ND	
MW-19	d	Antimony	7440-36-0	mg/L	11/2/2018	ND	
MW-22R	d	Antimony	7440-36-0	mg/L	11/2/2018	J	0.000433
MW-28	d	Antimony	7440-36-0	mg/L	11/2/2018	ND	
MW-56	d	Antimony	7440-36-0	mg/L	11/2/2018	ND	
MW-18	d	Antimony	7440-36-0	mg/L	5/16/2019	ND	
MW-19	d	Antimony	7440-36-0	mg/L	5/16/2019	ND	
MW-28	d	Antimony	7440-36-0	mg/L	5/16/2019	ND	
MW-55	d	Antimony	7440-36-0	mg/L	5/16/2019	ND	
MW-50	d	Antimony	7440-36-0	mg/L	5/20/2019	ND	
MW-51	d	Antimony	7440-36-0	mg/L	5/20/2019	ND	
MW-52	d	Antimony	7440-36-0	mg/L	5/20/2019	ND	
MW-54	d	Antimony	7440-36-0	mg/L	5/20/2019	ND	
MW-56	d	Antimony	7440-36-0	mg/L	5/20/2019	ND	
MW-53	d	Antimony	7440-36-0	mg/L	5/21/2019	ND	
MW-14R	d	Antimony	7440-36-0	mg/L	9/11/2019	ND	
MW-29	d	Antimony	7440-36-0	mg/L	9/11/2019	ND	
MW-33R	d	Antimony	7440-36-0	mg/L	9/11/2019	ND	
MW-58	d	Antimony	7440-36-0	mg/L	9/11/2019	ND	
GU-3A	d	Antimony	7440-36-0	mg/L	3/16/2020	ND	
MW-33R	d	Antimony	7440-36-0	mg/L	3/16/2020	ND	
MW-19	d	Antimony	7440-36-0	mg/L	7/20/2020	ND	
MW-28	d	Antimony	7440-36-0	mg/L	7/20/2020	ND	
MW-51	d	Antimony	7440-36-0	mg/L	7/20/2020	ND	
MW-55	d	Antimony	7440-36-0	mg/L	7/20/2020	ND	
MW-56	d	Antimony	7440-36-0	mg/L	7/20/2020	ND	
MW-57R	d	Antimony	7440-36-0	mg/L	7/20/2020	ND	
MW-73	d	Antimony	7440-36-0	mg/L	7/20/2020	ND	
MW-18	d	Antimony	7440-36-0	mg/L	7/21/2020	ND	
MW-50	d	Antimony	7440-36-0	mg/L	7/21/2020	ND	
MW-52	d	Antimony	7440-36-0	mg/L	7/21/2020	ND	
MW-53	d	Antimony	7440-36-0	mg/L	7/21/2020	ND	
MW-54	d	Antimony	7440-36-0	mg/L	7/21/2020	ND	
MW-55	d	Antimony	7440-36-0	mg/L	11/12/2020	ND	
MW-32R	d	Antimony	7440-36-0	mg/L	8/24/2021		<0.00200
MW-33R	d	Antimony	7440-36-0	mg/L	8/24/2021		<0.00200
MW-14R	d	Antimony	7440-36-0	mg/L	8/24/2021		<0.00200
MW-31R	d	Antimony	7440-36-0	mg/L	8/24/2021		<0.00200
MW-29	d	Antimony	7440-36-0	mg/L	8/25/2021		<0.00200
MW-58	d	Antimony	7440-36-0	mg/L	8/25/2021		<0.00200
MW-30R	d	Antimony	7440-36-0	mg/L	8/25/2021		<0.00200
MW-57R	d	Antimony	7440-36-0	mg/L	8/26/2021		<0.00200
MW-73	d	Antimony	7440-36-0	mg/L	8/27/2021		<0.00200
GU-3A	d	Antimony	7440-36-0	mg/L	9/8/2021		<0.00200
MW-24R	u	Antimony	7440-36-0	mg/L	12/7/2021		<0.00200
MW-28	d	Antimony	7440-36-0	mg/L	12/7/2021		<0.00200
MW-57R	d	Antimony	7440-36-0	mg/L	12/7/2021		<0.00200
MW-73	d	Antimony	7440-36-0	mg/L	12/7/2021		<0.00200
MW-56	d	Antimony	7440-36-0	mg/L	12/7/2021		<0.00200
MW-19	d	Antimony	7440-36-0	mg/L	12/7/2021		<0.00200
MW-18	d	Antimony	7440-36-0	mg/L	12/7/2021		<0.00200
MW-55	d	Antimony	7440-36-0	mg/L	12/7/2021		<0.00200
MW-50	d	Antimony	7440-36-0	mg/L	12/7/2021		<0.00200
MW-23	u	Antimony	7440-36-0	mg/L	12/8/2021		<0.00200
MW-39	d	Antimony	7440-36-0	mg/L	12/8/2021		<0.00200
MW-51	d	Antimony	7440-36-0	mg/L	12/8/2021		<0.00200
MW-52	d	Antimony	7440-36-0	mg/L	12/8/2021		<0.00200
MW-53	d	Antimony	7440-36-0	mg/L	12/8/2021		<0.00200
MW-54	d	Antimony	7440-36-0	mg/L	12/8/2021		<0.00200

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	Arsenic	7440-38-2	mg/L	1/15/2010		0.0125
MW-51	d	Arsenic	7440-38-2	mg/L	1/15/2010		0.00117
MW-24R	u	Arsenic	7440-38-2	mg/L	2/11/2010	ND	
MW-53	d	Arsenic	7440-38-2	mg/L	2/11/2010	ND	
GU-3A	d	Arsenic	7440-38-2	mg/L	3/24/2010	ND	
MW-20	d	Arsenic	7440-38-2	mg/L	3/24/2010		0.00753
MW-21	d	Arsenic	7440-38-2	mg/L	3/24/2010	ND	
MW-22R	d	Arsenic	7440-38-2	mg/L	3/24/2010	ND	
MW-52	d	Arsenic	7440-38-2	mg/L	3/24/2010		0.0522
MW-54	d	Arsenic	7440-38-2	mg/L	3/24/2010		0.0167
MW-55	d	Arsenic	7440-38-2	mg/L	3/24/2010	ND	
MW-28	d	Arsenic	7440-38-2	mg/L	4/9/2010		0.00846
MW-33R	d	Arsenic	7440-38-2	mg/L	4/9/2010		0.00986
MW-50	d	Arsenic	7440-38-2	mg/L	4/9/2010	ND	
MW-54	d	Arsenic	7440-38-2	mg/L	4/9/2010		0.019
MW-56	d	Arsenic	7440-38-2	mg/L	4/9/2010		0.0146
MW-57	d	Arsenic	7440-38-2	mg/L	4/9/2010		0.016
MW-58	d	Arsenic	7440-38-2	mg/L	4/9/2010		0.00102
MW-32R	d	Arsenic	7440-38-2	mg/L	5/18/2010		0.0171
MW-52	d	Arsenic	7440-38-2	mg/L	5/18/2010		0.0173
MW-55	d	Arsenic	7440-38-2	mg/L	5/18/2010	ND	
MW-14R	d	Arsenic	7440-38-2	mg/L	6/17/2010		0.00924
MW-19	d	Arsenic	7440-38-2	mg/L	6/17/2010	ND	
MW-29	d	Arsenic	7440-38-2	mg/L	6/17/2010		0.0057
MW-30R	d	Arsenic	7440-38-2	mg/L	6/17/2010		0.0444
MW-31R	d	Arsenic	7440-38-2	mg/L	6/17/2010	ND	
MW-51	d	Arsenic	7440-38-2	mg/L	6/17/2010	ND	
MW-21	d	Arsenic	7440-38-2	mg/L	7/21/2010		0.0219
MW-54	d	Arsenic	7440-38-2	mg/L	7/21/2010		0.012
MW-20	d	Arsenic	7440-38-2	mg/L	8/17/2010		0.00834
MW-29	d	Arsenic	7440-38-2	mg/L	8/17/2010	ND	
MW-39	d	Arsenic	7440-38-2	mg/L	8/17/2010	ND	
MW-51	d	Arsenic	7440-38-2	mg/L	8/17/2010	ND	
GU-3A	d	Arsenic	7440-38-2	mg/L	9/17/2010	ND	
MW-22R	d	Arsenic	7440-38-2	mg/L	9/17/2010		0.00799
MW-55	d	Arsenic	7440-38-2	mg/L	9/17/2010		0.00605
MW-19	d	Arsenic	7440-38-2	mg/L	10/22/2010	ND	
MW-24R	u	Arsenic	7440-38-2	mg/L	10/22/2010	ND	
MW-30R	d	Arsenic	7440-38-2	mg/L	10/22/2010		0.0166
MW-31R	d	Arsenic	7440-38-2	mg/L	10/22/2010	ND	
MW-50	d	Arsenic	7440-38-2	mg/L	10/22/2010	ND	
MW-53	d	Arsenic	7440-38-2	mg/L	10/22/2010	ND	
MW-56	d	Arsenic	7440-38-2	mg/L	10/22/2010	ND	
MW-58	d	Arsenic	7440-38-2	mg/L	10/22/2010		0.0351
MW-14R	d	Arsenic	7440-38-2	mg/L	11/8/2010		0.0117
MW-32R	d	Arsenic	7440-38-2	mg/L	11/8/2010		0.00132
MW-57	d	Arsenic	7440-38-2	mg/L	11/8/2010		0.039
MW-28	d	Arsenic	7440-38-2	mg/L	12/15/2010		0.00982
MW-33R	d	Arsenic	7440-38-2	mg/L	12/15/2010		0.0443
MW-52	d	Arsenic	7440-38-2	mg/L	12/15/2010		0.0699
MW-54	d	Arsenic	7440-38-2	mg/L	1/12/2011		0.0342
MW-54	d	Arsenic	7440-38-2	mg/L	1/12/2011		0.0592
MW-20	d	Arsenic	7440-38-2	mg/L	2/22/2011		0.00965
MW-22R	d	Arsenic	7440-38-2	mg/L	2/22/2011		0.00759
MW-51	d	Arsenic	7440-38-2	mg/L	2/22/2011	ND	
MW-52	d	Arsenic	7440-38-2	mg/L	2/22/2011		0.0319
MW-53	d	Arsenic	7440-38-2	mg/L	2/22/2011	ND	
MW-55	d	Arsenic	7440-38-2	mg/L	2/22/2011	ND	
GU-3A	d	Arsenic	7440-38-2	mg/L	3/2/2011	ND	
MW-21	d	Arsenic	7440-38-2	mg/L	3/2/2011		0.0293
MW-21	d	Arsenic	7440-38-2	mg/L	3/2/2011		0.0265
MW-29	d	Arsenic	7440-38-2	mg/L	4/21/2011		0.00685
MW-30R	d	Arsenic	7440-38-2	mg/L	4/21/2011		0.0383
MW-31R	d	Arsenic	7440-38-2	mg/L	4/21/2011	ND	
MW-31R	d	Arsenic	7440-38-2	mg/L	4/21/2011	ND	
MW-32R	d	Arsenic	7440-38-2	mg/L	4/21/2011		0.00248
MW-54	d	Arsenic	7440-38-2	mg/L	5/31/2011		0.0591
MW-56	d	Arsenic	7440-38-2	mg/L	5/31/2011	ND	
MW-57	d	Arsenic	7440-38-2	mg/L	5/31/2011		0.00734
MW-58	d	Arsenic	7440-38-2	mg/L	5/31/2011		0.0224
MW-14R	d	Arsenic	7440-38-2	mg/L	6/7/2011		0.016
MW-14R	d	Arsenic	7440-38-2	mg/L	6/7/2011		0.0175
MW-19	d	Arsenic	7440-38-2	mg/L	6/7/2011	ND	
MW-28	d	Arsenic	7440-38-2	mg/L	6/7/2011		0.00869
MW-33R	d	Arsenic	7440-38-2	mg/L	6/7/2011		0.0211
MW-39	d	Arsenic	7440-38-2	mg/L	6/7/2011	ND	
MW-50	d	Arsenic	7440-38-2	mg/L	6/7/2011	ND	
MW-52	d	Arsenic	7440-38-2	mg/L	7/22/2011		0.0555
MW-56	d	Arsenic	7440-38-2	mg/L	7/22/2011	ND	
MW-58	d	Arsenic	7440-38-2	mg/L	7/22/2011		0.0262
MW-14R	d	Arsenic	7440-38-2	mg/L	8/29/2011		0.0161
MW-19	d	Arsenic	7440-38-2	mg/L	8/29/2011	ND	
MW-19	d	Arsenic	7440-38-2	mg/L	8/29/2011	ND	
MW-32R	d	Arsenic	7440-38-2	mg/L	8/29/2011		0.00134
GU-3A	d	Arsenic	7440-38-2	mg/L	9/9/2011	ND	
MW-22R	d	Arsenic	7440-38-2	mg/L	9/9/2011		0.00417
MW-23	u	Arsenic	7440-38-2	mg/L	9/9/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-24R	u	Arsenic	7440-38-2	mg/L	9/9/2011	ND	
MW-28	d	Arsenic	7440-38-2	mg/L	9/9/2011		0.00687
MW-29	d	Arsenic	7440-38-2	mg/L	9/9/2011		0.0112
MW-51	d	Arsenic	7440-38-2	mg/L	9/9/2011	ND	
MW-53	d	Arsenic	7440-38-2	mg/L	9/9/2011	ND	
MW-53	d	Arsenic	7440-38-2	mg/L	9/9/2011	ND	
MW-21	d	Arsenic	7440-38-2	mg/L	10/4/2011		0.0243
MW-50	d	Arsenic	7440-38-2	mg/L	10/4/2011	ND	
MW-50	d	Arsenic	7440-38-2	mg/L	10/4/2011	ND	
MW-54	d	Arsenic	7440-38-2	mg/L	10/4/2011		0.0146
MW-57	d	Arsenic	7440-38-2	mg/L	10/4/2011		0.0128
MW-20	d	Arsenic	7440-38-2	mg/L	11/29/2011		0.00843
MW-30R	d	Arsenic	7440-38-2	mg/L	11/29/2011		0.0161
MW-52	d	Arsenic	7440-38-2	mg/L	11/29/2011		0.0688
MW-55	d	Arsenic	7440-38-2	mg/L	11/29/2011		0.005
MW-31R	d	Arsenic	7440-38-2	mg/L	12/16/2011	ND	
MW-33R	d	Arsenic	7440-38-2	mg/L	12/16/2011		0.0126
MW-39	d	Arsenic	7440-38-2	mg/L	12/16/2011	ND	
MW-14R	d	Arsenic	7440-38-2	mg/L	3/8/2012		0.00971
MW-19	d	Arsenic	7440-38-2	mg/L	3/8/2012	ND	
MW-20	d	Arsenic	7440-38-2	mg/L	3/8/2012		0.0108
MW-21	d	Arsenic	7440-38-2	mg/L	3/8/2012		0.0265
MW-22R	d	Arsenic	7440-38-2	mg/L	3/8/2012		0.00538
MW-23	u	Arsenic	7440-38-2	mg/L	3/8/2012	ND	
MW-24R	u	Arsenic	7440-38-2	mg/L	3/8/2012	ND	
MW-28	d	Arsenic	7440-38-2	mg/L	3/8/2012		0.00861
MW-39	d	Arsenic	7440-38-2	mg/L	3/8/2012		0.00102
MW-55	d	Arsenic	7440-38-2	mg/L	3/8/2012	ND	
MW-56	d	Arsenic	7440-38-2	mg/L	3/8/2012		0.00154
MW-57	d	Arsenic	7440-38-2	mg/L	3/8/2012		0.0289
MW-58	d	Arsenic	7440-38-2	mg/L	3/8/2012		0.0181
GU-3A	d	Arsenic	7440-38-2	mg/L	6/13/2012		0.00565
MW-29	d	Arsenic	7440-38-2	mg/L	6/13/2012		0.0114
MW-30R	d	Arsenic	7440-38-2	mg/L	6/13/2012		0.0118
MW-31R	d	Arsenic	7440-38-2	mg/L	6/13/2012	ND	
MW-32R	d	Arsenic	7440-38-2	mg/L	6/13/2012	ND	
MW-33R	d	Arsenic	7440-38-2	mg/L	6/13/2012		0.0113
MW-50	d	Arsenic	7440-38-2	mg/L	6/13/2012	ND	
MW-50	d	Arsenic	7440-38-2	mg/L	6/13/2012	ND	
MW-51	d	Arsenic	7440-38-2	mg/L	6/13/2012	ND	
MW-52	d	Arsenic	7440-38-2	mg/L	6/13/2012		0.0465
MW-53	d	Arsenic	7440-38-2	mg/L	6/13/2012	ND	
MW-54	d	Arsenic	7440-38-2	mg/L	6/13/2012		0.0193
GU-3A	d	Arsenic	7440-38-2	mg/L	9/4/2012	ND	
MW-20	d	Arsenic	7440-38-2	mg/L	9/4/2012		0.00715
MW-21	d	Arsenic	7440-38-2	mg/L	9/4/2012		0.0225
MW-22R	d	Arsenic	7440-38-2	mg/L	9/4/2012		0.00314
MW-23	u	Arsenic	7440-38-2	mg/L	9/4/2012	ND	
MW-50	d	Arsenic	7440-38-2	mg/L	9/4/2012	ND	
MW-51	d	Arsenic	7440-38-2	mg/L	9/4/2012	ND	
MW-52	d	Arsenic	7440-38-2	mg/L	9/4/2012		0.0506
MW-53	d	Arsenic	7440-38-2	mg/L	9/4/2012	ND	
MW-54	d	Arsenic	7440-38-2	mg/L	9/4/2012		0.0134
MW-54	d	Arsenic	7440-38-2	mg/L	9/4/2012		0.0227
MW-57	d	Arsenic	7440-38-2	mg/L	9/4/2012		0.00866
MW-58	d	Arsenic	7440-38-2	mg/L	9/4/2012		0.00924
MW-14R	d	Arsenic	7440-38-2	mg/L	12/19/2012		0.0137
MW-19	d	Arsenic	7440-38-2	mg/L	12/19/2012	ND	
MW-28	d	Arsenic	7440-38-2	mg/L	12/19/2012		0.0389
MW-29	d	Arsenic	7440-38-2	mg/L	12/19/2012		0.0156
MW-30R	d	Arsenic	7440-38-2	mg/L	12/19/2012		0.0138
MW-31R	d	Arsenic	7440-38-2	mg/L	12/19/2012	ND	
MW-32R	d	Arsenic	7440-38-2	mg/L	12/19/2012	ND	
MW-33R	d	Arsenic	7440-38-2	mg/L	12/19/2012		0.0124
MW-33R	d	Arsenic	7440-38-2	mg/L	12/19/2012		0.0129
MW-39	d	Arsenic	7440-38-2	mg/L	12/19/2012	ND	
MW-55	d	Arsenic	7440-38-2	mg/L	12/19/2012	ND	
MW-56	d	Arsenic	7440-38-2	mg/L	12/19/2012	ND	
MW-14R	d	Arsenic	7440-38-2	mg/L	3/11/2013		0.00664
MW-19	d	Arsenic	7440-38-2	mg/L	3/11/2013	ND	
MW-23	u	Arsenic	7440-38-2	mg/L	3/11/2013	ND	
MW-28	d	Arsenic	7440-38-2	mg/L	3/11/2013		0.00833
MW-39	d	Arsenic	7440-38-2	mg/L	3/11/2013	ND	
MW-50	d	Arsenic	7440-38-2	mg/L	3/11/2013	ND	
MW-50	d	Arsenic	7440-38-2	mg/L	3/11/2013	ND	
MW-51	d	Arsenic	7440-38-2	mg/L	3/11/2013	ND	
MW-52	d	Arsenic	7440-38-2	mg/L	3/11/2013		0.0415
MW-53	d	Arsenic	7440-38-2	mg/L	3/11/2013	ND	
MW-54	d	Arsenic	7440-38-2	mg/L	3/11/2013		0.0401
MW-55	d	Arsenic	7440-38-2	mg/L	3/11/2013	ND	
MW-56	d	Arsenic	7440-38-2	mg/L	3/11/2013		0.00226
MW-20	d	Arsenic	7440-38-2	mg/L	6/10/2013		0.00899
MW-20	d	Arsenic	7440-38-2	mg/L	6/10/2013		0.00971
MW-21	d	Arsenic	7440-38-2	mg/L	6/10/2013		0.0225
MW-22R	d	Arsenic	7440-38-2	mg/L	6/10/2013		0.00114
MW-29	d	Arsenic	7440-38-2	mg/L	6/10/2013		0.0134
MW-30R	d	Arsenic	7440-38-2	mg/L	6/10/2013		0.0251

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	Arsenic	7440-38-2	mg/L	6/10/2013	ND	
MW-32R	d	Arsenic	7440-38-2	mg/L	6/10/2013	ND	
MW-33R	d	Arsenic	7440-38-2	mg/L	6/10/2013		0.00952
MW-57	d	Arsenic	7440-38-2	mg/L	6/10/2013		0.0196
MW-58	d	Arsenic	7440-38-2	mg/L	6/10/2013		0.0246
GU-3A	d	Arsenic	7440-38-2	mg/L	9/10/2013	J	0.00023
MW-23	u	Arsenic	7440-38-2	mg/L	9/10/2013	ND	
MW-31R	d	Arsenic	7440-38-2	mg/L	9/10/2013	ND	
MW-31R	d	Arsenic	7440-38-2	mg/L	9/10/2013	ND	
MW-32R	d	Arsenic	7440-38-2	mg/L	9/10/2013	ND	
MW-33R	d	Arsenic	7440-38-2	mg/L	9/10/2013		0.0127
MW-50	d	Arsenic	7440-38-2	mg/L	9/10/2013	ND	
MW-51	d	Arsenic	7440-38-2	mg/L	9/10/2013	ND	
MW-52	d	Arsenic	7440-38-2	mg/L	9/10/2013		0.0565
MW-53	d	Arsenic	7440-38-2	mg/L	9/10/2013	ND	
MW-54	d	Arsenic	7440-38-2	mg/L	9/10/2013		0.0161
MW-14R	d	Arsenic	7440-38-2	mg/L	12/18/2013		0.00313
MW-18	d	Arsenic	7440-38-2	mg/L	12/18/2013	J	0.00029
MW-19	d	Arsenic	7440-38-2	mg/L	12/18/2013	ND	
MW-20	d	Arsenic	7440-38-2	mg/L	12/18/2013		0.012
MW-21	d	Arsenic	7440-38-2	mg/L	12/18/2013		0.0328
MW-22R	d	Arsenic	7440-38-2	mg/L	12/18/2013		0.00592
MW-28	d	Arsenic	7440-38-2	mg/L	12/18/2013		0.00707
MW-30R	d	Arsenic	7440-38-2	mg/L	12/18/2013		0.018
MW-39	d	Arsenic	7440-38-2	mg/L	12/18/2013	ND	
MW-39	d	Arsenic	7440-38-2	mg/L	12/18/2013	ND	
MW-55	d	Arsenic	7440-38-2	mg/L	12/18/2013	ND	
MW-18	d	Arsenic	7440-38-2	mg/L	3/20/2014	ND	
MW-20	d	Arsenic	7440-38-2	mg/L	3/20/2014		0.0105
MW-21	d	Arsenic	7440-38-2	mg/L	3/20/2014		0.0271
MW-21	d	Arsenic	7440-38-2	mg/L	3/20/2014		0.0207
MW-22R	d	Arsenic	7440-38-2	mg/L	3/20/2014		0.00206
MW-23	u	Arsenic	7440-38-2	mg/L	3/20/2014	ND	
MW-30R	d	Arsenic	7440-38-2	mg/L	3/20/2014		0.0214
MW-31R	d	Arsenic	7440-38-2	mg/L	3/20/2014	ND	
MW-32R	d	Arsenic	7440-38-2	mg/L	3/20/2014	ND	
MW-33R	d	Arsenic	7440-38-2	mg/L	3/20/2014		0.027
MW-14R	d	Arsenic	7440-38-2	mg/L	6/24/2014	J	0.000927
MW-14R	d	Arsenic	7440-38-2	mg/L	6/24/2014	J	0.00056
MW-18	d	Arsenic	7440-38-2	mg/L	6/24/2014	ND	
MW-19	d	Arsenic	7440-38-2	mg/L	6/24/2014	ND	
MW-28	d	Arsenic	7440-38-2	mg/L	6/24/2014		0.00686
MW-39	d	Arsenic	7440-38-2	mg/L	6/24/2014	ND	
MW-50	d	Arsenic	7440-38-2	mg/L	6/24/2014	ND	
MW-51	d	Arsenic	7440-38-2	mg/L	6/24/2014	ND	
MW-52	d	Arsenic	7440-38-2	mg/L	6/24/2014		0.0517
MW-53	d	Arsenic	7440-38-2	mg/L	6/24/2014	ND	
MW-54	d	Arsenic	7440-38-2	mg/L	6/24/2014		0.0637
MW-55	d	Arsenic	7440-38-2	mg/L	6/24/2014	ND	
MW-58	d	Arsenic	7440-38-2	mg/L	6/24/2014		0.0193
MW-29	d	Arsenic	7440-38-2	mg/L	7/24/2014		0.0152
MW-56	d	Arsenic	7440-38-2	mg/L	7/24/2014		0.0136
MW-57	d	Arsenic	7440-38-2	mg/L	7/24/2014		0.024
GU-3A	d	Arsenic	7440-38-2	mg/L	9/24/2014		0.00757
MW-18	d	Arsenic	7440-38-2	mg/L	9/24/2014	ND	
MW-23	u	Arsenic	7440-38-2	mg/L	9/24/2014	ND	
MW-24R	u	Arsenic	7440-38-2	mg/L	9/24/2014	ND	
MW-29	d	Arsenic	7440-38-2	mg/L	9/24/2014		0.0226
MW-30R	d	Arsenic	7440-38-2	mg/L	9/24/2014		0.0254
MW-31R	d	Arsenic	7440-38-2	mg/L	9/24/2014	ND	
MW-31R	d	Arsenic	7440-38-2	mg/L	9/24/2014	ND	
MW-32R	d	Arsenic	7440-38-2	mg/L	9/24/2014	ND	
MW-33R	d	Arsenic	7440-38-2	mg/L	9/24/2014		0.00841
MW-50	d	Arsenic	7440-38-2	mg/L	9/24/2014	ND	
MW-51	d	Arsenic	7440-38-2	mg/L	9/24/2014	ND	
MW-52	d	Arsenic	7440-38-2	mg/L	9/24/2014		0.0602
MW-53	d	Arsenic	7440-38-2	mg/L	9/24/2014	ND	
MW-54	d	Arsenic	7440-38-2	mg/L	9/24/2014		0.0295
MW-14R	d	Arsenic	7440-38-2	mg/L	12/4/2014		0.0058
MW-18	d	Arsenic	7440-38-2	mg/L	12/4/2014	ND	
MW-19	d	Arsenic	7440-38-2	mg/L	12/4/2014	ND	
MW-20	d	Arsenic	7440-38-2	mg/L	12/4/2014		0.00872
MW-21	d	Arsenic	7440-38-2	mg/L	12/4/2014		0.0388
MW-22R	d	Arsenic	7440-38-2	mg/L	12/4/2014	J	0.000981
MW-28	d	Arsenic	7440-38-2	mg/L	12/4/2014		0.00757
MW-39	d	Arsenic	7440-38-2	mg/L	12/4/2014	J	0.000213
MW-56	d	Arsenic	7440-38-2	mg/L	12/4/2014		0.0246
MW-57	d	Arsenic	7440-38-2	mg/L	12/4/2014		0.0499
MW-57	d	Arsenic	7440-38-2	mg/L	12/4/2014		0.047
MW-58	d	Arsenic	7440-38-2	mg/L	12/4/2014		0.0121
MW-14R	d	Arsenic	7440-38-2	mg/L	3/11/2015		0.00674
MW-18	d	Arsenic	7440-38-2	mg/L	3/11/2015	ND	
MW-19	d	Arsenic	7440-38-2	mg/L	3/11/2015	ND	
MW-20	d	Arsenic	7440-38-2	mg/L	3/11/2015		0.0124
MW-21	d	Arsenic	7440-38-2	mg/L	3/11/2015		0.0227
MW-22R	d	Arsenic	7440-38-2	mg/L	3/11/2015	J	0.00191
MW-23	u	Arsenic	7440-38-2	mg/L	3/11/2015	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-24R	u	Arsenic	7440-38-2	mg/L	3/11/2015	ND	
MW-28	d	Arsenic	7440-38-2	mg/L	3/11/2015		0.00741
MW-39	d	Arsenic	7440-38-2	mg/L	3/11/2015	ND	
MW-55	d	Arsenic	7440-38-2	mg/L	3/11/2015	ND	
MW-56	d	Arsenic	7440-38-2	mg/L	3/11/2015		0.0182
MW-57	d	Arsenic	7440-38-2	mg/L	3/11/2015		0.0381
MW-58	d	Arsenic	7440-38-2	mg/L	3/11/2015		0.0167
MW-58	d	Arsenic	7440-38-2	mg/L	3/11/2015		0.0177
MW-29	d	Arsenic	7440-38-2	mg/L	6/29/2015		0.0607
MW-30R	d	Arsenic	7440-38-2	mg/L	6/29/2015		0.0419
MW-31R	d	Arsenic	7440-38-2	mg/L	6/29/2015	ND	
MW-31R	d	Arsenic	7440-38-2	mg/L	6/29/2015	ND	
MW-32R	d	Arsenic	7440-38-2	mg/L	6/29/2015	ND	
MW-33R	d	Arsenic	7440-38-2	mg/L	6/29/2015		0.0143
MW-50	d	Arsenic	7440-38-2	mg/L	6/29/2015	ND	
MW-51	d	Arsenic	7440-38-2	mg/L	6/29/2015	ND	
MW-52	d	Arsenic	7440-38-2	mg/L	6/29/2015		0.0695
MW-53	d	Arsenic	7440-38-2	mg/L	6/29/2015	ND	
MW-54	d	Arsenic	7440-38-2	mg/L	6/29/2015		0.0236
MW-68	d	Arsenic	7440-38-2	mg/L	6/30/2015	ND	
MW-70	d	Arsenic	7440-38-2	mg/L	6/30/2015	ND	
MW-72	d	Arsenic	7440-38-2	mg/L	6/30/2015		0.0697
GU-3A	d	Arsenic	7440-38-2	mg/L	9/22/2015		0.0359
MW-14R	d	Arsenic	7440-38-2	mg/L	9/22/2015	J	0.00174
MW-20	d	Arsenic	7440-38-2	mg/L	9/22/2015		0.0103
MW-21	d	Arsenic	7440-38-2	mg/L	9/22/2015		0.016
MW-29	d	Arsenic	7440-38-2	mg/L	9/22/2015		0.0684
MW-30R	d	Arsenic	7440-38-2	mg/L	9/22/2015		0.0111
MW-31R	d	Arsenic	7440-38-2	mg/L	9/22/2015	ND	
MW-32R	d	Arsenic	7440-38-2	mg/L	9/22/2015	ND	
MW-33R	d	Arsenic	7440-38-2	mg/L	9/22/2015		0.0214
MW-52	d	Arsenic	7440-38-2	mg/L	9/22/2015		0.0551
MW-53	d	Arsenic	7440-38-2	mg/L	9/22/2015	ND	
MW-54	d	Arsenic	7440-38-2	mg/L	9/22/2015		0.0188
MW-57	d	Arsenic	7440-38-2	mg/L	9/22/2015		0.0298
MW-58	d	Arsenic	7440-38-2	mg/L	9/22/2015		0.00637
MW-68	d	Arsenic	7440-38-2	mg/L	9/24/2015		0.0116
MW-70	d	Arsenic	7440-38-2	mg/L	9/25/2015	ND	
MW-72	d	Arsenic	7440-38-2	mg/L	9/25/2015		0.081
MW-14R	d	Arsenic	7440-38-2	mg/L	2/15/2016		0.00876
MW-14R	d	Arsenic	7440-38-2	mg/L	2/15/2016		0.00877
MW-18	d	Arsenic	7440-38-2	mg/L	2/15/2016	J	0.00109
MW-19	d	Arsenic	7440-38-2	mg/L	2/15/2016	ND	
MW-29	d	Arsenic	7440-38-2	mg/L	2/15/2016		0.0664
MW-30R	d	Arsenic	7440-38-2	mg/L	2/15/2016		0.0204
MW-31R	d	Arsenic	7440-38-2	mg/L	2/15/2016		0.00368
MW-32R	d	Arsenic	7440-38-2	mg/L	2/15/2016	J	0.00193
MW-33R	d	Arsenic	7440-38-2	mg/L	2/15/2016		0.027
MW-39	d	Arsenic	7440-38-2	mg/L	2/15/2016	ND	
MW-20	d	Arsenic	7440-38-2	mg/L	2/16/2016		0.013
MW-21	d	Arsenic	7440-38-2	mg/L	2/16/2016		0.0362
MW-34	d	Arsenic	7440-38-2	mg/L	2/16/2016		0.0278
MW-55	d	Arsenic	7440-38-2	mg/L	2/16/2016	ND	
MW-56	d	Arsenic	7440-38-2	mg/L	2/16/2016		0.0213
MW-57	d	Arsenic	7440-38-2	mg/L	2/16/2016		0.0454
MW-58	d	Arsenic	7440-38-2	mg/L	2/16/2016		0.037
MW-68	d	Arsenic	7440-38-2	mg/L	2/16/2016		0.0125
MW-71	d	Arsenic	7440-38-2	mg/L	2/16/2016		0.099
MW-22R	d	Arsenic	7440-38-2	mg/L	2/17/2016		0.0132
MW-23	u	Arsenic	7440-38-2	mg/L	2/17/2016	ND	
MW-24R	u	Arsenic	7440-38-2	mg/L	2/17/2016	ND	
MW-53	d	Arsenic	7440-38-2	mg/L	2/17/2016	ND	
MW-54	d	Arsenic	7440-38-2	mg/L	2/17/2016		0.0323
MW-63	d	Arsenic	7440-38-2	mg/L	2/17/2016	J	0.00127
MW-65	d	Arsenic	7440-38-2	mg/L	2/17/2016		0.00393
MW-70	d	Arsenic	7440-38-2	mg/L	2/17/2016	ND	
MW-72	d	Arsenic	7440-38-2	mg/L	2/17/2016		0.112
PZ-11	d	Arsenic	7440-38-2	mg/L	2/17/2016		0.00522
MW-52	d	Arsenic	7440-38-2	mg/L	5/4/2016		0.0693
MW-59	d	Arsenic	7440-38-2	mg/L	5/4/2016	ND	
MW-60	d	Arsenic	7440-38-2	mg/L	5/4/2016	ND	
MW-28	d	Arsenic	7440-38-2	mg/L	8/25/2016		0.0266
MW-29	d	Arsenic	7440-38-2	mg/L	8/25/2016		0.0301
MW-30R	d	Arsenic	7440-38-2	mg/L	8/25/2016		0.0353
MW-31R	d	Arsenic	7440-38-2	mg/L	8/25/2016	J	0.000919
MW-32R	d	Arsenic	7440-38-2	mg/L	8/25/2016	ND	
MW-33R	d	Arsenic	7440-38-2	mg/L	8/25/2016		0.0224
MW-50	d	Arsenic	7440-38-2	mg/L	8/25/2016	ND	
MW-51	d	Arsenic	7440-38-2	mg/L	8/25/2016	ND	
MW-52	d	Arsenic	7440-38-2	mg/L	8/25/2016		0.105
MW-53	d	Arsenic	7440-38-2	mg/L	8/25/2016	ND	
MW-54	d	Arsenic	7440-38-2	mg/L	8/25/2016		0.0255
MW-72	d	Arsenic	7440-38-2	mg/L	8/25/2016		0.0466
GU-3A	d	Arsenic	7440-38-2	mg/L	8/26/2016	J	0.00117
PZ-13	d	Arsenic	7440-38-2	mg/L	8/26/2016	J	0.00143
MW-18	d	Arsenic	7440-38-2	mg/L	1/17/2017	J	0.000688
MW-19	d	Arsenic	7440-38-2	mg/L	1/17/2017	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-22R	d	Arsenic	7440-38-2	mg/L	1/17/2017		0.0331
MW-23	u	Arsenic	7440-38-2	mg/L	1/17/2017	ND	
MW-24R	u	Arsenic	7440-38-2	mg/L	1/17/2017	ND	
MW-28	d	Arsenic	7440-38-2	mg/L	1/17/2017		0.00726
MW-28	d	Arsenic	7440-38-2	mg/L	1/17/2017		0.00726
MW-39	d	Arsenic	7440-38-2	mg/L	1/17/2017	ND	
MW-50	d	Arsenic	7440-38-2	mg/L	1/17/2017	ND	
MW-51	d	Arsenic	7440-38-2	mg/L	1/17/2017	ND	
MW-53	d	Arsenic	7440-38-2	mg/L	1/17/2017	ND	
MW-54	d	Arsenic	7440-38-2	mg/L	1/17/2017		0.0274
MW-56	d	Arsenic	7440-38-2	mg/L	1/17/2017		0.00999
GU-3A	d	Arsenic	7440-38-2	mg/L	7/10/2017	ND	
MW-14R	d	Arsenic	7440-38-2	mg/L	7/10/2017		0.0021
MW-20	d	Arsenic	7440-38-2	mg/L	7/10/2017		0.00842
MW-21	d	Arsenic	7440-38-2	mg/L	7/10/2017		0.0155
MW-29	d	Arsenic	7440-38-2	mg/L	7/10/2017		0.0105
MW-30R	d	Arsenic	7440-38-2	mg/L	7/10/2017		0.0321
MW-31R	d	Arsenic	7440-38-2	mg/L	7/10/2017	ND	
MW-32R	d	Arsenic	7440-38-2	mg/L	7/10/2017	ND	
MW-32R	d	Arsenic	7440-38-2	mg/L	7/10/2017	J	0.000555
MW-33R	d	Arsenic	7440-38-2	mg/L	7/10/2017		0.0211
MW-57	d	Arsenic	7440-38-2	mg/L	7/10/2017		0.0307
MW-58	d	Arsenic	7440-38-2	mg/L	7/10/2017		0.019
MW-59	d	Arsenic	7440-38-2	mg/L	7/10/2017	J	0.000653
MW-60	d	Arsenic	7440-38-2	mg/L	7/10/2017	ND	
MW-70	d	Arsenic	7440-38-2	mg/L	7/10/2017	ND	
MW-72	d	Arsenic	7440-38-2	mg/L	7/10/2017		0.0512
PZ-13	d	Arsenic	7440-38-2	mg/L	7/10/2017	J	0.000908
MW-52	d	Arsenic	7440-38-2	mg/L	10/17/2017		0.0916
MW-55	d	Arsenic	7440-38-2	mg/L	10/17/2017	J	0.000621
GU-3A	d	Arsenic	7440-38-2	mg/L	4/3/2018		0.00455
GU-3A	d	Arsenic	7440-38-2	mg/L	4/3/2018		0.0968
MW-14R	d	Arsenic	7440-38-2	mg/L	4/3/2018		0.00377
MW-20	d	Arsenic	7440-38-2	mg/L	4/3/2018		0.0153
MW-21	d	Arsenic	7440-38-2	mg/L	4/3/2018		0.0353
MW-29	d	Arsenic	7440-38-2	mg/L	4/3/2018		0.00898
MW-30R	d	Arsenic	7440-38-2	mg/L	4/3/2018		0.0196
MW-31R	d	Arsenic	7440-38-2	mg/L	4/3/2018		0.00334
MW-32R	d	Arsenic	7440-38-2	mg/L	4/3/2018	J	0.000808
MW-33R	d	Arsenic	7440-38-2	mg/L	4/3/2018		0.0266
MW-33R	d	Arsenic	7440-38-2	mg/L	4/3/2018		0.0287
MW-57	d	Arsenic	7440-38-2	mg/L	4/3/2018		0.0501
MW-58	d	Arsenic	7440-38-2	mg/L	4/3/2018		0.0424
MW-59	d	Arsenic	7440-38-2	mg/L	4/3/2018	J	0.00171
MW-60	d	Arsenic	7440-38-2	mg/L	4/3/2018	ND	
MW-70	d	Arsenic	7440-38-2	mg/L	4/3/2018	J	0.000641
MW-72	d	Arsenic	7440-38-2	mg/L	4/3/2018		0.064
PZ-13	d	Arsenic	7440-38-2	mg/L	4/3/2018	J	0.00183
SW-101	d	Arsenic	7440-38-2	mg/L	4/3/2018	J	0.00128
SW-102	d	Arsenic	7440-38-2	mg/L	4/3/2018		0.00441
SW-103	d	Arsenic	7440-38-2	mg/L	4/3/2018	J	0.00135
SW-106	d	Arsenic	7440-38-2	mg/L	4/3/2018		0.00341
SW-107	d	Arsenic	7440-38-2	mg/L	4/3/2018	J	0.00145
MW-62	d	Arsenic	7440-38-2	mg/L	5/4/2018		0.00128
MW-23	u	Arsenic	7440-38-2	mg/L	11/1/2018	ND	
MW-24R	u	Arsenic	7440-38-2	mg/L	11/1/2018	ND	
MW-39	d	Arsenic	7440-38-2	mg/L	11/1/2018		0.00247
MW-50	d	Arsenic	7440-38-2	mg/L	11/1/2018	ND	
MW-51	d	Arsenic	7440-38-2	mg/L	11/1/2018	ND	
MW-52	d	Arsenic	7440-38-2	mg/L	11/1/2018		0.0696
MW-53	d	Arsenic	7440-38-2	mg/L	11/1/2018	ND	
MW-54	d	Arsenic	7440-38-2	mg/L	11/1/2018		0.0289
MW-55	d	Arsenic	7440-38-2	mg/L	11/1/2018	ND	
MW-18	d	Arsenic	7440-38-2	mg/L	11/2/2018	J	0.000641
MW-19	d	Arsenic	7440-38-2	mg/L	11/2/2018	ND	
MW-22R	d	Arsenic	7440-38-2	mg/L	11/2/2018		0.00672
MW-28	d	Arsenic	7440-38-2	mg/L	11/2/2018		0.00728
MW-56	d	Arsenic	7440-38-2	mg/L	11/2/2018		0.0248
MW-18	d	Arsenic	7440-38-2	mg/L	5/16/2019	J	0.000879
MW-19	d	Arsenic	7440-38-2	mg/L	5/16/2019	ND	
MW-23	u	Arsenic	7440-38-2	mg/L	5/16/2019	ND	
MW-24R	u	Arsenic	7440-38-2	mg/L	5/16/2019	ND	
MW-28	d	Arsenic	7440-38-2	mg/L	5/16/2019		0.00672
MW-39	d	Arsenic	7440-38-2	mg/L	5/16/2019	ND	
MW-55	d	Arsenic	7440-38-2	mg/L	5/16/2019	ND	
MW-50	d	Arsenic	7440-38-2	mg/L	5/20/2019	J	0.000729
MW-51	d	Arsenic	7440-38-2	mg/L	5/20/2019	J	0.000753
MW-52	d	Arsenic	7440-38-2	mg/L	5/20/2019		0.055
MW-54	d	Arsenic	7440-38-2	mg/L	5/20/2019		0.057
MW-56	d	Arsenic	7440-38-2	mg/L	5/20/2019		0.00772
MW-53	d	Arsenic	7440-38-2	mg/L	5/21/2019	J	0.000854
MW-14R	d	Arsenic	7440-38-2	mg/L	9/11/2019	J	0.00163
MW-29	d	Arsenic	7440-38-2	mg/L	9/11/2019		0.00871
MW-30R	d	Arsenic	7440-38-2	mg/L	9/11/2019		0.0197
MW-31R	d	Arsenic	7440-38-2	mg/L	9/11/2019	ND	
MW-32R	d	Arsenic	7440-38-2	mg/L	9/11/2019	ND	
MW-33R	d	Arsenic	7440-38-2	mg/L	9/11/2019		0.01

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	Arsenic	7440-38-2	mg/L	9/11/2019		0.031
MW-60	d	Arsenic	7440-38-2	mg/L	9/11/2019	ND	
MW-62	d	Arsenic	7440-38-2	mg/L	9/13/2019	J	0.00124
MW-70	d	Arsenic	7440-38-2	mg/L	9/13/2019	ND	
PZ-13	d	Arsenic	7440-38-2	mg/L	9/13/2019	J	0.0018
SW-101	d	Arsenic	7440-38-2	mg/L	9/25/2019		0.00312
SW-102	d	Arsenic	7440-38-2	mg/L	9/25/2019		0.00396
SW-103	d	Arsenic	7440-38-2	mg/L	9/25/2019		0.00259
SW-106	d	Arsenic	7440-38-2	mg/L	9/25/2019		0.00214
SW-107	d	Arsenic	7440-38-2	mg/L	9/25/2019		0.00296
SW-101	d	Arsenic	7440-38-2	mg/L	3/10/2020	J	0.00111
SW-102	d	Arsenic	7440-38-2	mg/L	3/10/2020	J	0.00103
SW-103	d	Arsenic	7440-38-2	mg/L	3/10/2020	ND	
SW-106	d	Arsenic	7440-38-2	mg/L	3/10/2020	J	0.000965
SW-107	d	Arsenic	7440-38-2	mg/L	3/10/2020	J	0.000913
GU-3A	d	Arsenic	7440-38-2	mg/L	3/16/2020		0.0298
MW-31R	d	Arsenic	7440-38-2	mg/L	3/16/2020	J	0.00107
MW-32R	d	Arsenic	7440-38-2	mg/L	3/16/2020	ND	
MW-33R	d	Arsenic	7440-38-2	mg/L	3/16/2020		0.00965
MW-14R	d	Arsenic	7440-38-2	mg/L	3/17/2020		0.00226
MW-29	d	Arsenic	7440-38-2	mg/L	3/17/2020		0.00904
MW-30R	d	Arsenic	7440-38-2	mg/L	3/17/2020		0.00973
MW-58	d	Arsenic	7440-38-2	mg/L	3/17/2020		0.0275
MW-60	d	Arsenic	7440-38-2	mg/L	3/17/2020	ND	
MW-62	d	Arsenic	7440-38-2	mg/L	3/17/2020	ND	
MW-70	d	Arsenic	7440-38-2	mg/L	3/17/2020	ND	
PZ-13	d	Arsenic	7440-38-2	mg/L	3/17/2020		0.00207
MW-19	d	Arsenic	7440-38-2	mg/L	7/20/2020	ND	
MW-28	d	Arsenic	7440-38-2	mg/L	7/20/2020		0.00753
MW-51	d	Arsenic	7440-38-2	mg/L	7/20/2020	ND	
MW-55	d	Arsenic	7440-38-2	mg/L	7/20/2020	ND	
MW-56	d	Arsenic	7440-38-2	mg/L	7/20/2020		0.0124
MW-57R	d	Arsenic	7440-38-2	mg/L	7/20/2020		0.00681
MW-73	d	Arsenic	7440-38-2	mg/L	7/20/2020		0.00644
MW-18	d	Arsenic	7440-38-2	mg/L	7/21/2020	J	0.00121
MW-39	d	Arsenic	7440-38-2	mg/L	7/21/2020	ND	
MW-50	d	Arsenic	7440-38-2	mg/L	7/21/2020	ND	
MW-52	d	Arsenic	7440-38-2	mg/L	7/21/2020		0.0559
MW-53	d	Arsenic	7440-38-2	mg/L	7/21/2020	ND	
MW-54	d	Arsenic	7440-38-2	mg/L	7/21/2020		0.031
MW-23	u	Arsenic	7440-38-2	mg/L	7/22/2020	ND	
MW-24R	u	Arsenic	7440-38-2	mg/L	7/22/2020	ND	
MW-55	d	Arsenic	7440-38-2	mg/L	11/12/2020	ND	
MW-32R	d	Arsenic	7440-38-2	mg/L	8/24/2021	J	0.000931
MW-33R	d	Arsenic	7440-38-2	mg/L	8/24/2021		0.00984
MW-14R	d	Arsenic	7440-38-2	mg/L	8/24/2021		0.00252
MW-31R	d	Arsenic	7440-38-2	mg/L	8/24/2021		0.0127
MW-62	d	Arsenic	7440-38-2	mg/L	8/24/2021	J	0.0012
MW-29	d	Arsenic	7440-38-2	mg/L	8/25/2021		0.0113
MW-58	d	Arsenic	7440-38-2	mg/L	8/25/2021		0.0332
MW-30R	d	Arsenic	7440-38-2	mg/L	8/25/2021		0.0149
MW-60	d	Arsenic	7440-38-2	mg/L	8/26/2021		<0.00200
MW-57R	d	Arsenic	7440-38-2	mg/L	8/26/2021		0.00494
PZ-13	d	Arsenic	7440-38-2	mg/L	8/27/2021	J	0.000787
MW-73	d	Arsenic	7440-38-2	mg/L	8/27/2021		0.00602
SW-101	d	Arsenic	7440-38-2	mg/L	9/8/2021		0.0184
SW-102	d	Arsenic	7440-38-2	mg/L	9/8/2021		0.00507
SW-103	d	Arsenic	7440-38-2	mg/L	9/8/2021		0.00443
SW-106	d	Arsenic	7440-38-2	mg/L	9/8/2021		0.00993
SW-107	d	Arsenic	7440-38-2	mg/L	9/8/2021		0.00646
GU-3A	d	Arsenic	7440-38-2	mg/L	9/8/2021	J	0.000957
MW-24R	u	Arsenic	7440-38-2	mg/L	12/7/2021		<0.00200
MW-28	d	Arsenic	7440-38-2	mg/L	12/7/2021		0.00565
MW-57R	d	Arsenic	7440-38-2	mg/L	12/7/2021		0.0028
MW-73	d	Arsenic	7440-38-2	mg/L	12/7/2021		0.00481
MW-56	d	Arsenic	7440-38-2	mg/L	12/7/2021		0.0503
MW-19	d	Arsenic	7440-38-2	mg/L	12/7/2021		<0.00200
MW-18	d	Arsenic	7440-38-2	mg/L	12/7/2021		<0.00200
MW-55	d	Arsenic	7440-38-2	mg/L	12/7/2021		<0.00200
MW-50	d	Arsenic	7440-38-2	mg/L	12/7/2021		<0.00200
MW-23	u	Arsenic	7440-38-2	mg/L	12/8/2021		<0.00200
MW-39	d	Arsenic	7440-38-2	mg/L	12/8/2021	J	0.000803
MW-51	d	Arsenic	7440-38-2	mg/L	12/8/2021		<0.00200
MW-52	d	Arsenic	7440-38-2	mg/L	12/8/2021		0.0672
MW-53	d	Arsenic	7440-38-2	mg/L	12/8/2021		<0.00200
MW-54	d	Arsenic	7440-38-2	mg/L	12/8/2021		0.0206
MW-14R	d	Barium	7440-39-3	mg/L	1/15/2010		0.152
MW-51	d	Barium	7440-39-3	mg/L	1/15/2010		0.275
MW-24R	u	Barium	7440-39-3	mg/L	2/11/2010		0.313
MW-53	d	Barium	7440-39-3	mg/L	2/11/2010		1.5
GU-3A	d	Barium	7440-39-3	mg/L	3/24/2010		0.197
MW-20	d	Barium	7440-39-3	mg/L	3/24/2010		0.322
MW-21	d	Barium	7440-39-3	mg/L	3/24/2010		0.216
MW-22R	d	Barium	7440-39-3	mg/L	3/24/2010		0.287
MW-52	d	Barium	7440-39-3	mg/L	3/24/2010		0.456
MW-54	d	Barium	7440-39-3	mg/L	3/24/2010		0.0562
MW-55	d	Barium	7440-39-3	mg/L	3/24/2010		0.25

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-28	d	Barium	7440-39-3	mg/L	4/9/2010		0.0919
MW-33R	d	Barium	7440-39-3	mg/L	4/9/2010		0.65
MW-50	d	Barium	7440-39-3	mg/L	4/9/2010		0.0501
MW-54	d	Barium	7440-39-3	mg/L	4/9/2010		0.0527
MW-56	d	Barium	7440-39-3	mg/L	4/9/2010		0.549
MW-57	d	Barium	7440-39-3	mg/L	4/9/2010		0.692
MW-58	d	Barium	7440-39-3	mg/L	4/9/2010		0.386
MW-24R	u	Barium	7440-39-3	mg/L	5/18/2010		0.329
MW-32R	d	Barium	7440-39-3	mg/L	5/18/2010		1.62
MW-52	d	Barium	7440-39-3	mg/L	5/18/2010		0.521
MW-53	d	Barium	7440-39-3	mg/L	5/18/2010		1.66
MW-55	d	Barium	7440-39-3	mg/L	5/18/2010		0.0629
MW-14R	d	Barium	7440-39-3	mg/L	6/17/2010		0.159
MW-19	d	Barium	7440-39-3	mg/L	6/17/2010		0.0452
MW-29	d	Barium	7440-39-3	mg/L	6/17/2010		2.3
MW-30R	d	Barium	7440-39-3	mg/L	6/17/2010		1.16
MW-31R	d	Barium	7440-39-3	mg/L	6/17/2010		1.35
MW-51	d	Barium	7440-39-3	mg/L	6/17/2010		0.289
MW-21	d	Barium	7440-39-3	mg/L	7/21/2010		0.738
MW-54	d	Barium	7440-39-3	mg/L	7/21/2010		0.0457
MW-20	d	Barium	7440-39-3	mg/L	8/17/2010		0.352
MW-29	d	Barium	7440-39-3	mg/L	8/17/2010		1.94
MW-39	d	Barium	7440-39-3	mg/L	8/17/2010		0.055
MW-51	d	Barium	7440-39-3	mg/L	8/17/2010		0.306
GU-3A	d	Barium	7440-39-3	mg/L	9/17/2010		0.363
MW-22R	d	Barium	7440-39-3	mg/L	9/17/2010		0.492
MW-55	d	Barium	7440-39-3	mg/L	9/17/2010		0.19
MW-19	d	Barium	7440-39-3	mg/L	10/22/2010		0.0344
MW-24R	u	Barium	7440-39-3	mg/L	10/22/2010		0.363
MW-30R	d	Barium	7440-39-3	mg/L	10/22/2010		0.742
MW-31R	d	Barium	7440-39-3	mg/L	10/22/2010		0.377
MW-50	d	Barium	7440-39-3	mg/L	10/22/2010		0.347
MW-53	d	Barium	7440-39-3	mg/L	10/22/2010		1.61
MW-56	d	Barium	7440-39-3	mg/L	10/22/2010		0.034
MW-58	d	Barium	7440-39-3	mg/L	10/22/2010		0.445
MW-14R	d	Barium	7440-39-3	mg/L	11/8/2010		0.12
MW-32R	d	Barium	7440-39-3	mg/L	11/8/2010		0.374
MW-57	d	Barium	7440-39-3	mg/L	11/8/2010		0.64
MW-28	d	Barium	7440-39-3	mg/L	12/15/2010		0.0913
MW-33R	d	Barium	7440-39-3	mg/L	12/15/2010		1.02
MW-52	d	Barium	7440-39-3	mg/L	12/15/2010		0.836
MW-54	d	Barium	7440-39-3	mg/L	1/12/2011		0.124
MW-54	d	Barium	7440-39-3	mg/L	1/12/2011		0.135
MW-20	d	Barium	7440-39-3	mg/L	2/22/2011		0.368
MW-22R	d	Barium	7440-39-3	mg/L	2/22/2011		0.954
MW-51	d	Barium	7440-39-3	mg/L	2/22/2011		0.139
MW-52	d	Barium	7440-39-3	mg/L	2/22/2011		0.897
MW-53	d	Barium	7440-39-3	mg/L	2/22/2011		1.6
MW-55	d	Barium	7440-39-3	mg/L	2/22/2011		0.324
GU-3A	d	Barium	7440-39-3	mg/L	3/2/2011		0.152
MW-21	d	Barium	7440-39-3	mg/L	3/2/2011		0.769
MW-21	d	Barium	7440-39-3	mg/L	3/2/2011		0.81
MW-29	d	Barium	7440-39-3	mg/L	4/21/2011		1.91
MW-30R	d	Barium	7440-39-3	mg/L	4/21/2011		1.1
MW-31R	d	Barium	7440-39-3	mg/L	4/21/2011		0.98
MW-31R	d	Barium	7440-39-3	mg/L	4/21/2011		0.959
MW-32R	d	Barium	7440-39-3	mg/L	4/21/2011		1.57
MW-54	d	Barium	7440-39-3	mg/L	5/31/2011		0.0617
MW-56	d	Barium	7440-39-3	mg/L	5/31/2011		0.287
MW-57	d	Barium	7440-39-3	mg/L	5/31/2011		0.599
MW-58	d	Barium	7440-39-3	mg/L	5/31/2011		0.516
MW-14R	d	Barium	7440-39-3	mg/L	6/7/2011		0.191
MW-14R	d	Barium	7440-39-3	mg/L	6/7/2011		0.225
MW-19	d	Barium	7440-39-3	mg/L	6/7/2011		0.0421
MW-28	d	Barium	7440-39-3	mg/L	6/7/2011		0.0842
MW-33R	d	Barium	7440-39-3	mg/L	6/7/2011		0.7
MW-39	d	Barium	7440-39-3	mg/L	6/7/2011		0.0489
MW-50	d	Barium	7440-39-3	mg/L	6/7/2011		0.0448
MW-52	d	Barium	7440-39-3	mg/L	7/22/2011		0.606
MW-56	d	Barium	7440-39-3	mg/L	7/22/2011		0.512
MW-58	d	Barium	7440-39-3	mg/L	7/22/2011		0.618
MW-14R	d	Barium	7440-39-3	mg/L	8/29/2011		0.214
MW-19	d	Barium	7440-39-3	mg/L	8/29/2011		0.0387
MW-19	d	Barium	7440-39-3	mg/L	8/29/2011		0.0359
MW-32R	d	Barium	7440-39-3	mg/L	8/29/2011		0.925
GU-3A	d	Barium	7440-39-3	mg/L	9/9/2011		0.108
MW-22R	d	Barium	7440-39-3	mg/L	9/9/2011		0.867
MW-23	u	Barium	7440-39-3	mg/L	9/9/2011		0.0869
MW-24R	u	Barium	7440-39-3	mg/L	9/9/2011		0.392
MW-28	d	Barium	7440-39-3	mg/L	9/9/2011		0.0883
MW-29	d	Barium	7440-39-3	mg/L	9/9/2011		2.22
MW-51	d	Barium	7440-39-3	mg/L	9/9/2011		0.27
MW-53	d	Barium	7440-39-3	mg/L	9/9/2011		1.71
MW-53	d	Barium	7440-39-3	mg/L	9/9/2011		1.79
MW-21	d	Barium	7440-39-3	mg/L	10/4/2011		0.752
MW-50	d	Barium	7440-39-3	mg/L	10/4/2011		0.0334
MW-50	d	Barium	7440-39-3	mg/L	10/4/2011		0.0368

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-54	d	Barium	7440-39-3	mg/L	10/4/2011		0.0482
MW-57	d	Barium	7440-39-3	mg/L	10/4/2011		0.376
MW-20	d	Barium	7440-39-3	mg/L	11/29/2011		0.333
MW-30R	d	Barium	7440-39-3	mg/L	11/29/2011		0.701
MW-52	d	Barium	7440-39-3	mg/L	11/29/2011		0.716
MW-55	d	Barium	7440-39-3	mg/L	11/29/2011		0.27
MW-31R	d	Barium	7440-39-3	mg/L	12/16/2011		0.411
MW-33R	d	Barium	7440-39-3	mg/L	12/16/2011		0.637
MW-39	d	Barium	7440-39-3	mg/L	12/16/2011		0.0713
MW-14R	d	Barium	7440-39-3	mg/L	3/8/2012		0.166
MW-19	d	Barium	7440-39-3	mg/L	3/8/2012		0.0477
MW-20	d	Barium	7440-39-3	mg/L	3/8/2012		0.357
MW-21	d	Barium	7440-39-3	mg/L	3/8/2012		1.01
MW-22R	d	Barium	7440-39-3	mg/L	3/8/2012		0.918
MW-23	u	Barium	7440-39-3	mg/L	3/8/2012		0.236
MW-24R	u	Barium	7440-39-3	mg/L	3/8/2012		0.389
MW-28	d	Barium	7440-39-3	mg/L	3/8/2012		0.0976
MW-39	d	Barium	7440-39-3	mg/L	3/8/2012		0.0666
MW-55	d	Barium	7440-39-3	mg/L	3/8/2012		0.269
MW-56	d	Barium	7440-39-3	mg/L	3/8/2012		0.528
MW-57	d	Barium	7440-39-3	mg/L	3/8/2012		0.769
MW-58	d	Barium	7440-39-3	mg/L	3/8/2012		0.829
GU-3A	d	Barium	7440-39-3	mg/L	6/13/2012		0.325
MW-29	d	Barium	7440-39-3	mg/L	6/13/2012		2.07
MW-30R	d	Barium	7440-39-3	mg/L	6/13/2012		0.76
MW-31R	d	Barium	7440-39-3	mg/L	6/13/2012		0.473
MW-32R	d	Barium	7440-39-3	mg/L	6/13/2012		0.369
MW-33R	d	Barium	7440-39-3	mg/L	6/13/2012		0.621
MW-50	d	Barium	7440-39-3	mg/L	6/13/2012		0.0351
MW-50	d	Barium	7440-39-3	mg/L	6/13/2012		0.035
MW-51	d	Barium	7440-39-3	mg/L	6/13/2012		0.282
MW-52	d	Barium	7440-39-3	mg/L	6/13/2012		0.731
MW-53	d	Barium	7440-39-3	mg/L	6/13/2012		1.72
MW-54	d	Barium	7440-39-3	mg/L	6/13/2012		0.0715
GU-3A	d	Barium	7440-39-3	mg/L	9/4/2012		0.161
MW-20	d	Barium	7440-39-3	mg/L	9/4/2012		0.356
MW-21	d	Barium	7440-39-3	mg/L	9/4/2012		1.01
MW-22R	d	Barium	7440-39-3	mg/L	9/4/2012		0.86
MW-23	u	Barium	7440-39-3	mg/L	9/4/2012		0.187
MW-50	d	Barium	7440-39-3	mg/L	9/4/2012		0.0336
MW-51	d	Barium	7440-39-3	mg/L	9/4/2012		0.277
MW-52	d	Barium	7440-39-3	mg/L	9/4/2012		0.796
MW-53	d	Barium	7440-39-3	mg/L	9/4/2012		1.7
MW-54	d	Barium	7440-39-3	mg/L	9/4/2012		0.0614
MW-54	d	Barium	7440-39-3	mg/L	9/4/2012		0.0547
MW-57	d	Barium	7440-39-3	mg/L	9/4/2012		0.45
MW-58	d	Barium	7440-39-3	mg/L	9/4/2012		0.739
MW-14R	d	Barium	7440-39-3	mg/L	12/19/2012		0.249
MW-19	d	Barium	7440-39-3	mg/L	12/19/2012		0.0453
MW-28	d	Barium	7440-39-3	mg/L	12/19/2012		0.168
MW-29	d	Barium	7440-39-3	mg/L	12/19/2012		2.05
MW-30R	d	Barium	7440-39-3	mg/L	12/19/2012		0.751
MW-31R	d	Barium	7440-39-3	mg/L	12/19/2012		0.472
MW-32R	d	Barium	7440-39-3	mg/L	12/19/2012		0.348
MW-33R	d	Barium	7440-39-3	mg/L	12/19/2012		0.69
MW-33R	d	Barium	7440-39-3	mg/L	12/19/2012		0.677
MW-39	d	Barium	7440-39-3	mg/L	12/19/2012		0.0773
MW-55	d	Barium	7440-39-3	mg/L	12/19/2012		0.216
MW-56	d	Barium	7440-39-3	mg/L	12/19/2012		0.723
MW-14R	d	Barium	7440-39-3	mg/L	3/11/2013		0.155
MW-19	d	Barium	7440-39-3	mg/L	3/11/2013		0.0464
MW-23	u	Barium	7440-39-3	mg/L	3/11/2013		0.211
MW-28	d	Barium	7440-39-3	mg/L	3/11/2013		0.1
MW-39	d	Barium	7440-39-3	mg/L	3/11/2013		0.0605
MW-50	d	Barium	7440-39-3	mg/L	3/11/2013		0.0772
MW-50	d	Barium	7440-39-3	mg/L	3/11/2013		0.0655
MW-51	d	Barium	7440-39-3	mg/L	3/11/2013		0.177
MW-52	d	Barium	7440-39-3	mg/L	3/11/2013		0.608
MW-53	d	Barium	7440-39-3	mg/L	3/11/2013		1.65
MW-54	d	Barium	7440-39-3	mg/L	3/11/2013		0.102
MW-55	d	Barium	7440-39-3	mg/L	3/11/2013		0.148
MW-56	d	Barium	7440-39-3	mg/L	3/11/2013		0.375
MW-20	d	Barium	7440-39-3	mg/L	6/10/2013		0.324
MW-20	d	Barium	7440-39-3	mg/L	6/10/2013		0.327
MW-21	d	Barium	7440-39-3	mg/L	6/10/2013		0.965
MW-22R	d	Barium	7440-39-3	mg/L	6/10/2013		0.0872
MW-29	d	Barium	7440-39-3	mg/L	6/10/2013		1.82
MW-30R	d	Barium	7440-39-3	mg/L	6/10/2013		0.846
MW-31R	d	Barium	7440-39-3	mg/L	6/10/2013		0.461
MW-32R	d	Barium	7440-39-3	mg/L	6/10/2013		1.01
MW-33R	d	Barium	7440-39-3	mg/L	6/10/2013		0.581
MW-57	d	Barium	7440-39-3	mg/L	6/10/2013		0.865
MW-58	d	Barium	7440-39-3	mg/L	6/10/2013		0.584
GU-3A	d	Barium	7440-39-3	mg/L	9/10/2013		0.198
MW-23	u	Barium	7440-39-3	mg/L	9/10/2013		0.18
MW-31R	d	Barium	7440-39-3	mg/L	9/10/2013		0.443
MW-31R	d	Barium	7440-39-3	mg/L	9/10/2013		0.396

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-32R	d	Barium	7440-39-3	mg/L	9/10/2013		0.207
MW-33R	d	Barium	7440-39-3	mg/L	9/10/2013		0.684
MW-50	d	Barium	7440-39-3	mg/L	9/10/2013		0.0415
MW-51	d	Barium	7440-39-3	mg/L	9/10/2013		0.301
MW-52	d	Barium	7440-39-3	mg/L	9/10/2013		0.888
MW-53	d	Barium	7440-39-3	mg/L	9/10/2013		1.88
MW-54	d	Barium	7440-39-3	mg/L	9/10/2013		0.0493
MW-14R	d	Barium	7440-39-3	mg/L	12/18/2013		0.154
MW-18	d	Barium	7440-39-3	mg/L	12/18/2013		0.2
MW-19	d	Barium	7440-39-3	mg/L	12/18/2013		0.0531
MW-20	d	Barium	7440-39-3	mg/L	12/18/2013		0.336
MW-21	d	Barium	7440-39-3	mg/L	12/18/2013		1.36
MW-22R	d	Barium	7440-39-3	mg/L	12/18/2013		0.105
MW-28	d	Barium	7440-39-3	mg/L	12/18/2013		0.0961
MW-30R	d	Barium	7440-39-3	mg/L	12/18/2013		0.881
MW-39	d	Barium	7440-39-3	mg/L	12/18/2013		0.0807
MW-39	d	Barium	7440-39-3	mg/L	12/18/2013		0.0914
MW-55	d	Barium	7440-39-3	mg/L	12/18/2013		0.192
MW-18	d	Barium	7440-39-3	mg/L	3/20/2014		0.169
MW-20	d	Barium	7440-39-3	mg/L	3/20/2014		0.375
MW-21	d	Barium	7440-39-3	mg/L	3/20/2014		1.2
MW-21	d	Barium	7440-39-3	mg/L	3/20/2014		1.16
MW-22R	d	Barium	7440-39-3	mg/L	3/20/2014		0.106
MW-23	u	Barium	7440-39-3	mg/L	3/20/2014		0.221
MW-30R	d	Barium	7440-39-3	mg/L	3/20/2014		0.813
MW-31R	d	Barium	7440-39-3	mg/L	3/20/2014		1.03
MW-32R	d	Barium	7440-39-3	mg/L	3/20/2014		0.406
MW-33R	d	Barium	7440-39-3	mg/L	3/20/2014		0.954
MW-14R	d	Barium	7440-39-3	mg/L	6/24/2014		0.129
MW-14R	d	Barium	7440-39-3	mg/L	6/24/2014		0.131
MW-18	d	Barium	7440-39-3	mg/L	6/24/2014		0.13
MW-19	d	Barium	7440-39-3	mg/L	6/24/2014		0.053
MW-28	d	Barium	7440-39-3	mg/L	6/24/2014		0.0861
MW-39	d	Barium	7440-39-3	mg/L	6/24/2014		0.0474
MW-50	d	Barium	7440-39-3	mg/L	6/24/2014		0.0545
MW-51	d	Barium	7440-39-3	mg/L	6/24/2014		0.124
MW-52	d	Barium	7440-39-3	mg/L	6/24/2014		0.769
MW-53	d	Barium	7440-39-3	mg/L	6/24/2014		1.68
MW-54	d	Barium	7440-39-3	mg/L	6/24/2014		0.0951
MW-55	d	Barium	7440-39-3	mg/L	6/24/2014		0.0824
MW-58	d	Barium	7440-39-3	mg/L	6/24/2014		0.548
MW-29	d	Barium	7440-39-3	mg/L	7/24/2014		1.79
MW-56	d	Barium	7440-39-3	mg/L	7/24/2014		0.477
MW-57	d	Barium	7440-39-3	mg/L	7/24/2014		0.947
GU-3A	d	Barium	7440-39-3	mg/L	9/24/2014		0.202
MW-18	d	Barium	7440-39-3	mg/L	9/24/2014		0.174
MW-23	u	Barium	7440-39-3	mg/L	9/24/2014		0.212
MW-24R	u	Barium	7440-39-3	mg/L	9/24/2014		0.336
MW-29	d	Barium	7440-39-3	mg/L	9/24/2014		1.86
MW-30R	d	Barium	7440-39-3	mg/L	9/24/2014		0.884
MW-31R	d	Barium	7440-39-3	mg/L	9/24/2014		0.494
MW-31R	d	Barium	7440-39-3	mg/L	9/24/2014		1.77
MW-32R	d	Barium	7440-39-3	mg/L	9/24/2014		0.364
MW-33R	d	Barium	7440-39-3	mg/L	9/24/2014		0.603
MW-50	d	Barium	7440-39-3	mg/L	9/24/2014		0.0594
MW-51	d	Barium	7440-39-3	mg/L	9/24/2014		0.21
MW-52	d	Barium	7440-39-3	mg/L	9/24/2014		0.853
MW-53	d	Barium	7440-39-3	mg/L	9/24/2014		1.88
MW-54	d	Barium	7440-39-3	mg/L	9/24/2014		0.162
MW-14R	d	Barium	7440-39-3	mg/L	12/4/2014		0.155
MW-18	d	Barium	7440-39-3	mg/L	12/4/2014		0.177
MW-19	d	Barium	7440-39-3	mg/L	12/4/2014		0.058
MW-20	d	Barium	7440-39-3	mg/L	12/4/2014		0.323
MW-21	d	Barium	7440-39-3	mg/L	12/4/2014		1.22
MW-22R	d	Barium	7440-39-3	mg/L	12/4/2014		0.0476
MW-28	d	Barium	7440-39-3	mg/L	12/4/2014		0.0875
MW-39	d	Barium	7440-39-3	mg/L	12/4/2014		0.0596
MW-56	d	Barium	7440-39-3	mg/L	12/4/2014		0.596
MW-57	d	Barium	7440-39-3	mg/L	12/4/2014		1.13
MW-57	d	Barium	7440-39-3	mg/L	12/4/2014		1.08
MW-58	d	Barium	7440-39-3	mg/L	12/4/2014		0.556
MW-14R	d	Barium	7440-39-3	mg/L	3/11/2015		0.159
MW-18	d	Barium	7440-39-3	mg/L	3/11/2015		0.186
MW-19	d	Barium	7440-39-3	mg/L	3/11/2015		0.0482
MW-20	d	Barium	7440-39-3	mg/L	3/11/2015		0.371
MW-21	d	Barium	7440-39-3	mg/L	3/11/2015		1.22
MW-22R	d	Barium	7440-39-3	mg/L	3/11/2015		0.0681
MW-23	u	Barium	7440-39-3	mg/L	3/11/2015		0.209
MW-24R	u	Barium	7440-39-3	mg/L	3/11/2015		0.377
MW-28	d	Barium	7440-39-3	mg/L	3/11/2015		0.093
MW-39	d	Barium	7440-39-3	mg/L	3/11/2015		0.0677
MW-55	d	Barium	7440-39-3	mg/L	3/11/2015		0.118
MW-56	d	Barium	7440-39-3	mg/L	3/11/2015		0.686
MW-57	d	Barium	7440-39-3	mg/L	3/11/2015		1.12
MW-58	d	Barium	7440-39-3	mg/L	3/11/2015		0.603
MW-58	d	Barium	7440-39-3	mg/L	3/11/2015		0.618
MW-29	d	Barium	7440-39-3	mg/L	6/29/2015		2.28

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	Barium	7440-39-3	mg/L	6/29/2015		1.35
MW-31R	d	Barium	7440-39-3	mg/L	6/29/2015		0.448
MW-31R	d	Barium	7440-39-3	mg/L	6/29/2015		0.47
MW-32R	d	Barium	7440-39-3	mg/L	6/29/2015		0.275
MW-33R	d	Barium	7440-39-3	mg/L	6/29/2015		0.643
MW-50	d	Barium	7440-39-3	mg/L	6/29/2015		0.0555
MW-51	d	Barium	7440-39-3	mg/L	6/29/2015		0.234
MW-52	d	Barium	7440-39-3	mg/L	6/29/2015		0.986
MW-53	d	Barium	7440-39-3	mg/L	6/29/2015		1.66
MW-54	d	Barium	7440-39-3	mg/L	6/29/2015		0.0675
GU-3A	d	Barium	7440-39-3	mg/L	9/22/2015		0.256
MW-14R	d	Barium	7440-39-3	mg/L	2/15/2016		0.167
MW-14R	d	Barium	7440-39-3	mg/L	2/15/2016		0.165
MW-18	d	Barium	7440-39-3	mg/L	2/15/2016		0.193
MW-19	d	Barium	7440-39-3	mg/L	2/15/2016		0.0676
MW-39	d	Barium	7440-39-3	mg/L	2/15/2016		0.0441
MW-20	d	Barium	7440-39-3	mg/L	2/16/2016		0.383
MW-21	d	Barium	7440-39-3	mg/L	2/16/2016		1.28
MW-55	d	Barium	7440-39-3	mg/L	2/16/2016		0.0652
MW-56	d	Barium	7440-39-3	mg/L	2/16/2016		0.233
MW-57	d	Barium	7440-39-3	mg/L	2/16/2016		1.15
MW-58	d	Barium	7440-39-3	mg/L	2/16/2016		0.55
MW-22R	d	Barium	7440-39-3	mg/L	2/17/2016		0.0648
MW-23	u	Barium	7440-39-3	mg/L	2/17/2016		0.186
MW-24R	u	Barium	7440-39-3	mg/L	2/17/2016		0.361
MW-28	d	Barium	7440-39-3	mg/L	8/25/2016		0.0999
MW-29	d	Barium	7440-39-3	mg/L	8/25/2016		2.35
MW-30R	d	Barium	7440-39-3	mg/L	8/25/2016		1.05
MW-31R	d	Barium	7440-39-3	mg/L	8/25/2016		0.45
MW-32R	d	Barium	7440-39-3	mg/L	8/25/2016		0.271
MW-33R	d	Barium	7440-39-3	mg/L	8/25/2016		0.835
MW-50	d	Barium	7440-39-3	mg/L	8/25/2016		0.041
MW-51	d	Barium	7440-39-3	mg/L	8/25/2016		0.353
MW-52	d	Barium	7440-39-3	mg/L	8/25/2016		1.23
MW-53	d	Barium	7440-39-3	mg/L	8/25/2016		1.93
MW-54	d	Barium	7440-39-3	mg/L	8/25/2016		0.0628
GU-3A	d	Barium	7440-39-3	mg/L	8/26/2016		0.0521
MW-18	d	Barium	7440-39-3	mg/L	1/17/2017		0.128
MW-19	d	Barium	7440-39-3	mg/L	1/17/2017		0.0506
MW-22R	d	Barium	7440-39-3	mg/L	1/17/2017		0.101
MW-23	u	Barium	7440-39-3	mg/L	1/17/2017		0.0862
MW-24R	u	Barium	7440-39-3	mg/L	1/17/2017		0.403
MW-28	d	Barium	7440-39-3	mg/L	1/17/2017		0.0905
MW-28	d	Barium	7440-39-3	mg/L	1/17/2017		0.0898
MW-39	d	Barium	7440-39-3	mg/L	1/17/2017		0.0479
MW-50	d	Barium	7440-39-3	mg/L	1/17/2017		0.0307
MW-51	d	Barium	7440-39-3	mg/L	1/17/2017		0.276
MW-53	d	Barium	7440-39-3	mg/L	1/17/2017		1.79
MW-54	d	Barium	7440-39-3	mg/L	1/17/2017		0.105
MW-56	d	Barium	7440-39-3	mg/L	1/17/2017		0.513
GU-3A	d	Barium	7440-39-3	mg/L	7/10/2017		0.124
MW-14R	d	Barium	7440-39-3	mg/L	7/10/2017		0.122
MW-20	d	Barium	7440-39-3	mg/L	7/10/2017		0.321
MW-21	d	Barium	7440-39-3	mg/L	7/10/2017		1.13
MW-29	d	Barium	7440-39-3	mg/L	7/10/2017		1.58
MW-30R	d	Barium	7440-39-3	mg/L	7/10/2017		1.47
MW-31R	d	Barium	7440-39-3	mg/L	7/10/2017		0.547
MW-32R	d	Barium	7440-39-3	mg/L	7/10/2017		0.351
MW-32R	d	Barium	7440-39-3	mg/L	7/10/2017		0.342
MW-33R	d	Barium	7440-39-3	mg/L	7/10/2017		0.798
MW-57	d	Barium	7440-39-3	mg/L	7/10/2017		1.04
MW-58	d	Barium	7440-39-3	mg/L	7/10/2017		0.653
MW-52	d	Barium	7440-39-3	mg/L	10/17/2017		1.19
MW-55	d	Barium	7440-39-3	mg/L	10/17/2017		0.0549
GU-3A	d	Barium	7440-39-3	mg/L	4/3/2018		1.9
GU-3A	d	Barium	7440-39-3	mg/L	4/3/2018		1.64
MW-14R	d	Barium	7440-39-3	mg/L	4/3/2018		0.176
MW-20	d	Barium	7440-39-3	mg/L	4/3/2018		0.419
MW-21	d	Barium	7440-39-3	mg/L	4/3/2018		1.69
MW-29	d	Barium	7440-39-3	mg/L	4/3/2018		1.55
MW-30R	d	Barium	7440-39-3	mg/L	4/3/2018		0.915
MW-31R	d	Barium	7440-39-3	mg/L	4/3/2018		0.469
MW-32R	d	Barium	7440-39-3	mg/L	4/3/2018		0.231
MW-33R	d	Barium	7440-39-3	mg/L	4/3/2018		0.966
MW-33R	d	Barium	7440-39-3	mg/L	4/3/2018		0.894
MW-57	d	Barium	7440-39-3	mg/L	4/3/2018		1.48
MW-58	d	Barium	7440-39-3	mg/L	4/3/2018		1.05
MW-23	u	Barium	7440-39-3	mg/L	11/1/2018		0.0962
MW-24R	u	Barium	7440-39-3	mg/L	11/1/2018		0.344
MW-39	d	Barium	7440-39-3	mg/L	11/1/2018		0.0449
MW-50	d	Barium	7440-39-3	mg/L	11/1/2018		0.034
MW-51	d	Barium	7440-39-3	mg/L	11/1/2018		0.392
MW-52	d	Barium	7440-39-3	mg/L	11/1/2018		0.936
MW-53	d	Barium	7440-39-3	mg/L	11/1/2018		1.91
MW-54	d	Barium	7440-39-3	mg/L	11/1/2018		0.098
MW-55	d	Barium	7440-39-3	mg/L	11/1/2018		0.0468
MW-18	d	Barium	7440-39-3	mg/L	11/2/2018		0.119

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	Barium	7440-39-3	mg/L	11/2/2018		0.0704
MW-22R	d	Barium	7440-39-3	mg/L	11/2/2018		0.0851
MW-28	d	Barium	7440-39-3	mg/L	11/2/2018		0.0928
MW-56	d	Barium	7440-39-3	mg/L	11/2/2018		0.357
MW-18	d	Barium	7440-39-3	mg/L	5/16/2019		0.14
MW-19	d	Barium	7440-39-3	mg/L	5/16/2019		0.046
MW-23	u	Barium	7440-39-3	mg/L	5/16/2019		0.227
MW-24R	u	Barium	7440-39-3	mg/L	5/16/2019		0.387
MW-28	d	Barium	7440-39-3	mg/L	5/16/2019		0.0932
MW-39	d	Barium	7440-39-3	mg/L	5/16/2019		0.027
MW-55	d	Barium	7440-39-3	mg/L	5/16/2019		0.0429
MW-50	d	Barium	7440-39-3	mg/L	5/20/2019		0.052
MW-51	d	Barium	7440-39-3	mg/L	5/20/2019		0.352
MW-52	d	Barium	7440-39-3	mg/L	5/20/2019		0.895
MW-54	d	Barium	7440-39-3	mg/L	5/20/2019		0.0839
MW-56	d	Barium	7440-39-3	mg/L	5/20/2019		0.145
MW-53	d	Barium	7440-39-3	mg/L	5/21/2019		1.8
MW-14R	d	Barium	7440-39-3	mg/L	9/11/2019		0.156
MW-29	d	Barium	7440-39-3	mg/L	9/11/2019		1.54
MW-30R	d	Barium	7440-39-3	mg/L	9/11/2019		0.904
MW-31R	d	Barium	7440-39-3	mg/L	9/11/2019		0.403
MW-32R	d	Barium	7440-39-3	mg/L	9/11/2019		0.282
MW-33R	d	Barium	7440-39-3	mg/L	9/11/2019		0.845
MW-58	d	Barium	7440-39-3	mg/L	9/11/2019		0.661
GU-3A	d	Barium	7440-39-3	mg/L	3/16/2020		1.92
MW-31R	d	Barium	7440-39-3	mg/L	3/16/2020		0.379
MW-32R	d	Barium	7440-39-3	mg/L	3/16/2020		0.209
MW-33R	d	Barium	7440-39-3	mg/L	3/16/2020		0.742
MW-14R	d	Barium	7440-39-3	mg/L	3/17/2020		0.172
MW-29	d	Barium	7440-39-3	mg/L	3/17/2020		1.32
MW-30R	d	Barium	7440-39-3	mg/L	3/17/2020		0.577
MW-58	d	Barium	7440-39-3	mg/L	3/17/2020		0.542
MW-19	d	Barium	7440-39-3	mg/L	7/20/2020		0.0476
MW-28	d	Barium	7440-39-3	mg/L	7/20/2020		0.0941
MW-51	d	Barium	7440-39-3	mg/L	7/20/2020		0.392
MW-55	d	Barium	7440-39-3	mg/L	7/20/2020		0.0334
MW-56	d	Barium	7440-39-3	mg/L	7/20/2020		0.436
MW-57R	d	Barium	7440-39-3	mg/L	7/20/2020		0.677
MW-73	d	Barium	7440-39-3	mg/L	7/20/2020		0.264
MW-18	d	Barium	7440-39-3	mg/L	7/21/2020		0.162
MW-39	d	Barium	7440-39-3	mg/L	7/21/2020		0.0291
MW-50	d	Barium	7440-39-3	mg/L	7/21/2020		0.0354
MW-52	d	Barium	7440-39-3	mg/L	7/21/2020		0.945
MW-53	d	Barium	7440-39-3	mg/L	7/21/2020		1.85
MW-54	d	Barium	7440-39-3	mg/L	7/21/2020		0.056
MW-23	u	Barium	7440-39-3	mg/L	7/22/2020		0.103
MW-24R	u	Barium	7440-39-3	mg/L	7/22/2020		0.4
MW-55	d	Barium	7440-39-3	mg/L	11/12/2020		0.0337
MW-32R	d	Barium	7440-39-3	mg/L	8/24/2021		0.278
MW-33R	d	Barium	7440-39-3	mg/L	8/24/2021		0.733
MW-14R	d	Barium	7440-39-3	mg/L	8/24/2021		0.161
MW-31R	d	Barium	7440-39-3	mg/L	8/24/2021		0.487
MW-29	d	Barium	7440-39-3	mg/L	8/25/2021		1.48
MW-58	d	Barium	7440-39-3	mg/L	8/25/2021		0.841
MW-30R	d	Barium	7440-39-3	mg/L	8/25/2021		0.8
MW-57R	d	Barium	7440-39-3	mg/L	8/26/2021		0.696
MW-73	d	Barium	7440-39-3	mg/L	8/27/2021		0.324
GU-3A	d	Barium	7440-39-3	mg/L	9/8/2021		0.0728
MW-24R	u	Barium	7440-39-3	mg/L	12/7/2021		0.362
MW-28	d	Barium	7440-39-3	mg/L	12/7/2021		0.0902
MW-57R	d	Barium	7440-39-3	mg/L	12/7/2021		0.57
MW-73	d	Barium	7440-39-3	mg/L	12/7/2021		0.277
MW-56	d	Barium	7440-39-3	mg/L	12/7/2021		0.995
MW-19	d	Barium	7440-39-3	mg/L	12/7/2021		0.0471
MW-18	d	Barium	7440-39-3	mg/L	12/7/2021		0.12
MW-55	d	Barium	7440-39-3	mg/L	12/7/2021		0.0267
MW-50	d	Barium	7440-39-3	mg/L	12/7/2021		0.0577
MW-23	u	Barium	7440-39-3	mg/L	12/8/2021		0.202
MW-39	d	Barium	7440-39-3	mg/L	12/8/2021		0.0524
MW-51	d	Barium	7440-39-3	mg/L	12/8/2021		0.35
MW-52	d	Barium	7440-39-3	mg/L	12/8/2021		1.4
MW-53	d	Barium	7440-39-3	mg/L	12/8/2021		1.71
MW-54	d	Barium	7440-39-3	mg/L	12/8/2021		0.0458
MW-51	d	Benzene	71-43-2	ug/L	1/15/2010	ND	
MW-24R	u	Benzene	71-43-2	ug/L	2/11/2010	ND	
MW-53	d	Benzene	71-43-2	ug/L	2/11/2010		10.6
GU-3A	d	Benzene	71-43-2	ug/L	3/24/2010	ND	
MW-20	d	Benzene	71-43-2	ug/L	3/24/2010	ND	
MW-21	d	Benzene	71-43-2	ug/L	3/24/2010	ND	
MW-22R	d	Benzene	71-43-2	ug/L	3/24/2010	ND	
MW-52	d	Benzene	71-43-2	ug/L	3/24/2010	ND	
MW-54	d	Benzene	71-43-2	ug/L	3/24/2010	ND	
MW-55	d	Benzene	71-43-2	ug/L	3/24/2010	ND	
MW-28	d	Benzene	71-43-2	ug/L	4/9/2010	ND	
MW-33R	d	Benzene	71-43-2	ug/L	4/9/2010	ND	
MW-50	d	Benzene	71-43-2	ug/L	4/9/2010	ND	
MW-56	d	Benzene	71-43-2	ug/L	4/9/2010		3.47

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57	d	Benzene	71-43-2	ug/L	4/9/2010		0.81
MW-58	d	Benzene	71-43-2	ug/L	4/9/2010	ND	
MW-32R	d	Benzene	71-43-2	ug/L	5/18/2010	ND	
MW-53	d	Benzene	71-43-2	ug/L	5/18/2010		11.8
MW-14R	d	Benzene	71-43-2	ug/L	6/17/2010	ND	
MW-19	d	Benzene	71-43-2	ug/L	6/17/2010	ND	
MW-29	d	Benzene	71-43-2	ug/L	6/17/2010		6.07
MW-30R	d	Benzene	71-43-2	ug/L	6/17/2010		0.82
MW-31R	d	Benzene	71-43-2	ug/L	6/17/2010	ND	
MW-51	d	Benzene	71-43-2	ug/L	6/17/2010	ND	
MW-21	d	Benzene	71-43-2	ug/L	7/21/2010	ND	
MW-54	d	Benzene	71-43-2	ug/L	7/21/2010	ND	
MW-20	d	Benzene	71-43-2	ug/L	8/17/2010	ND	
MW-29	d	Benzene	71-43-2	ug/L	8/17/2010		6.57
MW-39	d	Benzene	71-43-2	ug/L	8/17/2010	ND	
MW-51	d	Benzene	71-43-2	ug/L	8/17/2010	ND	
GU-3A	d	Benzene	71-43-2	ug/L	9/17/2010		1.3
MW-22R	d	Benzene	71-43-2	ug/L	9/17/2010	ND	
MW-55	d	Benzene	71-43-2	ug/L	9/17/2010	ND	
MW-19	d	Benzene	71-43-2	ug/L	10/22/2010	ND	
MW-24R	u	Benzene	71-43-2	ug/L	10/22/2010	ND	
MW-30R	d	Benzene	71-43-2	ug/L	10/22/2010		0.73
MW-31R	d	Benzene	71-43-2	ug/L	10/22/2010	ND	
MW-50	d	Benzene	71-43-2	ug/L	10/22/2010	ND	
MW-53	d	Benzene	71-43-2	ug/L	10/22/2010		9.32
MW-56	d	Benzene	71-43-2	ug/L	10/22/2010	ND	
MW-58	d	Benzene	71-43-2	ug/L	10/22/2010		3.4
MW-14R	d	Benzene	71-43-2	ug/L	11/8/2010	ND	
MW-32R	d	Benzene	71-43-2	ug/L	11/8/2010	ND	
MW-57	d	Benzene	71-43-2	ug/L	11/8/2010		0.8
MW-28	d	Benzene	71-43-2	ug/L	12/15/2010	ND	
MW-33R	d	Benzene	71-43-2	ug/L	12/15/2010	ND	
MW-52	d	Benzene	71-43-2	ug/L	12/15/2010	ND	
MW-54	d	Benzene	71-43-2	ug/L	1/12/2011	ND	
MW-54	d	Benzene	71-43-2	ug/L	1/12/2011	ND	
MW-20	d	Benzene	71-43-2	ug/L	2/22/2011	ND	
MW-22R	d	Benzene	71-43-2	ug/L	2/22/2011	ND	
MW-51	d	Benzene	71-43-2	ug/L	2/22/2011	ND	
MW-52	d	Benzene	71-43-2	ug/L	2/22/2011	ND	
MW-53	d	Benzene	71-43-2	ug/L	2/22/2011		8.99
MW-55	d	Benzene	71-43-2	ug/L	2/22/2011	ND	
GU-3A	d	Benzene	71-43-2	ug/L	3/2/2011	ND	
MW-21	d	Benzene	71-43-2	ug/L	3/2/2011	ND	
MW-21	d	Benzene	71-43-2	ug/L	3/2/2011	ND	
MW-29	d	Benzene	71-43-2	ug/L	4/21/2011		6.02
MW-30R	d	Benzene	71-43-2	ug/L	4/21/2011		0.88
MW-31R	d	Benzene	71-43-2	ug/L	4/21/2011	ND	
MW-31R	d	Benzene	71-43-2	ug/L	4/21/2011	ND	
MW-32R	d	Benzene	71-43-2	ug/L	4/21/2011	ND	
MW-54	d	Benzene	71-43-2	ug/L	5/31/2011	ND	
MW-56	d	Benzene	71-43-2	ug/L	5/31/2011	ND	
MW-57	d	Benzene	71-43-2	ug/L	5/31/2011	ND	
MW-58	d	Benzene	71-43-2	ug/L	5/31/2011		3.67
MW-14R	d	Benzene	71-43-2	ug/L	6/7/2011	ND	
MW-14R	d	Benzene	71-43-2	ug/L	6/7/2011	ND	
MW-19	d	Benzene	71-43-2	ug/L	6/7/2011	ND	
MW-28	d	Benzene	71-43-2	ug/L	6/7/2011	ND	
MW-33R	d	Benzene	71-43-2	ug/L	6/7/2011	ND	
MW-39	d	Benzene	71-43-2	ug/L	6/7/2011	ND	
MW-50	d	Benzene	71-43-2	ug/L	6/7/2011	ND	
MW-52	d	Benzene	71-43-2	ug/L	7/22/2011	ND	
MW-56	d	Benzene	71-43-2	ug/L	7/22/2011		0.68
MW-58	d	Benzene	71-43-2	ug/L	7/22/2011		3.13
MW-14R	d	Benzene	71-43-2	ug/L	8/29/2011	ND	
MW-19	d	Benzene	71-43-2	ug/L	8/29/2011	ND	
MW-19	d	Benzene	71-43-2	ug/L	8/29/2011	ND	
MW-32R	d	Benzene	71-43-2	ug/L	8/29/2011	ND	
GU-3A	d	Benzene	71-43-2	ug/L	9/9/2011	ND	
MW-22R	d	Benzene	71-43-2	ug/L	9/9/2011	ND	
MW-28	d	Benzene	71-43-2	ug/L	9/9/2011	ND	
MW-29	d	Benzene	71-43-2	ug/L	9/9/2011		4.39
MW-51	d	Benzene	71-43-2	ug/L	9/9/2011	ND	
MW-53	d	Benzene	71-43-2	ug/L	9/9/2011		11.1
MW-53	d	Benzene	71-43-2	ug/L	9/9/2011		10.2
MW-21	d	Benzene	71-43-2	ug/L	10/4/2011	ND	
MW-50	d	Benzene	71-43-2	ug/L	10/4/2011	ND	
MW-50	d	Benzene	71-43-2	ug/L	10/4/2011	ND	
MW-54	d	Benzene	71-43-2	ug/L	10/4/2011	ND	
MW-57	d	Benzene	71-43-2	ug/L	10/4/2011		0.74
MW-20	d	Benzene	71-43-2	ug/L	11/29/2011	ND	
MW-30R	d	Benzene	71-43-2	ug/L	11/29/2011		0.76
MW-52	d	Benzene	71-43-2	ug/L	11/29/2011	ND	
MW-55	d	Benzene	71-43-2	ug/L	11/29/2011	ND	
MW-31R	d	Benzene	71-43-2	ug/L	12/16/2011	ND	
MW-33R	d	Benzene	71-43-2	ug/L	12/16/2011	ND	
MW-39	d	Benzene	71-43-2	ug/L	12/16/2011	ND	
MW-14R	d	Benzene	71-43-2	ug/L	3/8/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	Benzene	71-43-2	ug/L	3/8/2012	ND	
MW-20	d	Benzene	71-43-2	ug/L	3/8/2012	ND	
MW-21	d	Benzene	71-43-2	ug/L	3/8/2012	ND	
MW-22R	d	Benzene	71-43-2	ug/L	3/8/2012	ND	
MW-28	d	Benzene	71-43-2	ug/L	3/8/2012	ND	
MW-39	d	Benzene	71-43-2	ug/L	3/8/2012	ND	
MW-55	d	Benzene	71-43-2	ug/L	3/8/2012	ND	
MW-56	d	Benzene	71-43-2	ug/L	3/8/2012		0.86
MW-57	d	Benzene	71-43-2	ug/L	3/8/2012		0.86
MW-58	d	Benzene	71-43-2	ug/L	3/8/2012		2.58
GU-3A	d	Benzene	71-43-2	ug/L	6/13/2012	ND	
MW-29	d	Benzene	71-43-2	ug/L	6/13/2012		4.67
MW-30R	d	Benzene	71-43-2	ug/L	6/13/2012		0.89
MW-31R	d	Benzene	71-43-2	ug/L	6/13/2012	ND	
MW-32R	d	Benzene	71-43-2	ug/L	6/13/2012	ND	
MW-33R	d	Benzene	71-43-2	ug/L	6/13/2012	ND	
MW-50	d	Benzene	71-43-2	ug/L	6/13/2012	ND	
MW-50	d	Benzene	71-43-2	ug/L	6/13/2012	ND	
MW-51	d	Benzene	71-43-2	ug/L	6/13/2012	ND	
MW-52	d	Benzene	71-43-2	ug/L	6/13/2012	ND	
MW-53	d	Benzene	71-43-2	ug/L	6/13/2012		10.7
MW-54	d	Benzene	71-43-2	ug/L	6/13/2012	ND	
GU-3A	d	Benzene	71-43-2	ug/L	9/4/2012	ND	
MW-20	d	Benzene	71-43-2	ug/L	9/4/2012	ND	
MW-21	d	Benzene	71-43-2	ug/L	9/4/2012	ND	
MW-22R	d	Benzene	71-43-2	ug/L	9/4/2012	ND	
MW-50	d	Benzene	71-43-2	ug/L	9/4/2012	ND	
MW-51	d	Benzene	71-43-2	ug/L	9/4/2012	ND	
MW-52	d	Benzene	71-43-2	ug/L	9/4/2012	ND	
MW-53	d	Benzene	71-43-2	ug/L	9/4/2012		10
MW-54	d	Benzene	71-43-2	ug/L	9/4/2012	ND	
MW-54	d	Benzene	71-43-2	ug/L	9/4/2012	ND	
MW-57	d	Benzene	71-43-2	ug/L	9/4/2012		0.54
MW-58	d	Benzene	71-43-2	ug/L	9/4/2012		2.3
MW-14R	d	Benzene	71-43-2	ug/L	12/19/2012	ND	
MW-19	d	Benzene	71-43-2	ug/L	12/19/2012	ND	
MW-28	d	Benzene	71-43-2	ug/L	12/19/2012	ND	
MW-29	d	Benzene	71-43-2	ug/L	12/19/2012		4.19
MW-30R	d	Benzene	71-43-2	ug/L	12/19/2012		0.93
MW-31R	d	Benzene	71-43-2	ug/L	12/19/2012	ND	
MW-32R	d	Benzene	71-43-2	ug/L	12/19/2012	ND	
MW-33R	d	Benzene	71-43-2	ug/L	12/19/2012	ND	
MW-33R	d	Benzene	71-43-2	ug/L	12/19/2012	ND	
MW-39	d	Benzene	71-43-2	ug/L	12/19/2012	ND	
MW-55	d	Benzene	71-43-2	ug/L	12/19/2012	ND	
MW-56	d	Benzene	71-43-2	ug/L	12/19/2012		2.07
MW-14R	d	Benzene	71-43-2	ug/L	3/11/2013	ND	
MW-19	d	Benzene	71-43-2	ug/L	3/11/2013	ND	
MW-28	d	Benzene	71-43-2	ug/L	3/11/2013	ND	
MW-39	d	Benzene	71-43-2	ug/L	3/11/2013	ND	
MW-50	d	Benzene	71-43-2	ug/L	3/11/2013	ND	
MW-50	d	Benzene	71-43-2	ug/L	3/11/2013	ND	
MW-51	d	Benzene	71-43-2	ug/L	3/11/2013	ND	
MW-52	d	Benzene	71-43-2	ug/L	3/11/2013	ND	
MW-53	d	Benzene	71-43-2	ug/L	3/11/2013		10.7
MW-54	d	Benzene	71-43-2	ug/L	3/11/2013	ND	
MW-55	d	Benzene	71-43-2	ug/L	3/11/2013	ND	
MW-56	d	Benzene	71-43-2	ug/L	3/11/2013		0.697
MW-20	d	Benzene	71-43-2	ug/L	6/10/2013	ND	
MW-20	d	Benzene	71-43-2	ug/L	6/10/2013	ND	
MW-21	d	Benzene	71-43-2	ug/L	6/10/2013	ND	
MW-22R	d	Benzene	71-43-2	ug/L	6/10/2013	ND	
MW-29	d	Benzene	71-43-2	ug/L	6/10/2013		2.81
MW-30R	d	Benzene	71-43-2	ug/L	6/10/2013		0.838
MW-31R	d	Benzene	71-43-2	ug/L	6/10/2013	ND	
MW-32R	d	Benzene	71-43-2	ug/L	6/10/2013	ND	
MW-33R	d	Benzene	71-43-2	ug/L	6/10/2013	ND	
MW-57	d	Benzene	71-43-2	ug/L	6/10/2013	ND	
MW-58	d	Benzene	71-43-2	ug/L	6/10/2013		3.35
GU-3A	d	Benzene	71-43-2	ug/L	9/10/2013	ND	
MW-31R	d	Benzene	71-43-2	ug/L	9/10/2013	ND	
MW-31R	d	Benzene	71-43-2	ug/L	9/10/2013	ND	
MW-32R	d	Benzene	71-43-2	ug/L	9/10/2013	ND	
MW-33R	d	Benzene	71-43-2	ug/L	9/10/2013	ND	
MW-50	d	Benzene	71-43-2	ug/L	9/10/2013	ND	
MW-51	d	Benzene	71-43-2	ug/L	9/10/2013	ND	
MW-52	d	Benzene	71-43-2	ug/L	9/10/2013	ND	
MW-53	d	Benzene	71-43-2	ug/L	9/10/2013		9.32
MW-54	d	Benzene	71-43-2	ug/L	9/10/2013	ND	
MW-14R	d	Benzene	71-43-2	ug/L	12/18/2013	ND	
MW-18	d	Benzene	71-43-2	ug/L	12/18/2013	ND	
MW-19	d	Benzene	71-43-2	ug/L	12/18/2013	ND	
MW-20	d	Benzene	71-43-2	ug/L	12/18/2013	ND	
MW-21	d	Benzene	71-43-2	ug/L	12/18/2013	ND	
MW-22R	d	Benzene	71-43-2	ug/L	12/18/2013	ND	
MW-28	d	Benzene	71-43-2	ug/L	12/18/2013	ND	
MW-30R	d	Benzene	71-43-2	ug/L	12/18/2013		0.82

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	Benzene	71-43-2	ug/L	12/18/2013	ND	
MW-39	d	Benzene	71-43-2	ug/L	12/18/2013	ND	
MW-55	d	Benzene	71-43-2	ug/L	12/18/2013	ND	
MW-18	d	Benzene	71-43-2	ug/L	3/20/2014	ND	
MW-20	d	Benzene	71-43-2	ug/L	3/20/2014	ND	
MW-21	d	Benzene	71-43-2	ug/L	3/20/2014	ND	
MW-21	d	Benzene	71-43-2	ug/L	3/20/2014	ND	
MW-22R	d	Benzene	71-43-2	ug/L	3/20/2014	ND	
MW-30R	d	Benzene	71-43-2	ug/L	3/20/2014		0.792
MW-31R	d	Benzene	71-43-2	ug/L	3/20/2014	ND	
MW-32R	d	Benzene	71-43-2	ug/L	3/20/2014	ND	
MW-33R	d	Benzene	71-43-2	ug/L	3/20/2014	ND	
MW-14R	d	Benzene	71-43-2	ug/L	6/24/2014	ND	
MW-14R	d	Benzene	71-43-2	ug/L	6/24/2014	ND	
MW-18	d	Benzene	71-43-2	ug/L	6/24/2014	ND	
MW-19	d	Benzene	71-43-2	ug/L	6/24/2014	ND	
MW-28	d	Benzene	71-43-2	ug/L	6/24/2014	ND	
MW-39	d	Benzene	71-43-2	ug/L	6/24/2014	ND	
MW-50	d	Benzene	71-43-2	ug/L	6/24/2014	ND	
MW-51	d	Benzene	71-43-2	ug/L	6/24/2014	ND	
MW-52	d	Benzene	71-43-2	ug/L	6/24/2014	ND	
MW-53	d	Benzene	71-43-2	ug/L	6/24/2014		10.6
MW-54	d	Benzene	71-43-2	ug/L	6/24/2014	ND	
MW-55	d	Benzene	71-43-2	ug/L	6/24/2014	ND	
MW-58	d	Benzene	71-43-2	ug/L	6/24/2014		3.45
MW-29	d	Benzene	71-43-2	ug/L	7/24/2014		3.39
MW-56	d	Benzene	71-43-2	ug/L	7/24/2014		1.77
MW-57	d	Benzene	71-43-2	ug/L	7/24/2014		1
GU-3A	d	Benzene	71-43-2	ug/L	9/24/2014		1.21
MW-18	d	Benzene	71-43-2	ug/L	9/24/2014	ND	
MW-29	d	Benzene	71-43-2	ug/L	9/24/2014		2.12
MW-30R	d	Benzene	71-43-2	ug/L	9/24/2014		0.868
MW-31R	d	Benzene	71-43-2	ug/L	9/24/2014	ND	
MW-31R	d	Benzene	71-43-2	ug/L	9/24/2014	ND	
MW-32R	d	Benzene	71-43-2	ug/L	9/24/2014	ND	
MW-33R	d	Benzene	71-43-2	ug/L	9/24/2014	ND	
MW-50	d	Benzene	71-43-2	ug/L	9/24/2014	ND	
MW-51	d	Benzene	71-43-2	ug/L	9/24/2014	ND	
MW-52	d	Benzene	71-43-2	ug/L	9/24/2014	ND	
MW-53	d	Benzene	71-43-2	ug/L	9/24/2014		9.35
MW-54	d	Benzene	71-43-2	ug/L	9/24/2014	ND	
MW-14R	d	Benzene	71-43-2	ug/L	12/4/2014	ND	
MW-18	d	Benzene	71-43-2	ug/L	12/4/2014	ND	
MW-19	d	Benzene	71-43-2	ug/L	12/4/2014	ND	
MW-20	d	Benzene	71-43-2	ug/L	12/4/2014	ND	
MW-21	d	Benzene	71-43-2	ug/L	12/4/2014	ND	
MW-22R	d	Benzene	71-43-2	ug/L	12/4/2014	ND	
MW-28	d	Benzene	71-43-2	ug/L	12/4/2014	ND	
MW-39	d	Benzene	71-43-2	ug/L	12/4/2014	ND	
MW-56	d	Benzene	71-43-2	ug/L	12/4/2014		1.61
MW-57	d	Benzene	71-43-2	ug/L	12/4/2014		1.09
MW-57	d	Benzene	71-43-2	ug/L	12/4/2014		1.17
MW-58	d	Benzene	71-43-2	ug/L	12/4/2014		1.28
MW-14R	d	Benzene	71-43-2	ug/L	3/11/2015	ND	
MW-18	d	Benzene	71-43-2	ug/L	3/11/2015	ND	
MW-19	d	Benzene	71-43-2	ug/L	3/11/2015	ND	
MW-20	d	Benzene	71-43-2	ug/L	3/11/2015	ND	
MW-21	d	Benzene	71-43-2	ug/L	3/11/2015	ND	
MW-22R	d	Benzene	71-43-2	ug/L	3/11/2015	ND	
MW-28	d	Benzene	71-43-2	ug/L	3/11/2015	ND	
MW-39	d	Benzene	71-43-2	ug/L	3/11/2015	ND	
MW-55	d	Benzene	71-43-2	ug/L	3/11/2015	ND	
MW-56	d	Benzene	71-43-2	ug/L	3/11/2015		1.11
MW-57	d	Benzene	71-43-2	ug/L	3/11/2015		1.12
MW-58	d	Benzene	71-43-2	ug/L	3/11/2015		2.91
MW-58	d	Benzene	71-43-2	ug/L	3/11/2015		3.3
MW-29	d	Benzene	71-43-2	ug/L	6/29/2015		1.35
MW-30R	d	Benzene	71-43-2	ug/L	6/29/2015		0.68
MW-31R	d	Benzene	71-43-2	ug/L	6/29/2015	ND	
MW-31R	d	Benzene	71-43-2	ug/L	6/29/2015	ND	
MW-32R	d	Benzene	71-43-2	ug/L	6/29/2015	ND	
MW-33R	d	Benzene	71-43-2	ug/L	6/29/2015	ND	
MW-50	d	Benzene	71-43-2	ug/L	6/29/2015	ND	
MW-51	d	Benzene	71-43-2	ug/L	6/29/2015	ND	
MW-52	d	Benzene	71-43-2	ug/L	6/29/2015	ND	
MW-53	d	Benzene	71-43-2	ug/L	6/29/2015		9.67
MW-54	d	Benzene	71-43-2	ug/L	6/29/2015	ND	
GU-3A	d	Benzene	71-43-2	ug/L	9/22/2015		0.525
MW-14R	d	Benzene	71-43-2	ug/L	2/15/2016	ND	
MW-14R	d	Benzene	71-43-2	ug/L	2/15/2016	ND	
MW-18	d	Benzene	71-43-2	ug/L	2/15/2016	ND	
MW-19	d	Benzene	71-43-2	ug/L	2/15/2016	ND	
MW-39	d	Benzene	71-43-2	ug/L	2/15/2016	ND	
MW-20	d	Benzene	71-43-2	ug/L	2/16/2016	ND	
MW-21	d	Benzene	71-43-2	ug/L	2/16/2016	ND	
MW-55	d	Benzene	71-43-2	ug/L	2/16/2016	ND	
MW-56	d	Benzene	71-43-2	ug/L	2/16/2016	J	0.126

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57	d	Benzene	71-43-2	ug/L	2/16/2016		0.918
MW-58	d	Benzene	71-43-2	ug/L	2/16/2016		4.1
MW-22R	d	Benzene	71-43-2	ug/L	2/17/2016	ND	
MW-28	d	Benzene	71-43-2	ug/L	8/25/2016	ND	
MW-29	d	Benzene	71-43-2	ug/L	8/25/2016		2.05
MW-30R	d	Benzene	71-43-2	ug/L	8/25/2016		0.919
MW-31R	d	Benzene	71-43-2	ug/L	8/25/2016	ND	
MW-32R	d	Benzene	71-43-2	ug/L	8/25/2016	ND	
MW-33R	d	Benzene	71-43-2	ug/L	8/25/2016	ND	
MW-50	d	Benzene	71-43-2	ug/L	8/25/2016	ND	
MW-51	d	Benzene	71-43-2	ug/L	8/25/2016	J	0.154
MW-52	d	Benzene	71-43-2	ug/L	8/25/2016	ND	
MW-53	d	Benzene	71-43-2	ug/L	8/25/2016		9.41
MW-54	d	Benzene	71-43-2	ug/L	8/25/2016	ND	
GU-3A	d	Benzene	71-43-2	ug/L	8/26/2016		0.59
MW-70	d	Benzene	71-43-2	ug/L	8/26/2016	ND	
MW-18	d	Benzene	71-43-2	ug/L	1/17/2017	ND	
MW-19	d	Benzene	71-43-2	ug/L	1/17/2017	ND	
MW-22R	d	Benzene	71-43-2	ug/L	1/17/2017	ND	
MW-28	d	Benzene	71-43-2	ug/L	1/17/2017	ND	
MW-28	d	Benzene	71-43-2	ug/L	1/17/2017	ND	
MW-39	d	Benzene	71-43-2	ug/L	1/17/2017	ND	
MW-50	d	Benzene	71-43-2	ug/L	1/17/2017	ND	
MW-51	d	Benzene	71-43-2	ug/L	1/17/2017	ND	
MW-53	d	Benzene	71-43-2	ug/L	1/17/2017		8.49
MW-54	d	Benzene	71-43-2	ug/L	1/17/2017	ND	
MW-56	d	Benzene	71-43-2	ug/L	1/17/2017	J	0.372
GU-3A	d	Benzene	71-43-2	ug/L	7/10/2017	ND	
MW-14R	d	Benzene	71-43-2	ug/L	7/10/2017	ND	
MW-20	d	Benzene	71-43-2	ug/L	7/10/2017	ND	
MW-21	d	Benzene	71-43-2	ug/L	7/10/2017	ND	
MW-29	d	Benzene	71-43-2	ug/L	7/10/2017		2.44
MW-30R	d	Benzene	71-43-2	ug/L	7/10/2017		0.666
MW-31R	d	Benzene	71-43-2	ug/L	7/10/2017	ND	
MW-32R	d	Benzene	71-43-2	ug/L	7/10/2017	ND	
MW-32R	d	Benzene	71-43-2	ug/L	7/10/2017	ND	
MW-33R	d	Benzene	71-43-2	ug/L	7/10/2017	ND	
MW-57	d	Benzene	71-43-2	ug/L	7/10/2017		0.726
MW-58	d	Benzene	71-43-2	ug/L	7/10/2017		3.17
MW-70	d	Benzene	71-43-2	ug/L	7/10/2017	ND	
MW-52	d	Benzene	71-43-2	ug/L	10/17/2017	ND	
MW-55	d	Benzene	71-43-2	ug/L	10/17/2017	ND	
GU-3A	d	Benzene	71-43-2	ug/L	4/3/2018	ND	
GU-3A	d	Benzene	71-43-2	ug/L	4/3/2018	ND	
MW-14R	d	Benzene	71-43-2	ug/L	4/3/2018	ND	
MW-20	d	Benzene	71-43-2	ug/L	4/3/2018	ND	
MW-21	d	Benzene	71-43-2	ug/L	4/3/2018	ND	
MW-29	d	Benzene	71-43-2	ug/L	4/3/2018		2.14
MW-30R	d	Benzene	71-43-2	ug/L	4/3/2018		0.635
MW-31R	d	Benzene	71-43-2	ug/L	4/3/2018	ND	
MW-32R	d	Benzene	71-43-2	ug/L	4/3/2018	ND	
MW-33R	d	Benzene	71-43-2	ug/L	4/3/2018	ND	
MW-33R	d	Benzene	71-43-2	ug/L	4/3/2018	ND	
MW-57	d	Benzene	71-43-2	ug/L	4/3/2018		1.14
MW-58	d	Benzene	71-43-2	ug/L	4/3/2018		2.89
MW-70	d	Benzene	71-43-2	ug/L	4/3/2018	ND	
SW-104	d	Benzene	71-43-2	ug/L	4/3/2018	ND	
SW-105	d	Benzene	71-43-2	ug/L	4/3/2018	ND	
SW-107	d	Benzene	71-43-2	ug/L	4/3/2018	ND	
MW-39	d	Benzene	71-43-2	ug/L	11/1/2018	ND	
MW-50	d	Benzene	71-43-2	ug/L	11/1/2018	ND	
MW-51	d	Benzene	71-43-2	ug/L	11/1/2018	ND	
MW-52	d	Benzene	71-43-2	ug/L	11/1/2018	ND	
MW-53	d	Benzene	71-43-2	ug/L	11/1/2018		9.33
MW-54	d	Benzene	71-43-2	ug/L	11/1/2018	ND	
MW-55	d	Benzene	71-43-2	ug/L	11/1/2018	ND	
MW-18	d	Benzene	71-43-2	ug/L	11/2/2018	NDF2	
MW-19	d	Benzene	71-43-2	ug/L	11/2/2018	ND	
MW-22R	d	Benzene	71-43-2	ug/L	11/2/2018	ND	
MW-28	d	Benzene	71-43-2	ug/L	11/2/2018	ND	
MW-56	d	Benzene	71-43-2	ug/L	11/2/2018	H	0.568
MW-18	d	Benzene	71-43-2	ug/L	5/16/2019	ND	
MW-19	d	Benzene	71-43-2	ug/L	5/16/2019	ND	
MW-23	u	Benzene	71-43-2	ug/L	5/16/2019	ND	
MW-24R	u	Benzene	71-43-2	ug/L	5/16/2019	ND	
MW-28	d	Benzene	71-43-2	ug/L	5/16/2019	ND	
MW-55	d	Benzene	71-43-2	ug/L	5/16/2019	ND	
MW-50	d	Benzene	71-43-2	ug/L	5/20/2019	ND	
MW-51	d	Benzene	71-43-2	ug/L	5/20/2019	ND	
MW-52	d	Benzene	71-43-2	ug/L	5/20/2019	ND	
MW-54	d	Benzene	71-43-2	ug/L	5/20/2019	ND	
MW-56	d	Benzene	71-43-2	ug/L	5/20/2019	ND	
MW-53	d	Benzene	71-43-2	ug/L	5/21/2019		9.58
MW-14R	d	Benzene	71-43-2	ug/L	9/11/2019	ND	
MW-29	d	Benzene	71-43-2	ug/L	9/11/2019		2.18
MW-30R	d	Benzene	71-43-2	ug/L	9/11/2019		0.621
MW-33R	d	Benzene	71-43-2	ug/L	9/11/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	Benzene	71-43-2	ug/L	9/11/2019		3.36
MW-70	d	Benzene	71-43-2	ug/L	9/13/2019	ND	
GU-3A	d	Benzene	71-43-2	ug/L	3/16/2020	ND	
MW-33R	d	Benzene	71-43-2	ug/L	3/16/2020	ND	
MW-14R	d	Benzene	71-43-2	ug/L	3/17/2020	ND	
MW-29	d	Benzene	71-43-2	ug/L	3/17/2020		3.4
MW-30R	d	Benzene	71-43-2	ug/L	3/17/2020		0.625
MW-58	d	Benzene	71-43-2	ug/L	3/17/2020		4.59
MW-70	d	Benzene	71-43-2	ug/L	3/17/2020	ND	
MW-19	d	Benzene	71-43-2	ug/L	7/20/2020	ND	
MW-28	d	Benzene	71-43-2	ug/L	7/20/2020	ND	
MW-51	d	Benzene	71-43-2	ug/L	7/20/2020	ND	
MW-55	d	Benzene	71-43-2	ug/L	7/20/2020	ND	
MW-56	d	Benzene	71-43-2	ug/L	7/20/2020		0.605
MW-57R	d	Benzene	71-43-2	ug/L	7/20/2020	J	0.293
MW-73	d	Benzene	71-43-2	ug/L	7/20/2020	J	0.252
MW-18	d	Benzene	71-43-2	ug/L	7/21/2020	ND	
MW-50	d	Benzene	71-43-2	ug/L	7/21/2020	ND	
MW-52	d	Benzene	71-43-2	ug/L	7/21/2020	ND	
MW-53	d	Benzene	71-43-2	ug/L	7/21/2020		11.1
MW-54	d	Benzene	71-43-2	ug/L	7/21/2020	ND	
MW-23	u	Benzene	71-43-2	ug/L	7/22/2020	ND	
MW-24R	u	Benzene	71-43-2	ug/L	7/22/2020	ND	
MW-55	d	Benzene	71-43-2	ug/L	11/12/2020		0.559
MW-33R	d	Benzene	71-43-2	ug/L	8/24/2021		<0.500
MW-14R	d	Benzene	71-43-2	ug/L	8/24/2021		<0.500
MW-29	d	Benzene	71-43-2	ug/L	8/25/2021		1.91
MW-58	d	Benzene	71-43-2	ug/L	8/25/2021		3.75
MW-30R	d	Benzene	71-43-2	ug/L	8/25/2021		0.591
MW-68	d	Benzene	71-43-2	ug/L	8/25/2021	J	0.31
MW-69	d	Benzene	71-43-2	ug/L	8/25/2021		0.609
MW-70	d	Benzene	71-43-2	ug/L	8/26/2021		<0.500
MW-57R	d	Benzene	71-43-2	ug/L	8/26/2021		1.52
PZ-13	d	Benzene	71-43-2	ug/L	8/27/2021		<0.500
MW-73	d	Benzene	71-43-2	ug/L	8/27/2021		<0.500
GU-3A	d	Benzene	71-43-2	ug/L	9/8/2021		<0.500
MW-24R	u	Benzene	71-43-2	ug/L	12/7/2021		<0.500
MW-28	d	Benzene	71-43-2	ug/L	12/7/2021		<0.500
MW-57R	d	Benzene	71-43-2	ug/L	12/7/2021		2.83
MW-73	d	Benzene	71-43-2	ug/L	12/7/2021		0.514
MW-56	d	Benzene	71-43-2	ug/L	12/7/2021		2.63
MW-19	d	Benzene	71-43-2	ug/L	12/7/2021		<0.500
MW-18	d	Benzene	71-43-2	ug/L	12/7/2021		<0.500
MW-55	d	Benzene	71-43-2	ug/L	12/7/2021		<0.500
MW-50	d	Benzene	71-43-2	ug/L	12/7/2021		<0.500
MW-23	u	Benzene	71-43-2	ug/L	12/8/2021		<0.500
MW-39	d	Benzene	71-43-2	ug/L	12/8/2021		<0.500
MW-51	d	Benzene	71-43-2	ug/L	12/8/2021		<0.500
MW-52	d	Benzene	71-43-2	ug/L	12/8/2021		<0.500
MW-53	d	Benzene	71-43-2	ug/L	12/8/2021		8.94
MW-54	d	Benzene	71-43-2	ug/L	12/8/2021		<0.500
MW-39	d	Benzo [a] anthracene	56-55-3	ug/L	3/11/2013	ND	
MW-31R	d	Benzo [a] anthracene	56-55-3	ug/L	9/10/2013	ND	
MW-32R	d	Benzo [a] anthracene	56-55-3	ug/L	9/10/2013	ND	
MW-18	d	Benzo [a] anthracene	56-55-3	ug/L	12/18/2013	ND	
MW-20	d	Benzo [a] anthracene	56-55-3	ug/L	12/18/2013	ND	
MW-21	d	Benzo [a] anthracene	56-55-3	ug/L	12/18/2013	ND	
MW-22R	d	Benzo [a] anthracene	56-55-3	ug/L	12/18/2013	ND	
MW-30R	d	Benzo [a] anthracene	56-55-3	ug/L	12/18/2013	ND	
MW-18	d	Benzo [a] anthracene	56-55-3	ug/L	6/24/2014	ND	
MW-29	d	Benzo [a] anthracene	56-55-3	ug/L	7/24/2014	ND	
MW-57	d	Benzo [a] anthracene	56-55-3	ug/L	7/24/2014	ND	
MW-58	d	Benzo [a] anthracene	56-55-3	ug/L	7/24/2014	ND	
MW-33R	d	Benzo [a] anthracene	56-55-3	ug/L	9/24/2014	ND	
MW-50	d	Benzo [a] anthracene	56-55-3	ug/L	9/24/2014	ND	
MW-51	d	Benzo [a] anthracene	56-55-3	ug/L	9/24/2014	ND	
MW-52	d	Benzo [a] anthracene	56-55-3	ug/L	9/24/2014	ND	
MW-53	d	Benzo [a] anthracene	56-55-3	ug/L	9/24/2014	ND	
MW-54	d	Benzo [a] anthracene	56-55-3	ug/L	9/24/2014	ND	
MW-14R	d	Benzo [a] anthracene	56-55-3	ug/L	12/4/2014	ND	
MW-19	d	Benzo [a] anthracene	56-55-3	ug/L	12/4/2014	ND	
MW-28	d	Benzo [a] anthracene	56-55-3	ug/L	12/4/2014	ND	
MW-56	d	Benzo [a] anthracene	56-55-3	ug/L	12/4/2014	ND	
MW-55	d	Benzo [a] anthracene	56-55-3	ug/L	3/11/2015	ND	
MW-20	d	Benzo [a] anthracene	56-55-3	ug/L	4/3/2018	ND	
MW-21	d	Benzo [a] anthracene	56-55-3	ug/L	4/3/2018	ND	
MW-30R	d	Benzo [a] anthracene	56-55-3	ug/L	4/3/2018	ND	
MW-31R	d	Benzo [a] anthracene	56-55-3	ug/L	4/3/2018	ND	
MW-32R	d	Benzo [a] anthracene	56-55-3	ug/L	4/3/2018	ND	
MW-39	d	Benzo [a] anthracene	56-55-3	ug/L	11/1/2018	ND	
MW-22R	d	Benzo [a] anthracene	56-55-3	ug/L	11/2/2018	ND	
MW-18	d	Benzo [a] anthracene	56-55-3	ug/L	5/16/2019	ND	
MW-19	d	Benzo [a] anthracene	56-55-3	ug/L	5/16/2019	ND	
MW-28	d	Benzo [a] anthracene	56-55-3	ug/L	5/16/2019	ND	
MW-50	d	Benzo [a] anthracene	56-55-3	ug/L	5/20/2019	ND	
MW-51	d	Benzo [a] anthracene	56-55-3	ug/L	5/20/2019	ND	
MW-52	d	Benzo [a] anthracene	56-55-3	ug/L	5/20/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-53	d	Benzo [a] anthracene	56-55-3	ug/L	5/20/2019	ND	
MW-54	d	Benzo [a] anthracene	56-55-3	ug/L	5/20/2019	ND	
MW-56	d	Benzo [a] anthracene	56-55-3	ug/L	5/20/2019	ND	
MW-14R	d	Benzo [a] anthracene	56-55-3	ug/L	9/11/2019	ND	
MW-29	d	Benzo [a] anthracene	56-55-3	ug/L	9/11/2019	ND	
MW-33R	d	Benzo [a] anthracene	56-55-3	ug/L	9/11/2019	ND	
MW-58	d	Benzo [a] anthracene	56-55-3	ug/L	9/11/2019	ND	
MW-55	d	Benzo [a] anthracene	56-55-3	ug/L	11/12/2020	ND	
MW-39	d	Benzo [a] pyrene	50-32-8	ug/L	3/11/2013	ND	
MW-31R	d	Benzo [a] pyrene	50-32-8	ug/L	9/10/2013	ND	
MW-32R	d	Benzo [a] pyrene	50-32-8	ug/L	9/10/2013	ND	
MW-18	d	Benzo [a] pyrene	50-32-8	ug/L	12/18/2013	ND	
MW-20	d	Benzo [a] pyrene	50-32-8	ug/L	12/18/2013	ND	
MW-21	d	Benzo [a] pyrene	50-32-8	ug/L	12/18/2013	ND	
MW-22R	d	Benzo [a] pyrene	50-32-8	ug/L	12/18/2013	ND	
MW-30R	d	Benzo [a] pyrene	50-32-8	ug/L	12/18/2013	ND	
MW-18	d	Benzo [a] pyrene	50-32-8	ug/L	6/24/2014	ND	
MW-29	d	Benzo [a] pyrene	50-32-8	ug/L	7/24/2014	ND	
MW-57	d	Benzo [a] pyrene	50-32-8	ug/L	7/24/2014	ND	
MW-58	d	Benzo [a] pyrene	50-32-8	ug/L	7/24/2014	ND	
MW-33R	d	Benzo [a] pyrene	50-32-8	ug/L	9/24/2014	ND	
MW-50	d	Benzo [a] pyrene	50-32-8	ug/L	9/24/2014	ND	
MW-51	d	Benzo [a] pyrene	50-32-8	ug/L	9/24/2014	ND	
MW-52	d	Benzo [a] pyrene	50-32-8	ug/L	9/24/2014	ND	
MW-53	d	Benzo [a] pyrene	50-32-8	ug/L	9/24/2014	ND	
MW-54	d	Benzo [a] pyrene	50-32-8	ug/L	9/24/2014	ND	
MW-14R	d	Benzo [a] pyrene	50-32-8	ug/L	12/4/2014	ND	
MW-19	d	Benzo [a] pyrene	50-32-8	ug/L	12/4/2014	ND	
MW-28	d	Benzo [a] pyrene	50-32-8	ug/L	12/4/2014	ND	
MW-56	d	Benzo [a] pyrene	50-32-8	ug/L	12/4/2014	ND	
MW-55	d	Benzo [a] pyrene	50-32-8	ug/L	3/11/2015	ND	
MW-20	d	Benzo [a] pyrene	50-32-8	ug/L	4/3/2018	ND	
MW-21	d	Benzo [a] pyrene	50-32-8	ug/L	4/3/2018	ND	
MW-30R	d	Benzo [a] pyrene	50-32-8	ug/L	4/3/2018	ND	
MW-31R	d	Benzo [a] pyrene	50-32-8	ug/L	4/3/2018	ND	
MW-32R	d	Benzo [a] pyrene	50-32-8	ug/L	4/3/2018	ND	
MW-39	d	Benzo [a] pyrene	50-32-8	ug/L	11/1/2018	ND	
MW-22R	d	Benzo [a] pyrene	50-32-8	ug/L	11/2/2018	ND	
MW-18	d	Benzo [a] pyrene	50-32-8	ug/L	5/16/2019	ND	
MW-19	d	Benzo [a] pyrene	50-32-8	ug/L	5/16/2019	ND	
MW-28	d	Benzo [a] pyrene	50-32-8	ug/L	5/16/2019	ND	
MW-50	d	Benzo [a] pyrene	50-32-8	ug/L	5/20/2019	ND	
MW-51	d	Benzo [a] pyrene	50-32-8	ug/L	5/20/2019	ND	
MW-52	d	Benzo [a] pyrene	50-32-8	ug/L	5/20/2019	ND	
MW-53	d	Benzo [a] pyrene	50-32-8	ug/L	5/20/2019	ND	
MW-54	d	Benzo [a] pyrene	50-32-8	ug/L	5/20/2019	ND	
MW-56	d	Benzo [a] pyrene	50-32-8	ug/L	5/20/2019	ND	
MW-14R	d	Benzo [a] pyrene	50-32-8	ug/L	9/11/2019	ND	
MW-29	d	Benzo [a] pyrene	50-32-8	ug/L	9/11/2019	ND	
MW-33R	d	Benzo [a] pyrene	50-32-8	ug/L	9/11/2019	ND	
MW-58	d	Benzo [a] pyrene	50-32-8	ug/L	9/11/2019	ND	
MW-55	d	Benzo [a] pyrene	50-32-8	ug/L	11/12/2020	ND	
MW-39	d	Benzo [b] fluoranthene	205-99-2	ug/L	3/11/2013	ND	
MW-31R	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/10/2013	ND	
MW-32R	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/10/2013	ND	
MW-18	d	Benzo [b] fluoranthene	205-99-2	ug/L	12/18/2013	ND	
MW-20	d	Benzo [b] fluoranthene	205-99-2	ug/L	12/18/2013	ND	
MW-21	d	Benzo [b] fluoranthene	205-99-2	ug/L	12/18/2013	ND	
MW-22R	d	Benzo [b] fluoranthene	205-99-2	ug/L	12/18/2013	ND	
MW-30R	d	Benzo [b] fluoranthene	205-99-2	ug/L	12/18/2013	ND	
MW-18	d	Benzo [b] fluoranthene	205-99-2	ug/L	6/24/2014	ND	
MW-29	d	Benzo [b] fluoranthene	205-99-2	ug/L	7/24/2014	ND	
MW-57	d	Benzo [b] fluoranthene	205-99-2	ug/L	7/24/2014	ND	
MW-58	d	Benzo [b] fluoranthene	205-99-2	ug/L	7/24/2014	ND	
MW-33R	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/24/2014	ND	
MW-50	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/24/2014	ND	
MW-51	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/24/2014	ND	
MW-52	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/24/2014	ND	
MW-53	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/24/2014	ND	
MW-54	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/24/2014	ND	
MW-14R	d	Benzo [b] fluoranthene	205-99-2	ug/L	12/4/2014	ND	
MW-19	d	Benzo [b] fluoranthene	205-99-2	ug/L	12/4/2014	ND	
MW-28	d	Benzo [b] fluoranthene	205-99-2	ug/L	12/4/2014	ND	
MW-56	d	Benzo [b] fluoranthene	205-99-2	ug/L	12/4/2014	ND	
MW-55	d	Benzo [b] fluoranthene	205-99-2	ug/L	3/11/2015	ND	
MW-20	d	Benzo [b] fluoranthene	205-99-2	ug/L	4/3/2018	ND	
MW-21	d	Benzo [b] fluoranthene	205-99-2	ug/L	4/3/2018	ND	
MW-30R	d	Benzo [b] fluoranthene	205-99-2	ug/L	4/3/2018	ND	
MW-31R	d	Benzo [b] fluoranthene	205-99-2	ug/L	4/3/2018	ND	
MW-32R	d	Benzo [b] fluoranthene	205-99-2	ug/L	4/3/2018	ND	
MW-39	d	Benzo [b] fluoranthene	205-99-2	ug/L	11/1/2018	ND	
MW-22R	d	Benzo [b] fluoranthene	205-99-2	ug/L	11/2/2018	ND	
MW-18	d	Benzo [b] fluoranthene	205-99-2	ug/L	5/16/2019	ND	
MW-19	d	Benzo [b] fluoranthene	205-99-2	ug/L	5/16/2019	ND	
MW-28	d	Benzo [b] fluoranthene	205-99-2	ug/L	5/16/2019	ND	
MW-50	d	Benzo [b] fluoranthene	205-99-2	ug/L	5/20/2019	ND	
MW-51	d	Benzo [b] fluoranthene	205-99-2	ug/L	5/20/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-52	d	Benzo [b] fluoranthene	205-99-2	ug/L	5/20/2019	ND	
MW-53	d	Benzo [b] fluoranthene	205-99-2	ug/L	5/20/2019	ND	
MW-54	d	Benzo [b] fluoranthene	205-99-2	ug/L	5/20/2019	ND	
MW-56	d	Benzo [b] fluoranthene	205-99-2	ug/L	5/20/2019	ND	
MW-14R	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/11/2019	ND	
MW-29	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/11/2019	ND	
MW-33R	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/11/2019	ND	
MW-58	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/11/2019	ND	
MW-55	d	Benzo [b] fluoranthene	205-99-2	ug/L	11/12/2020	ND	
MW-39	d	Benzo [g,h,i] perylene	191-24-2	ug/L	3/11/2013	ND	
MW-31R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/10/2013	ND	
MW-32R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/10/2013	ND	
MW-18	d	Benzo [g,h,i] perylene	191-24-2	ug/L	12/18/2013	ND	
MW-20	d	Benzo [g,h,i] perylene	191-24-2	ug/L	12/18/2013	ND	
MW-21	d	Benzo [g,h,i] perylene	191-24-2	ug/L	12/18/2013	ND	
MW-22R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	12/18/2013	ND	
MW-30R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	12/18/2013	ND	
MW-18	d	Benzo [g,h,i] perylene	191-24-2	ug/L	6/24/2014	ND	
MW-29	d	Benzo [g,h,i] perylene	191-24-2	ug/L	7/24/2014	ND	
MW-57	d	Benzo [g,h,i] perylene	191-24-2	ug/L	7/24/2014	ND	
MW-58	d	Benzo [g,h,i] perylene	191-24-2	ug/L	7/24/2014	ND	
MW-33R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/24/2014	ND	
MW-50	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/24/2014	ND	
MW-51	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/24/2014	ND	
MW-52	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/24/2014	ND	
MW-53	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/24/2014	ND	
MW-54	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/24/2014	ND	
MW-14R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	12/4/2014	ND	
MW-19	d	Benzo [g,h,i] perylene	191-24-2	ug/L	12/4/2014	ND	
MW-28	d	Benzo [g,h,i] perylene	191-24-2	ug/L	12/4/2014	ND	
MW-56	d	Benzo [g,h,i] perylene	191-24-2	ug/L	12/4/2014	ND	
MW-55	d	Benzo [g,h,i] perylene	191-24-2	ug/L	3/11/2015	ND	
MW-20	d	Benzo [g,h,i] perylene	191-24-2	ug/L	4/3/2018	ND	
MW-21	d	Benzo [g,h,i] perylene	191-24-2	ug/L	4/3/2018	ND	
MW-30R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	4/3/2018	ND	
MW-31R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	4/3/2018	ND	
MW-32R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	4/3/2018	ND	
MW-39	d	Benzo [g,h,i] perylene	191-24-2	ug/L	11/1/2018	ND	
MW-22R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	11/2/2018	ND	
MW-18	d	Benzo [g,h,i] perylene	191-24-2	ug/L	5/16/2019	ND	
MW-19	d	Benzo [g,h,i] perylene	191-24-2	ug/L	5/16/2019	ND	
MW-28	d	Benzo [g,h,i] perylene	191-24-2	ug/L	5/16/2019	ND	
MW-50	d	Benzo [g,h,i] perylene	191-24-2	ug/L	5/20/2019	ND	
MW-51	d	Benzo [g,h,i] perylene	191-24-2	ug/L	5/20/2019	ND	
MW-52	d	Benzo [g,h,i] perylene	191-24-2	ug/L	5/20/2019	ND	
MW-53	d	Benzo [g,h,i] perylene	191-24-2	ug/L	5/20/2019	ND	
MW-54	d	Benzo [g,h,i] perylene	191-24-2	ug/L	5/20/2019	ND	
MW-56	d	Benzo [g,h,i] perylene	191-24-2	ug/L	5/20/2019	ND	
MW-14R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/11/2019	ND	
MW-29	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/11/2019	ND	
MW-33R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/11/2019	ND	
MW-58	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/11/2019	ND	
MW-55	d	Benzo [g,h,i] perylene	191-24-2	ug/L	11/12/2020	ND	
MW-39	d	Benzo [k] fluoranthene	207-08-9	ug/L	3/11/2013	ND	
MW-31R	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/10/2013	ND	
MW-32R	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/10/2013	ND	
MW-18	d	Benzo [k] fluoranthene	207-08-9	ug/L	12/18/2013	ND	
MW-20	d	Benzo [k] fluoranthene	207-08-9	ug/L	12/18/2013	ND	
MW-21	d	Benzo [k] fluoranthene	207-08-9	ug/L	12/18/2013	ND	
MW-22R	d	Benzo [k] fluoranthene	207-08-9	ug/L	12/18/2013	ND	
MW-30R	d	Benzo [k] fluoranthene	207-08-9	ug/L	12/18/2013	ND	
MW-18	d	Benzo [k] fluoranthene	207-08-9	ug/L	6/24/2014	ND	
MW-29	d	Benzo [k] fluoranthene	207-08-9	ug/L	7/24/2014	ND	
MW-57	d	Benzo [k] fluoranthene	207-08-9	ug/L	7/24/2014	ND	
MW-58	d	Benzo [k] fluoranthene	207-08-9	ug/L	7/24/2014	ND	
MW-33R	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/24/2014	ND	
MW-50	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/24/2014	ND	
MW-51	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/24/2014	ND	
MW-52	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/24/2014	ND	
MW-53	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/24/2014	ND	
MW-54	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/24/2014	ND	
MW-14R	d	Benzo [k] fluoranthene	207-08-9	ug/L	12/4/2014	ND	
MW-19	d	Benzo [k] fluoranthene	207-08-9	ug/L	12/4/2014	ND	
MW-28	d	Benzo [k] fluoranthene	207-08-9	ug/L	12/4/2014	ND	
MW-56	d	Benzo [k] fluoranthene	207-08-9	ug/L	12/4/2014	ND	
MW-55	d	Benzo [k] fluoranthene	207-08-9	ug/L	3/11/2015	ND	
MW-20	d	Benzo [k] fluoranthene	207-08-9	ug/L	4/3/2018	ND	
MW-21	d	Benzo [k] fluoranthene	207-08-9	ug/L	4/3/2018	ND	
MW-30R	d	Benzo [k] fluoranthene	207-08-9	ug/L	4/3/2018	ND	
MW-31R	d	Benzo [k] fluoranthene	207-08-9	ug/L	4/3/2018	ND	
MW-32R	d	Benzo [k] fluoranthene	207-08-9	ug/L	4/3/2018	ND	
MW-39	d	Benzo [k] fluoranthene	207-08-9	ug/L	11/1/2018	ND	
MW-22R	d	Benzo [k] fluoranthene	207-08-9	ug/L	11/2/2018	ND	
MW-18	d	Benzo [k] fluoranthene	207-08-9	ug/L	5/16/2019	ND	
MW-19	d	Benzo [k] fluoranthene	207-08-9	ug/L	5/16/2019	ND	
MW-28	d	Benzo [k] fluoranthene	207-08-9	ug/L	5/16/2019	ND	
MW-50	d	Benzo [k] fluoranthene	207-08-9	ug/L	5/20/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-51	d	Benzo [k] fluoranthene	207-08-9	ug/L	5/20/2019	ND	
MW-52	d	Benzo [k] fluoranthene	207-08-9	ug/L	5/20/2019	ND	
MW-53	d	Benzo [k] fluoranthene	207-08-9	ug/L	5/20/2019	ND	
MW-54	d	Benzo [k] fluoranthene	207-08-9	ug/L	5/20/2019	ND	
MW-56	d	Benzo [k] fluoranthene	207-08-9	ug/L	5/20/2019	ND	
MW-14R	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/11/2019	ND	
MW-29	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/11/2019	ND	
MW-33R	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/11/2019	ND	
MW-58	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/11/2019	ND	
MW-55	d	Benzo [k] fluoranthene	207-08-9	ug/L	11/12/2020	ND	
MW-39	d	Benzyl alcohol	100-51-6	ug/L	3/11/2013	ND	
MW-31R	d	Benzyl alcohol	100-51-6	ug/L	9/10/2013	ND	
MW-32R	d	Benzyl alcohol	100-51-6	ug/L	9/10/2013	ND	
MW-18	d	Benzyl alcohol	100-51-6	ug/L	12/18/2013	ND	
MW-20	d	Benzyl alcohol	100-51-6	ug/L	12/18/2013	ND	
MW-21	d	Benzyl alcohol	100-51-6	ug/L	12/18/2013	ND	
MW-22R	d	Benzyl alcohol	100-51-6	ug/L	12/18/2013	ND	
MW-30R	d	Benzyl alcohol	100-51-6	ug/L	12/18/2013	ND	
MW-18	d	Benzyl alcohol	100-51-6	ug/L	6/24/2014	ND	
MW-29	d	Benzyl alcohol	100-51-6	ug/L	7/24/2014	ND	
MW-57	d	Benzyl alcohol	100-51-6	ug/L	7/24/2014	ND	
MW-58	d	Benzyl alcohol	100-51-6	ug/L	7/24/2014	ND	
MW-33R	d	Benzyl alcohol	100-51-6	ug/L	9/24/2014	ND	
MW-50	d	Benzyl alcohol	100-51-6	ug/L	9/24/2014	ND	
MW-51	d	Benzyl alcohol	100-51-6	ug/L	9/24/2014	ND	
MW-52	d	Benzyl alcohol	100-51-6	ug/L	9/24/2014	ND	
MW-53	d	Benzyl alcohol	100-51-6	ug/L	9/24/2014	ND	
MW-54	d	Benzyl alcohol	100-51-6	ug/L	9/24/2014	ND	
MW-14R	d	Benzyl alcohol	100-51-6	ug/L	12/4/2014	ND	
MW-19	d	Benzyl alcohol	100-51-6	ug/L	12/4/2014	ND	
MW-28	d	Benzyl alcohol	100-51-6	ug/L	12/4/2014	ND	
MW-56	d	Benzyl alcohol	100-51-6	ug/L	12/4/2014	ND	
MW-55	d	Benzyl alcohol	100-51-6	ug/L	3/11/2015	ND	
MW-20	d	Benzyl alcohol	100-51-6	ug/L	4/3/2018	ND	
MW-21	d	Benzyl alcohol	100-51-6	ug/L	4/3/2018	ND	
MW-30R	d	Benzyl alcohol	100-51-6	ug/L	4/3/2018	ND	
MW-31R	d	Benzyl alcohol	100-51-6	ug/L	4/3/2018	ND	
MW-32R	d	Benzyl alcohol	100-51-6	ug/L	4/3/2018	ND	
MW-39	d	Benzyl alcohol	100-51-6	ug/L	11/1/2018	ND	
MW-22R	d	Benzyl alcohol	100-51-6	ug/L	11/2/2018	ND	
MW-18	d	Benzyl alcohol	100-51-6	ug/L	5/16/2019	ND	
MW-19	d	Benzyl alcohol	100-51-6	ug/L	5/16/2019	ND	
MW-28	d	Benzyl alcohol	100-51-6	ug/L	5/16/2019	ND	
MW-50	d	Benzyl alcohol	100-51-6	ug/L	5/20/2019	ND	
MW-51	d	Benzyl alcohol	100-51-6	ug/L	5/20/2019	ND	
MW-52	d	Benzyl alcohol	100-51-6	ug/L	5/20/2019	ND	
MW-53	d	Benzyl alcohol	100-51-6	ug/L	5/20/2019	ND	
MW-54	d	Benzyl alcohol	100-51-6	ug/L	5/20/2019	ND	
MW-56	d	Benzyl alcohol	100-51-6	ug/L	5/20/2019	ND	
MW-14R	d	Benzyl alcohol	100-51-6	ug/L	9/11/2019	ND	
MW-29	d	Benzyl alcohol	100-51-6	ug/L	9/11/2019	ND	
MW-33R	d	Benzyl alcohol	100-51-6	ug/L	9/11/2019	ND	
MW-58	d	Benzyl alcohol	100-51-6	ug/L	9/11/2019	ND	
MW-55	d	Benzyl alcohol	100-51-6	ug/L	11/12/2020	ND	
MW-51	d	Beryllium	7440-41-7	mg/L	1/15/2010	ND	
MW-24R	u	Beryllium	7440-41-7	mg/L	2/11/2010	ND	
MW-53	d	Beryllium	7440-41-7	mg/L	2/11/2010	ND	
GU-3A	d	Beryllium	7440-41-7	mg/L	3/24/2010	ND	
MW-20	d	Beryllium	7440-41-7	mg/L	3/24/2010	ND	
MW-21	d	Beryllium	7440-41-7	mg/L	3/24/2010	ND	
MW-22R	d	Beryllium	7440-41-7	mg/L	3/24/2010	ND	
MW-52	d	Beryllium	7440-41-7	mg/L	3/24/2010	ND	
MW-54	d	Beryllium	7440-41-7	mg/L	3/24/2010	ND	
MW-55	d	Beryllium	7440-41-7	mg/L	3/24/2010	ND	
MW-28	d	Beryllium	7440-41-7	mg/L	4/9/2010	ND	
MW-33R	d	Beryllium	7440-41-7	mg/L	4/9/2010	ND	
MW-50	d	Beryllium	7440-41-7	mg/L	4/9/2010	ND	
MW-56	d	Beryllium	7440-41-7	mg/L	4/9/2010	ND	
MW-57	d	Beryllium	7440-41-7	mg/L	4/9/2010	ND	
MW-58	d	Beryllium	7440-41-7	mg/L	4/9/2010	ND	
MW-32R	d	Beryllium	7440-41-7	mg/L	5/18/2010		0.00292
MW-52	d	Beryllium	7440-41-7	mg/L	5/18/2010	ND	
MW-14R	d	Beryllium	7440-41-7	mg/L	6/17/2010	ND	
MW-19	d	Beryllium	7440-41-7	mg/L	6/17/2010	ND	
MW-29	d	Beryllium	7440-41-7	mg/L	6/17/2010	ND	
MW-30R	d	Beryllium	7440-41-7	mg/L	6/17/2010	ND	
MW-31R	d	Beryllium	7440-41-7	mg/L	6/17/2010	ND	
MW-51	d	Beryllium	7440-41-7	mg/L	6/17/2010	ND	
MW-21	d	Beryllium	7440-41-7	mg/L	7/21/2010	ND	
MW-54	d	Beryllium	7440-41-7	mg/L	7/21/2010	ND	
MW-20	d	Beryllium	7440-41-7	mg/L	8/17/2010	ND	
MW-29	d	Beryllium	7440-41-7	mg/L	8/17/2010	ND	
MW-39	d	Beryllium	7440-41-7	mg/L	8/17/2010	ND	
MW-51	d	Beryllium	7440-41-7	mg/L	8/17/2010	ND	
GU-3A	d	Beryllium	7440-41-7	mg/L	9/17/2010	ND	
MW-22R	d	Beryllium	7440-41-7	mg/L	9/17/2010	ND	
MW-55	d	Beryllium	7440-41-7	mg/L	9/17/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	Beryllium	7440-41-7	mg/L	10/22/2010	ND	
MW-24R	u	Beryllium	7440-41-7	mg/L	10/22/2010	ND	
MW-30R	d	Beryllium	7440-41-7	mg/L	10/22/2010	ND	
MW-31R	d	Beryllium	7440-41-7	mg/L	10/22/2010	ND	
MW-50	d	Beryllium	7440-41-7	mg/L	10/22/2010	ND	
MW-53	d	Beryllium	7440-41-7	mg/L	10/22/2010	ND	
MW-56	d	Beryllium	7440-41-7	mg/L	10/22/2010	ND	
MW-58	d	Beryllium	7440-41-7	mg/L	10/22/2010	ND	
MW-14R	d	Beryllium	7440-41-7	mg/L	11/8/2010	ND	
MW-32R	d	Beryllium	7440-41-7	mg/L	11/8/2010		0.00116
MW-57	d	Beryllium	7440-41-7	mg/L	11/8/2010	ND	
MW-28	d	Beryllium	7440-41-7	mg/L	12/15/2010	ND	
MW-33R	d	Beryllium	7440-41-7	mg/L	12/15/2010		0.00186
MW-52	d	Beryllium	7440-41-7	mg/L	12/15/2010		0.00282
MW-54	d	Beryllium	7440-41-7	mg/L	1/12/2011		0.00145
MW-54	d	Beryllium	7440-41-7	mg/L	1/12/2011		0.00216
MW-20	d	Beryllium	7440-41-7	mg/L	2/22/2011	ND	
MW-22R	d	Beryllium	7440-41-7	mg/L	2/22/2011	ND	
MW-51	d	Beryllium	7440-41-7	mg/L	2/22/2011	ND	
MW-52	d	Beryllium	7440-41-7	mg/L	2/22/2011		0.00227
MW-53	d	Beryllium	7440-41-7	mg/L	2/22/2011	ND	
MW-55	d	Beryllium	7440-41-7	mg/L	2/22/2011	ND	
GU-3A	d	Beryllium	7440-41-7	mg/L	3/2/2011	ND	
MW-21	d	Beryllium	7440-41-7	mg/L	3/2/2011	ND	
MW-21	d	Beryllium	7440-41-7	mg/L	3/2/2011	ND	
MW-29	d	Beryllium	7440-41-7	mg/L	4/21/2011	ND	
MW-30R	d	Beryllium	7440-41-7	mg/L	4/21/2011	ND	
MW-31R	d	Beryllium	7440-41-7	mg/L	4/21/2011	ND	
MW-31R	d	Beryllium	7440-41-7	mg/L	4/21/2011	ND	
MW-32R	d	Beryllium	7440-41-7	mg/L	4/21/2011	ND	
MW-54	d	Beryllium	7440-41-7	mg/L	5/31/2011	ND	
MW-56	d	Beryllium	7440-41-7	mg/L	5/31/2011	ND	
MW-57	d	Beryllium	7440-41-7	mg/L	5/31/2011	ND	
MW-58	d	Beryllium	7440-41-7	mg/L	5/31/2011	ND	
MW-14R	d	Beryllium	7440-41-7	mg/L	6/7/2011	ND	
MW-14R	d	Beryllium	7440-41-7	mg/L	6/7/2011	ND	
MW-19	d	Beryllium	7440-41-7	mg/L	6/7/2011	ND	
MW-28	d	Beryllium	7440-41-7	mg/L	6/7/2011	ND	
MW-33R	d	Beryllium	7440-41-7	mg/L	6/7/2011	ND	
MW-39	d	Beryllium	7440-41-7	mg/L	6/7/2011	ND	
MW-50	d	Beryllium	7440-41-7	mg/L	6/7/2011	ND	
MW-52	d	Beryllium	7440-41-7	mg/L	7/22/2011	ND	
MW-56	d	Beryllium	7440-41-7	mg/L	7/22/2011	ND	
MW-58	d	Beryllium	7440-41-7	mg/L	7/22/2011	ND	
MW-14R	d	Beryllium	7440-41-7	mg/L	8/29/2011	ND	
MW-19	d	Beryllium	7440-41-7	mg/L	8/29/2011	ND	
MW-19	d	Beryllium	7440-41-7	mg/L	8/29/2011	ND	
MW-32R	d	Beryllium	7440-41-7	mg/L	8/29/2011	ND	
GU-3A	d	Beryllium	7440-41-7	mg/L	9/9/2011	ND	
MW-22R	d	Beryllium	7440-41-7	mg/L	9/9/2011	ND	
MW-23	u	Beryllium	7440-41-7	mg/L	9/9/2011	ND	
MW-24R	u	Beryllium	7440-41-7	mg/L	9/9/2011	ND	
MW-28	d	Beryllium	7440-41-7	mg/L	9/9/2011	ND	
MW-29	d	Beryllium	7440-41-7	mg/L	9/9/2011	ND	
MW-51	d	Beryllium	7440-41-7	mg/L	9/9/2011	ND	
MW-53	d	Beryllium	7440-41-7	mg/L	9/9/2011	ND	
MW-53	d	Beryllium	7440-41-7	mg/L	9/9/2011	ND	
MW-21	d	Beryllium	7440-41-7	mg/L	10/4/2011	ND	
MW-50	d	Beryllium	7440-41-7	mg/L	10/4/2011	ND	
MW-50	d	Beryllium	7440-41-7	mg/L	10/4/2011	ND	
MW-54	d	Beryllium	7440-41-7	mg/L	10/4/2011	ND	
MW-57	d	Beryllium	7440-41-7	mg/L	10/4/2011	ND	
MW-20	d	Beryllium	7440-41-7	mg/L	11/29/2011	ND	
MW-30R	d	Beryllium	7440-41-7	mg/L	11/29/2011	ND	
MW-52	d	Beryllium	7440-41-7	mg/L	11/29/2011	ND	
MW-55	d	Beryllium	7440-41-7	mg/L	11/29/2011	ND	
MW-31R	d	Beryllium	7440-41-7	mg/L	12/16/2011	ND	
MW-33R	d	Beryllium	7440-41-7	mg/L	12/16/2011	ND	
MW-39	d	Beryllium	7440-41-7	mg/L	12/16/2011	ND	
MW-14R	d	Beryllium	7440-41-7	mg/L	3/8/2012	ND	
MW-19	d	Beryllium	7440-41-7	mg/L	3/8/2012	ND	
MW-20	d	Beryllium	7440-41-7	mg/L	3/8/2012	ND	
MW-21	d	Beryllium	7440-41-7	mg/L	3/8/2012	ND	
MW-22R	d	Beryllium	7440-41-7	mg/L	3/8/2012	ND	
MW-23	u	Beryllium	7440-41-7	mg/L	3/8/2012	ND	
MW-24R	u	Beryllium	7440-41-7	mg/L	3/8/2012	ND	
MW-28	d	Beryllium	7440-41-7	mg/L	3/8/2012	ND	
MW-39	d	Beryllium	7440-41-7	mg/L	3/8/2012	ND	
MW-55	d	Beryllium	7440-41-7	mg/L	3/8/2012	ND	
MW-56	d	Beryllium	7440-41-7	mg/L	3/8/2012	ND	
MW-57	d	Beryllium	7440-41-7	mg/L	3/8/2012	ND	
MW-58	d	Beryllium	7440-41-7	mg/L	3/8/2012	ND	
GU-3A	d	Beryllium	7440-41-7	mg/L	6/13/2012	ND	
MW-29	d	Beryllium	7440-41-7	mg/L	6/13/2012	ND	
MW-30R	d	Beryllium	7440-41-7	mg/L	6/13/2012	ND	
MW-31R	d	Beryllium	7440-41-7	mg/L	6/13/2012	ND	
MW-32R	d	Beryllium	7440-41-7	mg/L	6/13/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	Beryllium	7440-41-7	mg/L	6/13/2012	ND	
MW-50	d	Beryllium	7440-41-7	mg/L	6/13/2012	ND	
MW-50	d	Beryllium	7440-41-7	mg/L	6/13/2012	ND	
MW-51	d	Beryllium	7440-41-7	mg/L	6/13/2012	ND	
MW-52	d	Beryllium	7440-41-7	mg/L	6/13/2012	ND	
MW-53	d	Beryllium	7440-41-7	mg/L	6/13/2012	ND	
MW-54	d	Beryllium	7440-41-7	mg/L	6/13/2012	ND	
GU-3A	d	Beryllium	7440-41-7	mg/L	9/4/2012	ND	
MW-20	d	Beryllium	7440-41-7	mg/L	9/4/2012	ND	
MW-21	d	Beryllium	7440-41-7	mg/L	9/4/2012	ND	
MW-22R	d	Beryllium	7440-41-7	mg/L	9/4/2012	ND	
MW-23	u	Beryllium	7440-41-7	mg/L	9/4/2012	ND	
MW-50	d	Beryllium	7440-41-7	mg/L	9/4/2012	ND	
MW-51	d	Beryllium	7440-41-7	mg/L	9/4/2012	ND	
MW-52	d	Beryllium	7440-41-7	mg/L	9/4/2012	ND	
MW-53	d	Beryllium	7440-41-7	mg/L	9/4/2012	ND	
MW-54	d	Beryllium	7440-41-7	mg/L	9/4/2012	ND	
MW-54	d	Beryllium	7440-41-7	mg/L	9/4/2012	ND	
MW-57	d	Beryllium	7440-41-7	mg/L	9/4/2012	ND	
MW-58	d	Beryllium	7440-41-7	mg/L	9/4/2012	ND	
MW-14R	d	Beryllium	7440-41-7	mg/L	12/19/2012	ND	
MW-19	d	Beryllium	7440-41-7	mg/L	12/19/2012	ND	
MW-28	d	Beryllium	7440-41-7	mg/L	12/19/2012	ND	
MW-29	d	Beryllium	7440-41-7	mg/L	12/19/2012	ND	
MW-30R	d	Beryllium	7440-41-7	mg/L	12/19/2012	ND	
MW-31R	d	Beryllium	7440-41-7	mg/L	12/19/2012	ND	
MW-32R	d	Beryllium	7440-41-7	mg/L	12/19/2012	ND	
MW-33R	d	Beryllium	7440-41-7	mg/L	12/19/2012	ND	
MW-33R	d	Beryllium	7440-41-7	mg/L	12/19/2012	ND	
MW-39	d	Beryllium	7440-41-7	mg/L	12/19/2012	ND	
MW-55	d	Beryllium	7440-41-7	mg/L	12/19/2012	ND	
MW-56	d	Beryllium	7440-41-7	mg/L	12/19/2012	ND	
MW-14R	d	Beryllium	7440-41-7	mg/L	3/11/2013	ND	
MW-19	d	Beryllium	7440-41-7	mg/L	3/11/2013	ND	
MW-23	u	Beryllium	7440-41-7	mg/L	3/11/2013	ND	
MW-28	d	Beryllium	7440-41-7	mg/L	3/11/2013	ND	
MW-39	d	Beryllium	7440-41-7	mg/L	3/11/2013	ND	
MW-50	d	Beryllium	7440-41-7	mg/L	3/11/2013	ND	
MW-50	d	Beryllium	7440-41-7	mg/L	3/11/2013	ND	
MW-51	d	Beryllium	7440-41-7	mg/L	3/11/2013	ND	
MW-52	d	Beryllium	7440-41-7	mg/L	3/11/2013	ND	
MW-53	d	Beryllium	7440-41-7	mg/L	3/11/2013	ND	
MW-54	d	Beryllium	7440-41-7	mg/L	3/11/2013	ND	
MW-55	d	Beryllium	7440-41-7	mg/L	3/11/2013	ND	
MW-56	d	Beryllium	7440-41-7	mg/L	3/11/2013	ND	
MW-20	d	Beryllium	7440-41-7	mg/L	6/10/2013	ND	
MW-20	d	Beryllium	7440-41-7	mg/L	6/10/2013	ND	
MW-21	d	Beryllium	7440-41-7	mg/L	6/10/2013	ND	
MW-22R	d	Beryllium	7440-41-7	mg/L	6/10/2013	ND	
MW-29	d	Beryllium	7440-41-7	mg/L	6/10/2013	ND	
MW-30R	d	Beryllium	7440-41-7	mg/L	6/10/2013	ND	
MW-31R	d	Beryllium	7440-41-7	mg/L	6/10/2013	ND	
MW-32R	d	Beryllium	7440-41-7	mg/L	6/10/2013	ND	
MW-33R	d	Beryllium	7440-41-7	mg/L	6/10/2013	ND	
MW-57	d	Beryllium	7440-41-7	mg/L	6/10/2013	ND	
MW-58	d	Beryllium	7440-41-7	mg/L	6/10/2013	ND	
GU-3A	d	Beryllium	7440-41-7	mg/L	9/10/2013	J	0.0002
MW-23	u	Beryllium	7440-41-7	mg/L	9/10/2013	ND	
MW-31R	d	Beryllium	7440-41-7	mg/L	9/10/2013	ND	
MW-31R	d	Beryllium	7440-41-7	mg/L	9/10/2013	ND	
MW-32R	d	Beryllium	7440-41-7	mg/L	9/10/2013	ND	
MW-33R	d	Beryllium	7440-41-7	mg/L	9/10/2013	ND	
MW-50	d	Beryllium	7440-41-7	mg/L	9/10/2013	ND	
MW-51	d	Beryllium	7440-41-7	mg/L	9/10/2013	ND	
MW-52	d	Beryllium	7440-41-7	mg/L	9/10/2013	ND	
MW-53	d	Beryllium	7440-41-7	mg/L	9/10/2013	ND	
MW-54	d	Beryllium	7440-41-7	mg/L	9/10/2013	ND	
MW-14R	d	Beryllium	7440-41-7	mg/L	12/18/2013	ND	
MW-18	d	Beryllium	7440-41-7	mg/L	12/18/2013	ND	
MW-19	d	Beryllium	7440-41-7	mg/L	12/18/2013	ND	
MW-20	d	Beryllium	7440-41-7	mg/L	12/18/2013	ND	
MW-21	d	Beryllium	7440-41-7	mg/L	12/18/2013	ND	
MW-22R	d	Beryllium	7440-41-7	mg/L	12/18/2013	ND	
MW-28	d	Beryllium	7440-41-7	mg/L	12/18/2013	ND	
MW-30R	d	Beryllium	7440-41-7	mg/L	12/18/2013	J	0.00032
MW-39	d	Beryllium	7440-41-7	mg/L	12/18/2013	ND	
MW-39	d	Beryllium	7440-41-7	mg/L	12/18/2013	ND	
MW-55	d	Beryllium	7440-41-7	mg/L	12/18/2013	ND	
MW-18	d	Beryllium	7440-41-7	mg/L	3/20/2014	ND	
MW-20	d	Beryllium	7440-41-7	mg/L	3/20/2014	ND	
MW-21	d	Beryllium	7440-41-7	mg/L	3/20/2014	ND	
MW-21	d	Beryllium	7440-41-7	mg/L	3/20/2014	ND	
MW-22R	d	Beryllium	7440-41-7	mg/L	3/20/2014	ND	
MW-23	u	Beryllium	7440-41-7	mg/L	3/20/2014	ND	
MW-30R	d	Beryllium	7440-41-7	mg/L	3/20/2014	ND	
MW-31R	d	Beryllium	7440-41-7	mg/L	3/20/2014	ND	
MW-32R	d	Beryllium	7440-41-7	mg/L	3/20/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	Beryllium	7440-41-7	mg/L	3/20/2014	J	0.000775
MW-14R	d	Beryllium	7440-41-7	mg/L	6/24/2014	ND	
MW-14R	d	Beryllium	7440-41-7	mg/L	6/24/2014	ND	
MW-18	d	Beryllium	7440-41-7	mg/L	6/24/2014	ND	
MW-19	d	Beryllium	7440-41-7	mg/L	6/24/2014	ND	
MW-28	d	Beryllium	7440-41-7	mg/L	6/24/2014	ND	
MW-39	d	Beryllium	7440-41-7	mg/L	6/24/2014	ND	
MW-50	d	Beryllium	7440-41-7	mg/L	6/24/2014	ND	
MW-51	d	Beryllium	7440-41-7	mg/L	6/24/2014	ND	
MW-52	d	Beryllium	7440-41-7	mg/L	6/24/2014	ND	
MW-53	d	Beryllium	7440-41-7	mg/L	6/24/2014	ND	
MW-54	d	Beryllium	7440-41-7	mg/L	6/24/2014	ND	
MW-55	d	Beryllium	7440-41-7	mg/L	6/24/2014	ND	
MW-58	d	Beryllium	7440-41-7	mg/L	6/24/2014	ND	
MW-29	d	Beryllium	7440-41-7	mg/L	7/24/2014	ND	
MW-56	d	Beryllium	7440-41-7	mg/L	7/24/2014	ND	
MW-57	d	Beryllium	7440-41-7	mg/L	7/24/2014	ND	
GU-3A	d	Beryllium	7440-41-7	mg/L	9/24/2014	ND	
MW-18	d	Beryllium	7440-41-7	mg/L	9/24/2014	ND	
MW-23	u	Beryllium	7440-41-7	mg/L	9/24/2014	ND	
MW-24R	u	Beryllium	7440-41-7	mg/L	9/24/2014	ND	
MW-29	d	Beryllium	7440-41-7	mg/L	9/24/2014	ND	
MW-30R	d	Beryllium	7440-41-7	mg/L	9/24/2014	ND	
MW-31R	d	Beryllium	7440-41-7	mg/L	9/24/2014	ND	
MW-31R	d	Beryllium	7440-41-7	mg/L	9/24/2014	ND	
MW-32R	d	Beryllium	7440-41-7	mg/L	9/24/2014	ND	
MW-33R	d	Beryllium	7440-41-7	mg/L	9/24/2014	ND	
MW-50	d	Beryllium	7440-41-7	mg/L	9/24/2014	ND	
MW-51	d	Beryllium	7440-41-7	mg/L	9/24/2014	ND	
MW-52	d	Beryllium	7440-41-7	mg/L	9/24/2014	ND	
MW-53	d	Beryllium	7440-41-7	mg/L	9/24/2014	ND	
MW-54	d	Beryllium	7440-41-7	mg/L	9/24/2014	ND	
MW-14R	d	Beryllium	7440-41-7	mg/L	12/4/2014	ND	
MW-18	d	Beryllium	7440-41-7	mg/L	12/4/2014	ND	
MW-19	d	Beryllium	7440-41-7	mg/L	12/4/2014	ND	
MW-20	d	Beryllium	7440-41-7	mg/L	12/4/2014	ND	
MW-21	d	Beryllium	7440-41-7	mg/L	12/4/2014	ND	
MW-22R	d	Beryllium	7440-41-7	mg/L	12/4/2014	ND	
MW-28	d	Beryllium	7440-41-7	mg/L	12/4/2014	ND	
MW-39	d	Beryllium	7440-41-7	mg/L	12/4/2014	ND	
MW-56	d	Beryllium	7440-41-7	mg/L	12/4/2014	ND	
MW-57	d	Beryllium	7440-41-7	mg/L	12/4/2014	J	0.000331
MW-57	d	Beryllium	7440-41-7	mg/L	12/4/2014	ND	
MW-58	d	Beryllium	7440-41-7	mg/L	12/4/2014	J	0.000543
MW-14R	d	Beryllium	7440-41-7	mg/L	3/11/2015	ND	
MW-18	d	Beryllium	7440-41-7	mg/L	3/11/2015	ND	
MW-19	d	Beryllium	7440-41-7	mg/L	3/11/2015	ND	
MW-20	d	Beryllium	7440-41-7	mg/L	3/11/2015	ND	
MW-21	d	Beryllium	7440-41-7	mg/L	3/11/2015	ND	
MW-22R	d	Beryllium	7440-41-7	mg/L	3/11/2015	J	6.00E-05
MW-23	u	Beryllium	7440-41-7	mg/L	3/11/2015	ND	
MW-24R	u	Beryllium	7440-41-7	mg/L	3/11/2015	ND	
MW-28	d	Beryllium	7440-41-7	mg/L	3/11/2015	ND	
MW-39	d	Beryllium	7440-41-7	mg/L	3/11/2015	ND	
MW-55	d	Beryllium	7440-41-7	mg/L	3/11/2015	ND	
MW-56	d	Beryllium	7440-41-7	mg/L	3/11/2015	ND	
MW-57	d	Beryllium	7440-41-7	mg/L	3/11/2015	J	6.70E-05
MW-58	d	Beryllium	7440-41-7	mg/L	3/11/2015	J	6.50E-05
MW-58	d	Beryllium	7440-41-7	mg/L	3/11/2015	J	5.30E-05
MW-29	d	Beryllium	7440-41-7	mg/L	6/29/2015	ND	
MW-30R	d	Beryllium	7440-41-7	mg/L	6/29/2015	J	0.000669
MW-31R	d	Beryllium	7440-41-7	mg/L	6/29/2015	ND	
MW-31R	d	Beryllium	7440-41-7	mg/L	6/29/2015	ND	
MW-32R	d	Beryllium	7440-41-7	mg/L	6/29/2015	ND	
MW-33R	d	Beryllium	7440-41-7	mg/L	6/29/2015	ND	
MW-50	d	Beryllium	7440-41-7	mg/L	6/29/2015	ND	
MW-51	d	Beryllium	7440-41-7	mg/L	6/29/2015	ND	
MW-52	d	Beryllium	7440-41-7	mg/L	6/29/2015	ND	
MW-53	d	Beryllium	7440-41-7	mg/L	6/29/2015	ND	
MW-54	d	Beryllium	7440-41-7	mg/L	6/29/2015	ND	
GU-3A	d	Beryllium	7440-41-7	mg/L	9/22/2015	J	0.000126
MW-14R	d	Beryllium	7440-41-7	mg/L	2/15/2016	ND	
MW-14R	d	Beryllium	7440-41-7	mg/L	2/15/2016	ND	
MW-18	d	Beryllium	7440-41-7	mg/L	2/15/2016	ND	
MW-19	d	Beryllium	7440-41-7	mg/L	2/15/2016	ND	
MW-39	d	Beryllium	7440-41-7	mg/L	2/15/2016	ND	
MW-20	d	Beryllium	7440-41-7	mg/L	2/16/2016	ND	
MW-21	d	Beryllium	7440-41-7	mg/L	2/16/2016	ND	
MW-55	d	Beryllium	7440-41-7	mg/L	2/16/2016	ND	
MW-56	d	Beryllium	7440-41-7	mg/L	2/16/2016	ND	
MW-57	d	Beryllium	7440-41-7	mg/L	2/16/2016	ND	
MW-58	d	Beryllium	7440-41-7	mg/L	2/16/2016	ND	
MW-22R	d	Beryllium	7440-41-7	mg/L	2/17/2016	ND	
MW-23	u	Beryllium	7440-41-7	mg/L	2/17/2016	ND	
MW-24R	u	Beryllium	7440-41-7	mg/L	2/17/2016	ND	
MW-28	d	Beryllium	7440-41-7	mg/L	8/25/2016	ND	
MW-29	d	Beryllium	7440-41-7	mg/L	8/25/2016	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	Beryllium	7440-41-7	mg/L	8/25/2016	J	0.000374
MW-31R	d	Beryllium	7440-41-7	mg/L	8/25/2016	ND	
MW-32R	d	Beryllium	7440-41-7	mg/L	8/25/2016	ND	
MW-33R	d	Beryllium	7440-41-7	mg/L	8/25/2016	ND	
MW-50	d	Beryllium	7440-41-7	mg/L	8/25/2016	ND	
MW-51	d	Beryllium	7440-41-7	mg/L	8/25/2016	ND	
MW-52	d	Beryllium	7440-41-7	mg/L	8/25/2016	ND	
MW-53	d	Beryllium	7440-41-7	mg/L	8/25/2016	ND	
MW-54	d	Beryllium	7440-41-7	mg/L	8/25/2016	ND	
GU-3A	d	Beryllium	7440-41-7	mg/L	8/26/2016	ND	
MW-18	d	Beryllium	7440-41-7	mg/L	1/17/2017	ND	
MW-19	d	Beryllium	7440-41-7	mg/L	1/17/2017	ND	
MW-22R	d	Beryllium	7440-41-7	mg/L	1/17/2017	ND	
MW-23	u	Beryllium	7440-41-7	mg/L	1/17/2017	ND	
MW-24R	u	Beryllium	7440-41-7	mg/L	1/17/2017	ND	
MW-28	d	Beryllium	7440-41-7	mg/L	1/17/2017	ND	
MW-28	d	Beryllium	7440-41-7	mg/L	1/17/2017	ND	
MW-39	d	Beryllium	7440-41-7	mg/L	1/17/2017	ND	
MW-50	d	Beryllium	7440-41-7	mg/L	1/17/2017	ND	
MW-51	d	Beryllium	7440-41-7	mg/L	1/17/2017	ND	
MW-53	d	Beryllium	7440-41-7	mg/L	1/17/2017	ND	
MW-54	d	Beryllium	7440-41-7	mg/L	1/17/2017	ND	
MW-56	d	Beryllium	7440-41-7	mg/L	1/17/2017	ND	
GU-3A	d	Beryllium	7440-41-7	mg/L	7/10/2017	ND	
MW-14R	d	Beryllium	7440-41-7	mg/L	7/10/2017	ND	
MW-20	d	Beryllium	7440-41-7	mg/L	7/10/2017	ND	
MW-21	d	Beryllium	7440-41-7	mg/L	7/10/2017	ND	
MW-29	d	Beryllium	7440-41-7	mg/L	7/10/2017	ND	
MW-30R	d	Beryllium	7440-41-7	mg/L	7/10/2017	J	0.000431
MW-31R	d	Beryllium	7440-41-7	mg/L	7/10/2017	ND	
MW-32R	d	Beryllium	7440-41-7	mg/L	7/10/2017	ND	
MW-32R	d	Beryllium	7440-41-7	mg/L	7/10/2017	ND	
MW-33R	d	Beryllium	7440-41-7	mg/L	7/10/2017	ND	
MW-57	d	Beryllium	7440-41-7	mg/L	7/10/2017	ND	
MW-58	d	Beryllium	7440-41-7	mg/L	7/10/2017	ND	
MW-52	d	Beryllium	7440-41-7	mg/L	10/17/2017	ND	
MW-55	d	Beryllium	7440-41-7	mg/L	10/17/2017	ND	
GU-3A	d	Beryllium	7440-41-7	mg/L	4/3/2018	J	0.000472
GU-3A	d	Beryllium	7440-41-7	mg/L	4/3/2018		0.00439
MW-20	d	Beryllium	7440-41-7	mg/L	4/3/2018	ND	
MW-21	d	Beryllium	7440-41-7	mg/L	4/3/2018	ND	
MW-30R	d	Beryllium	7440-41-7	mg/L	4/3/2018	ND	
MW-31R	d	Beryllium	7440-41-7	mg/L	4/3/2018	ND	
MW-32R	d	Beryllium	7440-41-7	mg/L	4/3/2018	ND	
MW-33R	d	Beryllium	7440-41-7	mg/L	4/3/2018	J	0.000194
MW-33R	d	Beryllium	7440-41-7	mg/L	4/3/2018	ND	
MW-23	u	Beryllium	7440-41-7	mg/L	11/1/2018	ND	
MW-24R	u	Beryllium	7440-41-7	mg/L	11/1/2018	ND	
MW-39	d	Beryllium	7440-41-7	mg/L	11/1/2018	ND	
MW-50	d	Beryllium	7440-41-7	mg/L	11/1/2018	ND	
MW-51	d	Beryllium	7440-41-7	mg/L	11/1/2018	ND	
MW-52	d	Beryllium	7440-41-7	mg/L	11/1/2018	ND	
MW-53	d	Beryllium	7440-41-7	mg/L	11/1/2018	ND	
MW-54	d	Beryllium	7440-41-7	mg/L	11/1/2018	ND	
MW-55	d	Beryllium	7440-41-7	mg/L	11/1/2018	ND	
MW-18	d	Beryllium	7440-41-7	mg/L	11/2/2018	ND	
MW-19	d	Beryllium	7440-41-7	mg/L	11/2/2018	ND	
MW-22R	d	Beryllium	7440-41-7	mg/L	11/2/2018	ND	
MW-28	d	Beryllium	7440-41-7	mg/L	11/2/2018	ND	
MW-56	d	Beryllium	7440-41-7	mg/L	11/2/2018	ND	
MW-18	d	Beryllium	7440-41-7	mg/L	5/16/2019	ND	
MW-19	d	Beryllium	7440-41-7	mg/L	5/16/2019	ND	
MW-28	d	Beryllium	7440-41-7	mg/L	5/16/2019	ND	
MW-55	d	Beryllium	7440-41-7	mg/L	5/16/2019	ND	
MW-50	d	Beryllium	7440-41-7	mg/L	5/20/2019	ND	
MW-51	d	Beryllium	7440-41-7	mg/L	5/20/2019	ND	
MW-52	d	Beryllium	7440-41-7	mg/L	5/20/2019	ND	
MW-54	d	Beryllium	7440-41-7	mg/L	5/20/2019	ND	
MW-56	d	Beryllium	7440-41-7	mg/L	5/20/2019	ND	
MW-53	d	Beryllium	7440-41-7	mg/L	5/21/2019	ND	
MW-14R	d	Beryllium	7440-41-7	mg/L	9/11/2019	ND	
MW-29	d	Beryllium	7440-41-7	mg/L	9/11/2019	ND	
MW-33R	d	Beryllium	7440-41-7	mg/L	9/11/2019	ND	
MW-58	d	Beryllium	7440-41-7	mg/L	9/11/2019	ND	
GU-3A	d	Beryllium	7440-41-7	mg/L	3/16/2020	ND	
MW-33R	d	Beryllium	7440-41-7	mg/L	3/16/2020	ND	
MW-19	d	Beryllium	7440-41-7	mg/L	7/20/2020	ND	
MW-28	d	Beryllium	7440-41-7	mg/L	7/20/2020	ND	
MW-51	d	Beryllium	7440-41-7	mg/L	7/20/2020	ND	
MW-55	d	Beryllium	7440-41-7	mg/L	7/20/2020	ND	
MW-56	d	Beryllium	7440-41-7	mg/L	7/20/2020	ND	
MW-57R	d	Beryllium	7440-41-7	mg/L	7/20/2020	ND	
MW-73	d	Beryllium	7440-41-7	mg/L	7/20/2020	ND	
MW-18	d	Beryllium	7440-41-7	mg/L	7/21/2020	ND	
MW-50	d	Beryllium	7440-41-7	mg/L	7/21/2020	ND	
MW-52	d	Beryllium	7440-41-7	mg/L	7/21/2020	ND	
MW-53	d	Beryllium	7440-41-7	mg/L	7/21/2020	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-54	d	Beryllium	7440-41-7	mg/L	7/21/2020	ND	
MW-55	d	Beryllium	7440-41-7	mg/L	11/12/2020	ND	
MW-32R	d	Beryllium	7440-41-7	mg/L	8/24/2021		<0.00100
MW-33R	d	Beryllium	7440-41-7	mg/L	8/24/2021		<0.00100
MW-14R	d	Beryllium	7440-41-7	mg/L	8/24/2021		<0.00100
MW-31R	d	Beryllium	7440-41-7	mg/L	8/24/2021		<0.00100
MW-29	d	Beryllium	7440-41-7	mg/L	8/25/2021	J	0.000891
MW-58	d	Beryllium	7440-41-7	mg/L	8/25/2021		<0.00100
MW-30R	d	Beryllium	7440-41-7	mg/L	8/25/2021		<0.00100
MW-57R	d	Beryllium	7440-41-7	mg/L	8/26/2021		<0.00100
MW-73	d	Beryllium	7440-41-7	mg/L	8/27/2021		<0.00100
GU-3A	d	Beryllium	7440-41-7	mg/L	9/8/2021		<0.00100
MW-24R	u	Beryllium	7440-41-7	mg/L	12/7/2021		<0.00100
MW-28	d	Beryllium	7440-41-7	mg/L	12/7/2021		<0.00100
MW-57R	d	Beryllium	7440-41-7	mg/L	12/7/2021		<0.00100
MW-73	d	Beryllium	7440-41-7	mg/L	12/7/2021		<0.00100
MW-56	d	Beryllium	7440-41-7	mg/L	12/7/2021		<0.00100
MW-19	d	Beryllium	7440-41-7	mg/L	12/7/2021		<0.00100
MW-18	d	Beryllium	7440-41-7	mg/L	12/7/2021		<0.00100
MW-55	d	Beryllium	7440-41-7	mg/L	12/7/2021		<0.00100
MW-50	d	Beryllium	7440-41-7	mg/L	12/7/2021		<0.00100
MW-23	u	Beryllium	7440-41-7	mg/L	12/8/2021		<0.00100
MW-39	d	Beryllium	7440-41-7	mg/L	12/8/2021		<0.00100
MW-51	d	Beryllium	7440-41-7	mg/L	12/8/2021		<0.00100
MW-52	d	Beryllium	7440-41-7	mg/L	12/8/2021		<0.00100
MW-53	d	Beryllium	7440-41-7	mg/L	12/8/2021		<0.00100
MW-54	d	Beryllium	7440-41-7	mg/L	12/8/2021		<0.00100
MW-39	d	Beta-BHC	319-85-7	ug/L	3/11/2013	ND	
MW-31R	d	Beta-BHC	319-85-7	ug/L	9/10/2013	ND	
MW-32R	d	Beta-BHC	319-85-7	ug/L	9/10/2013	ND	
MW-18	d	Beta-BHC	319-85-7	ug/L	12/18/2013	ND	
MW-20	d	Beta-BHC	319-85-7	ug/L	12/18/2013	ND	
MW-21	d	Beta-BHC	319-85-7	ug/L	12/18/2013	ND	
MW-22R	d	Beta-BHC	319-85-7	ug/L	12/18/2013	ND	
MW-30R	d	Beta-BHC	319-85-7	ug/L	12/18/2013	ND	
MW-18	d	Beta-BHC	319-85-7	ug/L	6/24/2014	ND	
MW-29	d	Beta-BHC	319-85-7	ug/L	7/24/2014		0.107
MW-57	d	Beta-BHC	319-85-7	ug/L	7/24/2014	ND	
MW-58	d	Beta-BHC	319-85-7	ug/L	7/24/2014	ND	
MW-29	d	Beta-BHC	319-85-7	ug/L	9/24/2014		0.0611
MW-33R	d	Beta-BHC	319-85-7	ug/L	9/24/2014	ND	
MW-50	d	Beta-BHC	319-85-7	ug/L	9/24/2014	ND	
MW-51	d	Beta-BHC	319-85-7	ug/L	9/24/2014	ND	
MW-52	d	Beta-BHC	319-85-7	ug/L	9/24/2014	ND	
MW-53	d	Beta-BHC	319-85-7	ug/L	9/24/2014	ND	
MW-54	d	Beta-BHC	319-85-7	ug/L	9/24/2014	J	0.0103
MW-14R	d	Beta-BHC	319-85-7	ug/L	12/4/2014	ND	
MW-19	d	Beta-BHC	319-85-7	ug/L	12/4/2014	ND	
MW-28	d	Beta-BHC	319-85-7	ug/L	12/4/2014	ND	
MW-56	d	Beta-BHC	319-85-7	ug/L	12/4/2014	J	0.00774
MW-55	d	Beta-BHC	319-85-7	ug/L	3/11/2015	ND	
MW-29	d	Beta-BHC	319-85-7	ug/L	6/29/2015	J	0.0334
MW-29	d	Beta-BHC	319-85-7	ug/L	8/25/2016		0.0564
MW-29	d	Beta-BHC	319-85-7	ug/L	7/10/2017	ND	
MW-20	d	Beta-BHC	319-85-7	ug/L	4/3/2018	ND	
MW-21	d	Beta-BHC	319-85-7	ug/L	4/3/2018	ND	
MW-29	d	Beta-BHC	319-85-7	ug/L	4/3/2018	J	0.0161
MW-30R	d	Beta-BHC	319-85-7	ug/L	4/3/2018	ND	
MW-31R	d	Beta-BHC	319-85-7	ug/L	4/3/2018	ND	
MW-32R	d	Beta-BHC	319-85-7	ug/L	4/3/2018	ND	
MW-39	d	Beta-BHC	319-85-7	ug/L	11/1/2018	ND	
MW-22R	d	Beta-BHC	319-85-7	ug/L	11/2/2018	ND	
MW-18	d	Beta-BHC	319-85-7	ug/L	5/16/2019	ND	
MW-28	d	Beta-BHC	319-85-7	ug/L	5/16/2019	ND	
MW-19	d	Beta-BHC	319-85-7	ug/L	5/20/2019	ND	
MW-50	d	Beta-BHC	319-85-7	ug/L	5/20/2019	ND	
MW-51	d	Beta-BHC	319-85-7	ug/L	5/20/2019	ND	
MW-52	d	Beta-BHC	319-85-7	ug/L	5/20/2019	ND	
MW-53	d	Beta-BHC	319-85-7	ug/L	5/20/2019	ND	
MW-54	d	Beta-BHC	319-85-7	ug/L	5/20/2019	ND	
MW-56	d	Beta-BHC	319-85-7	ug/L	5/20/2019	ND	
MW-14R	d	Beta-BHC	319-85-7	ug/L	9/11/2019	ND	
MW-29	d	Beta-BHC	319-85-7	ug/L	9/11/2019	JP	0.0224
MW-33R	d	Beta-BHC	319-85-7	ug/L	9/11/2019	ND	
MW-58	d	Beta-BHC	319-85-7	ug/L	9/11/2019	ND	
MW-29	d	Beta-BHC	319-85-7	ug/L	3/17/2020	J	0.0232
MW-55	d	Beta-BHC	319-85-7	ug/L	11/12/2020	ND	
MW-29	d	Beta-BHC	319-85-7	ug/L	8/25/2021		<0.0337
MW-68	d	Bicarbonate	BICARB	mg/L	6/30/2015		387
MW-69	d	Bicarbonate	BICARB	mg/L	6/30/2015		1230
MW-70	d	Bicarbonate	BICARB	mg/L	6/30/2015		315
MW-72	d	Bicarbonate	BICARB	mg/L	6/30/2015		676
PZ-13	d	Bicarbonate	BICARB	mg/L	7/1/2015		232
MW-68	d	Bicarbonate	BICARB	mg/L	9/24/2015		1220
MW-69	d	Bicarbonate	BICARB	mg/L	9/24/2015		413
MW-70	d	Bicarbonate	BICARB	mg/L	9/25/2015		314
MW-72	d	Bicarbonate	BICARB	mg/L	9/25/2015		670

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
PZ-13	d	Bicarbonate	BICARB	mg/L	9/25/2015		223
MW-14R	d	Bicarbonate	BICARB	mg/L	2/15/2016		247
MW-68	d	Bicarbonate	BICARB	mg/L	2/16/2016		1300
MW-69	d	Bicarbonate	BICARB	mg/L	2/16/2016		510
MW-53	d	Bicarbonate	BICARB	mg/L	2/17/2016		943
PIAEastSump	d	Bicarbonate	BICARB	mg/L	2/17/2016		1620
PIAWestSump	d	Bicarbonate	BICARB	mg/L	2/17/2016		2880
MW-39	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	3/11/2013	ND	
MW-31R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/10/2013	ND	
MW-32R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/10/2013	ND	
MW-18	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	12/18/2013	ND	
MW-20	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	12/18/2013	ND	
MW-21	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	12/18/2013	ND	
MW-22R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	12/18/2013	ND	
MW-30R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	12/18/2013	ND	
MW-18	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	6/24/2014	ND	
MW-29	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	7/24/2014	ND	
MW-57	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	7/24/2014	ND	
MW-58	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	7/24/2014	ND	
MW-33R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/24/2014	ND	
MW-50	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/24/2014	ND	
MW-51	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/24/2014	ND	
MW-52	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/24/2014	ND	
MW-53	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/24/2014	ND	
MW-54	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/24/2014	ND	
MW-14R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	12/4/2014	ND	
MW-19	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	12/4/2014	ND	
MW-28	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	12/4/2014	ND	
MW-56	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	12/4/2014	ND	
MW-55	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	3/11/2015	ND	
MW-20	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	4/3/2018	ND	
MW-21	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	4/3/2018	ND	
MW-30R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	4/3/2018	ND	
MW-31R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	4/3/2018	ND	
MW-32R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	4/3/2018	ND	
MW-39	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	11/1/2018	ND	
MW-22R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	11/2/2018	ND	
MW-18	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	5/16/2019	ND	
MW-19	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	5/16/2019	ND	
MW-28	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	5/16/2019	ND	
MW-50	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	5/20/2019	ND	
MW-51	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	5/20/2019	ND	
MW-52	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	5/20/2019	ND	
MW-53	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	5/20/2019	ND	
MW-54	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	5/20/2019	ND	
MW-56	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	5/20/2019	ND	
MW-14R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/11/2019	ND	
MW-29	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/11/2019	ND	
MW-33R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/11/2019	ND	
MW-58	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/11/2019	ND	
MW-55	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	11/12/2020	ND	
MW-39	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	3/11/2013	ND	
MW-31R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/10/2013	ND	
MW-32R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/10/2013	ND	
MW-18	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	12/18/2013	ND	
MW-20	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	12/18/2013	ND	
MW-21	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	12/18/2013	ND	
MW-22R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	12/18/2013	ND	
MW-30R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	12/18/2013	ND	
MW-18	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	6/24/2014	ND	
MW-29	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	7/24/2014	ND	
MW-57	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	7/24/2014	ND	
MW-58	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	7/24/2014	ND	
MW-33R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/24/2014	ND	
MW-50	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/24/2014	ND	
MW-51	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/24/2014	ND	
MW-52	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/24/2014	ND	
MW-53	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/24/2014	ND	
MW-54	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/24/2014	ND	
MW-14R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	12/4/2014	ND	
MW-19	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	12/4/2014	ND	
MW-28	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	12/4/2014	ND	
MW-56	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	12/4/2014	ND	
MW-55	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	3/11/2015	ND	
MW-20	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	4/3/2018	ND	
MW-21	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	4/3/2018	ND	
MW-30R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	4/3/2018	ND	
MW-31R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	4/3/2018	ND	
MW-32R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	4/3/2018	ND	
MW-39	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	11/1/2018	ND	
MW-22R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	11/2/2018	ND	
MW-18	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	5/16/2019	ND	
MW-19	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	5/16/2019	ND	
MW-28	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	5/16/2019	ND	
MW-50	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	5/20/2019	ND	
MW-51	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	5/20/2019	ND	
MW-52	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	5/20/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-53	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	5/20/2019	ND	
MW-54	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	5/20/2019	ND	
MW-56	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	5/20/2019	ND	
MW-14R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/11/2019	ND	
MW-29	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/11/2019	ND	
MW-33R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/11/2019	ND	
MW-58	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/11/2019	ND	
MW-55	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	11/12/2020	ND	
MW-39	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	3/11/2013	ND	
MW-31R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/10/2013	ND	
MW-32R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/10/2013	ND	
MW-18	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	12/18/2013	ND	
MW-20	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	12/18/2013	ND	
MW-21	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	12/18/2013	ND	
MW-22R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	12/18/2013	ND	
MW-30R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	12/18/2013	ND	
MW-18	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	6/24/2014	ND	
MW-29	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	7/24/2014	ND	
MW-57	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	7/24/2014	ND	
MW-58	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	7/24/2014	ND	
MW-33R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/24/2014	ND	
MW-50	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/24/2014	ND	
MW-51	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/24/2014	ND	
MW-52	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/24/2014	ND	
MW-53	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/24/2014	ND	
MW-54	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/24/2014	ND	
MW-14R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	12/4/2014	ND	
MW-19	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	12/4/2014	ND	
MW-28	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	12/4/2014	ND	
MW-56	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	12/4/2014	ND	
MW-55	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	3/11/2015	ND	
MW-20	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	4/3/2018	ND	
MW-21	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	4/3/2018	ND	
MW-30R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	4/3/2018	ND	
MW-31R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	4/3/2018	ND	
MW-32R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	4/3/2018	ND	
MW-39	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	11/1/2018	ND	
MW-22R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	11/2/2018	ND	
MW-18	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	5/16/2019	ND	
MW-19	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	5/16/2019	ND	
MW-28	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	5/16/2019	ND	
MW-50	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	5/20/2019	ND	
MW-51	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	5/20/2019	ND	
MW-52	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	5/20/2019	ND	
MW-53	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	5/20/2019	ND	
MW-54	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	5/20/2019	ND	
MW-56	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	5/20/2019	ND	
MW-14R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/11/2019	ND	
MW-29	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/11/2019	ND	
MW-33R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/11/2019	ND	
MW-58	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/11/2019	ND	
MW-55	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	11/12/2020	ND	
MW-39	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/11/2013		26.3
MW-31R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/10/2013	ND	
MW-32R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/10/2013	J	0.567
MW-18	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	12/18/2013	J	8.57
MW-20	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	12/18/2013		12.3
MW-21	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	12/18/2013	ND	
MW-22R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	12/18/2013		12.6
MW-30R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	12/18/2013	ND	
MW-20	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/20/2014	J	0.454
MW-22R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/20/2014	ND	
MW-18	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	6/24/2014	ND	
MW-39	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	6/24/2014	ND	
MW-29	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	7/24/2014	J	0.72
MW-57	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	7/24/2014	ND	
MW-58	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	7/24/2014	ND	
MW-33R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/24/2014	ND	
MW-50	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/24/2014	ND	
MW-51	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/24/2014	ND	
MW-52	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/24/2014	ND	
MW-53	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/24/2014	ND	
MW-54	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/24/2014	ND	
MW-14R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	12/4/2014	J	0.827
MW-19	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	12/4/2014		62.1
MW-20	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	12/4/2014	J	0.693
MW-22R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	12/4/2014	J	1.03
MW-28	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	12/4/2014	J	1.64
MW-39	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	12/4/2014	J	1.04
MW-56	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	12/4/2014	J	1.69
MW-20	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/11/2015	ND	
MW-22R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/11/2015	J	0.479
MW-39	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/11/2015	ND	
MW-55	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/11/2015	J	0.517
MW-19	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	2/15/2016	J	1.07
MW-39	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	2/15/2016	J	0.885
MW-20	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	2/16/2016	J	2.15

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-22R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	2/17/2016	J	1.35
MW-18	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	1/17/2017	ND	
MW-19	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	1/17/2017	ND	
MW-22R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	1/17/2017	ND	
MW-39	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	1/17/2017	ND	
MW-20	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	7/10/2017	ND	
MW-20	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/3/2018	ND	
MW-21	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/3/2018	ND	
MW-30R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/3/2018	ND	
MW-31R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/3/2018	J	2.3
MW-32R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/3/2018	ND	
MW-39	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	11/1/2018	ND	
MW-19	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	11/2/2018	ND	
MW-22R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	11/2/2018	ND	
MW-18	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/16/2019	ND	
MW-19	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/16/2019	ND	
MW-28	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/16/2019	ND	
MW-50	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/20/2019	ND	
MW-51	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/20/2019	ND	
MW-52	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/20/2019	ND	
MW-53	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/20/2019	ND	
MW-54	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/20/2019	ND	
MW-56	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/20/2019	ND	
MW-14R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/11/2019	ND	
MW-29	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/11/2019	ND	
MW-33R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/11/2019	ND	
MW-58	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/11/2019	ND	
MW-31R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/16/2020	ND	
MW-19	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	7/20/2020	ND	
MW-55	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	11/12/2020	ND	
MW-31R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	8/24/2021		<10.5
MW-51	d	Bromochloromethane	74-97-5	ug/L	1/15/2010	ND	
MW-24R	u	Bromochloromethane	74-97-5	ug/L	2/11/2010	ND	
MW-53	d	Bromochloromethane	74-97-5	ug/L	2/11/2010	ND	
GU-3A	d	Bromochloromethane	74-97-5	ug/L	3/24/2010	ND	
MW-20	d	Bromochloromethane	74-97-5	ug/L	3/24/2010	ND	
MW-21	d	Bromochloromethane	74-97-5	ug/L	3/24/2010	ND	
MW-22R	d	Bromochloromethane	74-97-5	ug/L	3/24/2010	ND	
MW-52	d	Bromochloromethane	74-97-5	ug/L	3/24/2010	ND	
MW-54	d	Bromochloromethane	74-97-5	ug/L	3/24/2010	ND	
MW-55	d	Bromochloromethane	74-97-5	ug/L	3/24/2010	ND	
MW-28	d	Bromochloromethane	74-97-5	ug/L	4/9/2010	ND	
MW-33R	d	Bromochloromethane	74-97-5	ug/L	4/9/2010	ND	
MW-50	d	Bromochloromethane	74-97-5	ug/L	4/9/2010	ND	
MW-56	d	Bromochloromethane	74-97-5	ug/L	4/9/2010	ND	
MW-57	d	Bromochloromethane	74-97-5	ug/L	4/9/2010	ND	
MW-58	d	Bromochloromethane	74-97-5	ug/L	4/9/2010	ND	
MW-32R	d	Bromochloromethane	74-97-5	ug/L	5/18/2010	ND	
MW-14R	d	Bromochloromethane	74-97-5	ug/L	6/17/2010	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	6/17/2010	ND	
MW-29	d	Bromochloromethane	74-97-5	ug/L	6/17/2010	ND	
MW-30R	d	Bromochloromethane	74-97-5	ug/L	6/17/2010	ND	
MW-31R	d	Bromochloromethane	74-97-5	ug/L	6/17/2010	ND	
MW-51	d	Bromochloromethane	74-97-5	ug/L	6/17/2010	ND	
MW-21	d	Bromochloromethane	74-97-5	ug/L	7/21/2010	ND	
MW-54	d	Bromochloromethane	74-97-5	ug/L	7/21/2010	ND	
MW-20	d	Bromochloromethane	74-97-5	ug/L	8/17/2010	ND	
MW-29	d	Bromochloromethane	74-97-5	ug/L	8/17/2010	ND	
MW-39	d	Bromochloromethane	74-97-5	ug/L	8/17/2010	ND	
MW-51	d	Bromochloromethane	74-97-5	ug/L	8/17/2010	ND	
GU-3A	d	Bromochloromethane	74-97-5	ug/L	9/17/2010	ND	
MW-22R	d	Bromochloromethane	74-97-5	ug/L	9/17/2010	ND	
MW-55	d	Bromochloromethane	74-97-5	ug/L	9/17/2010	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	10/22/2010	ND	
MW-24R	u	Bromochloromethane	74-97-5	ug/L	10/22/2010	ND	
MW-30R	d	Bromochloromethane	74-97-5	ug/L	10/22/2010	ND	
MW-31R	d	Bromochloromethane	74-97-5	ug/L	10/22/2010	ND	
MW-50	d	Bromochloromethane	74-97-5	ug/L	10/22/2010	ND	
MW-53	d	Bromochloromethane	74-97-5	ug/L	10/22/2010	ND	
MW-56	d	Bromochloromethane	74-97-5	ug/L	10/22/2010	ND	
MW-58	d	Bromochloromethane	74-97-5	ug/L	10/22/2010	ND	
MW-14R	d	Bromochloromethane	74-97-5	ug/L	11/8/2010	ND	
MW-32R	d	Bromochloromethane	74-97-5	ug/L	11/8/2010	ND	
MW-57	d	Bromochloromethane	74-97-5	ug/L	11/8/2010	ND	
MW-28	d	Bromochloromethane	74-97-5	ug/L	12/15/2010	ND	
MW-33R	d	Bromochloromethane	74-97-5	ug/L	12/15/2010	ND	
MW-52	d	Bromochloromethane	74-97-5	ug/L	12/15/2010	ND	
MW-54	d	Bromochloromethane	74-97-5	ug/L	1/12/2011	ND	
MW-54	d	Bromochloromethane	74-97-5	ug/L	1/12/2011	ND	
MW-20	d	Bromochloromethane	74-97-5	ug/L	2/22/2011	ND	
MW-22R	d	Bromochloromethane	74-97-5	ug/L	2/22/2011	ND	
MW-51	d	Bromochloromethane	74-97-5	ug/L	2/22/2011	ND	
MW-52	d	Bromochloromethane	74-97-5	ug/L	2/22/2011	ND	
MW-53	d	Bromochloromethane	74-97-5	ug/L	2/22/2011	ND	
MW-55	d	Bromochloromethane	74-97-5	ug/L	2/22/2011	ND	
GU-3A	d	Bromochloromethane	74-97-5	ug/L	3/2/2011	ND	
MW-21	d	Bromochloromethane	74-97-5	ug/L	3/2/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-21	d	Bromochloromethane	74-97-5	ug/L	3/2/2011	ND	
MW-29	d	Bromochloromethane	74-97-5	ug/L	4/21/2011	ND	
MW-30R	d	Bromochloromethane	74-97-5	ug/L	4/21/2011	ND	
MW-31R	d	Bromochloromethane	74-97-5	ug/L	4/21/2011	ND	
MW-31R	d	Bromochloromethane	74-97-5	ug/L	4/21/2011	ND	
MW-32R	d	Bromochloromethane	74-97-5	ug/L	4/21/2011	ND	
MW-54	d	Bromochloromethane	74-97-5	ug/L	5/31/2011	ND	
MW-56	d	Bromochloromethane	74-97-5	ug/L	5/31/2011	ND	
MW-57	d	Bromochloromethane	74-97-5	ug/L	5/31/2011	ND	
MW-58	d	Bromochloromethane	74-97-5	ug/L	5/31/2011	ND	
MW-14R	d	Bromochloromethane	74-97-5	ug/L	6/7/2011	ND	
MW-14R	d	Bromochloromethane	74-97-5	ug/L	6/7/2011	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	6/7/2011	ND	
MW-28	d	Bromochloromethane	74-97-5	ug/L	6/7/2011	ND	
MW-33R	d	Bromochloromethane	74-97-5	ug/L	6/7/2011	ND	
MW-39	d	Bromochloromethane	74-97-5	ug/L	6/7/2011	ND	
MW-50	d	Bromochloromethane	74-97-5	ug/L	6/7/2011	ND	
MW-52	d	Bromochloromethane	74-97-5	ug/L	7/22/2011	ND	
MW-56	d	Bromochloromethane	74-97-5	ug/L	7/22/2011	ND	
MW-58	d	Bromochloromethane	74-97-5	ug/L	7/22/2011	ND	
MW-14R	d	Bromochloromethane	74-97-5	ug/L	8/29/2011	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	8/29/2011	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	8/29/2011	ND	
MW-32R	d	Bromochloromethane	74-97-5	ug/L	8/29/2011	ND	
GU-3A	d	Bromochloromethane	74-97-5	ug/L	9/9/2011	ND	
MW-22R	d	Bromochloromethane	74-97-5	ug/L	9/9/2011	ND	
MW-28	d	Bromochloromethane	74-97-5	ug/L	9/9/2011	ND	
MW-29	d	Bromochloromethane	74-97-5	ug/L	9/9/2011	ND	
MW-51	d	Bromochloromethane	74-97-5	ug/L	9/9/2011	ND	
MW-53	d	Bromochloromethane	74-97-5	ug/L	9/9/2011	ND	
MW-53	d	Bromochloromethane	74-97-5	ug/L	9/9/2011	ND	
MW-21	d	Bromochloromethane	74-97-5	ug/L	10/4/2011	ND	
MW-50	d	Bromochloromethane	74-97-5	ug/L	10/4/2011	ND	
MW-50	d	Bromochloromethane	74-97-5	ug/L	10/4/2011	ND	
MW-54	d	Bromochloromethane	74-97-5	ug/L	10/4/2011	ND	
MW-57	d	Bromochloromethane	74-97-5	ug/L	10/4/2011	ND	
MW-20	d	Bromochloromethane	74-97-5	ug/L	11/29/2011	ND	
MW-30R	d	Bromochloromethane	74-97-5	ug/L	11/29/2011	ND	
MW-52	d	Bromochloromethane	74-97-5	ug/L	11/29/2011	ND	
MW-55	d	Bromochloromethane	74-97-5	ug/L	11/29/2011	ND	
MW-31R	d	Bromochloromethane	74-97-5	ug/L	12/16/2011	ND	
MW-33R	d	Bromochloromethane	74-97-5	ug/L	12/16/2011	ND	
MW-39	d	Bromochloromethane	74-97-5	ug/L	12/16/2011	ND	
MW-14R	d	Bromochloromethane	74-97-5	ug/L	3/8/2012	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	3/8/2012	ND	
MW-20	d	Bromochloromethane	74-97-5	ug/L	3/8/2012	ND	
MW-21	d	Bromochloromethane	74-97-5	ug/L	3/8/2012	ND	
MW-22R	d	Bromochloromethane	74-97-5	ug/L	3/8/2012	ND	
MW-28	d	Bromochloromethane	74-97-5	ug/L	3/8/2012	ND	
MW-39	d	Bromochloromethane	74-97-5	ug/L	3/8/2012	ND	
MW-55	d	Bromochloromethane	74-97-5	ug/L	3/8/2012	ND	
MW-56	d	Bromochloromethane	74-97-5	ug/L	3/8/2012	ND	
MW-57	d	Bromochloromethane	74-97-5	ug/L	3/8/2012	ND	
MW-58	d	Bromochloromethane	74-97-5	ug/L	3/8/2012	ND	
GU-3A	d	Bromochloromethane	74-97-5	ug/L	6/13/2012	ND	
MW-29	d	Bromochloromethane	74-97-5	ug/L	6/13/2012	ND	
MW-30R	d	Bromochloromethane	74-97-5	ug/L	6/13/2012	ND	
MW-31R	d	Bromochloromethane	74-97-5	ug/L	6/13/2012	ND	
MW-32R	d	Bromochloromethane	74-97-5	ug/L	6/13/2012	ND	
MW-33R	d	Bromochloromethane	74-97-5	ug/L	6/13/2012	ND	
MW-50	d	Bromochloromethane	74-97-5	ug/L	6/13/2012	ND	
MW-50	d	Bromochloromethane	74-97-5	ug/L	6/13/2012	ND	
MW-51	d	Bromochloromethane	74-97-5	ug/L	6/13/2012	ND	
MW-52	d	Bromochloromethane	74-97-5	ug/L	6/13/2012	ND	
MW-53	d	Bromochloromethane	74-97-5	ug/L	6/13/2012	ND	
MW-54	d	Bromochloromethane	74-97-5	ug/L	6/13/2012	ND	
GU-3A	d	Bromochloromethane	74-97-5	ug/L	9/4/2012	ND	
MW-20	d	Bromochloromethane	74-97-5	ug/L	9/4/2012	ND	
MW-21	d	Bromochloromethane	74-97-5	ug/L	9/4/2012	ND	
MW-22R	d	Bromochloromethane	74-97-5	ug/L	9/4/2012	ND	
MW-50	d	Bromochloromethane	74-97-5	ug/L	9/4/2012	ND	
MW-51	d	Bromochloromethane	74-97-5	ug/L	9/4/2012	ND	
MW-52	d	Bromochloromethane	74-97-5	ug/L	9/4/2012	ND	
MW-53	d	Bromochloromethane	74-97-5	ug/L	9/4/2012	ND	
MW-54	d	Bromochloromethane	74-97-5	ug/L	9/4/2012	ND	
MW-54	d	Bromochloromethane	74-97-5	ug/L	9/4/2012	ND	
MW-57	d	Bromochloromethane	74-97-5	ug/L	9/4/2012	ND	
MW-58	d	Bromochloromethane	74-97-5	ug/L	9/4/2012	ND	
MW-14R	d	Bromochloromethane	74-97-5	ug/L	12/19/2012	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	12/19/2012	ND	
MW-28	d	Bromochloromethane	74-97-5	ug/L	12/19/2012	ND	
MW-29	d	Bromochloromethane	74-97-5	ug/L	12/19/2012	ND	
MW-30R	d	Bromochloromethane	74-97-5	ug/L	12/19/2012	ND	
MW-31R	d	Bromochloromethane	74-97-5	ug/L	12/19/2012	ND	
MW-32R	d	Bromochloromethane	74-97-5	ug/L	12/19/2012	ND	
MW-33R	d	Bromochloromethane	74-97-5	ug/L	12/19/2012	ND	
MW-33R	d	Bromochloromethane	74-97-5	ug/L	12/19/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	Bromochloromethane	74-97-5	ug/L	12/19/2012	ND	
MW-55	d	Bromochloromethane	74-97-5	ug/L	12/19/2012	ND	
MW-56	d	Bromochloromethane	74-97-5	ug/L	12/19/2012	ND	
MW-14R	d	Bromochloromethane	74-97-5	ug/L	3/11/2013	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	3/11/2013	ND	
MW-28	d	Bromochloromethane	74-97-5	ug/L	3/11/2013	ND	
MW-39	d	Bromochloromethane	74-97-5	ug/L	3/11/2013	ND	
MW-50	d	Bromochloromethane	74-97-5	ug/L	3/11/2013	ND	
MW-50	d	Bromochloromethane	74-97-5	ug/L	3/11/2013	ND	
MW-51	d	Bromochloromethane	74-97-5	ug/L	3/11/2013	ND	
MW-52	d	Bromochloromethane	74-97-5	ug/L	3/11/2013	ND	
MW-53	d	Bromochloromethane	74-97-5	ug/L	3/11/2013	ND	
MW-54	d	Bromochloromethane	74-97-5	ug/L	3/11/2013	ND	
MW-55	d	Bromochloromethane	74-97-5	ug/L	3/11/2013	ND	
MW-56	d	Bromochloromethane	74-97-5	ug/L	3/11/2013	ND	
MW-20	d	Bromochloromethane	74-97-5	ug/L	6/10/2013	ND	
MW-20	d	Bromochloromethane	74-97-5	ug/L	6/10/2013	ND	
MW-21	d	Bromochloromethane	74-97-5	ug/L	6/10/2013	ND	
MW-22R	d	Bromochloromethane	74-97-5	ug/L	6/10/2013	ND	
MW-29	d	Bromochloromethane	74-97-5	ug/L	6/10/2013	ND	
MW-30R	d	Bromochloromethane	74-97-5	ug/L	6/10/2013	ND	
MW-31R	d	Bromochloromethane	74-97-5	ug/L	6/10/2013	ND	
MW-32R	d	Bromochloromethane	74-97-5	ug/L	6/10/2013	ND	
MW-33R	d	Bromochloromethane	74-97-5	ug/L	6/10/2013	ND	
MW-57	d	Bromochloromethane	74-97-5	ug/L	6/10/2013	ND	
MW-58	d	Bromochloromethane	74-97-5	ug/L	6/10/2013	ND	
GU-3A	d	Bromochloromethane	74-97-5	ug/L	9/10/2013	ND	
MW-31R	d	Bromochloromethane	74-97-5	ug/L	9/10/2013	ND	
MW-31R	d	Bromochloromethane	74-97-5	ug/L	9/10/2013	ND	
MW-32R	d	Bromochloromethane	74-97-5	ug/L	9/10/2013	ND	
MW-33R	d	Bromochloromethane	74-97-5	ug/L	9/10/2013	ND	
MW-50	d	Bromochloromethane	74-97-5	ug/L	9/10/2013	ND	
MW-51	d	Bromochloromethane	74-97-5	ug/L	9/10/2013	ND	
MW-52	d	Bromochloromethane	74-97-5	ug/L	9/10/2013	ND	
MW-53	d	Bromochloromethane	74-97-5	ug/L	9/10/2013	ND	
MW-54	d	Bromochloromethane	74-97-5	ug/L	9/10/2013	ND	
MW-14R	d	Bromochloromethane	74-97-5	ug/L	12/18/2013	ND	
MW-18	d	Bromochloromethane	74-97-5	ug/L	12/18/2013	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	12/18/2013	ND	
MW-20	d	Bromochloromethane	74-97-5	ug/L	12/18/2013	ND	
MW-21	d	Bromochloromethane	74-97-5	ug/L	12/18/2013	ND	
MW-22R	d	Bromochloromethane	74-97-5	ug/L	12/18/2013	ND	
MW-28	d	Bromochloromethane	74-97-5	ug/L	12/18/2013	ND	
MW-30R	d	Bromochloromethane	74-97-5	ug/L	12/18/2013	ND	
MW-39	d	Bromochloromethane	74-97-5	ug/L	12/18/2013	ND	
MW-39	d	Bromochloromethane	74-97-5	ug/L	12/18/2013	ND	
MW-55	d	Bromochloromethane	74-97-5	ug/L	12/18/2013	ND	
MW-18	d	Bromochloromethane	74-97-5	ug/L	3/20/2014	ND	
MW-20	d	Bromochloromethane	74-97-5	ug/L	3/20/2014	ND	
MW-21	d	Bromochloromethane	74-97-5	ug/L	3/20/2014	ND	
MW-21	d	Bromochloromethane	74-97-5	ug/L	3/20/2014	ND	
MW-22R	d	Bromochloromethane	74-97-5	ug/L	3/20/2014	ND	
MW-30R	d	Bromochloromethane	74-97-5	ug/L	3/20/2014	ND	
MW-31R	d	Bromochloromethane	74-97-5	ug/L	3/20/2014	ND	
MW-32R	d	Bromochloromethane	74-97-5	ug/L	3/20/2014	ND	
MW-33R	d	Bromochloromethane	74-97-5	ug/L	3/20/2014	ND	
MW-14R	d	Bromochloromethane	74-97-5	ug/L	6/24/2014	ND	
MW-14R	d	Bromochloromethane	74-97-5	ug/L	6/24/2014	ND	
MW-18	d	Bromochloromethane	74-97-5	ug/L	6/24/2014	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	6/24/2014	ND	
MW-28	d	Bromochloromethane	74-97-5	ug/L	6/24/2014	ND	
MW-39	d	Bromochloromethane	74-97-5	ug/L	6/24/2014	ND	
MW-50	d	Bromochloromethane	74-97-5	ug/L	6/24/2014	ND	
MW-51	d	Bromochloromethane	74-97-5	ug/L	6/24/2014	ND	
MW-52	d	Bromochloromethane	74-97-5	ug/L	6/24/2014	ND	
MW-53	d	Bromochloromethane	74-97-5	ug/L	6/24/2014	ND	
MW-54	d	Bromochloromethane	74-97-5	ug/L	6/24/2014	ND	
MW-55	d	Bromochloromethane	74-97-5	ug/L	6/24/2014	ND	
MW-58	d	Bromochloromethane	74-97-5	ug/L	6/24/2014	ND	
MW-29	d	Bromochloromethane	74-97-5	ug/L	7/24/2014	ND	
MW-56	d	Bromochloromethane	74-97-5	ug/L	7/24/2014	ND	
MW-57	d	Bromochloromethane	74-97-5	ug/L	7/24/2014	ND	
GU-3A	d	Bromochloromethane	74-97-5	ug/L	9/24/2014	ND	
MW-18	d	Bromochloromethane	74-97-5	ug/L	9/24/2014	ND	
MW-29	d	Bromochloromethane	74-97-5	ug/L	9/24/2014	ND	
MW-30R	d	Bromochloromethane	74-97-5	ug/L	9/24/2014	ND	
MW-31R	d	Bromochloromethane	74-97-5	ug/L	9/24/2014	ND	
MW-31R	d	Bromochloromethane	74-97-5	ug/L	9/24/2014	ND	
MW-32R	d	Bromochloromethane	74-97-5	ug/L	9/24/2014	ND	
MW-33R	d	Bromochloromethane	74-97-5	ug/L	9/24/2014	ND	
MW-50	d	Bromochloromethane	74-97-5	ug/L	9/24/2014	ND	
MW-51	d	Bromochloromethane	74-97-5	ug/L	9/24/2014	ND	
MW-52	d	Bromochloromethane	74-97-5	ug/L	9/24/2014	ND	
MW-53	d	Bromochloromethane	74-97-5	ug/L	9/24/2014	ND	
MW-54	d	Bromochloromethane	74-97-5	ug/L	9/24/2014	ND	
MW-14R	d	Bromochloromethane	74-97-5	ug/L	12/4/2014	ND	
MW-18	d	Bromochloromethane	74-97-5	ug/L	12/4/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	Bromochloromethane	74-97-5	ug/L	12/4/2014	ND	
MW-20	d	Bromochloromethane	74-97-5	ug/L	12/4/2014	ND	
MW-21	d	Bromochloromethane	74-97-5	ug/L	12/4/2014	ND	
MW-22R	d	Bromochloromethane	74-97-5	ug/L	12/4/2014	ND	
MW-28	d	Bromochloromethane	74-97-5	ug/L	12/4/2014	ND	
MW-39	d	Bromochloromethane	74-97-5	ug/L	12/4/2014	ND	
MW-56	d	Bromochloromethane	74-97-5	ug/L	12/4/2014	ND	
MW-57	d	Bromochloromethane	74-97-5	ug/L	12/4/2014	ND	
MW-57	d	Bromochloromethane	74-97-5	ug/L	12/4/2014	ND	
MW-58	d	Bromochloromethane	74-97-5	ug/L	12/4/2014	ND	
MW-14R	d	Bromochloromethane	74-97-5	ug/L	3/11/2015	ND	
MW-18	d	Bromochloromethane	74-97-5	ug/L	3/11/2015	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	3/11/2015	ND	
MW-20	d	Bromochloromethane	74-97-5	ug/L	3/11/2015	ND	
MW-21	d	Bromochloromethane	74-97-5	ug/L	3/11/2015	ND	
MW-22R	d	Bromochloromethane	74-97-5	ug/L	3/11/2015	ND	
MW-28	d	Bromochloromethane	74-97-5	ug/L	3/11/2015	ND	
MW-39	d	Bromochloromethane	74-97-5	ug/L	3/11/2015	ND	
MW-55	d	Bromochloromethane	74-97-5	ug/L	3/11/2015	ND	
MW-56	d	Bromochloromethane	74-97-5	ug/L	3/11/2015	ND	
MW-57	d	Bromochloromethane	74-97-5	ug/L	3/11/2015	ND	
MW-58	d	Bromochloromethane	74-97-5	ug/L	3/11/2015	ND	
MW-58	d	Bromochloromethane	74-97-5	ug/L	3/11/2015	ND	
MW-29	d	Bromochloromethane	74-97-5	ug/L	6/29/2015	ND	
MW-30R	d	Bromochloromethane	74-97-5	ug/L	6/29/2015	ND	
MW-31R	d	Bromochloromethane	74-97-5	ug/L	6/29/2015	ND	
MW-31R	d	Bromochloromethane	74-97-5	ug/L	6/29/2015	ND	
MW-32R	d	Bromochloromethane	74-97-5	ug/L	6/29/2015	ND	
MW-33R	d	Bromochloromethane	74-97-5	ug/L	6/29/2015	ND	
MW-50	d	Bromochloromethane	74-97-5	ug/L	6/29/2015	ND	
MW-51	d	Bromochloromethane	74-97-5	ug/L	6/29/2015	ND	
MW-52	d	Bromochloromethane	74-97-5	ug/L	6/29/2015	ND	
MW-53	d	Bromochloromethane	74-97-5	ug/L	6/29/2015	ND	
MW-54	d	Bromochloromethane	74-97-5	ug/L	6/29/2015	ND	
GU-3A	d	Bromochloromethane	74-97-5	ug/L	9/22/2015	ND	
MW-14R	d	Bromochloromethane	74-97-5	ug/L	2/15/2016	ND	
MW-14R	d	Bromochloromethane	74-97-5	ug/L	2/15/2016	ND	
MW-18	d	Bromochloromethane	74-97-5	ug/L	2/15/2016	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	2/15/2016	ND	
MW-39	d	Bromochloromethane	74-97-5	ug/L	2/15/2016	ND	
MW-20	d	Bromochloromethane	74-97-5	ug/L	2/16/2016	ND	
MW-21	d	Bromochloromethane	74-97-5	ug/L	2/16/2016	ND	
MW-55	d	Bromochloromethane	74-97-5	ug/L	2/16/2016	ND	
MW-56	d	Bromochloromethane	74-97-5	ug/L	2/16/2016	ND	
MW-57	d	Bromochloromethane	74-97-5	ug/L	2/16/2016	ND	
MW-58	d	Bromochloromethane	74-97-5	ug/L	2/16/2016	ND	
MW-22R	d	Bromochloromethane	74-97-5	ug/L	2/17/2016	ND	
MW-28	d	Bromochloromethane	74-97-5	ug/L	8/25/2016	ND	
MW-29	d	Bromochloromethane	74-97-5	ug/L	8/25/2016	ND	
MW-30R	d	Bromochloromethane	74-97-5	ug/L	8/25/2016	ND	
MW-31R	d	Bromochloromethane	74-97-5	ug/L	8/25/2016	ND	
MW-32R	d	Bromochloromethane	74-97-5	ug/L	8/25/2016	ND	
MW-33R	d	Bromochloromethane	74-97-5	ug/L	8/25/2016	ND	
MW-50	d	Bromochloromethane	74-97-5	ug/L	8/25/2016	ND	
MW-51	d	Bromochloromethane	74-97-5	ug/L	8/25/2016	ND	
MW-52	d	Bromochloromethane	74-97-5	ug/L	8/25/2016	ND	
MW-53	d	Bromochloromethane	74-97-5	ug/L	8/25/2016	ND	
MW-54	d	Bromochloromethane	74-97-5	ug/L	8/25/2016	ND	
GU-3A	d	Bromochloromethane	74-97-5	ug/L	8/26/2016	ND	
MW-18	d	Bromochloromethane	74-97-5	ug/L	1/17/2017	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	1/17/2017	ND	
MW-22R	d	Bromochloromethane	74-97-5	ug/L	1/17/2017	ND	
MW-28	d	Bromochloromethane	74-97-5	ug/L	1/17/2017	ND	
MW-28	d	Bromochloromethane	74-97-5	ug/L	1/17/2017	ND	
MW-39	d	Bromochloromethane	74-97-5	ug/L	1/17/2017	ND	
MW-50	d	Bromochloromethane	74-97-5	ug/L	1/17/2017	ND	
MW-51	d	Bromochloromethane	74-97-5	ug/L	1/17/2017	ND	
MW-53	d	Bromochloromethane	74-97-5	ug/L	1/17/2017	ND	
MW-54	d	Bromochloromethane	74-97-5	ug/L	1/17/2017	ND	
MW-56	d	Bromochloromethane	74-97-5	ug/L	1/17/2017	ND	
GU-3A	d	Bromochloromethane	74-97-5	ug/L	7/10/2017	ND	
MW-14R	d	Bromochloromethane	74-97-5	ug/L	7/10/2017	ND	
MW-20	d	Bromochloromethane	74-97-5	ug/L	7/10/2017	ND	
MW-21	d	Bromochloromethane	74-97-5	ug/L	7/10/2017	ND	
MW-29	d	Bromochloromethane	74-97-5	ug/L	7/10/2017	ND	
MW-30R	d	Bromochloromethane	74-97-5	ug/L	7/10/2017	ND	
MW-31R	d	Bromochloromethane	74-97-5	ug/L	7/10/2017	ND	
MW-32R	d	Bromochloromethane	74-97-5	ug/L	7/10/2017	ND	
MW-32R	d	Bromochloromethane	74-97-5	ug/L	7/10/2017	ND	
MW-33R	d	Bromochloromethane	74-97-5	ug/L	7/10/2017	ND	
MW-57	d	Bromochloromethane	74-97-5	ug/L	7/10/2017	ND	
MW-58	d	Bromochloromethane	74-97-5	ug/L	7/10/2017	ND	
MW-52	d	Bromochloromethane	74-97-5	ug/L	10/17/2017	ND	
MW-55	d	Bromochloromethane	74-97-5	ug/L	10/17/2017	ND	
GU-3A	d	Bromochloromethane	74-97-5	ug/L	4/3/2018	ND	
GU-3A	d	Bromochloromethane	74-97-5	ug/L	4/3/2018	ND	
MW-14R	d	Bromochloromethane	74-97-5	ug/L	4/3/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-20	d	Bromochloromethane	74-97-5	ug/L	4/3/2018	ND	
MW-21	d	Bromochloromethane	74-97-5	ug/L	4/3/2018	ND	
MW-29	d	Bromochloromethane	74-97-5	ug/L	4/3/2018	ND	
MW-30R	d	Bromochloromethane	74-97-5	ug/L	4/3/2018	ND	
MW-31R	d	Bromochloromethane	74-97-5	ug/L	4/3/2018	ND	
MW-32R	d	Bromochloromethane	74-97-5	ug/L	4/3/2018	ND	
MW-33R	d	Bromochloromethane	74-97-5	ug/L	4/3/2018	ND	
MW-33R	d	Bromochloromethane	74-97-5	ug/L	4/3/2018	ND	
MW-57	d	Bromochloromethane	74-97-5	ug/L	4/3/2018	ND	
MW-58	d	Bromochloromethane	74-97-5	ug/L	4/3/2018	ND	
MW-39	d	Bromochloromethane	74-97-5	ug/L	11/1/2018	ND	
MW-50	d	Bromochloromethane	74-97-5	ug/L	11/1/2018	ND	
MW-51	d	Bromochloromethane	74-97-5	ug/L	11/1/2018	ND	
MW-52	d	Bromochloromethane	74-97-5	ug/L	11/1/2018	ND	
MW-53	d	Bromochloromethane	74-97-5	ug/L	11/1/2018	ND	
MW-54	d	Bromochloromethane	74-97-5	ug/L	11/1/2018	ND	
MW-55	d	Bromochloromethane	74-97-5	ug/L	11/1/2018	ND	
MW-18	d	Bromochloromethane	74-97-5	ug/L	11/2/2018	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	11/2/2018	ND	
MW-22R	d	Bromochloromethane	74-97-5	ug/L	11/2/2018	ND	
MW-28	d	Bromochloromethane	74-97-5	ug/L	11/2/2018	ND	
MW-56	d	Bromochloromethane	74-97-5	ug/L	11/2/2018	NDH	
MW-18	d	Bromochloromethane	74-97-5	ug/L	5/16/2019	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	5/16/2019	ND	
MW-23	u	Bromochloromethane	74-97-5	ug/L	5/16/2019	ND	
MW-24R	u	Bromochloromethane	74-97-5	ug/L	5/16/2019	ND	
MW-28	d	Bromochloromethane	74-97-5	ug/L	5/16/2019	ND	
MW-55	d	Bromochloromethane	74-97-5	ug/L	5/16/2019	ND	
MW-50	d	Bromochloromethane	74-97-5	ug/L	5/20/2019	ND	
MW-51	d	Bromochloromethane	74-97-5	ug/L	5/20/2019	ND	
MW-52	d	Bromochloromethane	74-97-5	ug/L	5/20/2019	ND	
MW-54	d	Bromochloromethane	74-97-5	ug/L	5/20/2019	ND	
MW-56	d	Bromochloromethane	74-97-5	ug/L	5/20/2019	ND	
MW-53	d	Bromochloromethane	74-97-5	ug/L	5/21/2019	ND	
MW-14R	d	Bromochloromethane	74-97-5	ug/L	9/11/2019	ND	
MW-29	d	Bromochloromethane	74-97-5	ug/L	9/11/2019	ND	
MW-30R	d	Bromochloromethane	74-97-5	ug/L	9/11/2019	ND	
MW-33R	d	Bromochloromethane	74-97-5	ug/L	9/11/2019	ND	
MW-58	d	Bromochloromethane	74-97-5	ug/L	9/11/2019	ND	
GU-3A	d	Bromochloromethane	74-97-5	ug/L	3/16/2020	ND	
MW-33R	d	Bromochloromethane	74-97-5	ug/L	3/16/2020	ND	
MW-14R	d	Bromochloromethane	74-97-5	ug/L	3/17/2020	ND	
MW-29	d	Bromochloromethane	74-97-5	ug/L	3/17/2020	ND	
MW-30R	d	Bromochloromethane	74-97-5	ug/L	3/17/2020	ND	
MW-58	d	Bromochloromethane	74-97-5	ug/L	3/17/2020	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	7/20/2020	ND	
MW-28	d	Bromochloromethane	74-97-5	ug/L	7/20/2020	ND	
MW-51	d	Bromochloromethane	74-97-5	ug/L	7/20/2020	ND	
MW-55	d	Bromochloromethane	74-97-5	ug/L	7/20/2020	ND	
MW-56	d	Bromochloromethane	74-97-5	ug/L	7/20/2020	ND	
MW-57R	d	Bromochloromethane	74-97-5	ug/L	7/20/2020	ND	
MW-73	d	Bromochloromethane	74-97-5	ug/L	7/20/2020	ND	
MW-18	d	Bromochloromethane	74-97-5	ug/L	7/21/2020	ND	
MW-50	d	Bromochloromethane	74-97-5	ug/L	7/21/2020	ND	
MW-52	d	Bromochloromethane	74-97-5	ug/L	7/21/2020	ND	
MW-53	d	Bromochloromethane	74-97-5	ug/L	7/21/2020	ND	
MW-54	d	Bromochloromethane	74-97-5	ug/L	7/21/2020	ND	
MW-23	u	Bromochloromethane	74-97-5	ug/L	7/22/2020	ND	
MW-24R	u	Bromochloromethane	74-97-5	ug/L	7/22/2020	ND	
MW-55	d	Bromochloromethane	74-97-5	ug/L	11/12/2020	ND	
MW-33R	d	Bromochloromethane	74-97-5	ug/L	8/24/2021		<5.00
MW-14R	d	Bromochloromethane	74-97-5	ug/L	8/24/2021		<5.00
MW-29	d	Bromochloromethane	74-97-5	ug/L	8/25/2021		<5.00
MW-58	d	Bromochloromethane	74-97-5	ug/L	8/25/2021		<5.00
MW-30R	d	Bromochloromethane	74-97-5	ug/L	8/25/2021		<5.00
MW-68	d	Bromochloromethane	74-97-5	ug/L	8/25/2021		<5.00
MW-69	d	Bromochloromethane	74-97-5	ug/L	8/25/2021		<5.00
MW-70	d	Bromochloromethane	74-97-5	ug/L	8/26/2021		<5.00
MW-57R	d	Bromochloromethane	74-97-5	ug/L	8/26/2021		<5.00
PZ-13	d	Bromochloromethane	74-97-5	ug/L	8/27/2021		<5.00
MW-73	d	Bromochloromethane	74-97-5	ug/L	8/27/2021		<5.00
GU-3A	d	Bromochloromethane	74-97-5	ug/L	9/8/2021		<5.00
MW-24R	u	Bromochloromethane	74-97-5	ug/L	12/7/2021		<5.00
MW-28	d	Bromochloromethane	74-97-5	ug/L	12/7/2021		<5.00
MW-57R	d	Bromochloromethane	74-97-5	ug/L	12/7/2021		<5.00
MW-73	d	Bromochloromethane	74-97-5	ug/L	12/7/2021		<5.00
MW-56	d	Bromochloromethane	74-97-5	ug/L	12/7/2021		<5.00
MW-19	d	Bromochloromethane	74-97-5	ug/L	12/7/2021		<5.00
MW-18	d	Bromochloromethane	74-97-5	ug/L	12/7/2021		<5.00
MW-55	d	Bromochloromethane	74-97-5	ug/L	12/7/2021		<5.00
MW-50	d	Bromochloromethane	74-97-5	ug/L	12/7/2021		<5.00
MW-23	u	Bromochloromethane	74-97-5	ug/L	12/8/2021		<5.00
MW-39	d	Bromochloromethane	74-97-5	ug/L	12/8/2021		<5.00
MW-51	d	Bromochloromethane	74-97-5	ug/L	12/8/2021		<5.00
MW-52	d	Bromochloromethane	74-97-5	ug/L	12/8/2021		<5.00
MW-53	d	Bromochloromethane	74-97-5	ug/L	12/8/2021		<5.00
MW-54	d	Bromochloromethane	74-97-5	ug/L	12/8/2021		<5.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-51	d	Bromodichloromethane	75-27-4	ug/L	1/15/2010	ND	
MW-24R	u	Bromodichloromethane	75-27-4	ug/L	2/11/2010	ND	
MW-53	d	Bromodichloromethane	75-27-4	ug/L	2/11/2010	ND	
GU-3A	d	Bromodichloromethane	75-27-4	ug/L	3/24/2010	ND	
MW-20	d	Bromodichloromethane	75-27-4	ug/L	3/24/2010	ND	
MW-21	d	Bromodichloromethane	75-27-4	ug/L	3/24/2010	ND	
MW-22R	d	Bromodichloromethane	75-27-4	ug/L	3/24/2010	ND	
MW-52	d	Bromodichloromethane	75-27-4	ug/L	3/24/2010	ND	
MW-54	d	Bromodichloromethane	75-27-4	ug/L	3/24/2010	ND	
MW-55	d	Bromodichloromethane	75-27-4	ug/L	3/24/2010	ND	
MW-28	d	Bromodichloromethane	75-27-4	ug/L	4/9/2010	ND	
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	4/9/2010	ND	
MW-50	d	Bromodichloromethane	75-27-4	ug/L	4/9/2010	ND	
MW-56	d	Bromodichloromethane	75-27-4	ug/L	4/9/2010	ND	
MW-57	d	Bromodichloromethane	75-27-4	ug/L	4/9/2010	ND	
MW-58	d	Bromodichloromethane	75-27-4	ug/L	4/9/2010	ND	
MW-32R	d	Bromodichloromethane	75-27-4	ug/L	5/18/2010	ND	
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	6/17/2010	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	6/17/2010	ND	
MW-29	d	Bromodichloromethane	75-27-4	ug/L	6/17/2010	ND	
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	6/17/2010	ND	
MW-31R	d	Bromodichloromethane	75-27-4	ug/L	6/17/2010	ND	
MW-51	d	Bromodichloromethane	75-27-4	ug/L	6/17/2010	ND	
MW-21	d	Bromodichloromethane	75-27-4	ug/L	7/21/2010	ND	
MW-54	d	Bromodichloromethane	75-27-4	ug/L	7/21/2010	ND	
MW-20	d	Bromodichloromethane	75-27-4	ug/L	8/17/2010	ND	
MW-29	d	Bromodichloromethane	75-27-4	ug/L	8/17/2010	ND	
MW-39	d	Bromodichloromethane	75-27-4	ug/L	8/17/2010	ND	
MW-51	d	Bromodichloromethane	75-27-4	ug/L	8/17/2010	ND	
GU-3A	d	Bromodichloromethane	75-27-4	ug/L	9/17/2010	ND	
MW-22R	d	Bromodichloromethane	75-27-4	ug/L	9/17/2010	ND	
MW-55	d	Bromodichloromethane	75-27-4	ug/L	9/17/2010	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	10/22/2010	ND	
MW-24R	u	Bromodichloromethane	75-27-4	ug/L	10/22/2010	ND	
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	10/22/2010	ND	
MW-31R	d	Bromodichloromethane	75-27-4	ug/L	10/22/2010	ND	
MW-50	d	Bromodichloromethane	75-27-4	ug/L	10/22/2010	ND	
MW-53	d	Bromodichloromethane	75-27-4	ug/L	10/22/2010	ND	
MW-56	d	Bromodichloromethane	75-27-4	ug/L	10/22/2010	ND	
MW-58	d	Bromodichloromethane	75-27-4	ug/L	10/22/2010	ND	
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	11/8/2010	ND	
MW-32R	d	Bromodichloromethane	75-27-4	ug/L	11/8/2010	ND	
MW-57	d	Bromodichloromethane	75-27-4	ug/L	11/8/2010	ND	
MW-28	d	Bromodichloromethane	75-27-4	ug/L	12/15/2010	ND	
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	12/15/2010	ND	
MW-52	d	Bromodichloromethane	75-27-4	ug/L	12/15/2010	ND	
MW-54	d	Bromodichloromethane	75-27-4	ug/L	1/12/2011	ND	
MW-54	d	Bromodichloromethane	75-27-4	ug/L	1/12/2011	ND	
MW-20	d	Bromodichloromethane	75-27-4	ug/L	2/22/2011	ND	
MW-22R	d	Bromodichloromethane	75-27-4	ug/L	2/22/2011	ND	
MW-51	d	Bromodichloromethane	75-27-4	ug/L	2/22/2011	ND	
MW-52	d	Bromodichloromethane	75-27-4	ug/L	2/22/2011	ND	
MW-53	d	Bromodichloromethane	75-27-4	ug/L	2/22/2011	ND	
MW-55	d	Bromodichloromethane	75-27-4	ug/L	2/22/2011	ND	
GU-3A	d	Bromodichloromethane	75-27-4	ug/L	3/2/2011	ND	
MW-21	d	Bromodichloromethane	75-27-4	ug/L	3/2/2011	ND	
MW-21	d	Bromodichloromethane	75-27-4	ug/L	3/2/2011	ND	
MW-29	d	Bromodichloromethane	75-27-4	ug/L	4/21/2011	ND	
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	4/21/2011	ND	
MW-31R	d	Bromodichloromethane	75-27-4	ug/L	4/21/2011	ND	
MW-31R	d	Bromodichloromethane	75-27-4	ug/L	4/21/2011	ND	
MW-32R	d	Bromodichloromethane	75-27-4	ug/L	4/21/2011	ND	
MW-54	d	Bromodichloromethane	75-27-4	ug/L	5/31/2011	ND	
MW-56	d	Bromodichloromethane	75-27-4	ug/L	5/31/2011	ND	
MW-57	d	Bromodichloromethane	75-27-4	ug/L	5/31/2011	ND	
MW-58	d	Bromodichloromethane	75-27-4	ug/L	5/31/2011	ND	
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	6/7/2011	ND	
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	6/7/2011	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	6/7/2011	ND	
MW-28	d	Bromodichloromethane	75-27-4	ug/L	6/7/2011	ND	
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	6/7/2011	ND	
MW-39	d	Bromodichloromethane	75-27-4	ug/L	6/7/2011	ND	
MW-50	d	Bromodichloromethane	75-27-4	ug/L	6/7/2011	ND	
MW-52	d	Bromodichloromethane	75-27-4	ug/L	7/22/2011	ND	
MW-56	d	Bromodichloromethane	75-27-4	ug/L	7/22/2011	ND	
MW-58	d	Bromodichloromethane	75-27-4	ug/L	7/22/2011	ND	
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	8/29/2011	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	8/29/2011	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	8/29/2011	ND	
MW-32R	d	Bromodichloromethane	75-27-4	ug/L	8/29/2011	ND	
GU-3A	d	Bromodichloromethane	75-27-4	ug/L	9/9/2011	ND	
MW-22R	d	Bromodichloromethane	75-27-4	ug/L	9/9/2011	ND	
MW-28	d	Bromodichloromethane	75-27-4	ug/L	9/9/2011	ND	
MW-29	d	Bromodichloromethane	75-27-4	ug/L	9/9/2011	ND	
MW-51	d	Bromodichloromethane	75-27-4	ug/L	9/9/2011	ND	
MW-53	d	Bromodichloromethane	75-27-4	ug/L	9/9/2011	ND	
MW-53	d	Bromodichloromethane	75-27-4	ug/L	9/9/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-21	d	Bromodichloromethane	75-27-4	ug/L	10/4/2011	ND	
MW-50	d	Bromodichloromethane	75-27-4	ug/L	10/4/2011	ND	
MW-50	d	Bromodichloromethane	75-27-4	ug/L	10/4/2011	ND	
MW-54	d	Bromodichloromethane	75-27-4	ug/L	10/4/2011	ND	
MW-57	d	Bromodichloromethane	75-27-4	ug/L	10/4/2011	ND	
MW-20	d	Bromodichloromethane	75-27-4	ug/L	11/29/2011	ND	
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	11/29/2011	ND	
MW-52	d	Bromodichloromethane	75-27-4	ug/L	11/29/2011	ND	
MW-55	d	Bromodichloromethane	75-27-4	ug/L	11/29/2011	ND	
MW-31R	d	Bromodichloromethane	75-27-4	ug/L	12/16/2011	ND	
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	12/16/2011	ND	
MW-39	d	Bromodichloromethane	75-27-4	ug/L	12/16/2011	ND	
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	3/8/2012	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	3/8/2012	ND	
MW-20	d	Bromodichloromethane	75-27-4	ug/L	3/8/2012	ND	
MW-21	d	Bromodichloromethane	75-27-4	ug/L	3/8/2012	ND	
MW-22R	d	Bromodichloromethane	75-27-4	ug/L	3/8/2012	ND	
MW-28	d	Bromodichloromethane	75-27-4	ug/L	3/8/2012	ND	
MW-39	d	Bromodichloromethane	75-27-4	ug/L	3/8/2012	ND	
MW-55	d	Bromodichloromethane	75-27-4	ug/L	3/8/2012	ND	
MW-56	d	Bromodichloromethane	75-27-4	ug/L	3/8/2012	ND	
MW-57	d	Bromodichloromethane	75-27-4	ug/L	3/8/2012	ND	
MW-58	d	Bromodichloromethane	75-27-4	ug/L	3/8/2012	ND	
GU-3A	d	Bromodichloromethane	75-27-4	ug/L	6/13/2012	ND	
MW-29	d	Bromodichloromethane	75-27-4	ug/L	6/13/2012	ND	
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	6/13/2012	ND	
MW-31R	d	Bromodichloromethane	75-27-4	ug/L	6/13/2012	ND	
MW-32R	d	Bromodichloromethane	75-27-4	ug/L	6/13/2012	ND	
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	6/13/2012	ND	
MW-50	d	Bromodichloromethane	75-27-4	ug/L	6/13/2012	ND	
MW-50	d	Bromodichloromethane	75-27-4	ug/L	6/13/2012	ND	
MW-51	d	Bromodichloromethane	75-27-4	ug/L	6/13/2012	ND	
MW-52	d	Bromodichloromethane	75-27-4	ug/L	6/13/2012	ND	
MW-53	d	Bromodichloromethane	75-27-4	ug/L	6/13/2012	ND	
MW-54	d	Bromodichloromethane	75-27-4	ug/L	6/13/2012	ND	
GU-3A	d	Bromodichloromethane	75-27-4	ug/L	9/4/2012	ND	
MW-20	d	Bromodichloromethane	75-27-4	ug/L	9/4/2012	ND	
MW-21	d	Bromodichloromethane	75-27-4	ug/L	9/4/2012	ND	
MW-22R	d	Bromodichloromethane	75-27-4	ug/L	9/4/2012	ND	
MW-50	d	Bromodichloromethane	75-27-4	ug/L	9/4/2012	ND	
MW-51	d	Bromodichloromethane	75-27-4	ug/L	9/4/2012	ND	
MW-52	d	Bromodichloromethane	75-27-4	ug/L	9/4/2012	ND	
MW-53	d	Bromodichloromethane	75-27-4	ug/L	9/4/2012	ND	
MW-54	d	Bromodichloromethane	75-27-4	ug/L	9/4/2012	ND	
MW-54	d	Bromodichloromethane	75-27-4	ug/L	9/4/2012	ND	
MW-57	d	Bromodichloromethane	75-27-4	ug/L	9/4/2012	ND	
MW-58	d	Bromodichloromethane	75-27-4	ug/L	9/4/2012	ND	
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	12/19/2012	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	12/19/2012	ND	
MW-28	d	Bromodichloromethane	75-27-4	ug/L	12/19/2012	ND	
MW-29	d	Bromodichloromethane	75-27-4	ug/L	12/19/2012	ND	
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	12/19/2012	ND	
MW-31R	d	Bromodichloromethane	75-27-4	ug/L	12/19/2012	ND	
MW-32R	d	Bromodichloromethane	75-27-4	ug/L	12/19/2012	ND	
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	12/19/2012	ND	
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	12/19/2012	ND	
MW-39	d	Bromodichloromethane	75-27-4	ug/L	12/19/2012	ND	
MW-55	d	Bromodichloromethane	75-27-4	ug/L	12/19/2012	ND	
MW-56	d	Bromodichloromethane	75-27-4	ug/L	12/19/2012	ND	
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	3/11/2013	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	3/11/2013	ND	
MW-28	d	Bromodichloromethane	75-27-4	ug/L	3/11/2013	ND	
MW-39	d	Bromodichloromethane	75-27-4	ug/L	3/11/2013	ND	
MW-50	d	Bromodichloromethane	75-27-4	ug/L	3/11/2013	ND	
MW-50	d	Bromodichloromethane	75-27-4	ug/L	3/11/2013	ND	
MW-51	d	Bromodichloromethane	75-27-4	ug/L	3/11/2013	ND	
MW-52	d	Bromodichloromethane	75-27-4	ug/L	3/11/2013	ND	
MW-53	d	Bromodichloromethane	75-27-4	ug/L	3/11/2013	ND	
MW-54	d	Bromodichloromethane	75-27-4	ug/L	3/11/2013	ND	
MW-55	d	Bromodichloromethane	75-27-4	ug/L	3/11/2013	ND	
MW-56	d	Bromodichloromethane	75-27-4	ug/L	3/11/2013	ND	
MW-20	d	Bromodichloromethane	75-27-4	ug/L	6/10/2013	ND	
MW-20	d	Bromodichloromethane	75-27-4	ug/L	6/10/2013	ND	
MW-21	d	Bromodichloromethane	75-27-4	ug/L	6/10/2013	ND	
MW-22R	d	Bromodichloromethane	75-27-4	ug/L	6/10/2013	ND	
MW-29	d	Bromodichloromethane	75-27-4	ug/L	6/10/2013	ND	
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	6/10/2013	ND	
MW-31R	d	Bromodichloromethane	75-27-4	ug/L	6/10/2013	ND	
MW-32R	d	Bromodichloromethane	75-27-4	ug/L	6/10/2013	ND	
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	6/10/2013	ND	
MW-57	d	Bromodichloromethane	75-27-4	ug/L	6/10/2013	ND	
MW-58	d	Bromodichloromethane	75-27-4	ug/L	6/10/2013	ND	
GU-3A	d	Bromodichloromethane	75-27-4	ug/L	9/10/2013	ND	
MW-31R	d	Bromodichloromethane	75-27-4	ug/L	9/10/2013	ND	
MW-31R	d	Bromodichloromethane	75-27-4	ug/L	9/10/2013	ND	
MW-32R	d	Bromodichloromethane	75-27-4	ug/L	9/10/2013	ND	
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	9/10/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	Bromodichloromethane	75-27-4	ug/L	9/10/2013	ND	
MW-51	d	Bromodichloromethane	75-27-4	ug/L	9/10/2013	ND	
MW-52	d	Bromodichloromethane	75-27-4	ug/L	9/10/2013	ND	
MW-53	d	Bromodichloromethane	75-27-4	ug/L	9/10/2013	ND	
MW-54	d	Bromodichloromethane	75-27-4	ug/L	9/10/2013	ND	
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	12/18/2013	ND	
MW-18	d	Bromodichloromethane	75-27-4	ug/L	12/18/2013	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	12/18/2013	ND	
MW-20	d	Bromodichloromethane	75-27-4	ug/L	12/18/2013	ND	
MW-21	d	Bromodichloromethane	75-27-4	ug/L	12/18/2013	ND	
MW-22R	d	Bromodichloromethane	75-27-4	ug/L	12/18/2013	ND	
MW-28	d	Bromodichloromethane	75-27-4	ug/L	12/18/2013	ND	
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	12/18/2013	ND	
MW-39	d	Bromodichloromethane	75-27-4	ug/L	12/18/2013	ND	
MW-39	d	Bromodichloromethane	75-27-4	ug/L	12/18/2013	ND	
MW-55	d	Bromodichloromethane	75-27-4	ug/L	12/18/2013	ND	
MW-18	d	Bromodichloromethane	75-27-4	ug/L	3/20/2014	ND	
MW-20	d	Bromodichloromethane	75-27-4	ug/L	3/20/2014	ND	
MW-21	d	Bromodichloromethane	75-27-4	ug/L	3/20/2014	ND	
MW-21	d	Bromodichloromethane	75-27-4	ug/L	3/20/2014	ND	
MW-22R	d	Bromodichloromethane	75-27-4	ug/L	3/20/2014	ND	
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	3/20/2014	ND	
MW-31R	d	Bromodichloromethane	75-27-4	ug/L	3/20/2014	ND	
MW-32R	d	Bromodichloromethane	75-27-4	ug/L	3/20/2014	ND	
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	3/20/2014	ND	
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	6/24/2014	ND	
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	6/24/2014	ND	
MW-18	d	Bromodichloromethane	75-27-4	ug/L	6/24/2014	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	6/24/2014	ND	
MW-28	d	Bromodichloromethane	75-27-4	ug/L	6/24/2014	ND	
MW-39	d	Bromodichloromethane	75-27-4	ug/L	6/24/2014	ND	
MW-50	d	Bromodichloromethane	75-27-4	ug/L	6/24/2014	ND	
MW-51	d	Bromodichloromethane	75-27-4	ug/L	6/24/2014	ND	
MW-52	d	Bromodichloromethane	75-27-4	ug/L	6/24/2014	ND	
MW-53	d	Bromodichloromethane	75-27-4	ug/L	6/24/2014	ND	
MW-54	d	Bromodichloromethane	75-27-4	ug/L	6/24/2014	ND	
MW-55	d	Bromodichloromethane	75-27-4	ug/L	6/24/2014	ND	
MW-58	d	Bromodichloromethane	75-27-4	ug/L	6/24/2014	ND	
MW-29	d	Bromodichloromethane	75-27-4	ug/L	7/24/2014	ND	
MW-56	d	Bromodichloromethane	75-27-4	ug/L	7/24/2014	ND	
MW-57	d	Bromodichloromethane	75-27-4	ug/L	7/24/2014	ND	
GU-3A	d	Bromodichloromethane	75-27-4	ug/L	9/24/2014	ND	
MW-18	d	Bromodichloromethane	75-27-4	ug/L	9/24/2014	ND	
MW-29	d	Bromodichloromethane	75-27-4	ug/L	9/24/2014	ND	
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	9/24/2014	ND	
MW-31R	d	Bromodichloromethane	75-27-4	ug/L	9/24/2014	ND	
MW-31R	d	Bromodichloromethane	75-27-4	ug/L	9/24/2014	ND	
MW-32R	d	Bromodichloromethane	75-27-4	ug/L	9/24/2014	ND	
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	9/24/2014	ND	
MW-50	d	Bromodichloromethane	75-27-4	ug/L	9/24/2014	ND	
MW-51	d	Bromodichloromethane	75-27-4	ug/L	9/24/2014	ND	
MW-52	d	Bromodichloromethane	75-27-4	ug/L	9/24/2014	ND	
MW-53	d	Bromodichloromethane	75-27-4	ug/L	9/24/2014	ND	
MW-54	d	Bromodichloromethane	75-27-4	ug/L	9/24/2014	ND	
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	12/4/2014	ND	
MW-18	d	Bromodichloromethane	75-27-4	ug/L	12/4/2014	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	12/4/2014	ND	
MW-20	d	Bromodichloromethane	75-27-4	ug/L	12/4/2014	ND	
MW-21	d	Bromodichloromethane	75-27-4	ug/L	12/4/2014	ND	
MW-22R	d	Bromodichloromethane	75-27-4	ug/L	12/4/2014	ND	
MW-28	d	Bromodichloromethane	75-27-4	ug/L	12/4/2014	ND	
MW-39	d	Bromodichloromethane	75-27-4	ug/L	12/4/2014	ND	
MW-56	d	Bromodichloromethane	75-27-4	ug/L	12/4/2014	ND	
MW-57	d	Bromodichloromethane	75-27-4	ug/L	12/4/2014	ND	
MW-57	d	Bromodichloromethane	75-27-4	ug/L	12/4/2014	ND	
MW-58	d	Bromodichloromethane	75-27-4	ug/L	12/4/2014	ND	
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	3/11/2015	ND	
MW-18	d	Bromodichloromethane	75-27-4	ug/L	3/11/2015	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	3/11/2015	ND	
MW-20	d	Bromodichloromethane	75-27-4	ug/L	3/11/2015	ND	
MW-21	d	Bromodichloromethane	75-27-4	ug/L	3/11/2015	ND	
MW-22R	d	Bromodichloromethane	75-27-4	ug/L	3/11/2015	ND	
MW-28	d	Bromodichloromethane	75-27-4	ug/L	3/11/2015	ND	
MW-39	d	Bromodichloromethane	75-27-4	ug/L	3/11/2015	ND	
MW-55	d	Bromodichloromethane	75-27-4	ug/L	3/11/2015	ND	
MW-56	d	Bromodichloromethane	75-27-4	ug/L	3/11/2015	ND	
MW-57	d	Bromodichloromethane	75-27-4	ug/L	3/11/2015	ND	
MW-58	d	Bromodichloromethane	75-27-4	ug/L	3/11/2015	ND	
MW-58	d	Bromodichloromethane	75-27-4	ug/L	3/11/2015	ND	
MW-29	d	Bromodichloromethane	75-27-4	ug/L	6/29/2015	ND	
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	6/29/2015	ND	
MW-31R	d	Bromodichloromethane	75-27-4	ug/L	6/29/2015	ND	
MW-31R	d	Bromodichloromethane	75-27-4	ug/L	6/29/2015	ND	
MW-32R	d	Bromodichloromethane	75-27-4	ug/L	6/29/2015	ND	
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	6/29/2015	ND	
MW-50	d	Bromodichloromethane	75-27-4	ug/L	6/29/2015	ND	
MW-51	d	Bromodichloromethane	75-27-4	ug/L	6/29/2015	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-52	d	Bromodichloromethane	75-27-4	ug/L	6/29/2015	ND	
MW-53	d	Bromodichloromethane	75-27-4	ug/L	6/29/2015	ND	
MW-54	d	Bromodichloromethane	75-27-4	ug/L	6/29/2015	ND	
GU-3A	d	Bromodichloromethane	75-27-4	ug/L	9/22/2015	ND	
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	2/15/2016	ND	
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	2/15/2016	ND	
MW-18	d	Bromodichloromethane	75-27-4	ug/L	2/15/2016	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	2/15/2016	ND	
MW-39	d	Bromodichloromethane	75-27-4	ug/L	2/15/2016	ND	
MW-20	d	Bromodichloromethane	75-27-4	ug/L	2/16/2016	ND	
MW-21	d	Bromodichloromethane	75-27-4	ug/L	2/16/2016	ND	
MW-55	d	Bromodichloromethane	75-27-4	ug/L	2/16/2016	ND	
MW-56	d	Bromodichloromethane	75-27-4	ug/L	2/16/2016	ND	
MW-57	d	Bromodichloromethane	75-27-4	ug/L	2/16/2016	ND	
MW-58	d	Bromodichloromethane	75-27-4	ug/L	2/16/2016	ND	
MW-22R	d	Bromodichloromethane	75-27-4	ug/L	2/17/2016	ND	
MW-28	d	Bromodichloromethane	75-27-4	ug/L	8/25/2016	ND	
MW-29	d	Bromodichloromethane	75-27-4	ug/L	8/25/2016	ND	
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	8/25/2016	ND	
MW-31R	d	Bromodichloromethane	75-27-4	ug/L	8/25/2016	ND	
MW-32R	d	Bromodichloromethane	75-27-4	ug/L	8/25/2016	ND	
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	8/25/2016	ND	
MW-50	d	Bromodichloromethane	75-27-4	ug/L	8/25/2016	ND	
MW-51	d	Bromodichloromethane	75-27-4	ug/L	8/25/2016	ND	
MW-52	d	Bromodichloromethane	75-27-4	ug/L	8/25/2016	ND	
MW-53	d	Bromodichloromethane	75-27-4	ug/L	8/25/2016	ND	
MW-54	d	Bromodichloromethane	75-27-4	ug/L	8/25/2016	ND	
GU-3A	d	Bromodichloromethane	75-27-4	ug/L	8/26/2016	ND	
MW-18	d	Bromodichloromethane	75-27-4	ug/L	1/17/2017	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	1/17/2017	ND	
MW-22R	d	Bromodichloromethane	75-27-4	ug/L	1/17/2017	ND	
MW-28	d	Bromodichloromethane	75-27-4	ug/L	1/17/2017	ND	
MW-28	d	Bromodichloromethane	75-27-4	ug/L	1/17/2017	ND	
MW-39	d	Bromodichloromethane	75-27-4	ug/L	1/17/2017	ND	
MW-50	d	Bromodichloromethane	75-27-4	ug/L	1/17/2017	ND	
MW-51	d	Bromodichloromethane	75-27-4	ug/L	1/17/2017	ND	
MW-53	d	Bromodichloromethane	75-27-4	ug/L	1/17/2017	ND	
MW-54	d	Bromodichloromethane	75-27-4	ug/L	1/17/2017	ND	
MW-56	d	Bromodichloromethane	75-27-4	ug/L	1/17/2017	ND	
GU-3A	d	Bromodichloromethane	75-27-4	ug/L	7/10/2017	ND	
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	7/10/2017	ND	
MW-20	d	Bromodichloromethane	75-27-4	ug/L	7/10/2017	ND	
MW-21	d	Bromodichloromethane	75-27-4	ug/L	7/10/2017	ND	
MW-29	d	Bromodichloromethane	75-27-4	ug/L	7/10/2017	ND	
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	7/10/2017	ND	
MW-31R	d	Bromodichloromethane	75-27-4	ug/L	7/10/2017	ND	
MW-32R	d	Bromodichloromethane	75-27-4	ug/L	7/10/2017	ND	
MW-32R	d	Bromodichloromethane	75-27-4	ug/L	7/10/2017	ND	
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	7/10/2017	ND	
MW-57	d	Bromodichloromethane	75-27-4	ug/L	7/10/2017	ND	
MW-58	d	Bromodichloromethane	75-27-4	ug/L	7/10/2017	ND	
MW-52	d	Bromodichloromethane	75-27-4	ug/L	10/17/2017	ND	
MW-55	d	Bromodichloromethane	75-27-4	ug/L	10/17/2017	ND	
GU-3A	d	Bromodichloromethane	75-27-4	ug/L	4/3/2018	ND	
GU-3A	d	Bromodichloromethane	75-27-4	ug/L	4/3/2018	ND	
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	4/3/2018	ND	
MW-20	d	Bromodichloromethane	75-27-4	ug/L	4/3/2018	ND	
MW-21	d	Bromodichloromethane	75-27-4	ug/L	4/3/2018	ND	
MW-29	d	Bromodichloromethane	75-27-4	ug/L	4/3/2018	ND	
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	4/3/2018	ND	
MW-31R	d	Bromodichloromethane	75-27-4	ug/L	4/3/2018	ND	
MW-32R	d	Bromodichloromethane	75-27-4	ug/L	4/3/2018	ND	
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	4/3/2018	ND	
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	4/3/2018	ND	
MW-57	d	Bromodichloromethane	75-27-4	ug/L	4/3/2018	ND	
MW-58	d	Bromodichloromethane	75-27-4	ug/L	4/3/2018	ND	
MW-39	d	Bromodichloromethane	75-27-4	ug/L	11/1/2018	ND	
MW-50	d	Bromodichloromethane	75-27-4	ug/L	11/1/2018	ND	
MW-51	d	Bromodichloromethane	75-27-4	ug/L	11/1/2018	ND	
MW-52	d	Bromodichloromethane	75-27-4	ug/L	11/1/2018	ND	
MW-53	d	Bromodichloromethane	75-27-4	ug/L	11/1/2018	ND	
MW-54	d	Bromodichloromethane	75-27-4	ug/L	11/1/2018	ND	
MW-55	d	Bromodichloromethane	75-27-4	ug/L	11/1/2018	ND	
MW-18	d	Bromodichloromethane	75-27-4	ug/L	11/2/2018	NDF2	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	11/2/2018	ND	
MW-22R	d	Bromodichloromethane	75-27-4	ug/L	11/2/2018	ND	
MW-28	d	Bromodichloromethane	75-27-4	ug/L	11/2/2018	ND	
MW-56	d	Bromodichloromethane	75-27-4	ug/L	11/2/2018	NDH	
MW-18	d	Bromodichloromethane	75-27-4	ug/L	5/16/2019	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	5/16/2019	ND	
MW-23	u	Bromodichloromethane	75-27-4	ug/L	5/16/2019	ND	
MW-24R	u	Bromodichloromethane	75-27-4	ug/L	5/16/2019	ND	
MW-28	d	Bromodichloromethane	75-27-4	ug/L	5/16/2019	ND	
MW-55	d	Bromodichloromethane	75-27-4	ug/L	5/16/2019	ND	
MW-50	d	Bromodichloromethane	75-27-4	ug/L	5/20/2019	ND	
MW-51	d	Bromodichloromethane	75-27-4	ug/L	5/20/2019	ND	
MW-52	d	Bromodichloromethane	75-27-4	ug/L	5/20/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-54	d	Bromodichloromethane	75-27-4	ug/L	5/20/2019	ND	
MW-56	d	Bromodichloromethane	75-27-4	ug/L	5/20/2019	ND	
MW-53	d	Bromodichloromethane	75-27-4	ug/L	5/21/2019	ND	
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	9/11/2019	ND	
MW-29	d	Bromodichloromethane	75-27-4	ug/L	9/11/2019	ND	
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	9/11/2019	ND	
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	9/11/2019	ND	
MW-58	d	Bromodichloromethane	75-27-4	ug/L	9/11/2019	ND	
GU-3A	d	Bromodichloromethane	75-27-4	ug/L	3/16/2020	ND	
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	3/16/2020	ND	
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	3/17/2020	ND	
MW-29	d	Bromodichloromethane	75-27-4	ug/L	3/17/2020	ND	
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	3/17/2020	ND	
MW-58	d	Bromodichloromethane	75-27-4	ug/L	3/17/2020	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	7/20/2020	ND	
MW-28	d	Bromodichloromethane	75-27-4	ug/L	7/20/2020	ND	
MW-51	d	Bromodichloromethane	75-27-4	ug/L	7/20/2020	ND	
MW-55	d	Bromodichloromethane	75-27-4	ug/L	7/20/2020	ND	
MW-56	d	Bromodichloromethane	75-27-4	ug/L	7/20/2020	ND	
MW-57R	d	Bromodichloromethane	75-27-4	ug/L	7/20/2020	ND	
MW-73	d	Bromodichloromethane	75-27-4	ug/L	7/20/2020	ND	
MW-18	d	Bromodichloromethane	75-27-4	ug/L	7/21/2020	ND	
MW-50	d	Bromodichloromethane	75-27-4	ug/L	7/21/2020	ND	
MW-52	d	Bromodichloromethane	75-27-4	ug/L	7/21/2020	ND	
MW-53	d	Bromodichloromethane	75-27-4	ug/L	7/21/2020	ND	
MW-54	d	Bromodichloromethane	75-27-4	ug/L	7/21/2020	ND	
MW-23	u	Bromodichloromethane	75-27-4	ug/L	7/22/2020	ND	
MW-24R	u	Bromodichloromethane	75-27-4	ug/L	7/22/2020	ND	
MW-55	d	Bromodichloromethane	75-27-4	ug/L	11/12/2020	ND	
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	8/24/2021		<1.00
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	8/24/2021		<1.00
MW-29	d	Bromodichloromethane	75-27-4	ug/L	8/25/2021		<1.00
MW-58	d	Bromodichloromethane	75-27-4	ug/L	8/25/2021		<1.00
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	8/25/2021		<1.00
MW-68	d	Bromodichloromethane	75-27-4	ug/L	8/25/2021		<1.00
MW-69	d	Bromodichloromethane	75-27-4	ug/L	8/25/2021		<1.00
MW-70	d	Bromodichloromethane	75-27-4	ug/L	8/26/2021		<1.00
MW-57R	d	Bromodichloromethane	75-27-4	ug/L	8/26/2021		<1.00
PZ-13	d	Bromodichloromethane	75-27-4	ug/L	8/27/2021		<1.00
MW-73	d	Bromodichloromethane	75-27-4	ug/L	8/27/2021		<1.00
GU-3A	d	Bromodichloromethane	75-27-4	ug/L	9/8/2021		<1.00
MW-24R	u	Bromodichloromethane	75-27-4	ug/L	12/7/2021		<1.00
MW-28	d	Bromodichloromethane	75-27-4	ug/L	12/7/2021		<1.00
MW-57R	d	Bromodichloromethane	75-27-4	ug/L	12/7/2021		<1.00
MW-73	d	Bromodichloromethane	75-27-4	ug/L	12/7/2021		<1.00
MW-56	d	Bromodichloromethane	75-27-4	ug/L	12/7/2021		<1.00
MW-19	d	Bromodichloromethane	75-27-4	ug/L	12/7/2021		<1.00
MW-18	d	Bromodichloromethane	75-27-4	ug/L	12/7/2021		<1.00
MW-55	d	Bromodichloromethane	75-27-4	ug/L	12/7/2021		<1.00
MW-50	d	Bromodichloromethane	75-27-4	ug/L	12/7/2021		<1.00
MW-23	u	Bromodichloromethane	75-27-4	ug/L	12/8/2021		<1.00
MW-39	d	Bromodichloromethane	75-27-4	ug/L	12/8/2021		<1.00
MW-51	d	Bromodichloromethane	75-27-4	ug/L	12/8/2021		<1.00
MW-52	d	Bromodichloromethane	75-27-4	ug/L	12/8/2021		<1.00
MW-53	d	Bromodichloromethane	75-27-4	ug/L	12/8/2021		<1.00
MW-54	d	Bromodichloromethane	75-27-4	ug/L	12/8/2021		<1.00
MW-51	d	Bromoform	75-25-2	ug/L	1/15/2010	ND	
MW-24R	u	Bromoform	75-25-2	ug/L	2/11/2010	ND	
MW-53	d	Bromoform	75-25-2	ug/L	2/11/2010	ND	
GU-3A	d	Bromoform	75-25-2	ug/L	3/24/2010	ND	
MW-20	d	Bromoform	75-25-2	ug/L	3/24/2010	ND	
MW-21	d	Bromoform	75-25-2	ug/L	3/24/2010	ND	
MW-22R	d	Bromoform	75-25-2	ug/L	3/24/2010	ND	
MW-52	d	Bromoform	75-25-2	ug/L	3/24/2010	ND	
MW-54	d	Bromoform	75-25-2	ug/L	3/24/2010	ND	
MW-55	d	Bromoform	75-25-2	ug/L	3/24/2010	ND	
MW-28	d	Bromoform	75-25-2	ug/L	4/9/2010	ND	
MW-33R	d	Bromoform	75-25-2	ug/L	4/9/2010	ND	
MW-50	d	Bromoform	75-25-2	ug/L	4/9/2010	ND	
MW-56	d	Bromoform	75-25-2	ug/L	4/9/2010	ND	
MW-57	d	Bromoform	75-25-2	ug/L	4/9/2010	ND	
MW-58	d	Bromoform	75-25-2	ug/L	4/9/2010	ND	
MW-32R	d	Bromoform	75-25-2	ug/L	5/18/2010	ND	
MW-14R	d	Bromoform	75-25-2	ug/L	6/17/2010	ND	
MW-19	d	Bromoform	75-25-2	ug/L	6/17/2010	ND	
MW-29	d	Bromoform	75-25-2	ug/L	6/17/2010	ND	
MW-30R	d	Bromoform	75-25-2	ug/L	6/17/2010	ND	
MW-31R	d	Bromoform	75-25-2	ug/L	6/17/2010	ND	
MW-51	d	Bromoform	75-25-2	ug/L	6/17/2010	ND	
MW-21	d	Bromoform	75-25-2	ug/L	7/21/2010	ND	
MW-54	d	Bromoform	75-25-2	ug/L	7/21/2010	ND	
MW-20	d	Bromoform	75-25-2	ug/L	8/17/2010	ND	
MW-29	d	Bromoform	75-25-2	ug/L	8/17/2010	ND	
MW-39	d	Bromoform	75-25-2	ug/L	8/17/2010	ND	
MW-51	d	Bromoform	75-25-2	ug/L	8/17/2010	ND	
GU-3A	d	Bromoform	75-25-2	ug/L	9/17/2010	ND	
MW-22R	d	Bromoform	75-25-2	ug/L	9/17/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-55	d	Bromoform	75-25-2	ug/L	9/17/2010	ND	
MW-19	d	Bromoform	75-25-2	ug/L	10/22/2010	ND	
MW-24R	u	Bromoform	75-25-2	ug/L	10/22/2010	ND	
MW-30R	d	Bromoform	75-25-2	ug/L	10/22/2010	ND	
MW-31R	d	Bromoform	75-25-2	ug/L	10/22/2010	ND	
MW-50	d	Bromoform	75-25-2	ug/L	10/22/2010	ND	
MW-53	d	Bromoform	75-25-2	ug/L	10/22/2010	ND	
MW-56	d	Bromoform	75-25-2	ug/L	10/22/2010	ND	
MW-58	d	Bromoform	75-25-2	ug/L	10/22/2010	ND	
MW-14R	d	Bromoform	75-25-2	ug/L	11/8/2010	ND	
MW-32R	d	Bromoform	75-25-2	ug/L	11/8/2010	ND	
MW-57	d	Bromoform	75-25-2	ug/L	11/8/2010	ND	
MW-28	d	Bromoform	75-25-2	ug/L	12/15/2010	ND	
MW-33R	d	Bromoform	75-25-2	ug/L	12/15/2010	ND	
MW-52	d	Bromoform	75-25-2	ug/L	12/15/2010	ND	
MW-54	d	Bromoform	75-25-2	ug/L	1/12/2011	ND	
MW-54	d	Bromoform	75-25-2	ug/L	1/12/2011	ND	
MW-20	d	Bromoform	75-25-2	ug/L	2/22/2011	ND	
MW-22R	d	Bromoform	75-25-2	ug/L	2/22/2011	ND	
MW-51	d	Bromoform	75-25-2	ug/L	2/22/2011	ND	
MW-52	d	Bromoform	75-25-2	ug/L	2/22/2011	ND	
MW-53	d	Bromoform	75-25-2	ug/L	2/22/2011	ND	
MW-55	d	Bromoform	75-25-2	ug/L	2/22/2011	ND	
GU-3A	d	Bromoform	75-25-2	ug/L	3/2/2011	ND	
MW-21	d	Bromoform	75-25-2	ug/L	3/2/2011	ND	
MW-21	d	Bromoform	75-25-2	ug/L	3/2/2011	ND	
MW-29	d	Bromoform	75-25-2	ug/L	4/21/2011	ND	
MW-30R	d	Bromoform	75-25-2	ug/L	4/21/2011	ND	
MW-31R	d	Bromoform	75-25-2	ug/L	4/21/2011	ND	
MW-31R	d	Bromoform	75-25-2	ug/L	4/21/2011	ND	
MW-32R	d	Bromoform	75-25-2	ug/L	4/21/2011	ND	
MW-54	d	Bromoform	75-25-2	ug/L	5/31/2011	ND	
MW-56	d	Bromoform	75-25-2	ug/L	5/31/2011	ND	
MW-57	d	Bromoform	75-25-2	ug/L	5/31/2011	ND	
MW-58	d	Bromoform	75-25-2	ug/L	5/31/2011	ND	
MW-14R	d	Bromoform	75-25-2	ug/L	6/7/2011	ND	
MW-14R	d	Bromoform	75-25-2	ug/L	6/7/2011	ND	
MW-19	d	Bromoform	75-25-2	ug/L	6/7/2011	ND	
MW-28	d	Bromoform	75-25-2	ug/L	6/7/2011	ND	
MW-33R	d	Bromoform	75-25-2	ug/L	6/7/2011	ND	
MW-39	d	Bromoform	75-25-2	ug/L	6/7/2011	ND	
MW-50	d	Bromoform	75-25-2	ug/L	6/7/2011	ND	
MW-52	d	Bromoform	75-25-2	ug/L	7/22/2011	ND	
MW-56	d	Bromoform	75-25-2	ug/L	7/22/2011	ND	
MW-58	d	Bromoform	75-25-2	ug/L	7/22/2011	ND	
MW-14R	d	Bromoform	75-25-2	ug/L	8/29/2011	ND	
MW-19	d	Bromoform	75-25-2	ug/L	8/29/2011	ND	
MW-19	d	Bromoform	75-25-2	ug/L	8/29/2011	ND	
MW-32R	d	Bromoform	75-25-2	ug/L	8/29/2011	ND	
GU-3A	d	Bromoform	75-25-2	ug/L	9/9/2011	ND	
MW-22R	d	Bromoform	75-25-2	ug/L	9/9/2011	ND	
MW-28	d	Bromoform	75-25-2	ug/L	9/9/2011	ND	
MW-29	d	Bromoform	75-25-2	ug/L	9/9/2011	ND	
MW-51	d	Bromoform	75-25-2	ug/L	9/9/2011	ND	
MW-53	d	Bromoform	75-25-2	ug/L	9/9/2011	ND	
MW-53	d	Bromoform	75-25-2	ug/L	9/9/2011	ND	
MW-21	d	Bromoform	75-25-2	ug/L	10/4/2011	ND	
MW-50	d	Bromoform	75-25-2	ug/L	10/4/2011	ND	
MW-50	d	Bromoform	75-25-2	ug/L	10/4/2011	ND	
MW-54	d	Bromoform	75-25-2	ug/L	10/4/2011	ND	
MW-57	d	Bromoform	75-25-2	ug/L	10/4/2011	ND	
MW-20	d	Bromoform	75-25-2	ug/L	11/29/2011	ND	
MW-30R	d	Bromoform	75-25-2	ug/L	11/29/2011	ND	
MW-52	d	Bromoform	75-25-2	ug/L	11/29/2011	ND	
MW-55	d	Bromoform	75-25-2	ug/L	11/29/2011	ND	
MW-31R	d	Bromoform	75-25-2	ug/L	12/16/2011	ND	
MW-33R	d	Bromoform	75-25-2	ug/L	12/16/2011	ND	
MW-39	d	Bromoform	75-25-2	ug/L	12/16/2011	ND	
MW-14R	d	Bromoform	75-25-2	ug/L	3/8/2012	ND	
MW-19	d	Bromoform	75-25-2	ug/L	3/8/2012	ND	
MW-20	d	Bromoform	75-25-2	ug/L	3/8/2012	ND	
MW-21	d	Bromoform	75-25-2	ug/L	3/8/2012	ND	
MW-22R	d	Bromoform	75-25-2	ug/L	3/8/2012	ND	
MW-28	d	Bromoform	75-25-2	ug/L	3/8/2012	ND	
MW-39	d	Bromoform	75-25-2	ug/L	3/8/2012	ND	
MW-55	d	Bromoform	75-25-2	ug/L	3/8/2012	ND	
MW-56	d	Bromoform	75-25-2	ug/L	3/8/2012	ND	
MW-57	d	Bromoform	75-25-2	ug/L	3/8/2012	ND	
MW-58	d	Bromoform	75-25-2	ug/L	3/8/2012	ND	
GU-3A	d	Bromoform	75-25-2	ug/L	6/13/2012	ND	
MW-29	d	Bromoform	75-25-2	ug/L	6/13/2012	ND	
MW-30R	d	Bromoform	75-25-2	ug/L	6/13/2012	ND	
MW-31R	d	Bromoform	75-25-2	ug/L	6/13/2012	ND	
MW-32R	d	Bromoform	75-25-2	ug/L	6/13/2012	ND	
MW-33R	d	Bromoform	75-25-2	ug/L	6/13/2012	ND	
MW-50	d	Bromoform	75-25-2	ug/L	6/13/2012	ND	
MW-50	d	Bromoform	75-25-2	ug/L	6/13/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-51	d	Bromoform	75-25-2	ug/L	6/13/2012	ND	
MW-52	d	Bromoform	75-25-2	ug/L	6/13/2012	ND	
MW-53	d	Bromoform	75-25-2	ug/L	6/13/2012	ND	
MW-54	d	Bromoform	75-25-2	ug/L	6/13/2012	ND	
GU-3A	d	Bromoform	75-25-2	ug/L	9/4/2012	ND	
MW-20	d	Bromoform	75-25-2	ug/L	9/4/2012	ND	
MW-21	d	Bromoform	75-25-2	ug/L	9/4/2012	ND	
MW-22R	d	Bromoform	75-25-2	ug/L	9/4/2012	ND	
MW-50	d	Bromoform	75-25-2	ug/L	9/4/2012	ND	
MW-51	d	Bromoform	75-25-2	ug/L	9/4/2012	ND	
MW-52	d	Bromoform	75-25-2	ug/L	9/4/2012	ND	
MW-53	d	Bromoform	75-25-2	ug/L	9/4/2012	ND	
MW-54	d	Bromoform	75-25-2	ug/L	9/4/2012	ND	
MW-54	d	Bromoform	75-25-2	ug/L	9/4/2012	ND	
MW-57	d	Bromoform	75-25-2	ug/L	9/4/2012	ND	
MW-58	d	Bromoform	75-25-2	ug/L	9/4/2012	ND	
MW-14R	d	Bromoform	75-25-2	ug/L	12/19/2012	ND	
MW-19	d	Bromoform	75-25-2	ug/L	12/19/2012	ND	
MW-28	d	Bromoform	75-25-2	ug/L	12/19/2012	ND	
MW-29	d	Bromoform	75-25-2	ug/L	12/19/2012	ND	
MW-30R	d	Bromoform	75-25-2	ug/L	12/19/2012	ND	
MW-31R	d	Bromoform	75-25-2	ug/L	12/19/2012	ND	
MW-32R	d	Bromoform	75-25-2	ug/L	12/19/2012	ND	
MW-33R	d	Bromoform	75-25-2	ug/L	12/19/2012	ND	
MW-33R	d	Bromoform	75-25-2	ug/L	12/19/2012	ND	
MW-39	d	Bromoform	75-25-2	ug/L	12/19/2012	ND	
MW-55	d	Bromoform	75-25-2	ug/L	12/19/2012	ND	
MW-56	d	Bromoform	75-25-2	ug/L	12/19/2012	ND	
MW-14R	d	Bromoform	75-25-2	ug/L	3/11/2013	ND	
MW-19	d	Bromoform	75-25-2	ug/L	3/11/2013	ND	
MW-28	d	Bromoform	75-25-2	ug/L	3/11/2013	ND	
MW-39	d	Bromoform	75-25-2	ug/L	3/11/2013	ND	
MW-50	d	Bromoform	75-25-2	ug/L	3/11/2013	ND	
MW-50	d	Bromoform	75-25-2	ug/L	3/11/2013	ND	
MW-51	d	Bromoform	75-25-2	ug/L	3/11/2013	ND	
MW-52	d	Bromoform	75-25-2	ug/L	3/11/2013	ND	
MW-53	d	Bromoform	75-25-2	ug/L	3/11/2013	ND	
MW-54	d	Bromoform	75-25-2	ug/L	3/11/2013	ND	
MW-55	d	Bromoform	75-25-2	ug/L	3/11/2013	ND	
MW-56	d	Bromoform	75-25-2	ug/L	3/11/2013	ND	
MW-20	d	Bromoform	75-25-2	ug/L	6/10/2013	ND	
MW-20	d	Bromoform	75-25-2	ug/L	6/10/2013	ND	
MW-21	d	Bromoform	75-25-2	ug/L	6/10/2013	ND	
MW-22R	d	Bromoform	75-25-2	ug/L	6/10/2013	ND	
MW-29	d	Bromoform	75-25-2	ug/L	6/10/2013	ND	
MW-30R	d	Bromoform	75-25-2	ug/L	6/10/2013	ND	
MW-31R	d	Bromoform	75-25-2	ug/L	6/10/2013	ND	
MW-32R	d	Bromoform	75-25-2	ug/L	6/10/2013	ND	
MW-33R	d	Bromoform	75-25-2	ug/L	6/10/2013	ND	
MW-57	d	Bromoform	75-25-2	ug/L	6/10/2013	ND	
MW-58	d	Bromoform	75-25-2	ug/L	6/10/2013	ND	
GU-3A	d	Bromoform	75-25-2	ug/L	9/10/2013	ND	
MW-31R	d	Bromoform	75-25-2	ug/L	9/10/2013	ND	
MW-31R	d	Bromoform	75-25-2	ug/L	9/10/2013	ND	
MW-32R	d	Bromoform	75-25-2	ug/L	9/10/2013	ND	
MW-33R	d	Bromoform	75-25-2	ug/L	9/10/2013	ND	
MW-50	d	Bromoform	75-25-2	ug/L	9/10/2013	ND	
MW-51	d	Bromoform	75-25-2	ug/L	9/10/2013	ND	
MW-52	d	Bromoform	75-25-2	ug/L	9/10/2013	ND	
MW-53	d	Bromoform	75-25-2	ug/L	9/10/2013	ND	
MW-54	d	Bromoform	75-25-2	ug/L	9/10/2013	ND	
MW-14R	d	Bromoform	75-25-2	ug/L	12/18/2013	ND	
MW-18	d	Bromoform	75-25-2	ug/L	12/18/2013	ND	
MW-19	d	Bromoform	75-25-2	ug/L	12/18/2013	ND	
MW-20	d	Bromoform	75-25-2	ug/L	12/18/2013	ND	
MW-21	d	Bromoform	75-25-2	ug/L	12/18/2013	ND	
MW-22R	d	Bromoform	75-25-2	ug/L	12/18/2013	ND	
MW-28	d	Bromoform	75-25-2	ug/L	12/18/2013	ND	
MW-30R	d	Bromoform	75-25-2	ug/L	12/18/2013	ND	
MW-39	d	Bromoform	75-25-2	ug/L	12/18/2013	ND	
MW-39	d	Bromoform	75-25-2	ug/L	12/18/2013	ND	
MW-55	d	Bromoform	75-25-2	ug/L	12/18/2013	ND	
MW-18	d	Bromoform	75-25-2	ug/L	3/20/2014	ND	
MW-20	d	Bromoform	75-25-2	ug/L	3/20/2014	ND	
MW-21	d	Bromoform	75-25-2	ug/L	3/20/2014	ND	
MW-21	d	Bromoform	75-25-2	ug/L	3/20/2014	ND	
MW-22R	d	Bromoform	75-25-2	ug/L	3/20/2014	ND	
MW-30R	d	Bromoform	75-25-2	ug/L	3/20/2014	ND	
MW-31R	d	Bromoform	75-25-2	ug/L	3/20/2014	ND	
MW-32R	d	Bromoform	75-25-2	ug/L	3/20/2014	ND	
MW-33R	d	Bromoform	75-25-2	ug/L	3/20/2014	ND	
MW-14R	d	Bromoform	75-25-2	ug/L	6/24/2014	ND	
MW-14R	d	Bromoform	75-25-2	ug/L	6/24/2014	ND	
MW-18	d	Bromoform	75-25-2	ug/L	6/24/2014	ND	
MW-19	d	Bromoform	75-25-2	ug/L	6/24/2014	ND	
MW-28	d	Bromoform	75-25-2	ug/L	6/24/2014	ND	
MW-39	d	Bromoform	75-25-2	ug/L	6/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	Bromoform	75-25-2	ug/L	6/24/2014	ND	
MW-51	d	Bromoform	75-25-2	ug/L	6/24/2014	ND	
MW-52	d	Bromoform	75-25-2	ug/L	6/24/2014	ND	
MW-53	d	Bromoform	75-25-2	ug/L	6/24/2014	ND	
MW-54	d	Bromoform	75-25-2	ug/L	6/24/2014	ND	
MW-55	d	Bromoform	75-25-2	ug/L	6/24/2014	ND	
MW-58	d	Bromoform	75-25-2	ug/L	6/24/2014	ND	
MW-29	d	Bromoform	75-25-2	ug/L	7/24/2014	ND	
MW-56	d	Bromoform	75-25-2	ug/L	7/24/2014	ND	
MW-57	d	Bromoform	75-25-2	ug/L	7/24/2014	ND	
GU-3A	d	Bromoform	75-25-2	ug/L	9/24/2014	ND	
MW-18	d	Bromoform	75-25-2	ug/L	9/24/2014	ND	
MW-29	d	Bromoform	75-25-2	ug/L	9/24/2014	ND	
MW-30R	d	Bromoform	75-25-2	ug/L	9/24/2014	ND	
MW-31R	d	Bromoform	75-25-2	ug/L	9/24/2014	ND	
MW-31R	d	Bromoform	75-25-2	ug/L	9/24/2014	ND	
MW-32R	d	Bromoform	75-25-2	ug/L	9/24/2014	ND	
MW-33R	d	Bromoform	75-25-2	ug/L	9/24/2014	ND	
MW-50	d	Bromoform	75-25-2	ug/L	9/24/2014	ND	
MW-51	d	Bromoform	75-25-2	ug/L	9/24/2014	ND	
MW-52	d	Bromoform	75-25-2	ug/L	9/24/2014	ND	
MW-53	d	Bromoform	75-25-2	ug/L	9/24/2014	ND	
MW-54	d	Bromoform	75-25-2	ug/L	9/24/2014	ND	
MW-14R	d	Bromoform	75-25-2	ug/L	12/4/2014	ND	
MW-18	d	Bromoform	75-25-2	ug/L	12/4/2014	ND	
MW-19	d	Bromoform	75-25-2	ug/L	12/4/2014	ND	
MW-20	d	Bromoform	75-25-2	ug/L	12/4/2014	ND	
MW-21	d	Bromoform	75-25-2	ug/L	12/4/2014	ND	
MW-22R	d	Bromoform	75-25-2	ug/L	12/4/2014	ND	
MW-28	d	Bromoform	75-25-2	ug/L	12/4/2014	ND	
MW-39	d	Bromoform	75-25-2	ug/L	12/4/2014	ND	
MW-56	d	Bromoform	75-25-2	ug/L	12/4/2014	ND	
MW-57	d	Bromoform	75-25-2	ug/L	12/4/2014	ND	
MW-57	d	Bromoform	75-25-2	ug/L	12/4/2014	ND	
MW-58	d	Bromoform	75-25-2	ug/L	12/4/2014	ND	
MW-14R	d	Bromoform	75-25-2	ug/L	3/11/2015	ND	
MW-18	d	Bromoform	75-25-2	ug/L	3/11/2015	ND	
MW-19	d	Bromoform	75-25-2	ug/L	3/11/2015	ND	
MW-20	d	Bromoform	75-25-2	ug/L	3/11/2015	ND	
MW-21	d	Bromoform	75-25-2	ug/L	3/11/2015	ND	
MW-22R	d	Bromoform	75-25-2	ug/L	3/11/2015	ND	
MW-28	d	Bromoform	75-25-2	ug/L	3/11/2015	ND	
MW-39	d	Bromoform	75-25-2	ug/L	3/11/2015	ND	
MW-55	d	Bromoform	75-25-2	ug/L	3/11/2015	ND	
MW-56	d	Bromoform	75-25-2	ug/L	3/11/2015	ND	
MW-57	d	Bromoform	75-25-2	ug/L	3/11/2015	ND	
MW-58	d	Bromoform	75-25-2	ug/L	3/11/2015	ND	
MW-58	d	Bromoform	75-25-2	ug/L	3/11/2015	ND	
MW-29	d	Bromoform	75-25-2	ug/L	6/29/2015	ND	
MW-30R	d	Bromoform	75-25-2	ug/L	6/29/2015	ND	
MW-31R	d	Bromoform	75-25-2	ug/L	6/29/2015	ND	
MW-31R	d	Bromoform	75-25-2	ug/L	6/29/2015	ND	
MW-32R	d	Bromoform	75-25-2	ug/L	6/29/2015	ND	
MW-33R	d	Bromoform	75-25-2	ug/L	6/29/2015	ND	
MW-50	d	Bromoform	75-25-2	ug/L	6/29/2015	ND	
MW-51	d	Bromoform	75-25-2	ug/L	6/29/2015	ND	
MW-52	d	Bromoform	75-25-2	ug/L	6/29/2015	ND	
MW-53	d	Bromoform	75-25-2	ug/L	6/29/2015	ND	
MW-54	d	Bromoform	75-25-2	ug/L	6/29/2015	ND	
GU-3A	d	Bromoform	75-25-2	ug/L	9/22/2015	ND	
MW-14R	d	Bromoform	75-25-2	ug/L	2/15/2016	ND	
MW-14R	d	Bromoform	75-25-2	ug/L	2/15/2016	ND	
MW-18	d	Bromoform	75-25-2	ug/L	2/15/2016	ND	
MW-19	d	Bromoform	75-25-2	ug/L	2/15/2016	ND	
MW-39	d	Bromoform	75-25-2	ug/L	2/15/2016	ND	
MW-20	d	Bromoform	75-25-2	ug/L	2/16/2016	ND	
MW-21	d	Bromoform	75-25-2	ug/L	2/16/2016	ND	
MW-55	d	Bromoform	75-25-2	ug/L	2/16/2016	ND	
MW-56	d	Bromoform	75-25-2	ug/L	2/16/2016	ND	
MW-57	d	Bromoform	75-25-2	ug/L	2/16/2016	ND	
MW-58	d	Bromoform	75-25-2	ug/L	2/16/2016	ND	
MW-22R	d	Bromoform	75-25-2	ug/L	2/17/2016	ND	
MW-28	d	Bromoform	75-25-2	ug/L	8/25/2016	ND	
MW-29	d	Bromoform	75-25-2	ug/L	8/25/2016	ND	
MW-30R	d	Bromoform	75-25-2	ug/L	8/25/2016	ND	
MW-31R	d	Bromoform	75-25-2	ug/L	8/25/2016	ND	
MW-32R	d	Bromoform	75-25-2	ug/L	8/25/2016	ND	
MW-33R	d	Bromoform	75-25-2	ug/L	8/25/2016	ND	
MW-50	d	Bromoform	75-25-2	ug/L	8/25/2016	ND	
MW-51	d	Bromoform	75-25-2	ug/L	8/25/2016	ND	
MW-52	d	Bromoform	75-25-2	ug/L	8/25/2016	ND	
MW-53	d	Bromoform	75-25-2	ug/L	8/25/2016	ND	
MW-54	d	Bromoform	75-25-2	ug/L	8/25/2016	ND	
GU-3A	d	Bromoform	75-25-2	ug/L	8/26/2016	ND	
MW-18	d	Bromoform	75-25-2	ug/L	1/17/2017	ND	
MW-19	d	Bromoform	75-25-2	ug/L	1/17/2017	ND	
MW-22R	d	Bromoform	75-25-2	ug/L	1/17/2017	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-28	d	Bromoform	75-25-2	ug/L	1/17/2017	ND	
MW-28	d	Bromoform	75-25-2	ug/L	1/17/2017	ND	
MW-39	d	Bromoform	75-25-2	ug/L	1/17/2017	ND	
MW-50	d	Bromoform	75-25-2	ug/L	1/17/2017	ND	
MW-51	d	Bromoform	75-25-2	ug/L	1/17/2017	ND	
MW-53	d	Bromoform	75-25-2	ug/L	1/17/2017	ND	
MW-54	d	Bromoform	75-25-2	ug/L	1/17/2017	ND	
MW-56	d	Bromoform	75-25-2	ug/L	1/17/2017	ND	
GU-3A	d	Bromoform	75-25-2	ug/L	7/10/2017	ND	
MW-14R	d	Bromoform	75-25-2	ug/L	7/10/2017	ND	
MW-20	d	Bromoform	75-25-2	ug/L	7/10/2017	ND	
MW-21	d	Bromoform	75-25-2	ug/L	7/10/2017	ND	
MW-29	d	Bromoform	75-25-2	ug/L	7/10/2017	ND	
MW-30R	d	Bromoform	75-25-2	ug/L	7/10/2017	ND	
MW-31R	d	Bromoform	75-25-2	ug/L	7/10/2017	ND	
MW-32R	d	Bromoform	75-25-2	ug/L	7/10/2017	ND	
MW-32R	d	Bromoform	75-25-2	ug/L	7/10/2017	ND	
MW-33R	d	Bromoform	75-25-2	ug/L	7/10/2017	ND	
MW-57	d	Bromoform	75-25-2	ug/L	7/10/2017	ND	
MW-58	d	Bromoform	75-25-2	ug/L	7/10/2017	ND	
MW-52	d	Bromoform	75-25-2	ug/L	10/17/2017	ND	
MW-55	d	Bromoform	75-25-2	ug/L	10/17/2017	ND	
GU-3A	d	Bromoform	75-25-2	ug/L	4/3/2018	ND	
GU-3A	d	Bromoform	75-25-2	ug/L	4/3/2018	ND	
MW-14R	d	Bromoform	75-25-2	ug/L	4/3/2018	ND	
MW-20	d	Bromoform	75-25-2	ug/L	4/3/2018	ND	
MW-21	d	Bromoform	75-25-2	ug/L	4/3/2018	ND	
MW-29	d	Bromoform	75-25-2	ug/L	4/3/2018	ND	
MW-30R	d	Bromoform	75-25-2	ug/L	4/3/2018	ND	
MW-31R	d	Bromoform	75-25-2	ug/L	4/3/2018	ND	
MW-32R	d	Bromoform	75-25-2	ug/L	4/3/2018	ND	
MW-33R	d	Bromoform	75-25-2	ug/L	4/3/2018	ND	
MW-33R	d	Bromoform	75-25-2	ug/L	4/3/2018	ND	
MW-57	d	Bromoform	75-25-2	ug/L	4/3/2018	ND	
MW-58	d	Bromoform	75-25-2	ug/L	4/3/2018	ND	
MW-39	d	Bromoform	75-25-2	ug/L	11/1/2018	ND	
MW-50	d	Bromoform	75-25-2	ug/L	11/1/2018	ND	
MW-51	d	Bromoform	75-25-2	ug/L	11/1/2018	ND	
MW-52	d	Bromoform	75-25-2	ug/L	11/1/2018	ND	
MW-53	d	Bromoform	75-25-2	ug/L	11/1/2018	ND	
MW-54	d	Bromoform	75-25-2	ug/L	11/1/2018	ND	
MW-55	d	Bromoform	75-25-2	ug/L	11/1/2018	ND	
MW-18	d	Bromoform	75-25-2	ug/L	11/2/2018	ND	
MW-19	d	Bromoform	75-25-2	ug/L	11/2/2018	ND	
MW-22R	d	Bromoform	75-25-2	ug/L	11/2/2018	ND	
MW-28	d	Bromoform	75-25-2	ug/L	11/2/2018	ND	
MW-56	d	Bromoform	75-25-2	ug/L	11/2/2018	NDH	
MW-18	d	Bromoform	75-25-2	ug/L	5/16/2019	ND	
MW-19	d	Bromoform	75-25-2	ug/L	5/16/2019	ND	
MW-23	u	Bromoform	75-25-2	ug/L	5/16/2019	ND	
MW-24R	u	Bromoform	75-25-2	ug/L	5/16/2019	ND	
MW-28	d	Bromoform	75-25-2	ug/L	5/16/2019	ND	
MW-55	d	Bromoform	75-25-2	ug/L	5/16/2019	ND	
MW-50	d	Bromoform	75-25-2	ug/L	5/20/2019	ND	
MW-51	d	Bromoform	75-25-2	ug/L	5/20/2019	ND	
MW-52	d	Bromoform	75-25-2	ug/L	5/20/2019	ND	
MW-54	d	Bromoform	75-25-2	ug/L	5/20/2019	ND	
MW-56	d	Bromoform	75-25-2	ug/L	5/20/2019	ND	
MW-53	d	Bromoform	75-25-2	ug/L	5/21/2019	ND	
MW-14R	d	Bromoform	75-25-2	ug/L	9/11/2019	ND	
MW-29	d	Bromoform	75-25-2	ug/L	9/11/2019	ND	
MW-30R	d	Bromoform	75-25-2	ug/L	9/11/2019	ND	
MW-33R	d	Bromoform	75-25-2	ug/L	9/11/2019	ND	
MW-58	d	Bromoform	75-25-2	ug/L	9/11/2019	ND	
GU-3A	d	Bromoform	75-25-2	ug/L	3/16/2020	ND	
MW-33R	d	Bromoform	75-25-2	ug/L	3/16/2020	ND	
MW-14R	d	Bromoform	75-25-2	ug/L	3/17/2020	ND	
MW-29	d	Bromoform	75-25-2	ug/L	3/17/2020	ND	
MW-30R	d	Bromoform	75-25-2	ug/L	3/17/2020	ND	
MW-58	d	Bromoform	75-25-2	ug/L	3/17/2020	ND	
MW-19	d	Bromoform	75-25-2	ug/L	7/20/2020	ND	
MW-28	d	Bromoform	75-25-2	ug/L	7/20/2020	ND	
MW-51	d	Bromoform	75-25-2	ug/L	7/20/2020	ND	
MW-55	d	Bromoform	75-25-2	ug/L	7/20/2020	ND	
MW-56	d	Bromoform	75-25-2	ug/L	7/20/2020	ND	
MW-57R	d	Bromoform	75-25-2	ug/L	7/20/2020	ND	
MW-73	d	Bromoform	75-25-2	ug/L	7/20/2020	ND	
MW-18	d	Bromoform	75-25-2	ug/L	7/21/2020	ND	
MW-50	d	Bromoform	75-25-2	ug/L	7/21/2020	ND	
MW-52	d	Bromoform	75-25-2	ug/L	7/21/2020	ND	
MW-53	d	Bromoform	75-25-2	ug/L	7/21/2020	ND	
MW-54	d	Bromoform	75-25-2	ug/L	7/21/2020	ND	
MW-23	u	Bromoform	75-25-2	ug/L	7/22/2020	ND	
MW-24R	u	Bromoform	75-25-2	ug/L	7/22/2020	ND	
MW-55	d	Bromoform	75-25-2	ug/L	11/12/2020	ND	
MW-33R	d	Bromoform	75-25-2	ug/L	8/24/2021		<5.00
MW-14R	d	Bromoform	75-25-2	ug/L	8/24/2021		<5.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Bromoform	75-25-2	ug/L	8/25/2021		<5.00
MW-58	d	Bromoform	75-25-2	ug/L	8/25/2021		<5.00
MW-30R	d	Bromoform	75-25-2	ug/L	8/25/2021		<5.00
MW-68	d	Bromoform	75-25-2	ug/L	8/25/2021		<5.00
MW-69	d	Bromoform	75-25-2	ug/L	8/25/2021		<5.00
MW-70	d	Bromoform	75-25-2	ug/L	8/26/2021		<5.00
MW-57R	d	Bromoform	75-25-2	ug/L	8/26/2021		<5.00
PZ-13	d	Bromoform	75-25-2	ug/L	8/27/2021		<5.00
MW-73	d	Bromoform	75-25-2	ug/L	8/27/2021		<5.00
GU-3A	d	Bromoform	75-25-2	ug/L	9/8/2021		<5.00
MW-24R	u	Bromoform	75-25-2	ug/L	12/7/2021		<5.00
MW-28	d	Bromoform	75-25-2	ug/L	12/7/2021		<5.00
MW-57R	d	Bromoform	75-25-2	ug/L	12/7/2021		<5.00
MW-73	d	Bromoform	75-25-2	ug/L	12/7/2021		<5.00
MW-56	d	Bromoform	75-25-2	ug/L	12/7/2021		<5.00
MW-19	d	Bromoform	75-25-2	ug/L	12/7/2021		<5.00
MW-18	d	Bromoform	75-25-2	ug/L	12/7/2021		<5.00
MW-55	d	Bromoform	75-25-2	ug/L	12/7/2021		<5.00
MW-50	d	Bromoform	75-25-2	ug/L	12/7/2021		<5.00
MW-23	u	Bromoform	75-25-2	ug/L	12/8/2021		<5.00
MW-39	d	Bromoform	75-25-2	ug/L	12/8/2021		<5.00
MW-51	d	Bromoform	75-25-2	ug/L	12/8/2021		<5.00
MW-52	d	Bromoform	75-25-2	ug/L	12/8/2021		<5.00
MW-53	d	Bromoform	75-25-2	ug/L	12/8/2021		<5.00
MW-54	d	Bromoform	75-25-2	ug/L	12/8/2021		<5.00
MW-51	d	Bromomethane	74-83-9	ug/L	1/15/2010	ND	
MW-24R	u	Bromomethane	74-83-9	ug/L	2/11/2010	ND	
MW-53	d	Bromomethane	74-83-9	ug/L	2/11/2010	ND	
GU-3A	d	Bromomethane	74-83-9	ug/L	3/24/2010	ND	
MW-20	d	Bromomethane	74-83-9	ug/L	3/24/2010	ND	
MW-21	d	Bromomethane	74-83-9	ug/L	3/24/2010	ND	
MW-22R	d	Bromomethane	74-83-9	ug/L	3/24/2010	ND	
MW-52	d	Bromomethane	74-83-9	ug/L	3/24/2010	ND	
MW-54	d	Bromomethane	74-83-9	ug/L	3/24/2010	ND	
MW-55	d	Bromomethane	74-83-9	ug/L	3/24/2010	ND	
MW-28	d	Bromomethane	74-83-9	ug/L	4/9/2010	ND	
MW-33R	d	Bromomethane	74-83-9	ug/L	4/9/2010	ND	
MW-50	d	Bromomethane	74-83-9	ug/L	4/9/2010	ND	
MW-56	d	Bromomethane	74-83-9	ug/L	4/9/2010	ND	
MW-57	d	Bromomethane	74-83-9	ug/L	4/9/2010	ND	
MW-58	d	Bromomethane	74-83-9	ug/L	4/9/2010	ND	
MW-32R	d	Bromomethane	74-83-9	ug/L	5/18/2010	ND	
MW-14R	d	Bromomethane	74-83-9	ug/L	6/17/2010	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	6/17/2010	ND	
MW-29	d	Bromomethane	74-83-9	ug/L	6/17/2010	ND	
MW-30R	d	Bromomethane	74-83-9	ug/L	6/17/2010	ND	
MW-31R	d	Bromomethane	74-83-9	ug/L	6/17/2010	ND	
MW-51	d	Bromomethane	74-83-9	ug/L	6/17/2010	ND	
MW-21	d	Bromomethane	74-83-9	ug/L	7/21/2010	ND	
MW-54	d	Bromomethane	74-83-9	ug/L	7/21/2010	ND	
MW-20	d	Bromomethane	74-83-9	ug/L	8/17/2010	ND	
MW-29	d	Bromomethane	74-83-9	ug/L	8/17/2010	ND	
MW-39	d	Bromomethane	74-83-9	ug/L	8/17/2010	ND	
MW-51	d	Bromomethane	74-83-9	ug/L	8/17/2010	ND	
GU-3A	d	Bromomethane	74-83-9	ug/L	9/17/2010	ND	
MW-22R	d	Bromomethane	74-83-9	ug/L	9/17/2010	ND	
MW-55	d	Bromomethane	74-83-9	ug/L	9/17/2010	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	10/22/2010	ND	
MW-24R	u	Bromomethane	74-83-9	ug/L	10/22/2010	ND	
MW-30R	d	Bromomethane	74-83-9	ug/L	10/22/2010	ND	
MW-31R	d	Bromomethane	74-83-9	ug/L	10/22/2010	ND	
MW-50	d	Bromomethane	74-83-9	ug/L	10/22/2010	ND	
MW-53	d	Bromomethane	74-83-9	ug/L	10/22/2010	ND	
MW-56	d	Bromomethane	74-83-9	ug/L	10/22/2010	ND	
MW-58	d	Bromomethane	74-83-9	ug/L	10/22/2010	ND	
MW-14R	d	Bromomethane	74-83-9	ug/L	11/8/2010	ND	
MW-32R	d	Bromomethane	74-83-9	ug/L	11/8/2010	ND	
MW-57	d	Bromomethane	74-83-9	ug/L	11/8/2010	ND	
MW-28	d	Bromomethane	74-83-9	ug/L	12/15/2010	ND	
MW-33R	d	Bromomethane	74-83-9	ug/L	12/15/2010	ND	
MW-52	d	Bromomethane	74-83-9	ug/L	12/15/2010	ND	
MW-54	d	Bromomethane	74-83-9	ug/L	1/12/2011	ND	
MW-54	d	Bromomethane	74-83-9	ug/L	1/12/2011	ND	
MW-20	d	Bromomethane	74-83-9	ug/L	2/22/2011	ND	
MW-22R	d	Bromomethane	74-83-9	ug/L	2/22/2011	ND	
MW-51	d	Bromomethane	74-83-9	ug/L	2/22/2011	ND	
MW-52	d	Bromomethane	74-83-9	ug/L	2/22/2011	ND	
MW-53	d	Bromomethane	74-83-9	ug/L	2/22/2011	ND	
MW-55	d	Bromomethane	74-83-9	ug/L	2/22/2011	ND	
GU-3A	d	Bromomethane	74-83-9	ug/L	3/2/2011	ND	
MW-21	d	Bromomethane	74-83-9	ug/L	3/2/2011	ND	
MW-21	d	Bromomethane	74-83-9	ug/L	3/2/2011	ND	
MW-29	d	Bromomethane	74-83-9	ug/L	4/21/2011	ND	
MW-30R	d	Bromomethane	74-83-9	ug/L	4/21/2011	ND	
MW-31R	d	Bromomethane	74-83-9	ug/L	4/21/2011	ND	
MW-31R	d	Bromomethane	74-83-9	ug/L	4/21/2011	ND	
MW-32R	d	Bromomethane	74-83-9	ug/L	4/21/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-54	d	Bromomethane	74-83-9	ug/L	5/31/2011	ND	
MW-56	d	Bromomethane	74-83-9	ug/L	5/31/2011	ND	
MW-57	d	Bromomethane	74-83-9	ug/L	5/31/2011	ND	
MW-58	d	Bromomethane	74-83-9	ug/L	5/31/2011	ND	
MW-14R	d	Bromomethane	74-83-9	ug/L	6/7/2011	ND	
MW-14R	d	Bromomethane	74-83-9	ug/L	6/7/2011	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	6/7/2011	ND	
MW-28	d	Bromomethane	74-83-9	ug/L	6/7/2011	ND	
MW-33R	d	Bromomethane	74-83-9	ug/L	6/7/2011	ND	
MW-39	d	Bromomethane	74-83-9	ug/L	6/7/2011	ND	
MW-50	d	Bromomethane	74-83-9	ug/L	6/7/2011	ND	
MW-52	d	Bromomethane	74-83-9	ug/L	7/22/2011	ND	
MW-56	d	Bromomethane	74-83-9	ug/L	7/22/2011	ND	
MW-58	d	Bromomethane	74-83-9	ug/L	7/22/2011	ND	
MW-14R	d	Bromomethane	74-83-9	ug/L	8/29/2011	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	8/29/2011	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	8/29/2011	ND	
MW-32R	d	Bromomethane	74-83-9	ug/L	8/29/2011	ND	
GU-3A	d	Bromomethane	74-83-9	ug/L	9/9/2011	ND	
MW-22R	d	Bromomethane	74-83-9	ug/L	9/9/2011	ND	
MW-28	d	Bromomethane	74-83-9	ug/L	9/9/2011	ND	
MW-29	d	Bromomethane	74-83-9	ug/L	9/9/2011	ND	
MW-51	d	Bromomethane	74-83-9	ug/L	9/9/2011	ND	
MW-53	d	Bromomethane	74-83-9	ug/L	9/9/2011	ND	
MW-53	d	Bromomethane	74-83-9	ug/L	9/9/2011	ND	
MW-21	d	Bromomethane	74-83-9	ug/L	10/4/2011	ND	
MW-50	d	Bromomethane	74-83-9	ug/L	10/4/2011	ND	
MW-50	d	Bromomethane	74-83-9	ug/L	10/4/2011	ND	
MW-54	d	Bromomethane	74-83-9	ug/L	10/4/2011	ND	
MW-57	d	Bromomethane	74-83-9	ug/L	10/4/2011	ND	
MW-20	d	Bromomethane	74-83-9	ug/L	11/29/2011	ND	
MW-30R	d	Bromomethane	74-83-9	ug/L	11/29/2011	ND	
MW-52	d	Bromomethane	74-83-9	ug/L	11/29/2011	ND	
MW-55	d	Bromomethane	74-83-9	ug/L	11/29/2011	ND	
MW-31R	d	Bromomethane	74-83-9	ug/L	12/16/2011	ND	
MW-33R	d	Bromomethane	74-83-9	ug/L	12/16/2011	ND	
MW-39	d	Bromomethane	74-83-9	ug/L	12/16/2011	ND	
MW-14R	d	Bromomethane	74-83-9	ug/L	3/8/2012	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	3/8/2012	ND	
MW-20	d	Bromomethane	74-83-9	ug/L	3/8/2012	ND	
MW-21	d	Bromomethane	74-83-9	ug/L	3/8/2012	ND	
MW-22R	d	Bromomethane	74-83-9	ug/L	3/8/2012	ND	
MW-28	d	Bromomethane	74-83-9	ug/L	3/8/2012	ND	
MW-39	d	Bromomethane	74-83-9	ug/L	3/8/2012	ND	
MW-55	d	Bromomethane	74-83-9	ug/L	3/8/2012	ND	
MW-56	d	Bromomethane	74-83-9	ug/L	3/8/2012	ND	
MW-57	d	Bromomethane	74-83-9	ug/L	3/8/2012	ND	
MW-58	d	Bromomethane	74-83-9	ug/L	3/8/2012	ND	
GU-3A	d	Bromomethane	74-83-9	ug/L	6/13/2012	ND	
MW-29	d	Bromomethane	74-83-9	ug/L	6/13/2012	ND	
MW-30R	d	Bromomethane	74-83-9	ug/L	6/13/2012	ND	
MW-31R	d	Bromomethane	74-83-9	ug/L	6/13/2012	ND	
MW-32R	d	Bromomethane	74-83-9	ug/L	6/13/2012	ND	
MW-33R	d	Bromomethane	74-83-9	ug/L	6/13/2012	ND	
MW-50	d	Bromomethane	74-83-9	ug/L	6/13/2012	ND	
MW-50	d	Bromomethane	74-83-9	ug/L	6/13/2012	ND	
MW-51	d	Bromomethane	74-83-9	ug/L	6/13/2012	ND	
MW-52	d	Bromomethane	74-83-9	ug/L	6/13/2012	ND	
MW-53	d	Bromomethane	74-83-9	ug/L	6/13/2012	ND	
MW-54	d	Bromomethane	74-83-9	ug/L	6/13/2012	ND	
GU-3A	d	Bromomethane	74-83-9	ug/L	9/4/2012	ND	
MW-20	d	Bromomethane	74-83-9	ug/L	9/4/2012	ND	
MW-21	d	Bromomethane	74-83-9	ug/L	9/4/2012	ND	
MW-22R	d	Bromomethane	74-83-9	ug/L	9/4/2012	ND	
MW-50	d	Bromomethane	74-83-9	ug/L	9/4/2012	ND	
MW-51	d	Bromomethane	74-83-9	ug/L	9/4/2012	ND	
MW-52	d	Bromomethane	74-83-9	ug/L	9/4/2012	ND	
MW-53	d	Bromomethane	74-83-9	ug/L	9/4/2012	ND	
MW-54	d	Bromomethane	74-83-9	ug/L	9/4/2012	ND	
MW-54	d	Bromomethane	74-83-9	ug/L	9/4/2012	ND	
MW-57	d	Bromomethane	74-83-9	ug/L	9/4/2012	ND	
MW-58	d	Bromomethane	74-83-9	ug/L	9/4/2012	ND	
MW-14R	d	Bromomethane	74-83-9	ug/L	12/19/2012	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	12/19/2012	ND	
MW-28	d	Bromomethane	74-83-9	ug/L	12/19/2012	ND	
MW-29	d	Bromomethane	74-83-9	ug/L	12/19/2012	ND	
MW-30R	d	Bromomethane	74-83-9	ug/L	12/19/2012	ND	
MW-31R	d	Bromomethane	74-83-9	ug/L	12/19/2012	ND	
MW-32R	d	Bromomethane	74-83-9	ug/L	12/19/2012	ND	
MW-33R	d	Bromomethane	74-83-9	ug/L	12/19/2012	ND	
MW-33R	d	Bromomethane	74-83-9	ug/L	12/19/2012	ND	
MW-39	d	Bromomethane	74-83-9	ug/L	12/19/2012	ND	
MW-55	d	Bromomethane	74-83-9	ug/L	12/19/2012	ND	
MW-56	d	Bromomethane	74-83-9	ug/L	12/19/2012	ND	
MW-14R	d	Bromomethane	74-83-9	ug/L	3/11/2013	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	3/11/2013	ND	
MW-28	d	Bromomethane	74-83-9	ug/L	3/11/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	Bromomethane	74-83-9	ug/L	3/11/2013	ND	
MW-50	d	Bromomethane	74-83-9	ug/L	3/11/2013	ND	
MW-50	d	Bromomethane	74-83-9	ug/L	3/11/2013	ND	
MW-51	d	Bromomethane	74-83-9	ug/L	3/11/2013	ND	
MW-52	d	Bromomethane	74-83-9	ug/L	3/11/2013	ND	
MW-53	d	Bromomethane	74-83-9	ug/L	3/11/2013	ND	
MW-54	d	Bromomethane	74-83-9	ug/L	3/11/2013	ND	
MW-55	d	Bromomethane	74-83-9	ug/L	3/11/2013	ND	
MW-56	d	Bromomethane	74-83-9	ug/L	3/11/2013	ND	
MW-20	d	Bromomethane	74-83-9	ug/L	6/10/2013	ND	
MW-20	d	Bromomethane	74-83-9	ug/L	6/10/2013	ND	
MW-21	d	Bromomethane	74-83-9	ug/L	6/10/2013	ND	
MW-22R	d	Bromomethane	74-83-9	ug/L	6/10/2013	ND	
MW-29	d	Bromomethane	74-83-9	ug/L	6/10/2013	ND	
MW-30R	d	Bromomethane	74-83-9	ug/L	6/10/2013	ND	
MW-31R	d	Bromomethane	74-83-9	ug/L	6/10/2013	ND	
MW-32R	d	Bromomethane	74-83-9	ug/L	6/10/2013	ND	
MW-33R	d	Bromomethane	74-83-9	ug/L	6/10/2013	ND	
MW-57	d	Bromomethane	74-83-9	ug/L	6/10/2013	ND	
MW-58	d	Bromomethane	74-83-9	ug/L	6/10/2013	ND	
GU-3A	d	Bromomethane	74-83-9	ug/L	9/10/2013	ND	
MW-31R	d	Bromomethane	74-83-9	ug/L	9/10/2013	ND	
MW-31R	d	Bromomethane	74-83-9	ug/L	9/10/2013	ND	
MW-32R	d	Bromomethane	74-83-9	ug/L	9/10/2013	ND	
MW-33R	d	Bromomethane	74-83-9	ug/L	9/10/2013	ND	
MW-50	d	Bromomethane	74-83-9	ug/L	9/10/2013	ND	
MW-51	d	Bromomethane	74-83-9	ug/L	9/10/2013	ND	
MW-52	d	Bromomethane	74-83-9	ug/L	9/10/2013	ND	
MW-53	d	Bromomethane	74-83-9	ug/L	9/10/2013	ND	
MW-54	d	Bromomethane	74-83-9	ug/L	9/10/2013	ND	
MW-14R	d	Bromomethane	74-83-9	ug/L	12/18/2013	ND	
MW-18	d	Bromomethane	74-83-9	ug/L	12/18/2013	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	12/18/2013	ND	
MW-20	d	Bromomethane	74-83-9	ug/L	12/18/2013	ND	
MW-21	d	Bromomethane	74-83-9	ug/L	12/18/2013	ND	
MW-22R	d	Bromomethane	74-83-9	ug/L	12/18/2013	ND	
MW-28	d	Bromomethane	74-83-9	ug/L	12/18/2013	ND	
MW-30R	d	Bromomethane	74-83-9	ug/L	12/18/2013	ND	
MW-39	d	Bromomethane	74-83-9	ug/L	12/18/2013	ND	
MW-39	d	Bromomethane	74-83-9	ug/L	12/18/2013	ND	
MW-55	d	Bromomethane	74-83-9	ug/L	12/18/2013	ND	
MW-18	d	Bromomethane	74-83-9	ug/L	3/20/2014	ND	
MW-20	d	Bromomethane	74-83-9	ug/L	3/20/2014	ND	
MW-21	d	Bromomethane	74-83-9	ug/L	3/20/2014	ND	
MW-21	d	Bromomethane	74-83-9	ug/L	3/20/2014	ND	
MW-22R	d	Bromomethane	74-83-9	ug/L	3/20/2014	ND	
MW-30R	d	Bromomethane	74-83-9	ug/L	3/20/2014	ND	
MW-31R	d	Bromomethane	74-83-9	ug/L	3/20/2014	ND	
MW-32R	d	Bromomethane	74-83-9	ug/L	3/20/2014	ND	
MW-33R	d	Bromomethane	74-83-9	ug/L	3/20/2014	ND	
MW-14R	d	Bromomethane	74-83-9	ug/L	6/24/2014	ND	
MW-14R	d	Bromomethane	74-83-9	ug/L	6/24/2014	ND	
MW-18	d	Bromomethane	74-83-9	ug/L	6/24/2014	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	6/24/2014	J	0.72
MW-28	d	Bromomethane	74-83-9	ug/L	6/24/2014	ND	
MW-39	d	Bromomethane	74-83-9	ug/L	6/24/2014	ND	
MW-50	d	Bromomethane	74-83-9	ug/L	6/24/2014	ND	
MW-51	d	Bromomethane	74-83-9	ug/L	6/24/2014	ND	
MW-52	d	Bromomethane	74-83-9	ug/L	6/24/2014	ND	
MW-53	d	Bromomethane	74-83-9	ug/L	6/24/2014	ND	
MW-54	d	Bromomethane	74-83-9	ug/L	6/24/2014	ND	
MW-55	d	Bromomethane	74-83-9	ug/L	6/24/2014	ND	
MW-58	d	Bromomethane	74-83-9	ug/L	6/24/2014	ND	
MW-29	d	Bromomethane	74-83-9	ug/L	7/24/2014	ND	
MW-56	d	Bromomethane	74-83-9	ug/L	7/24/2014	ND	
MW-57	d	Bromomethane	74-83-9	ug/L	7/24/2014	ND	
GU-3A	d	Bromomethane	74-83-9	ug/L	9/24/2014	ND	
MW-18	d	Bromomethane	74-83-9	ug/L	9/24/2014	ND	
MW-29	d	Bromomethane	74-83-9	ug/L	9/24/2014	ND	
MW-30R	d	Bromomethane	74-83-9	ug/L	9/24/2014	ND	
MW-31R	d	Bromomethane	74-83-9	ug/L	9/24/2014	ND	
MW-31R	d	Bromomethane	74-83-9	ug/L	9/24/2014	ND	
MW-32R	d	Bromomethane	74-83-9	ug/L	9/24/2014	ND	
MW-33R	d	Bromomethane	74-83-9	ug/L	9/24/2014	ND	
MW-50	d	Bromomethane	74-83-9	ug/L	9/24/2014	ND	
MW-51	d	Bromomethane	74-83-9	ug/L	9/24/2014	ND	
MW-52	d	Bromomethane	74-83-9	ug/L	9/24/2014	ND	
MW-53	d	Bromomethane	74-83-9	ug/L	9/24/2014	ND	
MW-54	d	Bromomethane	74-83-9	ug/L	9/24/2014	ND	
MW-14R	d	Bromomethane	74-83-9	ug/L	12/4/2014	ND	
MW-18	d	Bromomethane	74-83-9	ug/L	12/4/2014	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	12/4/2014	ND	
MW-20	d	Bromomethane	74-83-9	ug/L	12/4/2014	ND	
MW-21	d	Bromomethane	74-83-9	ug/L	12/4/2014	ND	
MW-22R	d	Bromomethane	74-83-9	ug/L	12/4/2014	ND	
MW-28	d	Bromomethane	74-83-9	ug/L	12/4/2014	ND	
MW-39	d	Bromomethane	74-83-9	ug/L	12/4/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	Bromomethane	74-83-9	ug/L	12/4/2014	ND	
MW-57	d	Bromomethane	74-83-9	ug/L	12/4/2014	ND	
MW-57	d	Bromomethane	74-83-9	ug/L	12/4/2014	ND	
MW-58	d	Bromomethane	74-83-9	ug/L	12/4/2014	ND	
MW-14R	d	Bromomethane	74-83-9	ug/L	3/11/2015	ND	
MW-18	d	Bromomethane	74-83-9	ug/L	3/11/2015	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	3/11/2015	ND	
MW-20	d	Bromomethane	74-83-9	ug/L	3/11/2015	ND	
MW-21	d	Bromomethane	74-83-9	ug/L	3/11/2015	ND	
MW-22R	d	Bromomethane	74-83-9	ug/L	3/11/2015	ND	
MW-28	d	Bromomethane	74-83-9	ug/L	3/11/2015	ND	
MW-39	d	Bromomethane	74-83-9	ug/L	3/11/2015	ND	
MW-55	d	Bromomethane	74-83-9	ug/L	3/11/2015	ND	
MW-56	d	Bromomethane	74-83-9	ug/L	3/11/2015	ND	
MW-57	d	Bromomethane	74-83-9	ug/L	3/11/2015	ND	
MW-58	d	Bromomethane	74-83-9	ug/L	3/11/2015	ND	
MW-58	d	Bromomethane	74-83-9	ug/L	3/11/2015	ND	
MW-29	d	Bromomethane	74-83-9	ug/L	6/29/2015	ND	
MW-30R	d	Bromomethane	74-83-9	ug/L	6/29/2015	ND	
MW-31R	d	Bromomethane	74-83-9	ug/L	6/29/2015	ND	
MW-31R	d	Bromomethane	74-83-9	ug/L	6/29/2015	ND	
MW-32R	d	Bromomethane	74-83-9	ug/L	6/29/2015	ND	
MW-33R	d	Bromomethane	74-83-9	ug/L	6/29/2015	ND	
MW-50	d	Bromomethane	74-83-9	ug/L	6/29/2015	ND	
MW-51	d	Bromomethane	74-83-9	ug/L	6/29/2015	ND	
MW-52	d	Bromomethane	74-83-9	ug/L	6/29/2015	ND	
MW-53	d	Bromomethane	74-83-9	ug/L	6/29/2015	ND	
MW-54	d	Bromomethane	74-83-9	ug/L	6/29/2015	ND	
GU-3A	d	Bromomethane	74-83-9	ug/L	9/22/2015	ND	
MW-14R	d	Bromomethane	74-83-9	ug/L	2/15/2016	ND	
MW-14R	d	Bromomethane	74-83-9	ug/L	2/15/2016	ND	
MW-18	d	Bromomethane	74-83-9	ug/L	2/15/2016	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	2/15/2016	ND	
MW-39	d	Bromomethane	74-83-9	ug/L	2/15/2016	ND	
MW-20	d	Bromomethane	74-83-9	ug/L	2/16/2016	ND	
MW-21	d	Bromomethane	74-83-9	ug/L	2/16/2016	ND	
MW-55	d	Bromomethane	74-83-9	ug/L	2/16/2016	ND	
MW-56	d	Bromomethane	74-83-9	ug/L	2/16/2016	ND	
MW-57	d	Bromomethane	74-83-9	ug/L	2/16/2016	ND	
MW-58	d	Bromomethane	74-83-9	ug/L	2/16/2016	ND	
MW-22R	d	Bromomethane	74-83-9	ug/L	2/17/2016	ND	
MW-28	d	Bromomethane	74-83-9	ug/L	8/25/2016	ND	
MW-29	d	Bromomethane	74-83-9	ug/L	8/25/2016	ND	
MW-30R	d	Bromomethane	74-83-9	ug/L	8/25/2016	ND	
MW-31R	d	Bromomethane	74-83-9	ug/L	8/25/2016	ND	
MW-32R	d	Bromomethane	74-83-9	ug/L	8/25/2016	ND	
MW-33R	d	Bromomethane	74-83-9	ug/L	8/25/2016	ND	
MW-50	d	Bromomethane	74-83-9	ug/L	8/25/2016	ND	
MW-51	d	Bromomethane	74-83-9	ug/L	8/25/2016	ND	
MW-52	d	Bromomethane	74-83-9	ug/L	8/25/2016	ND	
MW-53	d	Bromomethane	74-83-9	ug/L	8/25/2016	ND	
MW-54	d	Bromomethane	74-83-9	ug/L	8/25/2016	ND	
GU-3A	d	Bromomethane	74-83-9	ug/L	8/26/2016	ND	
MW-18	d	Bromomethane	74-83-9	ug/L	1/17/2017	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	1/17/2017	ND	
MW-22R	d	Bromomethane	74-83-9	ug/L	1/17/2017	ND	
MW-28	d	Bromomethane	74-83-9	ug/L	1/17/2017	ND	
MW-28	d	Bromomethane	74-83-9	ug/L	1/17/2017	ND	
MW-39	d	Bromomethane	74-83-9	ug/L	1/17/2017	ND	
MW-50	d	Bromomethane	74-83-9	ug/L	1/17/2017	ND	
MW-51	d	Bromomethane	74-83-9	ug/L	1/17/2017	ND	
MW-53	d	Bromomethane	74-83-9	ug/L	1/17/2017	ND	
MW-54	d	Bromomethane	74-83-9	ug/L	1/17/2017	ND	
MW-56	d	Bromomethane	74-83-9	ug/L	1/17/2017	ND	
GU-3A	d	Bromomethane	74-83-9	ug/L	7/10/2017	ND	
MW-14R	d	Bromomethane	74-83-9	ug/L	7/10/2017	ND	
MW-20	d	Bromomethane	74-83-9	ug/L	7/10/2017	ND	
MW-21	d	Bromomethane	74-83-9	ug/L	7/10/2017	ND	
MW-29	d	Bromomethane	74-83-9	ug/L	7/10/2017	ND	
MW-30R	d	Bromomethane	74-83-9	ug/L	7/10/2017	J	0.477
MW-31R	d	Bromomethane	74-83-9	ug/L	7/10/2017	J	0.267
MW-32R	d	Bromomethane	74-83-9	ug/L	7/10/2017	ND	
MW-32R	d	Bromomethane	74-83-9	ug/L	7/10/2017	ND	
MW-33R	d	Bromomethane	74-83-9	ug/L	7/10/2017	ND	
MW-57	d	Bromomethane	74-83-9	ug/L	7/10/2017	ND	
MW-58	d	Bromomethane	74-83-9	ug/L	7/10/2017	ND	
MW-52	d	Bromomethane	74-83-9	ug/L	10/17/2017	ND	
MW-55	d	Bromomethane	74-83-9	ug/L	10/17/2017	ND	
GU-3A	d	Bromomethane	74-83-9	ug/L	4/3/2018	J	0.359
GU-3A	d	Bromomethane	74-83-9	ug/L	4/3/2018	ND	
MW-14R	d	Bromomethane	74-83-9	ug/L	4/3/2018	ND	
MW-20	d	Bromomethane	74-83-9	ug/L	4/3/2018	ND	
MW-21	d	Bromomethane	74-83-9	ug/L	4/3/2018	ND	
MW-29	d	Bromomethane	74-83-9	ug/L	4/3/2018	ND	
MW-30R	d	Bromomethane	74-83-9	ug/L	4/3/2018	ND	
MW-31R	d	Bromomethane	74-83-9	ug/L	4/3/2018	ND	
MW-32R	d	Bromomethane	74-83-9	ug/L	4/3/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	Bromomethane	74-83-9	ug/L	4/3/2018	ND	
MW-33R	d	Bromomethane	74-83-9	ug/L	4/3/2018	ND	
MW-57	d	Bromomethane	74-83-9	ug/L	4/3/2018	ND	
MW-58	d	Bromomethane	74-83-9	ug/L	4/3/2018	ND	
MW-39	d	Bromomethane	74-83-9	ug/L	11/1/2018	ND	
MW-50	d	Bromomethane	74-83-9	ug/L	11/1/2018	ND	
MW-51	d	Bromomethane	74-83-9	ug/L	11/1/2018	ND	
MW-52	d	Bromomethane	74-83-9	ug/L	11/1/2018	ND	
MW-53	d	Bromomethane	74-83-9	ug/L	11/1/2018	ND	
MW-54	d	Bromomethane	74-83-9	ug/L	11/1/2018	ND	
MW-55	d	Bromomethane	74-83-9	ug/L	11/1/2018	ND	
MW-18	d	Bromomethane	74-83-9	ug/L	11/2/2018	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	11/2/2018	ND	
MW-22R	d	Bromomethane	74-83-9	ug/L	11/2/2018	ND	
MW-28	d	Bromomethane	74-83-9	ug/L	11/2/2018	ND	
MW-56	d	Bromomethane	74-83-9	ug/L	11/2/2018	NDH	
MW-18	d	Bromomethane	74-83-9	ug/L	5/16/2019	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	5/16/2019	ND	
MW-23	u	Bromomethane	74-83-9	ug/L	5/16/2019	ND	
MW-24R	u	Bromomethane	74-83-9	ug/L	5/16/2019	ND	
MW-28	d	Bromomethane	74-83-9	ug/L	5/16/2019	ND	
MW-55	d	Bromomethane	74-83-9	ug/L	5/16/2019	ND	
MW-50	d	Bromomethane	74-83-9	ug/L	5/20/2019	ND	
MW-51	d	Bromomethane	74-83-9	ug/L	5/20/2019	ND	
MW-52	d	Bromomethane	74-83-9	ug/L	5/20/2019	ND	
MW-54	d	Bromomethane	74-83-9	ug/L	5/20/2019	ND	
MW-56	d	Bromomethane	74-83-9	ug/L	5/20/2019	ND	
MW-53	d	Bromomethane	74-83-9	ug/L	5/21/2019	ND	
MW-14R	d	Bromomethane	74-83-9	ug/L	9/11/2019	ND	
MW-29	d	Bromomethane	74-83-9	ug/L	9/11/2019	ND	
MW-30R	d	Bromomethane	74-83-9	ug/L	9/11/2019	ND	
MW-33R	d	Bromomethane	74-83-9	ug/L	9/11/2019	ND	
MW-58	d	Bromomethane	74-83-9	ug/L	9/11/2019	ND	
GU-3A	d	Bromomethane	74-83-9	ug/L	3/16/2020	ND	
MW-33R	d	Bromomethane	74-83-9	ug/L	3/16/2020	ND	
MW-14R	d	Bromomethane	74-83-9	ug/L	3/17/2020	ND	
MW-29	d	Bromomethane	74-83-9	ug/L	3/17/2020	ND	
MW-30R	d	Bromomethane	74-83-9	ug/L	3/17/2020	ND	
MW-58	d	Bromomethane	74-83-9	ug/L	3/17/2020	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	7/20/2020	ND	
MW-28	d	Bromomethane	74-83-9	ug/L	7/20/2020	ND	
MW-51	d	Bromomethane	74-83-9	ug/L	7/20/2020	ND	
MW-55	d	Bromomethane	74-83-9	ug/L	7/20/2020	ND	
MW-56	d	Bromomethane	74-83-9	ug/L	7/20/2020	ND	
MW-57R	d	Bromomethane	74-83-9	ug/L	7/20/2020	ND	
MW-73	d	Bromomethane	74-83-9	ug/L	7/20/2020	ND	
MW-18	d	Bromomethane	74-83-9	ug/L	7/21/2020	ND	
MW-50	d	Bromomethane	74-83-9	ug/L	7/21/2020	ND	
MW-52	d	Bromomethane	74-83-9	ug/L	7/21/2020	ND	
MW-53	d	Bromomethane	74-83-9	ug/L	7/21/2020	ND	
MW-54	d	Bromomethane	74-83-9	ug/L	7/21/2020	ND	
MW-23	u	Bromomethane	74-83-9	ug/L	7/22/2020	ND	
MW-24R	u	Bromomethane	74-83-9	ug/L	7/22/2020	ND	
MW-55	d	Bromomethane	74-83-9	ug/L	11/12/2020	ND	
MW-33R	d	Bromomethane	74-83-9	ug/L	8/24/2021		<4.00
MW-14R	d	Bromomethane	74-83-9	ug/L	8/24/2021		<4.00
MW-29	d	Bromomethane	74-83-9	ug/L	8/25/2021		<4.00
MW-58	d	Bromomethane	74-83-9	ug/L	8/25/2021		<4.00
MW-30R	d	Bromomethane	74-83-9	ug/L	8/25/2021		<4.00
MW-68	d	Bromomethane	74-83-9	ug/L	8/25/2021		<4.00
MW-69	d	Bromomethane	74-83-9	ug/L	8/25/2021		<4.00
MW-70	d	Bromomethane	74-83-9	ug/L	8/26/2021		<4.00
MW-57R	d	Bromomethane	74-83-9	ug/L	8/26/2021		<4.00
PZ-13	d	Bromomethane	74-83-9	ug/L	8/27/2021		<4.00
MW-73	d	Bromomethane	74-83-9	ug/L	8/27/2021		<4.00
GU-3A	d	Bromomethane	74-83-9	ug/L	9/8/2021		<4.00
MW-24R	u	Bromomethane	74-83-9	ug/L	12/7/2021		<4.00
MW-28	d	Bromomethane	74-83-9	ug/L	12/7/2021		<4.00
MW-57R	d	Bromomethane	74-83-9	ug/L	12/7/2021		<4.00
MW-73	d	Bromomethane	74-83-9	ug/L	12/7/2021		<4.00
MW-56	d	Bromomethane	74-83-9	ug/L	12/7/2021		<4.00
MW-19	d	Bromomethane	74-83-9	ug/L	12/7/2021		<4.00
MW-18	d	Bromomethane	74-83-9	ug/L	12/7/2021		<4.00
MW-55	d	Bromomethane	74-83-9	ug/L	12/7/2021		<4.00
MW-50	d	Bromomethane	74-83-9	ug/L	12/7/2021		<4.00
MW-23	u	Bromomethane	74-83-9	ug/L	12/8/2021		<4.00
MW-39	d	Bromomethane	74-83-9	ug/L	12/8/2021		<4.00
MW-51	d	Bromomethane	74-83-9	ug/L	12/8/2021		<4.00
MW-52	d	Bromomethane	74-83-9	ug/L	12/8/2021		<4.00
MW-53	d	Bromomethane	74-83-9	ug/L	12/8/2021		<4.00
MW-54	d	Bromomethane	74-83-9	ug/L	12/8/2021		<4.00
MW-39	d	Butyl benzyl phthalate	85-68-7	ug/L	3/11/2013	ND	
MW-31R	d	Butyl benzyl phthalate	85-68-7	ug/L	9/10/2013	ND	
MW-32R	d	Butyl benzyl phthalate	85-68-7	ug/L	9/10/2013	ND	
MW-18	d	Butyl benzyl phthalate	85-68-7	ug/L	12/18/2013	ND	
MW-20	d	Butyl benzyl phthalate	85-68-7	ug/L	12/18/2013	ND	
MW-21	d	Butyl benzyl phthalate	85-68-7	ug/L	12/18/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-22R	d	Butyl benzyl phthalate	85-68-7	ug/L	12/18/2013	ND	
MW-30R	d	Butyl benzyl phthalate	85-68-7	ug/L	12/18/2013	ND	
MW-18	d	Butyl benzyl phthalate	85-68-7	ug/L	6/24/2014	ND	
MW-29	d	Butyl benzyl phthalate	85-68-7	ug/L	7/24/2014	ND	
MW-57	d	Butyl benzyl phthalate	85-68-7	ug/L	7/24/2014	ND	
MW-58	d	Butyl benzyl phthalate	85-68-7	ug/L	7/24/2014	ND	
MW-33R	d	Butyl benzyl phthalate	85-68-7	ug/L	9/24/2014	ND	
MW-50	d	Butyl benzyl phthalate	85-68-7	ug/L	9/24/2014	ND	
MW-51	d	Butyl benzyl phthalate	85-68-7	ug/L	9/24/2014	ND	
MW-52	d	Butyl benzyl phthalate	85-68-7	ug/L	9/24/2014	ND	
MW-53	d	Butyl benzyl phthalate	85-68-7	ug/L	9/24/2014	ND	
MW-54	d	Butyl benzyl phthalate	85-68-7	ug/L	9/24/2014	ND	
MW-14R	d	Butyl benzyl phthalate	85-68-7	ug/L	12/4/2014	ND	
MW-19	d	Butyl benzyl phthalate	85-68-7	ug/L	12/4/2014	ND	
MW-28	d	Butyl benzyl phthalate	85-68-7	ug/L	12/4/2014	ND	
MW-56	d	Butyl benzyl phthalate	85-68-7	ug/L	12/4/2014	ND	
MW-55	d	Butyl benzyl phthalate	85-68-7	ug/L	3/11/2015	ND	
MW-20	d	Butyl benzyl phthalate	85-68-7	ug/L	4/3/2018	ND	
MW-21	d	Butyl benzyl phthalate	85-68-7	ug/L	4/3/2018	ND	
MW-30R	d	Butyl benzyl phthalate	85-68-7	ug/L	4/3/2018	ND	
MW-31R	d	Butyl benzyl phthalate	85-68-7	ug/L	4/3/2018	ND	
MW-32R	d	Butyl benzyl phthalate	85-68-7	ug/L	4/3/2018	ND	
MW-39	d	Butyl benzyl phthalate	85-68-7	ug/L	11/1/2018	ND	
MW-22R	d	Butyl benzyl phthalate	85-68-7	ug/L	11/2/2018	ND	
MW-18	d	Butyl benzyl phthalate	85-68-7	ug/L	5/16/2019	ND	
MW-19	d	Butyl benzyl phthalate	85-68-7	ug/L	5/16/2019	ND	
MW-28	d	Butyl benzyl phthalate	85-68-7	ug/L	5/16/2019	ND	
MW-50	d	Butyl benzyl phthalate	85-68-7	ug/L	5/20/2019	ND	
MW-51	d	Butyl benzyl phthalate	85-68-7	ug/L	5/20/2019	ND	
MW-52	d	Butyl benzyl phthalate	85-68-7	ug/L	5/20/2019	ND	
MW-53	d	Butyl benzyl phthalate	85-68-7	ug/L	5/20/2019	ND	
MW-54	d	Butyl benzyl phthalate	85-68-7	ug/L	5/20/2019	ND	
MW-56	d	Butyl benzyl phthalate	85-68-7	ug/L	5/20/2019	ND	
MW-14R	d	Butyl benzyl phthalate	85-68-7	ug/L	9/11/2019	ND	
MW-29	d	Butyl benzyl phthalate	85-68-7	ug/L	9/11/2019	ND	
MW-33R	d	Butyl benzyl phthalate	85-68-7	ug/L	9/11/2019	ND	
MW-58	d	Butyl benzyl phthalate	85-68-7	ug/L	9/11/2019	ND	
MW-55	d	Butyl benzyl phthalate	85-68-7	ug/L	11/12/2020	ND	
MW-51	d	Cadmium	7440-43-9	mg/L	1/15/2010	ND	
MW-24R	u	Cadmium	7440-43-9	mg/L	2/11/2010	ND	
MW-53	d	Cadmium	7440-43-9	mg/L	2/11/2010	ND	
GU-3A	d	Cadmium	7440-43-9	mg/L	3/24/2010	ND	
MW-20	d	Cadmium	7440-43-9	mg/L	3/24/2010	ND	
MW-21	d	Cadmium	7440-43-9	mg/L	3/24/2010	ND	
MW-22R	d	Cadmium	7440-43-9	mg/L	3/24/2010	ND	
MW-52	d	Cadmium	7440-43-9	mg/L	3/24/2010	ND	
MW-54	d	Cadmium	7440-43-9	mg/L	3/24/2010	ND	
MW-55	d	Cadmium	7440-43-9	mg/L	3/24/2010	ND	
MW-28	d	Cadmium	7440-43-9	mg/L	4/9/2010	ND	
MW-33R	d	Cadmium	7440-43-9	mg/L	4/9/2010		0.00389
MW-50	d	Cadmium	7440-43-9	mg/L	4/9/2010	ND	
MW-56	d	Cadmium	7440-43-9	mg/L	4/9/2010	ND	
MW-57	d	Cadmium	7440-43-9	mg/L	4/9/2010	ND	
MW-58	d	Cadmium	7440-43-9	mg/L	4/9/2010	ND	
MW-32R	d	Cadmium	7440-43-9	mg/L	5/18/2010		0.00249
MW-52	d	Cadmium	7440-43-9	mg/L	5/18/2010	ND	
MW-55	d	Cadmium	7440-43-9	mg/L	5/18/2010	ND	
MW-14R	d	Cadmium	7440-43-9	mg/L	6/17/2010	ND	
MW-19	d	Cadmium	7440-43-9	mg/L	6/17/2010	ND	
MW-29	d	Cadmium	7440-43-9	mg/L	6/17/2010	ND	
MW-30R	d	Cadmium	7440-43-9	mg/L	6/17/2010	ND	
MW-31R	d	Cadmium	7440-43-9	mg/L	6/17/2010	ND	
MW-51	d	Cadmium	7440-43-9	mg/L	6/17/2010	ND	
MW-21	d	Cadmium	7440-43-9	mg/L	7/21/2010		0.00141
MW-54	d	Cadmium	7440-43-9	mg/L	7/21/2010	ND	
MW-20	d	Cadmium	7440-43-9	mg/L	8/17/2010		0.000523
MW-29	d	Cadmium	7440-43-9	mg/L	8/17/2010	ND	
MW-39	d	Cadmium	7440-43-9	mg/L	8/17/2010	ND	
MW-51	d	Cadmium	7440-43-9	mg/L	8/17/2010	ND	
GU-3A	d	Cadmium	7440-43-9	mg/L	9/17/2010	ND	
MW-22R	d	Cadmium	7440-43-9	mg/L	9/17/2010	ND	
MW-55	d	Cadmium	7440-43-9	mg/L	9/17/2010		0.000645
MW-19	d	Cadmium	7440-43-9	mg/L	10/22/2010	ND	
MW-24R	u	Cadmium	7440-43-9	mg/L	10/22/2010	ND	
MW-30R	d	Cadmium	7440-43-9	mg/L	10/22/2010	ND	
MW-31R	d	Cadmium	7440-43-9	mg/L	10/22/2010	ND	
MW-50	d	Cadmium	7440-43-9	mg/L	10/22/2010	ND	
MW-53	d	Cadmium	7440-43-9	mg/L	10/22/2010	ND	
MW-56	d	Cadmium	7440-43-9	mg/L	10/22/2010	ND	
MW-58	d	Cadmium	7440-43-9	mg/L	10/22/2010	ND	
MW-14R	d	Cadmium	7440-43-9	mg/L	11/8/2010	ND	
MW-32R	d	Cadmium	7440-43-9	mg/L	11/8/2010		0.000588
MW-57	d	Cadmium	7440-43-9	mg/L	11/8/2010	ND	
MW-28	d	Cadmium	7440-43-9	mg/L	12/15/2010	ND	
MW-33R	d	Cadmium	7440-43-9	mg/L	12/15/2010		0.00341
MW-52	d	Cadmium	7440-43-9	mg/L	12/15/2010		0.00309
MW-54	d	Cadmium	7440-43-9	mg/L	1/12/2011		0.00144

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-54	d	Cadmium	7440-43-9	mg/L	1/12/2011		0.000837
MW-20	d	Cadmium	7440-43-9	mg/L	2/22/2011	ND	
MW-22R	d	Cadmium	7440-43-9	mg/L	2/22/2011	ND	
MW-51	d	Cadmium	7440-43-9	mg/L	2/22/2011	ND	
MW-52	d	Cadmium	7440-43-9	mg/L	2/22/2011		0.00255
MW-53	d	Cadmium	7440-43-9	mg/L	2/22/2011	ND	
MW-55	d	Cadmium	7440-43-9	mg/L	2/22/2011		0.000627
GU-3A	d	Cadmium	7440-43-9	mg/L	3/2/2011	ND	
MW-21	d	Cadmium	7440-43-9	mg/L	3/2/2011		0.00108
MW-21	d	Cadmium	7440-43-9	mg/L	3/2/2011		0.00085
MW-29	d	Cadmium	7440-43-9	mg/L	4/21/2011	ND	
MW-30R	d	Cadmium	7440-43-9	mg/L	4/21/2011	ND	
MW-31R	d	Cadmium	7440-43-9	mg/L	4/21/2011	ND	
MW-31R	d	Cadmium	7440-43-9	mg/L	4/21/2011	ND	
MW-32R	d	Cadmium	7440-43-9	mg/L	4/21/2011		0.00169
MW-54	d	Cadmium	7440-43-9	mg/L	5/31/2011	ND	
MW-56	d	Cadmium	7440-43-9	mg/L	5/31/2011	ND	
MW-57	d	Cadmium	7440-43-9	mg/L	5/31/2011	ND	
MW-58	d	Cadmium	7440-43-9	mg/L	5/31/2011	ND	
MW-14R	d	Cadmium	7440-43-9	mg/L	6/7/2011	ND	
MW-14R	d	Cadmium	7440-43-9	mg/L	6/7/2011	ND	
MW-19	d	Cadmium	7440-43-9	mg/L	6/7/2011	ND	
MW-28	d	Cadmium	7440-43-9	mg/L	6/7/2011	ND	
MW-33R	d	Cadmium	7440-43-9	mg/L	6/7/2011		0.000832
MW-39	d	Cadmium	7440-43-9	mg/L	6/7/2011		0.000763
MW-50	d	Cadmium	7440-43-9	mg/L	6/7/2011	ND	
MW-52	d	Cadmium	7440-43-9	mg/L	7/22/2011	ND	
MW-56	d	Cadmium	7440-43-9	mg/L	7/22/2011	ND	
MW-58	d	Cadmium	7440-43-9	mg/L	7/22/2011	ND	
MW-14R	d	Cadmium	7440-43-9	mg/L	8/29/2011	ND	
MW-19	d	Cadmium	7440-43-9	mg/L	8/29/2011	ND	
MW-19	d	Cadmium	7440-43-9	mg/L	8/29/2011	ND	
MW-32R	d	Cadmium	7440-43-9	mg/L	8/29/2011		0.000992
GU-3A	d	Cadmium	7440-43-9	mg/L	9/9/2011	ND	
MW-22R	d	Cadmium	7440-43-9	mg/L	9/9/2011	ND	
MW-23	u	Cadmium	7440-43-9	mg/L	9/9/2011	ND	
MW-24R	u	Cadmium	7440-43-9	mg/L	9/9/2011	ND	
MW-28	d	Cadmium	7440-43-9	mg/L	9/9/2011	ND	
MW-29	d	Cadmium	7440-43-9	mg/L	9/9/2011	ND	
MW-51	d	Cadmium	7440-43-9	mg/L	9/9/2011	ND	
MW-53	d	Cadmium	7440-43-9	mg/L	9/9/2011	ND	
MW-53	d	Cadmium	7440-43-9	mg/L	9/9/2011	ND	
MW-21	d	Cadmium	7440-43-9	mg/L	10/4/2011	ND	
MW-50	d	Cadmium	7440-43-9	mg/L	10/4/2011	ND	
MW-50	d	Cadmium	7440-43-9	mg/L	10/4/2011	ND	
MW-54	d	Cadmium	7440-43-9	mg/L	10/4/2011	ND	
MW-57	d	Cadmium	7440-43-9	mg/L	10/4/2011		0.00061
MW-20	d	Cadmium	7440-43-9	mg/L	11/29/2011	ND	
MW-30R	d	Cadmium	7440-43-9	mg/L	11/29/2011	ND	
MW-52	d	Cadmium	7440-43-9	mg/L	11/29/2011	ND	
MW-55	d	Cadmium	7440-43-9	mg/L	11/29/2011		0.000603
MW-31R	d	Cadmium	7440-43-9	mg/L	12/16/2011	ND	
MW-33R	d	Cadmium	7440-43-9	mg/L	12/16/2011		0.00117
MW-39	d	Cadmium	7440-43-9	mg/L	12/16/2011		0.00114
MW-14R	d	Cadmium	7440-43-9	mg/L	3/8/2012	ND	
MW-19	d	Cadmium	7440-43-9	mg/L	3/8/2012	ND	
MW-20	d	Cadmium	7440-43-9	mg/L	3/8/2012	ND	
MW-21	d	Cadmium	7440-43-9	mg/L	3/8/2012	ND	
MW-22R	d	Cadmium	7440-43-9	mg/L	3/8/2012	ND	
MW-23	u	Cadmium	7440-43-9	mg/L	3/8/2012	ND	
MW-24R	u	Cadmium	7440-43-9	mg/L	3/8/2012	ND	
MW-28	d	Cadmium	7440-43-9	mg/L	3/8/2012	ND	
MW-39	d	Cadmium	7440-43-9	mg/L	3/8/2012		0.000818
MW-55	d	Cadmium	7440-43-9	mg/L	3/8/2012	ND	
MW-56	d	Cadmium	7440-43-9	mg/L	3/8/2012	ND	
MW-57	d	Cadmium	7440-43-9	mg/L	3/8/2012	ND	
MW-58	d	Cadmium	7440-43-9	mg/L	3/8/2012	ND	
GU-3A	d	Cadmium	7440-43-9	mg/L	6/13/2012	ND	
MW-29	d	Cadmium	7440-43-9	mg/L	6/13/2012	ND	
MW-30R	d	Cadmium	7440-43-9	mg/L	6/13/2012	ND	
MW-31R	d	Cadmium	7440-43-9	mg/L	6/13/2012	ND	
MW-32R	d	Cadmium	7440-43-9	mg/L	6/13/2012	ND	
MW-33R	d	Cadmium	7440-43-9	mg/L	6/13/2012		0.000804
MW-50	d	Cadmium	7440-43-9	mg/L	6/13/2012	ND	
MW-50	d	Cadmium	7440-43-9	mg/L	6/13/2012	ND	
MW-51	d	Cadmium	7440-43-9	mg/L	6/13/2012	ND	
MW-52	d	Cadmium	7440-43-9	mg/L	6/13/2012	ND	
MW-53	d	Cadmium	7440-43-9	mg/L	6/13/2012	ND	
MW-54	d	Cadmium	7440-43-9	mg/L	6/13/2012	ND	
GU-3A	d	Cadmium	7440-43-9	mg/L	9/4/2012	ND	
MW-20	d	Cadmium	7440-43-9	mg/L	9/4/2012	ND	
MW-21	d	Cadmium	7440-43-9	mg/L	9/4/2012	ND	
MW-22R	d	Cadmium	7440-43-9	mg/L	9/4/2012	ND	
MW-23	u	Cadmium	7440-43-9	mg/L	9/4/2012	ND	
MW-50	d	Cadmium	7440-43-9	mg/L	9/4/2012	ND	
MW-51	d	Cadmium	7440-43-9	mg/L	9/4/2012	ND	
MW-52	d	Cadmium	7440-43-9	mg/L	9/4/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-53	d	Cadmium	7440-43-9	mg/L	9/4/2012	ND	
MW-54	d	Cadmium	7440-43-9	mg/L	9/4/2012	ND	
MW-54	d	Cadmium	7440-43-9	mg/L	9/4/2012	ND	
MW-57	d	Cadmium	7440-43-9	mg/L	9/4/2012	ND	
MW-58	d	Cadmium	7440-43-9	mg/L	9/4/2012	ND	
MW-14R	d	Cadmium	7440-43-9	mg/L	12/19/2012	ND	
MW-19	d	Cadmium	7440-43-9	mg/L	12/19/2012	ND	
MW-28	d	Cadmium	7440-43-9	mg/L	12/19/2012	ND	
MW-29	d	Cadmium	7440-43-9	mg/L	12/19/2012	ND	
MW-30R	d	Cadmium	7440-43-9	mg/L	12/19/2012	ND	
MW-31R	d	Cadmium	7440-43-9	mg/L	12/19/2012	ND	
MW-32R	d	Cadmium	7440-43-9	mg/L	12/19/2012		0.000878
MW-33R	d	Cadmium	7440-43-9	mg/L	12/19/2012		0.000648
MW-33R	d	Cadmium	7440-43-9	mg/L	12/19/2012		0.000608
MW-39	d	Cadmium	7440-43-9	mg/L	12/19/2012		0.00064
MW-55	d	Cadmium	7440-43-9	mg/L	12/19/2012	ND	
MW-56	d	Cadmium	7440-43-9	mg/L	12/19/2012	ND	
MW-14R	d	Cadmium	7440-43-9	mg/L	3/11/2013	ND	
MW-19	d	Cadmium	7440-43-9	mg/L	3/11/2013	ND	
MW-23	u	Cadmium	7440-43-9	mg/L	3/11/2013	ND	
MW-28	d	Cadmium	7440-43-9	mg/L	3/11/2013	ND	
MW-39	d	Cadmium	7440-43-9	mg/L	3/11/2013	ND	
MW-50	d	Cadmium	7440-43-9	mg/L	3/11/2013	ND	
MW-50	d	Cadmium	7440-43-9	mg/L	3/11/2013	ND	
MW-51	d	Cadmium	7440-43-9	mg/L	3/11/2013	ND	
MW-52	d	Cadmium	7440-43-9	mg/L	3/11/2013	ND	
MW-53	d	Cadmium	7440-43-9	mg/L	3/11/2013	ND	
MW-54	d	Cadmium	7440-43-9	mg/L	3/11/2013	ND	
MW-55	d	Cadmium	7440-43-9	mg/L	3/11/2013		0.000568
MW-56	d	Cadmium	7440-43-9	mg/L	3/11/2013	ND	
MW-20	d	Cadmium	7440-43-9	mg/L	6/10/2013	ND	
MW-20	d	Cadmium	7440-43-9	mg/L	6/10/2013	ND	
MW-21	d	Cadmium	7440-43-9	mg/L	6/10/2013	ND	
MW-22R	d	Cadmium	7440-43-9	mg/L	6/10/2013	ND	
MW-29	d	Cadmium	7440-43-9	mg/L	6/10/2013	ND	
MW-30R	d	Cadmium	7440-43-9	mg/L	6/10/2013	ND	
MW-31R	d	Cadmium	7440-43-9	mg/L	6/10/2013	ND	
MW-32R	d	Cadmium	7440-43-9	mg/L	6/10/2013	ND	
MW-33R	d	Cadmium	7440-43-9	mg/L	6/10/2013		0.000536
MW-57	d	Cadmium	7440-43-9	mg/L	6/10/2013	ND	
MW-58	d	Cadmium	7440-43-9	mg/L	6/10/2013	ND	
GU-3A	d	Cadmium	7440-43-9	mg/L	9/10/2013	J	0.000485
MW-23	u	Cadmium	7440-43-9	mg/L	9/10/2013	J	0.000464
MW-31R	d	Cadmium	7440-43-9	mg/L	9/10/2013	ND	
MW-31R	d	Cadmium	7440-43-9	mg/L	9/10/2013	ND	
MW-32R	d	Cadmium	7440-43-9	mg/L	9/10/2013	ND	
MW-33R	d	Cadmium	7440-43-9	mg/L	9/10/2013		0.00115
MW-50	d	Cadmium	7440-43-9	mg/L	9/10/2013	ND	
MW-51	d	Cadmium	7440-43-9	mg/L	9/10/2013	ND	
MW-52	d	Cadmium	7440-43-9	mg/L	9/10/2013	ND	
MW-53	d	Cadmium	7440-43-9	mg/L	9/10/2013	ND	
MW-54	d	Cadmium	7440-43-9	mg/L	9/10/2013	ND	
MW-14R	d	Cadmium	7440-43-9	mg/L	12/18/2013	ND	
MW-18	d	Cadmium	7440-43-9	mg/L	12/18/2013	J	0.000244
MW-19	d	Cadmium	7440-43-9	mg/L	12/18/2013	J	0.000248
MW-20	d	Cadmium	7440-43-9	mg/L	12/18/2013	ND	
MW-21	d	Cadmium	7440-43-9	mg/L	12/18/2013	J	0.0002
MW-22R	d	Cadmium	7440-43-9	mg/L	12/18/2013	J	0.000278
MW-28	d	Cadmium	7440-43-9	mg/L	12/18/2013	ND	
MW-30R	d	Cadmium	7440-43-9	mg/L	12/18/2013	J	0.000193
MW-39	d	Cadmium	7440-43-9	mg/L	12/18/2013		0.000796
MW-39	d	Cadmium	7440-43-9	mg/L	12/18/2013		0.000884
MW-55	d	Cadmium	7440-43-9	mg/L	12/18/2013		0.000525
MW-18	d	Cadmium	7440-43-9	mg/L	3/20/2014	ND	
MW-20	d	Cadmium	7440-43-9	mg/L	3/20/2014	J	0.000102
MW-21	d	Cadmium	7440-43-9	mg/L	3/20/2014	J	0.000155
MW-21	d	Cadmium	7440-43-9	mg/L	3/20/2014	J	0.000358
MW-22R	d	Cadmium	7440-43-9	mg/L	3/20/2014	J	0.000116
MW-23	u	Cadmium	7440-43-9	mg/L	3/20/2014	J	0.000184
MW-30R	d	Cadmium	7440-43-9	mg/L	3/20/2014	J	7.49E-05
MW-31R	d	Cadmium	7440-43-9	mg/L	3/20/2014	ND	
MW-32R	d	Cadmium	7440-43-9	mg/L	3/20/2014	ND	
MW-33R	d	Cadmium	7440-43-9	mg/L	3/20/2014		0.00353
MW-14R	d	Cadmium	7440-43-9	mg/L	6/24/2014	ND	
MW-14R	d	Cadmium	7440-43-9	mg/L	6/24/2014	J	9.39E-05
MW-18	d	Cadmium	7440-43-9	mg/L	6/24/2014	J	7.77E-05
MW-19	d	Cadmium	7440-43-9	mg/L	6/24/2014		0.000575
MW-28	d	Cadmium	7440-43-9	mg/L	6/24/2014	J	0.000139
MW-39	d	Cadmium	7440-43-9	mg/L	6/24/2014		0.000965
MW-50	d	Cadmium	7440-43-9	mg/L	6/24/2014	J	0.000168
MW-51	d	Cadmium	7440-43-9	mg/L	6/24/2014	J	0.000238
MW-52	d	Cadmium	7440-43-9	mg/L	6/24/2014	J	0.000101
MW-53	d	Cadmium	7440-43-9	mg/L	6/24/2014	J	0.00011
MW-54	d	Cadmium	7440-43-9	mg/L	6/24/2014	J	0.000103
MW-55	d	Cadmium	7440-43-9	mg/L	6/24/2014	J	0.000342
MW-58	d	Cadmium	7440-43-9	mg/L	6/24/2014		0.000522
MW-29	d	Cadmium	7440-43-9	mg/L	7/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	Cadmium	7440-43-9	mg/L	7/24/2014	ND	
MW-57	d	Cadmium	7440-43-9	mg/L	7/24/2014	J	0.000143
GU-3A	d	Cadmium	7440-43-9	mg/L	9/24/2014	ND	
MW-18	d	Cadmium	7440-43-9	mg/L	9/24/2014	J	8.43E-05
MW-23	u	Cadmium	7440-43-9	mg/L	9/24/2014	J	0.000125
MW-24R	u	Cadmium	7440-43-9	mg/L	9/24/2014	ND	
MW-29	d	Cadmium	7440-43-9	mg/L	9/24/2014	ND	
MW-30R	d	Cadmium	7440-43-9	mg/L	9/24/2014	ND	
MW-31R	d	Cadmium	7440-43-9	mg/L	9/24/2014	ND	
MW-31R	d	Cadmium	7440-43-9	mg/L	9/24/2014	ND	
MW-32R	d	Cadmium	7440-43-9	mg/L	9/24/2014	ND	
MW-33R	d	Cadmium	7440-43-9	mg/L	9/24/2014		0.000651
MW-50	d	Cadmium	7440-43-9	mg/L	9/24/2014	ND	
MW-51	d	Cadmium	7440-43-9	mg/L	9/24/2014	J	0.000105
MW-52	d	Cadmium	7440-43-9	mg/L	9/24/2014	ND	
MW-53	d	Cadmium	7440-43-9	mg/L	9/24/2014	ND	
MW-54	d	Cadmium	7440-43-9	mg/L	9/24/2014	ND	
MW-14R	d	Cadmium	7440-43-9	mg/L	12/4/2014	J	0.000154
MW-18	d	Cadmium	7440-43-9	mg/L	12/4/2014	J	0.00014
MW-19	d	Cadmium	7440-43-9	mg/L	12/4/2014	J	0.000297
MW-20	d	Cadmium	7440-43-9	mg/L	12/4/2014	J	0.000124
MW-21	d	Cadmium	7440-43-9	mg/L	12/4/2014	J	0.000389
MW-22R	d	Cadmium	7440-43-9	mg/L	12/4/2014	J	9.18E-05
MW-28	d	Cadmium	7440-43-9	mg/L	12/4/2014	ND	
MW-39	d	Cadmium	7440-43-9	mg/L	12/4/2014		0.00064
MW-56	d	Cadmium	7440-43-9	mg/L	12/4/2014	J	0.000197
MW-57	d	Cadmium	7440-43-9	mg/L	12/4/2014		0.000536
MW-57	d	Cadmium	7440-43-9	mg/L	12/4/2014	J	0.000341
MW-58	d	Cadmium	7440-43-9	mg/L	12/4/2014	J	0.00027
MW-14R	d	Cadmium	7440-43-9	mg/L	3/11/2015	ND	
MW-18	d	Cadmium	7440-43-9	mg/L	3/11/2015	J	0.000112
MW-19	d	Cadmium	7440-43-9	mg/L	3/11/2015	ND	
MW-20	d	Cadmium	7440-43-9	mg/L	3/11/2015	ND	
MW-21	d	Cadmium	7440-43-9	mg/L	3/11/2015	J	0.000264
MW-22R	d	Cadmium	7440-43-9	mg/L	3/11/2015	J	0.000136
MW-23	u	Cadmium	7440-43-9	mg/L	3/11/2015	J	0.000143
MW-24R	u	Cadmium	7440-43-9	mg/L	3/11/2015	ND	
MW-28	d	Cadmium	7440-43-9	mg/L	3/11/2015	ND	
MW-39	d	Cadmium	7440-43-9	mg/L	3/11/2015		0.000614
MW-55	d	Cadmium	7440-43-9	mg/L	3/11/2015	J	0.000368
MW-56	d	Cadmium	7440-43-9	mg/L	3/11/2015	ND	
MW-57	d	Cadmium	7440-43-9	mg/L	3/11/2015	ND	
MW-58	d	Cadmium	7440-43-9	mg/L	3/11/2015	ND	
MW-58	d	Cadmium	7440-43-9	mg/L	3/11/2015	ND	
MW-29	d	Cadmium	7440-43-9	mg/L	6/29/2015	ND	
MW-30R	d	Cadmium	7440-43-9	mg/L	6/29/2015	ND	
MW-31R	d	Cadmium	7440-43-9	mg/L	6/29/2015	ND	
MW-31R	d	Cadmium	7440-43-9	mg/L	6/29/2015	ND	
MW-32R	d	Cadmium	7440-43-9	mg/L	6/29/2015	ND	
MW-33R	d	Cadmium	7440-43-9	mg/L	6/29/2015	J	0.000383
MW-50	d	Cadmium	7440-43-9	mg/L	6/29/2015	ND	
MW-51	d	Cadmium	7440-43-9	mg/L	6/29/2015	ND	
MW-52	d	Cadmium	7440-43-9	mg/L	6/29/2015	ND	
MW-53	d	Cadmium	7440-43-9	mg/L	6/29/2015	ND	
MW-54	d	Cadmium	7440-43-9	mg/L	6/29/2015	ND	
GU-3A	d	Cadmium	7440-43-9	mg/L	9/22/2015	J	0.000317
MW-14R	d	Cadmium	7440-43-9	mg/L	2/15/2016	ND	
MW-14R	d	Cadmium	7440-43-9	mg/L	2/15/2016	J	0.000121
MW-18	d	Cadmium	7440-43-9	mg/L	2/15/2016	J	0.000332
MW-19	d	Cadmium	7440-43-9	mg/L	2/15/2016		0.000628
MW-39	d	Cadmium	7440-43-9	mg/L	2/15/2016	J	0.000159
MW-20	d	Cadmium	7440-43-9	mg/L	2/16/2016	J	0.000114
MW-21	d	Cadmium	7440-43-9	mg/L	2/16/2016	J	0.000307
MW-55	d	Cadmium	7440-43-9	mg/L	2/16/2016	J	0.000161
MW-56	d	Cadmium	7440-43-9	mg/L	2/16/2016	J	0.000156
MW-57	d	Cadmium	7440-43-9	mg/L	2/16/2016	J	0.000274
MW-58	d	Cadmium	7440-43-9	mg/L	2/16/2016	J	0.000166
MW-22R	d	Cadmium	7440-43-9	mg/L	2/17/2016	ND	
MW-23	u	Cadmium	7440-43-9	mg/L	2/17/2016	ND	
MW-24R	u	Cadmium	7440-43-9	mg/L	2/17/2016	ND	
MW-28	d	Cadmium	7440-43-9	mg/L	8/25/2016	J	0.000188
MW-29	d	Cadmium	7440-43-9	mg/L	8/25/2016	ND	
MW-30R	d	Cadmium	7440-43-9	mg/L	8/25/2016	J	0.000117
MW-31R	d	Cadmium	7440-43-9	mg/L	8/25/2016	J	5.80E-05
MW-32R	d	Cadmium	7440-43-9	mg/L	8/25/2016	J	0.000103
MW-33R	d	Cadmium	7440-43-9	mg/L	8/25/2016		0.000536
MW-50	d	Cadmium	7440-43-9	mg/L	8/25/2016	J	0.000153
MW-51	d	Cadmium	7440-43-9	mg/L	8/25/2016	J	0.000101
MW-52	d	Cadmium	7440-43-9	mg/L	8/25/2016	ND	
MW-53	d	Cadmium	7440-43-9	mg/L	8/25/2016	ND	
MW-54	d	Cadmium	7440-43-9	mg/L	8/25/2016	ND	
GU-3A	d	Cadmium	7440-43-9	mg/L	8/26/2016	J	7.40E-05
MW-18	d	Cadmium	7440-43-9	mg/L	1/17/2017	J	0.000113
MW-19	d	Cadmium	7440-43-9	mg/L	1/17/2017	J	9.80E-05
MW-22R	d	Cadmium	7440-43-9	mg/L	1/17/2017	J	0.000137
MW-23	u	Cadmium	7440-43-9	mg/L	1/17/2017	J	4.00E-05
MW-24R	u	Cadmium	7440-43-9	mg/L	1/17/2017	J	5.70E-05

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-28	d	Cadmium	7440-43-9	mg/L	1/17/2017	ND	
MW-28	d	Cadmium	7440-43-9	mg/L	1/17/2017	ND	
MW-39	d	Cadmium	7440-43-9	mg/L	1/17/2017	J	0.000467
MW-50	d	Cadmium	7440-43-9	mg/L	1/17/2017	J	5.70E-05
MW-51	d	Cadmium	7440-43-9	mg/L	1/17/2017	J	8.80E-05
MW-53	d	Cadmium	7440-43-9	mg/L	1/17/2017	ND	
MW-54	d	Cadmium	7440-43-9	mg/L	1/17/2017	ND	
MW-56	d	Cadmium	7440-43-9	mg/L	1/17/2017	J	9.10E-05
GU-3A	d	Cadmium	7440-43-9	mg/L	7/10/2017	ND	
MW-14R	d	Cadmium	7440-43-9	mg/L	7/10/2017	J	0.00017
MW-20	d	Cadmium	7440-43-9	mg/L	7/10/2017	J	0.000138
MW-21	d	Cadmium	7440-43-9	mg/L	7/10/2017		0.000533
MW-29	d	Cadmium	7440-43-9	mg/L	7/10/2017	ND	
MW-30R	d	Cadmium	7440-43-9	mg/L	7/10/2017	J	5.80E-05
MW-31R	d	Cadmium	7440-43-9	mg/L	7/10/2017	ND	
MW-32R	d	Cadmium	7440-43-9	mg/L	7/10/2017	J	6.80E-05
MW-32R	d	Cadmium	7440-43-9	mg/L	7/10/2017	J	5.10E-05
MW-33R	d	Cadmium	7440-43-9	mg/L	7/10/2017	J	0.000357
MW-57	d	Cadmium	7440-43-9	mg/L	7/10/2017	J	6.90E-05
MW-58	d	Cadmium	7440-43-9	mg/L	7/10/2017	ND	
MW-52	d	Cadmium	7440-43-9	mg/L	10/17/2017	J	0.000237
MW-55	d	Cadmium	7440-43-9	mg/L	10/17/2017	J	0.000282
GU-3A	d	Cadmium	7440-43-9	mg/L	4/3/2018		0.00195
GU-3A	d	Cadmium	7440-43-9	mg/L	4/3/2018		0.0045
MW-14R	d	Cadmium	7440-43-9	mg/L	4/3/2018	J	0.000137
MW-20	d	Cadmium	7440-43-9	mg/L	4/3/2018	J	0.000238
MW-21	d	Cadmium	7440-43-9	mg/L	4/3/2018	J	0.000437
MW-29	d	Cadmium	7440-43-9	mg/L	4/3/2018	ND	
MW-30R	d	Cadmium	7440-43-9	mg/L	4/3/2018	ND	
MW-31R	d	Cadmium	7440-43-9	mg/L	4/3/2018	ND	
MW-32R	d	Cadmium	7440-43-9	mg/L	4/3/2018	J	0.000066
MW-33R	d	Cadmium	7440-43-9	mg/L	4/3/2018		0.000568
MW-33R	d	Cadmium	7440-43-9	mg/L	4/3/2018		0.000516
MW-57	d	Cadmium	7440-43-9	mg/L	4/3/2018		0.00243
MW-58	d	Cadmium	7440-43-9	mg/L	4/3/2018		0.00111
MW-23	u	Cadmium	7440-43-9	mg/L	11/1/2018	ND	
MW-24R	u	Cadmium	7440-43-9	mg/L	11/1/2018	ND	
MW-39	d	Cadmium	7440-43-9	mg/L	11/1/2018	J	0.000469
MW-50	d	Cadmium	7440-43-9	mg/L	11/1/2018	ND	
MW-51	d	Cadmium	7440-43-9	mg/L	11/1/2018	ND	
MW-52	d	Cadmium	7440-43-9	mg/L	11/1/2018	J	0.00013
MW-53	d	Cadmium	7440-43-9	mg/L	11/1/2018	ND	
MW-54	d	Cadmium	7440-43-9	mg/L	11/1/2018	ND	
MW-55	d	Cadmium	7440-43-9	mg/L	11/1/2018	J	0.00018
MW-18	d	Cadmium	7440-43-9	mg/L	11/2/2018	ND	
MW-19	d	Cadmium	7440-43-9	mg/L	11/2/2018	J	0.000277
MW-22R	d	Cadmium	7440-43-9	mg/L	11/2/2018	J	0.000265
MW-28	d	Cadmium	7440-43-9	mg/L	11/2/2018	ND	
MW-56	d	Cadmium	7440-43-9	mg/L	11/2/2018	ND	
MW-18	d	Cadmium	7440-43-9	mg/L	5/16/2019	J	0.000302
MW-19	d	Cadmium	7440-43-9	mg/L	5/16/2019	ND	
MW-23	u	Cadmium	7440-43-9	mg/L	5/16/2019	J	0.000108
MW-24R	u	Cadmium	7440-43-9	mg/L	5/16/2019	ND	
MW-28	d	Cadmium	7440-43-9	mg/L	5/16/2019	ND	
MW-39	d	Cadmium	7440-43-9	mg/L	5/16/2019	J	0.000235
MW-55	d	Cadmium	7440-43-9	mg/L	5/16/2019	ND	
MW-50	d	Cadmium	7440-43-9	mg/L	5/20/2019	ND	
MW-51	d	Cadmium	7440-43-9	mg/L	5/20/2019	ND	
MW-52	d	Cadmium	7440-43-9	mg/L	5/20/2019	ND	
MW-54	d	Cadmium	7440-43-9	mg/L	5/20/2019	ND	
MW-56	d	Cadmium	7440-43-9	mg/L	5/20/2019	ND	
MW-53	d	Cadmium	7440-43-9	mg/L	5/21/2019	ND	
MW-14R	d	Cadmium	7440-43-9	mg/L	9/11/2019	ND	
MW-29	d	Cadmium	7440-43-9	mg/L	9/11/2019	ND	
MW-30R	d	Cadmium	7440-43-9	mg/L	9/11/2019	ND	
MW-31R	d	Cadmium	7440-43-9	mg/L	9/11/2019	ND	
MW-32R	d	Cadmium	7440-43-9	mg/L	9/11/2019	ND	
MW-33R	d	Cadmium	7440-43-9	mg/L	9/11/2019		0.000528
MW-58	d	Cadmium	7440-43-9	mg/L	9/11/2019	ND	
GU-3A	d	Cadmium	7440-43-9	mg/L	3/16/2020	ND	
MW-31R	d	Cadmium	7440-43-9	mg/L	3/16/2020	ND	
MW-32R	d	Cadmium	7440-43-9	mg/L	3/16/2020	ND	
MW-33R	d	Cadmium	7440-43-9	mg/L	3/16/2020		0.000899
MW-14R	d	Cadmium	7440-43-9	mg/L	3/17/2020		0.000182
MW-29	d	Cadmium	7440-43-9	mg/L	3/17/2020	ND	
MW-30R	d	Cadmium	7440-43-9	mg/L	3/17/2020	ND	
MW-58	d	Cadmium	7440-43-9	mg/L	3/17/2020	ND	
MW-19	d	Cadmium	7440-43-9	mg/L	7/20/2020	J	0.000068
MW-28	d	Cadmium	7440-43-9	mg/L	7/20/2020		0.000106
MW-51	d	Cadmium	7440-43-9	mg/L	7/20/2020	J	0.000094
MW-55	d	Cadmium	7440-43-9	mg/L	7/20/2020	ND	
MW-56	d	Cadmium	7440-43-9	mg/L	7/20/2020	ND	
MW-57R	d	Cadmium	7440-43-9	mg/L	7/20/2020		0.000909
MW-73	d	Cadmium	7440-43-9	mg/L	7/20/2020		0.000177
MW-18	d	Cadmium	7440-43-9	mg/L	7/21/2020	ND	
MW-39	d	Cadmium	7440-43-9	mg/L	7/21/2020		0.000226
MW-50	d	Cadmium	7440-43-9	mg/L	7/21/2020	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-52	d	Cadmium	7440-43-9	mg/L	7/21/2020	J	0.000064
MW-53	d	Cadmium	7440-43-9	mg/L	7/21/2020	ND	
MW-54	d	Cadmium	7440-43-9	mg/L	7/21/2020	ND	
MW-23	u	Cadmium	7440-43-9	mg/L	7/22/2020		0.000133
MW-24R	u	Cadmium	7440-43-9	mg/L	7/22/2020	ND	
MW-55	d	Cadmium	7440-43-9	mg/L	11/12/2020	ND	
MW-32R	d	Cadmium	7440-43-9	mg/L	8/24/2021		0.000111
MW-33R	d	Cadmium	7440-43-9	mg/L	8/24/2021		0.000527
MW-14R	d	Cadmium	7440-43-9	mg/L	8/24/2021		<0.000100
MW-31R	d	Cadmium	7440-43-9	mg/L	8/24/2021		<0.000100
MW-29	d	Cadmium	7440-43-9	mg/L	8/25/2021		<0.000100
MW-58	d	Cadmium	7440-43-9	mg/L	8/25/2021		<0.000100
MW-30R	d	Cadmium	7440-43-9	mg/L	8/25/2021		<0.000100
MW-57R	d	Cadmium	7440-43-9	mg/L	8/26/2021		0.00101
MW-73	d	Cadmium	7440-43-9	mg/L	8/27/2021		0.00139
GU-3A	d	Cadmium	7440-43-9	mg/L	9/8/2021		<0.000100
MW-24R	u	Cadmium	7440-43-9	mg/L	12/7/2021		<0.000100
MW-28	d	Cadmium	7440-43-9	mg/L	12/7/2021		0.000142
MW-57R	d	Cadmium	7440-43-9	mg/L	12/7/2021		0.000786
MW-73	d	Cadmium	7440-43-9	mg/L	12/7/2021		0.000933
MW-56	d	Cadmium	7440-43-9	mg/L	12/7/2021		<0.000100
MW-19	d	Cadmium	7440-43-9	mg/L	12/7/2021	J	0.000052
MW-18	d	Cadmium	7440-43-9	mg/L	12/7/2021		<0.000100
MW-55	d	Cadmium	7440-43-9	mg/L	12/7/2021		<0.000100
MW-50	d	Cadmium	7440-43-9	mg/L	12/7/2021		<0.000100
MW-23	u	Cadmium	7440-43-9	mg/L	12/8/2021		<0.000100
MW-39	d	Cadmium	7440-43-9	mg/L	12/8/2021		0.000226
MW-51	d	Cadmium	7440-43-9	mg/L	12/8/2021	J	0.000083
MW-52	d	Cadmium	7440-43-9	mg/L	12/8/2021		<0.000100
MW-53	d	Cadmium	7440-43-9	mg/L	12/8/2021		<0.000100
MW-54	d	Cadmium	7440-43-9	mg/L	12/8/2021		<0.000100
MW-68	d	Calcium	7440-70-2	mg/L	6/30/2015		129
MW-69	d	Calcium	7440-70-2	mg/L	6/30/2015		314
MW-70	d	Calcium	7440-70-2	mg/L	6/30/2015		285
MW-72	d	Calcium	7440-70-2	mg/L	6/30/2015		221
PZ-13	d	Calcium	7440-70-2	mg/L	7/1/2015		66.7
MW-68	d	Calcium	7440-70-2	mg/L	9/24/2015		378
MW-69	d	Calcium	7440-70-2	mg/L	9/24/2015		148
MW-70	d	Calcium	7440-70-2	mg/L	9/25/2015		277
MW-72	d	Calcium	7440-70-2	mg/L	9/25/2015		213
PZ-13	d	Calcium	7440-70-2	mg/L	9/25/2015		69.3
MW-14R	d	Calcium	7440-70-2	mg/L	2/15/2016		68.5
MW-68	d	Calcium	7440-70-2	mg/L	2/16/2016		398
MW-69	d	Calcium	7440-70-2	mg/L	2/16/2016		166
MW-53	d	Calcium	7440-70-2	mg/L	2/17/2016		283
PIAEastSump	d	Calcium	7440-70-2	mg/L	2/17/2016		180
PIAWestSump	d	Calcium	7440-70-2	mg/L	2/17/2016		90.7
MW-51	d	Carbon Disulfide	75-15-0	ug/L	1/15/2010	ND	
MW-24R	u	Carbon Disulfide	75-15-0	ug/L	2/11/2010	ND	
MW-53	d	Carbon Disulfide	75-15-0	ug/L	2/11/2010	ND	
GU-3A	d	Carbon Disulfide	75-15-0	ug/L	3/24/2010	ND	
MW-20	d	Carbon Disulfide	75-15-0	ug/L	3/24/2010	ND	
MW-21	d	Carbon Disulfide	75-15-0	ug/L	3/24/2010	ND	
MW-22R	d	Carbon Disulfide	75-15-0	ug/L	3/24/2010	ND	
MW-52	d	Carbon Disulfide	75-15-0	ug/L	3/24/2010	ND	
MW-54	d	Carbon Disulfide	75-15-0	ug/L	3/24/2010	ND	
MW-55	d	Carbon Disulfide	75-15-0	ug/L	3/24/2010	ND	
MW-28	d	Carbon Disulfide	75-15-0	ug/L	4/9/2010	ND	
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	4/9/2010	ND	
MW-50	d	Carbon Disulfide	75-15-0	ug/L	4/9/2010	ND	
MW-56	d	Carbon Disulfide	75-15-0	ug/L	4/9/2010	ND	
MW-57	d	Carbon Disulfide	75-15-0	ug/L	4/9/2010	ND	
MW-58	d	Carbon Disulfide	75-15-0	ug/L	4/9/2010	ND	
MW-32R	d	Carbon Disulfide	75-15-0	ug/L	5/18/2010	ND	
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	6/17/2010	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	6/17/2010	ND	
MW-29	d	Carbon Disulfide	75-15-0	ug/L	6/17/2010	ND	
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	6/17/2010	ND	
MW-31R	d	Carbon Disulfide	75-15-0	ug/L	6/17/2010	ND	
MW-51	d	Carbon Disulfide	75-15-0	ug/L	6/17/2010	ND	
MW-21	d	Carbon Disulfide	75-15-0	ug/L	7/21/2010	ND	
MW-54	d	Carbon Disulfide	75-15-0	ug/L	7/21/2010	ND	
MW-20	d	Carbon Disulfide	75-15-0	ug/L	8/17/2010	ND	
MW-29	d	Carbon Disulfide	75-15-0	ug/L	8/17/2010	ND	
MW-39	d	Carbon Disulfide	75-15-0	ug/L	8/17/2010	ND	
MW-51	d	Carbon Disulfide	75-15-0	ug/L	8/17/2010	ND	
GU-3A	d	Carbon Disulfide	75-15-0	ug/L	9/17/2010	ND	
MW-22R	d	Carbon Disulfide	75-15-0	ug/L	9/17/2010	ND	
MW-55	d	Carbon Disulfide	75-15-0	ug/L	9/17/2010	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	10/22/2010	ND	
MW-24R	u	Carbon Disulfide	75-15-0	ug/L	10/22/2010	ND	
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	10/22/2010	ND	
MW-31R	d	Carbon Disulfide	75-15-0	ug/L	10/22/2010	ND	
MW-50	d	Carbon Disulfide	75-15-0	ug/L	10/22/2010	ND	
MW-53	d	Carbon Disulfide	75-15-0	ug/L	10/22/2010	ND	
MW-56	d	Carbon Disulfide	75-15-0	ug/L	10/22/2010	ND	
MW-58	d	Carbon Disulfide	75-15-0	ug/L	10/22/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	11/8/2010	ND	
MW-32R	d	Carbon Disulfide	75-15-0	ug/L	11/8/2010	ND	
MW-57	d	Carbon Disulfide	75-15-0	ug/L	11/8/2010	ND	
MW-28	d	Carbon Disulfide	75-15-0	ug/L	12/15/2010	ND	
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	12/15/2010	ND	
MW-52	d	Carbon Disulfide	75-15-0	ug/L	12/15/2010	ND	
MW-54	d	Carbon Disulfide	75-15-0	ug/L	1/12/2011	ND	
MW-54	d	Carbon Disulfide	75-15-0	ug/L	1/12/2011	ND	
MW-20	d	Carbon Disulfide	75-15-0	ug/L	2/22/2011	ND	
MW-22R	d	Carbon Disulfide	75-15-0	ug/L	2/22/2011	ND	
MW-51	d	Carbon Disulfide	75-15-0	ug/L	2/22/2011	ND	
MW-52	d	Carbon Disulfide	75-15-0	ug/L	2/22/2011	ND	
MW-53	d	Carbon Disulfide	75-15-0	ug/L	2/22/2011	ND	
MW-55	d	Carbon Disulfide	75-15-0	ug/L	2/22/2011	ND	
GU-3A	d	Carbon Disulfide	75-15-0	ug/L	3/2/2011	ND	
MW-21	d	Carbon Disulfide	75-15-0	ug/L	3/2/2011	ND	
MW-21	d	Carbon Disulfide	75-15-0	ug/L	3/2/2011	ND	
MW-29	d	Carbon Disulfide	75-15-0	ug/L	4/21/2011	ND	
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	4/21/2011	ND	
MW-31R	d	Carbon Disulfide	75-15-0	ug/L	4/21/2011	ND	
MW-31R	d	Carbon Disulfide	75-15-0	ug/L	4/21/2011	ND	
MW-32R	d	Carbon Disulfide	75-15-0	ug/L	4/21/2011	ND	
MW-54	d	Carbon Disulfide	75-15-0	ug/L	5/31/2011	ND	
MW-56	d	Carbon Disulfide	75-15-0	ug/L	5/31/2011	ND	
MW-57	d	Carbon Disulfide	75-15-0	ug/L	5/31/2011	ND	
MW-58	d	Carbon Disulfide	75-15-0	ug/L	5/31/2011	ND	
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	6/7/2011	ND	
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	6/7/2011	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	6/7/2011	ND	
MW-28	d	Carbon Disulfide	75-15-0	ug/L	6/7/2011	ND	
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	6/7/2011	ND	
MW-39	d	Carbon Disulfide	75-15-0	ug/L	6/7/2011	ND	
MW-50	d	Carbon Disulfide	75-15-0	ug/L	6/7/2011	ND	
MW-52	d	Carbon Disulfide	75-15-0	ug/L	7/22/2011	ND	
MW-56	d	Carbon Disulfide	75-15-0	ug/L	7/22/2011	ND	
MW-58	d	Carbon Disulfide	75-15-0	ug/L	7/22/2011	ND	
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	8/29/2011	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	8/29/2011	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	8/29/2011	ND	
MW-32R	d	Carbon Disulfide	75-15-0	ug/L	8/29/2011	ND	
GU-3A	d	Carbon Disulfide	75-15-0	ug/L	9/9/2011	ND	
MW-22R	d	Carbon Disulfide	75-15-0	ug/L	9/9/2011	ND	
MW-28	d	Carbon Disulfide	75-15-0	ug/L	9/9/2011	ND	
MW-29	d	Carbon Disulfide	75-15-0	ug/L	9/9/2011	ND	
MW-51	d	Carbon Disulfide	75-15-0	ug/L	9/9/2011	ND	
MW-53	d	Carbon Disulfide	75-15-0	ug/L	9/9/2011	ND	
MW-53	d	Carbon Disulfide	75-15-0	ug/L	9/9/2011	ND	
MW-21	d	Carbon Disulfide	75-15-0	ug/L	10/4/2011	ND	
MW-50	d	Carbon Disulfide	75-15-0	ug/L	10/4/2011	ND	
MW-50	d	Carbon Disulfide	75-15-0	ug/L	10/4/2011	ND	
MW-54	d	Carbon Disulfide	75-15-0	ug/L	10/4/2011	ND	
MW-57	d	Carbon Disulfide	75-15-0	ug/L	10/4/2011	ND	
MW-20	d	Carbon Disulfide	75-15-0	ug/L	11/29/2011	ND	
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	11/29/2011	ND	
MW-52	d	Carbon Disulfide	75-15-0	ug/L	11/29/2011	ND	
MW-55	d	Carbon Disulfide	75-15-0	ug/L	11/29/2011	ND	
MW-31R	d	Carbon Disulfide	75-15-0	ug/L	12/16/2011	ND	
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	12/16/2011	ND	
MW-39	d	Carbon Disulfide	75-15-0	ug/L	12/16/2011	ND	
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	3/8/2012	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	3/8/2012	ND	
MW-20	d	Carbon Disulfide	75-15-0	ug/L	3/8/2012	ND	
MW-21	d	Carbon Disulfide	75-15-0	ug/L	3/8/2012	ND	
MW-22R	d	Carbon Disulfide	75-15-0	ug/L	3/8/2012	ND	
MW-28	d	Carbon Disulfide	75-15-0	ug/L	3/8/2012	ND	
MW-39	d	Carbon Disulfide	75-15-0	ug/L	3/8/2012	ND	
MW-55	d	Carbon Disulfide	75-15-0	ug/L	3/8/2012	ND	
MW-56	d	Carbon Disulfide	75-15-0	ug/L	3/8/2012	ND	
MW-57	d	Carbon Disulfide	75-15-0	ug/L	3/8/2012	ND	
MW-58	d	Carbon Disulfide	75-15-0	ug/L	3/8/2012	ND	
GU-3A	d	Carbon Disulfide	75-15-0	ug/L	6/13/2012	ND	
MW-29	d	Carbon Disulfide	75-15-0	ug/L	6/13/2012	ND	
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	6/13/2012	ND	
MW-31R	d	Carbon Disulfide	75-15-0	ug/L	6/13/2012	ND	
MW-32R	d	Carbon Disulfide	75-15-0	ug/L	6/13/2012	ND	
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	6/13/2012	ND	
MW-50	d	Carbon Disulfide	75-15-0	ug/L	6/13/2012	ND	
MW-50	d	Carbon Disulfide	75-15-0	ug/L	6/13/2012	ND	
MW-51	d	Carbon Disulfide	75-15-0	ug/L	6/13/2012	ND	
MW-52	d	Carbon Disulfide	75-15-0	ug/L	6/13/2012	ND	
MW-53	d	Carbon Disulfide	75-15-0	ug/L	6/13/2012	ND	
MW-54	d	Carbon Disulfide	75-15-0	ug/L	6/13/2012	ND	
GU-3A	d	Carbon Disulfide	75-15-0	ug/L	9/4/2012	ND	
MW-20	d	Carbon Disulfide	75-15-0	ug/L	9/4/2012	ND	
MW-21	d	Carbon Disulfide	75-15-0	ug/L	9/4/2012	ND	
MW-22R	d	Carbon Disulfide	75-15-0	ug/L	9/4/2012	ND	
MW-50	d	Carbon Disulfide	75-15-0	ug/L	9/4/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-51	d	Carbon Disulfide	75-15-0	ug/L	9/4/2012	ND	
MW-52	d	Carbon Disulfide	75-15-0	ug/L	9/4/2012	ND	
MW-53	d	Carbon Disulfide	75-15-0	ug/L	9/4/2012	ND	
MW-54	d	Carbon Disulfide	75-15-0	ug/L	9/4/2012	ND	
MW-54	d	Carbon Disulfide	75-15-0	ug/L	9/4/2012	ND	
MW-57	d	Carbon Disulfide	75-15-0	ug/L	9/4/2012	ND	
MW-58	d	Carbon Disulfide	75-15-0	ug/L	9/4/2012	ND	
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	12/19/2012	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	12/19/2012	ND	
MW-28	d	Carbon Disulfide	75-15-0	ug/L	12/19/2012	ND	
MW-29	d	Carbon Disulfide	75-15-0	ug/L	12/19/2012	ND	
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	12/19/2012	ND	
MW-31R	d	Carbon Disulfide	75-15-0	ug/L	12/19/2012	ND	
MW-32R	d	Carbon Disulfide	75-15-0	ug/L	12/19/2012	ND	
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	12/19/2012	ND	
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	12/19/2012	ND	
MW-39	d	Carbon Disulfide	75-15-0	ug/L	12/19/2012	ND	
MW-55	d	Carbon Disulfide	75-15-0	ug/L	12/19/2012	ND	
MW-56	d	Carbon Disulfide	75-15-0	ug/L	12/19/2012	ND	
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	3/11/2013	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	3/11/2013	ND	
MW-28	d	Carbon Disulfide	75-15-0	ug/L	3/11/2013	ND	
MW-39	d	Carbon Disulfide	75-15-0	ug/L	3/11/2013	ND	
MW-50	d	Carbon Disulfide	75-15-0	ug/L	3/11/2013	ND	
MW-50	d	Carbon Disulfide	75-15-0	ug/L	3/11/2013	ND	
MW-51	d	Carbon Disulfide	75-15-0	ug/L	3/11/2013	ND	
MW-52	d	Carbon Disulfide	75-15-0	ug/L	3/11/2013	ND	
MW-53	d	Carbon Disulfide	75-15-0	ug/L	3/11/2013	ND	
MW-54	d	Carbon Disulfide	75-15-0	ug/L	3/11/2013	ND	
MW-55	d	Carbon Disulfide	75-15-0	ug/L	3/11/2013	ND	
MW-56	d	Carbon Disulfide	75-15-0	ug/L	3/11/2013	ND	
MW-20	d	Carbon Disulfide	75-15-0	ug/L	6/10/2013	ND	
MW-20	d	Carbon Disulfide	75-15-0	ug/L	6/10/2013	ND	
MW-21	d	Carbon Disulfide	75-15-0	ug/L	6/10/2013	ND	
MW-22R	d	Carbon Disulfide	75-15-0	ug/L	6/10/2013	ND	
MW-29	d	Carbon Disulfide	75-15-0	ug/L	6/10/2013	ND	
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	6/10/2013	ND	
MW-31R	d	Carbon Disulfide	75-15-0	ug/L	6/10/2013	ND	
MW-32R	d	Carbon Disulfide	75-15-0	ug/L	6/10/2013	ND	
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	6/10/2013	ND	
MW-57	d	Carbon Disulfide	75-15-0	ug/L	6/10/2013	ND	
MW-58	d	Carbon Disulfide	75-15-0	ug/L	6/10/2013	ND	
GU-3A	d	Carbon Disulfide	75-15-0	ug/L	9/10/2013	ND	
MW-31R	d	Carbon Disulfide	75-15-0	ug/L	9/10/2013	ND	
MW-31R	d	Carbon Disulfide	75-15-0	ug/L	9/10/2013	ND	
MW-32R	d	Carbon Disulfide	75-15-0	ug/L	9/10/2013	ND	
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	9/10/2013	ND	
MW-50	d	Carbon Disulfide	75-15-0	ug/L	9/10/2013	ND	
MW-51	d	Carbon Disulfide	75-15-0	ug/L	9/10/2013	ND	
MW-52	d	Carbon Disulfide	75-15-0	ug/L	9/10/2013	ND	
MW-53	d	Carbon Disulfide	75-15-0	ug/L	9/10/2013	ND	
MW-54	d	Carbon Disulfide	75-15-0	ug/L	9/10/2013	ND	
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	12/18/2013	ND	
MW-18	d	Carbon Disulfide	75-15-0	ug/L	12/18/2013	J	0.357
MW-19	d	Carbon Disulfide	75-15-0	ug/L	12/18/2013	ND	
MW-20	d	Carbon Disulfide	75-15-0	ug/L	12/18/2013	ND	
MW-21	d	Carbon Disulfide	75-15-0	ug/L	12/18/2013	ND	
MW-22R	d	Carbon Disulfide	75-15-0	ug/L	12/18/2013	ND	
MW-28	d	Carbon Disulfide	75-15-0	ug/L	12/18/2013	ND	
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	12/18/2013	ND	
MW-39	d	Carbon Disulfide	75-15-0	ug/L	12/18/2013	ND	
MW-39	d	Carbon Disulfide	75-15-0	ug/L	12/18/2013	ND	
MW-55	d	Carbon Disulfide	75-15-0	ug/L	12/18/2013	ND	
MW-18	d	Carbon Disulfide	75-15-0	ug/L	3/20/2014	J	0.545
MW-20	d	Carbon Disulfide	75-15-0	ug/L	3/20/2014	ND	
MW-21	d	Carbon Disulfide	75-15-0	ug/L	3/20/2014	ND	
MW-21	d	Carbon Disulfide	75-15-0	ug/L	3/20/2014	ND	
MW-22R	d	Carbon Disulfide	75-15-0	ug/L	3/20/2014	ND	
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	3/20/2014	ND	
MW-31R	d	Carbon Disulfide	75-15-0	ug/L	3/20/2014	ND	
MW-32R	d	Carbon Disulfide	75-15-0	ug/L	3/20/2014	ND	
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	3/20/2014	ND	
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	6/24/2014	ND	
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	6/24/2014	ND	
MW-18	d	Carbon Disulfide	75-15-0	ug/L	6/24/2014	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	6/24/2014	ND	
MW-28	d	Carbon Disulfide	75-15-0	ug/L	6/24/2014	ND	
MW-39	d	Carbon Disulfide	75-15-0	ug/L	6/24/2014	ND	
MW-50	d	Carbon Disulfide	75-15-0	ug/L	6/24/2014	ND	
MW-51	d	Carbon Disulfide	75-15-0	ug/L	6/24/2014	ND	
MW-52	d	Carbon Disulfide	75-15-0	ug/L	6/24/2014	ND	
MW-53	d	Carbon Disulfide	75-15-0	ug/L	6/24/2014	ND	
MW-54	d	Carbon Disulfide	75-15-0	ug/L	6/24/2014	ND	
MW-55	d	Carbon Disulfide	75-15-0	ug/L	6/24/2014	ND	
MW-58	d	Carbon Disulfide	75-15-0	ug/L	6/24/2014	ND	
MW-29	d	Carbon Disulfide	75-15-0	ug/L	7/24/2014	ND	
MW-56	d	Carbon Disulfide	75-15-0	ug/L	7/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57	d	Carbon Disulfide	75-15-0	ug/L	7/24/2014	J	0.35
GU-3A	d	Carbon Disulfide	75-15-0	ug/L	9/24/2014	ND	
MW-18	d	Carbon Disulfide	75-15-0	ug/L	9/24/2014	ND	
MW-29	d	Carbon Disulfide	75-15-0	ug/L	9/24/2014	ND	
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	9/24/2014	ND	
MW-31R	d	Carbon Disulfide	75-15-0	ug/L	9/24/2014	ND	
MW-31R	d	Carbon Disulfide	75-15-0	ug/L	9/24/2014	ND	
MW-32R	d	Carbon Disulfide	75-15-0	ug/L	9/24/2014	ND	
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	9/24/2014	ND	
MW-50	d	Carbon Disulfide	75-15-0	ug/L	9/24/2014	ND	
MW-51	d	Carbon Disulfide	75-15-0	ug/L	9/24/2014	ND	
MW-52	d	Carbon Disulfide	75-15-0	ug/L	9/24/2014	ND	
MW-53	d	Carbon Disulfide	75-15-0	ug/L	9/24/2014	ND	
MW-54	d	Carbon Disulfide	75-15-0	ug/L	9/24/2014	ND	
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	12/4/2014	ND	
MW-18	d	Carbon Disulfide	75-15-0	ug/L	12/4/2014	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	12/4/2014	J	0.163
MW-20	d	Carbon Disulfide	75-15-0	ug/L	12/4/2014	ND	
MW-21	d	Carbon Disulfide	75-15-0	ug/L	12/4/2014	ND	
MW-22R	d	Carbon Disulfide	75-15-0	ug/L	12/4/2014	ND	
MW-28	d	Carbon Disulfide	75-15-0	ug/L	12/4/2014	ND	
MW-39	d	Carbon Disulfide	75-15-0	ug/L	12/4/2014	ND	
MW-56	d	Carbon Disulfide	75-15-0	ug/L	12/4/2014	J	0.165
MW-57	d	Carbon Disulfide	75-15-0	ug/L	12/4/2014	ND	
MW-57	d	Carbon Disulfide	75-15-0	ug/L	12/4/2014	ND	
MW-58	d	Carbon Disulfide	75-15-0	ug/L	12/4/2014	ND	
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	3/11/2015	ND	
MW-18	d	Carbon Disulfide	75-15-0	ug/L	3/11/2015	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	3/11/2015	ND	
MW-20	d	Carbon Disulfide	75-15-0	ug/L	3/11/2015	ND	
MW-21	d	Carbon Disulfide	75-15-0	ug/L	3/11/2015	ND	
MW-22R	d	Carbon Disulfide	75-15-0	ug/L	3/11/2015	ND	
MW-28	d	Carbon Disulfide	75-15-0	ug/L	3/11/2015	ND	
MW-39	d	Carbon Disulfide	75-15-0	ug/L	3/11/2015	ND	
MW-55	d	Carbon Disulfide	75-15-0	ug/L	3/11/2015	ND	
MW-56	d	Carbon Disulfide	75-15-0	ug/L	3/11/2015	ND	
MW-57	d	Carbon Disulfide	75-15-0	ug/L	3/11/2015	ND	
MW-58	d	Carbon Disulfide	75-15-0	ug/L	3/11/2015	ND	
MW-58	d	Carbon Disulfide	75-15-0	ug/L	3/11/2015	ND	
MW-29	d	Carbon Disulfide	75-15-0	ug/L	6/29/2015	ND	
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	6/29/2015	ND	
MW-31R	d	Carbon Disulfide	75-15-0	ug/L	6/29/2015	ND	
MW-31R	d	Carbon Disulfide	75-15-0	ug/L	6/29/2015	ND	
MW-32R	d	Carbon Disulfide	75-15-0	ug/L	6/29/2015	ND	
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	6/29/2015	ND	
MW-50	d	Carbon Disulfide	75-15-0	ug/L	6/29/2015	ND	
MW-51	d	Carbon Disulfide	75-15-0	ug/L	6/29/2015	ND	
MW-52	d	Carbon Disulfide	75-15-0	ug/L	6/29/2015	ND	
MW-53	d	Carbon Disulfide	75-15-0	ug/L	6/29/2015	ND	
MW-54	d	Carbon Disulfide	75-15-0	ug/L	6/29/2015	ND	
GU-3A	d	Carbon Disulfide	75-15-0	ug/L	9/22/2015	ND	
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	2/15/2016	ND	
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	2/15/2016	ND	
MW-18	d	Carbon Disulfide	75-15-0	ug/L	2/15/2016	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	2/15/2016	ND	
MW-39	d	Carbon Disulfide	75-15-0	ug/L	2/15/2016	ND	
MW-20	d	Carbon Disulfide	75-15-0	ug/L	2/16/2016	ND	
MW-21	d	Carbon Disulfide	75-15-0	ug/L	2/16/2016	ND	
MW-55	d	Carbon Disulfide	75-15-0	ug/L	2/16/2016	ND	
MW-56	d	Carbon Disulfide	75-15-0	ug/L	2/16/2016	ND	
MW-57	d	Carbon Disulfide	75-15-0	ug/L	2/16/2016	ND	
MW-58	d	Carbon Disulfide	75-15-0	ug/L	2/16/2016	ND	
MW-22R	d	Carbon Disulfide	75-15-0	ug/L	2/17/2016	ND	
MW-28	d	Carbon Disulfide	75-15-0	ug/L	8/25/2016	ND	
MW-29	d	Carbon Disulfide	75-15-0	ug/L	8/25/2016	ND	
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	8/25/2016	ND	
MW-31R	d	Carbon Disulfide	75-15-0	ug/L	8/25/2016	ND	
MW-32R	d	Carbon Disulfide	75-15-0	ug/L	8/25/2016	ND	
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	8/25/2016	ND	
MW-50	d	Carbon Disulfide	75-15-0	ug/L	8/25/2016	ND	
MW-51	d	Carbon Disulfide	75-15-0	ug/L	8/25/2016	ND	
MW-52	d	Carbon Disulfide	75-15-0	ug/L	8/25/2016	ND	
MW-53	d	Carbon Disulfide	75-15-0	ug/L	8/25/2016	ND	
MW-54	d	Carbon Disulfide	75-15-0	ug/L	8/25/2016	ND	
GU-3A	d	Carbon Disulfide	75-15-0	ug/L	8/26/2016	ND	
MW-18	d	Carbon Disulfide	75-15-0	ug/L	1/17/2017	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	1/17/2017	ND	
MW-22R	d	Carbon Disulfide	75-15-0	ug/L	1/17/2017	ND	
MW-28	d	Carbon Disulfide	75-15-0	ug/L	1/17/2017	ND	
MW-28	d	Carbon Disulfide	75-15-0	ug/L	1/17/2017	ND	
MW-39	d	Carbon Disulfide	75-15-0	ug/L	1/17/2017	ND	
MW-50	d	Carbon Disulfide	75-15-0	ug/L	1/17/2017	ND	
MW-51	d	Carbon Disulfide	75-15-0	ug/L	1/17/2017	ND	
MW-53	d	Carbon Disulfide	75-15-0	ug/L	1/17/2017	ND	
MW-54	d	Carbon Disulfide	75-15-0	ug/L	1/17/2017	ND	
MW-56	d	Carbon Disulfide	75-15-0	ug/L	1/17/2017	ND	
GU-3A	d	Carbon Disulfide	75-15-0	ug/L	7/10/2017	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	7/10/2017	ND	
MW-20	d	Carbon Disulfide	75-15-0	ug/L	7/10/2017	ND	
MW-21	d	Carbon Disulfide	75-15-0	ug/L	7/10/2017	ND	
MW-29	d	Carbon Disulfide	75-15-0	ug/L	7/10/2017	J	0.197
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	7/10/2017	ND	
MW-31R	d	Carbon Disulfide	75-15-0	ug/L	7/10/2017	ND	
MW-32R	d	Carbon Disulfide	75-15-0	ug/L	7/10/2017	ND	
MW-32R	d	Carbon Disulfide	75-15-0	ug/L	7/10/2017	ND	
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	7/10/2017	ND	
MW-57	d	Carbon Disulfide	75-15-0	ug/L	7/10/2017	ND	
MW-58	d	Carbon Disulfide	75-15-0	ug/L	7/10/2017	J	0.322
MW-52	d	Carbon Disulfide	75-15-0	ug/L	10/17/2017	ND	
MW-55	d	Carbon Disulfide	75-15-0	ug/L	10/17/2017	ND	
GU-3A	d	Carbon Disulfide	75-15-0	ug/L	4/3/2018	ND	
GU-3A	d	Carbon Disulfide	75-15-0	ug/L	4/3/2018	ND	
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	4/3/2018	ND	
MW-20	d	Carbon Disulfide	75-15-0	ug/L	4/3/2018	ND	
MW-21	d	Carbon Disulfide	75-15-0	ug/L	4/3/2018	ND	
MW-29	d	Carbon Disulfide	75-15-0	ug/L	4/3/2018	ND	
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	4/3/2018	ND	
MW-31R	d	Carbon Disulfide	75-15-0	ug/L	4/3/2018	ND	
MW-32R	d	Carbon Disulfide	75-15-0	ug/L	4/3/2018	ND	
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	4/3/2018	ND	
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	4/3/2018	ND	
MW-57	d	Carbon Disulfide	75-15-0	ug/L	4/3/2018	ND	
MW-58	d	Carbon Disulfide	75-15-0	ug/L	4/3/2018	ND	
MW-39	d	Carbon Disulfide	75-15-0	ug/L	11/1/2018	ND	
MW-50	d	Carbon Disulfide	75-15-0	ug/L	11/1/2018	ND	
MW-51	d	Carbon Disulfide	75-15-0	ug/L	11/1/2018	ND	
MW-52	d	Carbon Disulfide	75-15-0	ug/L	11/1/2018	ND	
MW-53	d	Carbon Disulfide	75-15-0	ug/L	11/1/2018	ND	
MW-54	d	Carbon Disulfide	75-15-0	ug/L	11/1/2018	ND	
MW-55	d	Carbon Disulfide	75-15-0	ug/L	11/1/2018	ND	
MW-18	d	Carbon Disulfide	75-15-0	ug/L	11/2/2018	NDF2	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	11/2/2018	ND	
MW-22R	d	Carbon Disulfide	75-15-0	ug/L	11/2/2018	ND	
MW-28	d	Carbon Disulfide	75-15-0	ug/L	11/2/2018	ND	
MW-56	d	Carbon Disulfide	75-15-0	ug/L	11/2/2018	NDH	
MW-18	d	Carbon Disulfide	75-15-0	ug/L	5/16/2019	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	5/16/2019	ND	
MW-23	u	Carbon Disulfide	75-15-0	ug/L	5/16/2019	ND	
MW-24R	u	Carbon Disulfide	75-15-0	ug/L	5/16/2019	ND	
MW-28	d	Carbon Disulfide	75-15-0	ug/L	5/16/2019	ND	
MW-55	d	Carbon Disulfide	75-15-0	ug/L	5/16/2019	ND	
MW-50	d	Carbon Disulfide	75-15-0	ug/L	5/20/2019	ND	
MW-51	d	Carbon Disulfide	75-15-0	ug/L	5/20/2019	ND	
MW-52	d	Carbon Disulfide	75-15-0	ug/L	5/20/2019	ND	
MW-54	d	Carbon Disulfide	75-15-0	ug/L	5/20/2019	ND	
MW-56	d	Carbon Disulfide	75-15-0	ug/L	5/20/2019	ND	
MW-53	d	Carbon Disulfide	75-15-0	ug/L	5/21/2019	ND	
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	9/11/2019	ND	
MW-29	d	Carbon Disulfide	75-15-0	ug/L	9/11/2019	ND	
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	9/11/2019	ND	
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	9/11/2019	ND	
MW-58	d	Carbon Disulfide	75-15-0	ug/L	9/11/2019	ND	
GU-3A	d	Carbon Disulfide	75-15-0	ug/L	3/16/2020	ND	
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	3/16/2020	ND	
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	3/17/2020	ND	
MW-29	d	Carbon Disulfide	75-15-0	ug/L	3/17/2020	ND	
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	3/17/2020	ND	
MW-58	d	Carbon Disulfide	75-15-0	ug/L	3/17/2020	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	7/20/2020	ND	
MW-28	d	Carbon Disulfide	75-15-0	ug/L	7/20/2020	ND	
MW-51	d	Carbon Disulfide	75-15-0	ug/L	7/20/2020	J	0.538
MW-55	d	Carbon Disulfide	75-15-0	ug/L	7/20/2020	J	0.532
MW-56	d	Carbon Disulfide	75-15-0	ug/L	7/20/2020	J	0.483
MW-57R	d	Carbon Disulfide	75-15-0	ug/L	7/20/2020	J	0.522
MW-73	d	Carbon Disulfide	75-15-0	ug/L	7/20/2020	ND	
MW-18	d	Carbon Disulfide	75-15-0	ug/L	7/21/2020	ND	
MW-50	d	Carbon Disulfide	75-15-0	ug/L	7/21/2020	ND	
MW-52	d	Carbon Disulfide	75-15-0	ug/L	7/21/2020	ND	
MW-53	d	Carbon Disulfide	75-15-0	ug/L	7/21/2020	J	0.662
MW-54	d	Carbon Disulfide	75-15-0	ug/L	7/21/2020	ND	
MW-23	u	Carbon Disulfide	75-15-0	ug/L	7/22/2020	ND	
MW-24R	u	Carbon Disulfide	75-15-0	ug/L	7/22/2020	ND	
MW-55	d	Carbon Disulfide	75-15-0	ug/L	11/12/2020	ND	
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	8/24/2021		<1.00
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	8/24/2021		<1.00
MW-29	d	Carbon Disulfide	75-15-0	ug/L	8/25/2021		<1.00
MW-58	d	Carbon Disulfide	75-15-0	ug/L	8/25/2021		<1.00
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	8/25/2021		<1.00
MW-68	d	Carbon Disulfide	75-15-0	ug/L	8/25/2021		<1.00
MW-69	d	Carbon Disulfide	75-15-0	ug/L	8/25/2021		<1.00
MW-70	d	Carbon Disulfide	75-15-0	ug/L	8/26/2021		<1.00
MW-57R	d	Carbon Disulfide	75-15-0	ug/L	8/26/2021		<1.00
PZ-13	d	Carbon Disulfide	75-15-0	ug/L	8/27/2021		<1.00
MW-73	d	Carbon Disulfide	75-15-0	ug/L	8/27/2021		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
GU-3A	d	Carbon Disulfide	75-15-0	ug/L	9/8/2021		<1.00
MW-24R	u	Carbon Disulfide	75-15-0	ug/L	12/7/2021		<1.00
MW-28	d	Carbon Disulfide	75-15-0	ug/L	12/7/2021		<1.00
MW-57R	d	Carbon Disulfide	75-15-0	ug/L	12/7/2021		<1.00
MW-73	d	Carbon Disulfide	75-15-0	ug/L	12/7/2021		<1.00
MW-56	d	Carbon Disulfide	75-15-0	ug/L	12/7/2021		<1.00
MW-19	d	Carbon Disulfide	75-15-0	ug/L	12/7/2021		<1.00
MW-18	d	Carbon Disulfide	75-15-0	ug/L	12/7/2021		<1.00
MW-55	d	Carbon Disulfide	75-15-0	ug/L	12/7/2021		<1.00
MW-50	d	Carbon Disulfide	75-15-0	ug/L	12/7/2021		<1.00
MW-23	u	Carbon Disulfide	75-15-0	ug/L	12/8/2021		<1.00
MW-39	d	Carbon Disulfide	75-15-0	ug/L	12/8/2021		<1.00
MW-51	d	Carbon Disulfide	75-15-0	ug/L	12/8/2021		<1.00
MW-52	d	Carbon Disulfide	75-15-0	ug/L	12/8/2021		<1.00
MW-53	d	Carbon Disulfide	75-15-0	ug/L	12/8/2021		<1.00
MW-54	d	Carbon Disulfide	75-15-0	ug/L	12/8/2021		<1.00
MW-51	d	Carbon Tetrachloride	56-23-5	ug/L	1/15/2010	ND	
MW-24R	u	Carbon Tetrachloride	56-23-5	ug/L	2/11/2010	ND	
MW-53	d	Carbon Tetrachloride	56-23-5	ug/L	2/11/2010	ND	
GU-3A	d	Carbon Tetrachloride	56-23-5	ug/L	3/24/2010	ND	
MW-20	d	Carbon Tetrachloride	56-23-5	ug/L	3/24/2010	ND	
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	3/24/2010	ND	
MW-22R	d	Carbon Tetrachloride	56-23-5	ug/L	3/24/2010	ND	
MW-52	d	Carbon Tetrachloride	56-23-5	ug/L	3/24/2010	ND	
MW-54	d	Carbon Tetrachloride	56-23-5	ug/L	3/24/2010	ND	
MW-55	d	Carbon Tetrachloride	56-23-5	ug/L	3/24/2010	ND	
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	4/9/2010	ND	
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	4/9/2010	ND	
MW-50	d	Carbon Tetrachloride	56-23-5	ug/L	4/9/2010	ND	
MW-56	d	Carbon Tetrachloride	56-23-5	ug/L	4/9/2010	ND	
MW-57	d	Carbon Tetrachloride	56-23-5	ug/L	4/9/2010	ND	
MW-58	d	Carbon Tetrachloride	56-23-5	ug/L	4/9/2010	ND	
MW-32R	d	Carbon Tetrachloride	56-23-5	ug/L	5/18/2010	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	6/17/2010	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	6/17/2010	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	6/17/2010	ND	
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	6/17/2010	ND	
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	6/17/2010	ND	
MW-51	d	Carbon Tetrachloride	56-23-5	ug/L	6/17/2010	ND	
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	7/21/2010	ND	
MW-54	d	Carbon Tetrachloride	56-23-5	ug/L	7/21/2010	ND	
MW-20	d	Carbon Tetrachloride	56-23-5	ug/L	8/17/2010	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	8/17/2010	ND	
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	8/17/2010	ND	
MW-51	d	Carbon Tetrachloride	56-23-5	ug/L	8/17/2010	ND	
GU-3A	d	Carbon Tetrachloride	56-23-5	ug/L	9/17/2010	ND	
MW-22R	d	Carbon Tetrachloride	56-23-5	ug/L	9/17/2010	ND	
MW-55	d	Carbon Tetrachloride	56-23-5	ug/L	9/17/2010	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	10/22/2010	ND	
MW-24R	u	Carbon Tetrachloride	56-23-5	ug/L	10/22/2010	ND	
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	10/22/2010	ND	
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	10/22/2010	ND	
MW-50	d	Carbon Tetrachloride	56-23-5	ug/L	10/22/2010	ND	
MW-53	d	Carbon Tetrachloride	56-23-5	ug/L	10/22/2010	ND	
MW-56	d	Carbon Tetrachloride	56-23-5	ug/L	10/22/2010	ND	
MW-58	d	Carbon Tetrachloride	56-23-5	ug/L	10/22/2010	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	11/8/2010	ND	
MW-32R	d	Carbon Tetrachloride	56-23-5	ug/L	11/8/2010	ND	
MW-57	d	Carbon Tetrachloride	56-23-5	ug/L	11/8/2010	ND	
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	12/15/2010	ND	
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	12/15/2010	ND	
MW-52	d	Carbon Tetrachloride	56-23-5	ug/L	12/15/2010	ND	
MW-54	d	Carbon Tetrachloride	56-23-5	ug/L	1/12/2011	ND	
MW-54	d	Carbon Tetrachloride	56-23-5	ug/L	1/12/2011	ND	
MW-20	d	Carbon Tetrachloride	56-23-5	ug/L	2/22/2011	ND	
MW-22R	d	Carbon Tetrachloride	56-23-5	ug/L	2/22/2011	ND	
MW-51	d	Carbon Tetrachloride	56-23-5	ug/L	2/22/2011	ND	
MW-52	d	Carbon Tetrachloride	56-23-5	ug/L	2/22/2011	ND	
MW-53	d	Carbon Tetrachloride	56-23-5	ug/L	2/22/2011	ND	
MW-55	d	Carbon Tetrachloride	56-23-5	ug/L	2/22/2011	ND	
GU-3A	d	Carbon Tetrachloride	56-23-5	ug/L	3/2/2011	ND	
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	3/2/2011	ND	
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	3/2/2011	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	4/21/2011	ND	
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	4/21/2011	ND	
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	4/21/2011	ND	
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	4/21/2011	ND	
MW-32R	d	Carbon Tetrachloride	56-23-5	ug/L	4/21/2011	ND	
MW-54	d	Carbon Tetrachloride	56-23-5	ug/L	5/31/2011	ND	
MW-56	d	Carbon Tetrachloride	56-23-5	ug/L	5/31/2011	ND	
MW-57	d	Carbon Tetrachloride	56-23-5	ug/L	5/31/2011	ND	
MW-58	d	Carbon Tetrachloride	56-23-5	ug/L	5/31/2011	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	6/7/2011	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	6/7/2011	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	6/7/2011	ND	
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	6/7/2011	ND	
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	6/7/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	6/7/2011	ND	
MW-50	d	Carbon Tetrachloride	56-23-5	ug/L	6/7/2011	ND	
MW-52	d	Carbon Tetrachloride	56-23-5	ug/L	7/22/2011	ND	
MW-56	d	Carbon Tetrachloride	56-23-5	ug/L	7/22/2011	ND	
MW-58	d	Carbon Tetrachloride	56-23-5	ug/L	7/22/2011	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	8/29/2011	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	8/29/2011	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	8/29/2011	ND	
MW-32R	d	Carbon Tetrachloride	56-23-5	ug/L	8/29/2011	ND	
GU-3A	d	Carbon Tetrachloride	56-23-5	ug/L	9/9/2011	ND	
MW-22R	d	Carbon Tetrachloride	56-23-5	ug/L	9/9/2011	ND	
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	9/9/2011	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	9/9/2011	ND	
MW-51	d	Carbon Tetrachloride	56-23-5	ug/L	9/9/2011	ND	
MW-53	d	Carbon Tetrachloride	56-23-5	ug/L	9/9/2011	ND	
MW-53	d	Carbon Tetrachloride	56-23-5	ug/L	9/9/2011	ND	
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	10/4/2011	ND	
MW-50	d	Carbon Tetrachloride	56-23-5	ug/L	10/4/2011	ND	
MW-50	d	Carbon Tetrachloride	56-23-5	ug/L	10/4/2011	ND	
MW-54	d	Carbon Tetrachloride	56-23-5	ug/L	10/4/2011	ND	
MW-57	d	Carbon Tetrachloride	56-23-5	ug/L	10/4/2011	ND	
MW-20	d	Carbon Tetrachloride	56-23-5	ug/L	11/29/2011	ND	
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	11/29/2011	ND	
MW-52	d	Carbon Tetrachloride	56-23-5	ug/L	11/29/2011	ND	
MW-55	d	Carbon Tetrachloride	56-23-5	ug/L	11/29/2011	ND	
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	12/16/2011	ND	
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	12/16/2011	ND	
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	12/16/2011	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	3/8/2012	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	3/8/2012	ND	
MW-20	d	Carbon Tetrachloride	56-23-5	ug/L	3/8/2012	ND	
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	3/8/2012	ND	
MW-22R	d	Carbon Tetrachloride	56-23-5	ug/L	3/8/2012	ND	
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	3/8/2012	ND	
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	3/8/2012	ND	
MW-55	d	Carbon Tetrachloride	56-23-5	ug/L	3/8/2012	ND	
MW-56	d	Carbon Tetrachloride	56-23-5	ug/L	3/8/2012	ND	
MW-57	d	Carbon Tetrachloride	56-23-5	ug/L	3/8/2012	ND	
MW-58	d	Carbon Tetrachloride	56-23-5	ug/L	3/8/2012	ND	
GU-3A	d	Carbon Tetrachloride	56-23-5	ug/L	6/13/2012	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	6/13/2012	ND	
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	6/13/2012	ND	
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	6/13/2012	ND	
MW-32R	d	Carbon Tetrachloride	56-23-5	ug/L	6/13/2012	ND	
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	6/13/2012	ND	
MW-50	d	Carbon Tetrachloride	56-23-5	ug/L	6/13/2012	ND	
MW-50	d	Carbon Tetrachloride	56-23-5	ug/L	6/13/2012	ND	
MW-51	d	Carbon Tetrachloride	56-23-5	ug/L	6/13/2012	ND	
MW-52	d	Carbon Tetrachloride	56-23-5	ug/L	6/13/2012	ND	
MW-53	d	Carbon Tetrachloride	56-23-5	ug/L	6/13/2012	ND	
MW-54	d	Carbon Tetrachloride	56-23-5	ug/L	6/13/2012	ND	
GU-3A	d	Carbon Tetrachloride	56-23-5	ug/L	9/4/2012	ND	
MW-20	d	Carbon Tetrachloride	56-23-5	ug/L	9/4/2012	ND	
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	9/4/2012	ND	
MW-22R	d	Carbon Tetrachloride	56-23-5	ug/L	9/4/2012	ND	
MW-50	d	Carbon Tetrachloride	56-23-5	ug/L	9/4/2012	ND	
MW-51	d	Carbon Tetrachloride	56-23-5	ug/L	9/4/2012	ND	
MW-52	d	Carbon Tetrachloride	56-23-5	ug/L	9/4/2012	ND	
MW-53	d	Carbon Tetrachloride	56-23-5	ug/L	9/4/2012	ND	
MW-54	d	Carbon Tetrachloride	56-23-5	ug/L	9/4/2012	ND	
MW-54	d	Carbon Tetrachloride	56-23-5	ug/L	9/4/2012	ND	
MW-57	d	Carbon Tetrachloride	56-23-5	ug/L	9/4/2012	ND	
MW-58	d	Carbon Tetrachloride	56-23-5	ug/L	9/4/2012	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	12/19/2012	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	12/19/2012	ND	
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	12/19/2012	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	12/19/2012	ND	
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	12/19/2012	ND	
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	12/19/2012	ND	
MW-32R	d	Carbon Tetrachloride	56-23-5	ug/L	12/19/2012	ND	
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	12/19/2012	ND	
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	12/19/2012	ND	
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	12/19/2012	ND	
MW-55	d	Carbon Tetrachloride	56-23-5	ug/L	12/19/2012	ND	
MW-56	d	Carbon Tetrachloride	56-23-5	ug/L	12/19/2012	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	3/11/2013	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	3/11/2013	ND	
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	3/11/2013	ND	
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	3/11/2013	ND	
MW-50	d	Carbon Tetrachloride	56-23-5	ug/L	3/11/2013	ND	
MW-50	d	Carbon Tetrachloride	56-23-5	ug/L	3/11/2013	ND	
MW-51	d	Carbon Tetrachloride	56-23-5	ug/L	3/11/2013	ND	
MW-52	d	Carbon Tetrachloride	56-23-5	ug/L	3/11/2013	ND	
MW-53	d	Carbon Tetrachloride	56-23-5	ug/L	3/11/2013	ND	
MW-54	d	Carbon Tetrachloride	56-23-5	ug/L	3/11/2013	ND	
MW-55	d	Carbon Tetrachloride	56-23-5	ug/L	3/11/2013	ND	
MW-56	d	Carbon Tetrachloride	56-23-5	ug/L	3/11/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-20	d	Carbon Tetrachloride	56-23-5	ug/L	6/10/2013	ND	
MW-20	d	Carbon Tetrachloride	56-23-5	ug/L	6/10/2013	ND	
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	6/10/2013	ND	
MW-22R	d	Carbon Tetrachloride	56-23-5	ug/L	6/10/2013	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	6/10/2013	ND	
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	6/10/2013	ND	
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	6/10/2013	ND	
MW-32R	d	Carbon Tetrachloride	56-23-5	ug/L	6/10/2013	ND	
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	6/10/2013	ND	
MW-57	d	Carbon Tetrachloride	56-23-5	ug/L	6/10/2013	ND	
MW-58	d	Carbon Tetrachloride	56-23-5	ug/L	6/10/2013	ND	
GU-3A	d	Carbon Tetrachloride	56-23-5	ug/L	9/10/2013	ND	
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	9/10/2013	ND	
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	9/10/2013	ND	
MW-32R	d	Carbon Tetrachloride	56-23-5	ug/L	9/10/2013	ND	
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	9/10/2013	ND	
MW-50	d	Carbon Tetrachloride	56-23-5	ug/L	9/10/2013	ND	
MW-51	d	Carbon Tetrachloride	56-23-5	ug/L	9/10/2013	ND	
MW-52	d	Carbon Tetrachloride	56-23-5	ug/L	9/10/2013	ND	
MW-53	d	Carbon Tetrachloride	56-23-5	ug/L	9/10/2013	ND	
MW-54	d	Carbon Tetrachloride	56-23-5	ug/L	9/10/2013	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	12/18/2013	ND	
MW-18	d	Carbon Tetrachloride	56-23-5	ug/L	12/18/2013	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	12/18/2013	ND	
MW-20	d	Carbon Tetrachloride	56-23-5	ug/L	12/18/2013	ND	
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	12/18/2013	ND	
MW-22R	d	Carbon Tetrachloride	56-23-5	ug/L	12/18/2013	ND	
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	12/18/2013	ND	
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	12/18/2013	ND	
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	12/18/2013	ND	
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	12/18/2013	ND	
MW-55	d	Carbon Tetrachloride	56-23-5	ug/L	12/18/2013	ND	
MW-18	d	Carbon Tetrachloride	56-23-5	ug/L	3/20/2014	ND	
MW-20	d	Carbon Tetrachloride	56-23-5	ug/L	3/20/2014	ND	
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	3/20/2014	ND	
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	3/20/2014	ND	
MW-22R	d	Carbon Tetrachloride	56-23-5	ug/L	3/20/2014	ND	
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	3/20/2014	ND	
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	3/20/2014	ND	
MW-32R	d	Carbon Tetrachloride	56-23-5	ug/L	3/20/2014	ND	
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	3/20/2014	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	6/24/2014	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	6/24/2014	ND	
MW-18	d	Carbon Tetrachloride	56-23-5	ug/L	6/24/2014	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	6/24/2014	ND	
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	6/24/2014	ND	
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	6/24/2014	ND	
MW-50	d	Carbon Tetrachloride	56-23-5	ug/L	6/24/2014	ND	
MW-51	d	Carbon Tetrachloride	56-23-5	ug/L	6/24/2014	ND	
MW-52	d	Carbon Tetrachloride	56-23-5	ug/L	6/24/2014	ND	
MW-53	d	Carbon Tetrachloride	56-23-5	ug/L	6/24/2014	ND	
MW-54	d	Carbon Tetrachloride	56-23-5	ug/L	6/24/2014	ND	
MW-55	d	Carbon Tetrachloride	56-23-5	ug/L	6/24/2014	ND	
MW-58	d	Carbon Tetrachloride	56-23-5	ug/L	6/24/2014	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	7/24/2014	ND	
MW-56	d	Carbon Tetrachloride	56-23-5	ug/L	7/24/2014	ND	
MW-57	d	Carbon Tetrachloride	56-23-5	ug/L	7/24/2014	ND	
GU-3A	d	Carbon Tetrachloride	56-23-5	ug/L	9/24/2014	ND	
MW-18	d	Carbon Tetrachloride	56-23-5	ug/L	9/24/2014	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	9/24/2014	ND	
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	9/24/2014	ND	
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	9/24/2014	ND	
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	9/24/2014	ND	
MW-32R	d	Carbon Tetrachloride	56-23-5	ug/L	9/24/2014	ND	
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	9/24/2014	ND	
MW-50	d	Carbon Tetrachloride	56-23-5	ug/L	9/24/2014	ND	
MW-51	d	Carbon Tetrachloride	56-23-5	ug/L	9/24/2014	ND	
MW-52	d	Carbon Tetrachloride	56-23-5	ug/L	9/24/2014	ND	
MW-53	d	Carbon Tetrachloride	56-23-5	ug/L	9/24/2014	ND	
MW-54	d	Carbon Tetrachloride	56-23-5	ug/L	9/24/2014	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	12/4/2014	ND	
MW-18	d	Carbon Tetrachloride	56-23-5	ug/L	12/4/2014	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	12/4/2014	ND	
MW-20	d	Carbon Tetrachloride	56-23-5	ug/L	12/4/2014	ND	
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	12/4/2014	ND	
MW-22R	d	Carbon Tetrachloride	56-23-5	ug/L	12/4/2014	ND	
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	12/4/2014	ND	
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	12/4/2014	ND	
MW-56	d	Carbon Tetrachloride	56-23-5	ug/L	12/4/2014	ND	
MW-57	d	Carbon Tetrachloride	56-23-5	ug/L	12/4/2014	ND	
MW-57	d	Carbon Tetrachloride	56-23-5	ug/L	12/4/2014	ND	
MW-58	d	Carbon Tetrachloride	56-23-5	ug/L	12/4/2014	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	3/11/2015	ND	
MW-18	d	Carbon Tetrachloride	56-23-5	ug/L	3/11/2015	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	3/11/2015	ND	
MW-20	d	Carbon Tetrachloride	56-23-5	ug/L	3/11/2015	ND	
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	3/11/2015	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-22R	d	Carbon Tetrachloride	56-23-5	ug/L	3/11/2015	ND	
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	3/11/2015	ND	
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	3/11/2015	ND	
MW-55	d	Carbon Tetrachloride	56-23-5	ug/L	3/11/2015	ND	
MW-56	d	Carbon Tetrachloride	56-23-5	ug/L	3/11/2015	ND	
MW-57	d	Carbon Tetrachloride	56-23-5	ug/L	3/11/2015	ND	
MW-58	d	Carbon Tetrachloride	56-23-5	ug/L	3/11/2015	ND	
MW-58	d	Carbon Tetrachloride	56-23-5	ug/L	3/11/2015	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	6/29/2015	ND	
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	6/29/2015	ND	
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	6/29/2015	ND	
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	6/29/2015	ND	
MW-32R	d	Carbon Tetrachloride	56-23-5	ug/L	6/29/2015	ND	
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	6/29/2015	ND	
MW-50	d	Carbon Tetrachloride	56-23-5	ug/L	6/29/2015	ND	
MW-51	d	Carbon Tetrachloride	56-23-5	ug/L	6/29/2015	ND	
MW-52	d	Carbon Tetrachloride	56-23-5	ug/L	6/29/2015	ND	
MW-53	d	Carbon Tetrachloride	56-23-5	ug/L	6/29/2015	ND	
MW-54	d	Carbon Tetrachloride	56-23-5	ug/L	6/29/2015	ND	
GU-3A	d	Carbon Tetrachloride	56-23-5	ug/L	9/22/2015	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	2/15/2016	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	2/15/2016	ND	
MW-18	d	Carbon Tetrachloride	56-23-5	ug/L	2/15/2016	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	2/15/2016	ND	
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	2/15/2016	ND	
MW-20	d	Carbon Tetrachloride	56-23-5	ug/L	2/16/2016	ND	
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	2/16/2016	ND	
MW-55	d	Carbon Tetrachloride	56-23-5	ug/L	2/16/2016	ND	
MW-56	d	Carbon Tetrachloride	56-23-5	ug/L	2/16/2016	ND	
MW-57	d	Carbon Tetrachloride	56-23-5	ug/L	2/16/2016	ND	
MW-58	d	Carbon Tetrachloride	56-23-5	ug/L	2/16/2016	ND	
MW-22R	d	Carbon Tetrachloride	56-23-5	ug/L	2/17/2016	ND	
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	8/25/2016	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	8/25/2016	ND	
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	8/25/2016	ND	
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	8/25/2016	ND	
MW-32R	d	Carbon Tetrachloride	56-23-5	ug/L	8/25/2016	ND	
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	8/25/2016	ND	
MW-50	d	Carbon Tetrachloride	56-23-5	ug/L	8/25/2016	ND	
MW-51	d	Carbon Tetrachloride	56-23-5	ug/L	8/25/2016	ND	
MW-52	d	Carbon Tetrachloride	56-23-5	ug/L	8/25/2016	ND	
MW-53	d	Carbon Tetrachloride	56-23-5	ug/L	8/25/2016	ND	
MW-54	d	Carbon Tetrachloride	56-23-5	ug/L	8/25/2016	ND	
GU-3A	d	Carbon Tetrachloride	56-23-5	ug/L	8/26/2016	ND	
MW-18	d	Carbon Tetrachloride	56-23-5	ug/L	1/17/2017	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	1/17/2017	ND	
MW-22R	d	Carbon Tetrachloride	56-23-5	ug/L	1/17/2017	ND	
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	1/17/2017	ND	
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	1/17/2017	ND	
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	1/17/2017	ND	
MW-50	d	Carbon Tetrachloride	56-23-5	ug/L	1/17/2017	ND	
MW-51	d	Carbon Tetrachloride	56-23-5	ug/L	1/17/2017	ND	
MW-53	d	Carbon Tetrachloride	56-23-5	ug/L	1/17/2017	ND	
MW-54	d	Carbon Tetrachloride	56-23-5	ug/L	1/17/2017	ND	
MW-56	d	Carbon Tetrachloride	56-23-5	ug/L	1/17/2017	ND	
GU-3A	d	Carbon Tetrachloride	56-23-5	ug/L	7/10/2017	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	7/10/2017	ND	
MW-20	d	Carbon Tetrachloride	56-23-5	ug/L	7/10/2017	ND	
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	7/10/2017	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	7/10/2017	ND	
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	7/10/2017	ND	
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	7/10/2017	ND	
MW-32R	d	Carbon Tetrachloride	56-23-5	ug/L	7/10/2017	ND	
MW-32R	d	Carbon Tetrachloride	56-23-5	ug/L	7/10/2017	ND	
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	7/10/2017	ND	
MW-57	d	Carbon Tetrachloride	56-23-5	ug/L	7/10/2017	ND	
MW-58	d	Carbon Tetrachloride	56-23-5	ug/L	7/10/2017	ND	
MW-52	d	Carbon Tetrachloride	56-23-5	ug/L	10/17/2017	ND	
MW-55	d	Carbon Tetrachloride	56-23-5	ug/L	10/17/2017	ND	
GU-3A	d	Carbon Tetrachloride	56-23-5	ug/L	4/3/2018	ND	
GU-3A	d	Carbon Tetrachloride	56-23-5	ug/L	4/3/2018	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	4/3/2018	ND	
MW-20	d	Carbon Tetrachloride	56-23-5	ug/L	4/3/2018	ND	
MW-21	d	Carbon Tetrachloride	56-23-5	ug/L	4/3/2018	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	4/3/2018	ND	
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	4/3/2018	ND	
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	4/3/2018	ND	
MW-32R	d	Carbon Tetrachloride	56-23-5	ug/L	4/3/2018	ND	
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	4/3/2018	ND	
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	4/3/2018	ND	
MW-57	d	Carbon Tetrachloride	56-23-5	ug/L	4/3/2018	ND	
MW-58	d	Carbon Tetrachloride	56-23-5	ug/L	4/3/2018	ND	
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	11/1/2018	ND	
MW-50	d	Carbon Tetrachloride	56-23-5	ug/L	11/1/2018	ND	
MW-51	d	Carbon Tetrachloride	56-23-5	ug/L	11/1/2018	ND	
MW-52	d	Carbon Tetrachloride	56-23-5	ug/L	11/1/2018	ND	
MW-53	d	Carbon Tetrachloride	56-23-5	ug/L	11/1/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-54	d	Carbon Tetrachloride	56-23-5	ug/L	11/1/2018	ND	
MW-55	d	Carbon Tetrachloride	56-23-5	ug/L	11/1/2018	ND	
MW-18	d	Carbon Tetrachloride	56-23-5	ug/L	11/2/2018	NDF2	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	11/2/2018	ND	
MW-22R	d	Carbon Tetrachloride	56-23-5	ug/L	11/2/2018	ND	
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	11/2/2018	ND	
MW-56	d	Carbon Tetrachloride	56-23-5	ug/L	11/2/2018	NDH	
MW-18	d	Carbon Tetrachloride	56-23-5	ug/L	5/16/2019	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	5/16/2019	ND	
MW-23	u	Carbon Tetrachloride	56-23-5	ug/L	5/16/2019	ND	
MW-24R	u	Carbon Tetrachloride	56-23-5	ug/L	5/16/2019	ND	
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	5/16/2019	ND	
MW-55	d	Carbon Tetrachloride	56-23-5	ug/L	5/16/2019	ND	
MW-50	d	Carbon Tetrachloride	56-23-5	ug/L	5/20/2019	ND	
MW-51	d	Carbon Tetrachloride	56-23-5	ug/L	5/20/2019	ND	
MW-52	d	Carbon Tetrachloride	56-23-5	ug/L	5/20/2019	ND	
MW-54	d	Carbon Tetrachloride	56-23-5	ug/L	5/20/2019	ND	
MW-56	d	Carbon Tetrachloride	56-23-5	ug/L	5/20/2019	ND	
MW-53	d	Carbon Tetrachloride	56-23-5	ug/L	5/21/2019	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	9/11/2019	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	9/11/2019	ND	
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	9/11/2019	ND	
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	9/11/2019	ND	
MW-58	d	Carbon Tetrachloride	56-23-5	ug/L	9/11/2019	ND	
GU-3A	d	Carbon Tetrachloride	56-23-5	ug/L	3/16/2020	ND	
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	3/16/2020	ND	
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	3/17/2020	ND	
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	3/17/2020	ND	
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	3/17/2020	ND	
MW-58	d	Carbon Tetrachloride	56-23-5	ug/L	3/17/2020	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	7/20/2020	ND	
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	7/20/2020	ND	
MW-51	d	Carbon Tetrachloride	56-23-5	ug/L	7/20/2020	ND	
MW-55	d	Carbon Tetrachloride	56-23-5	ug/L	7/20/2020	ND	
MW-56	d	Carbon Tetrachloride	56-23-5	ug/L	7/20/2020	ND	
MW-57R	d	Carbon Tetrachloride	56-23-5	ug/L	7/20/2020	ND	
MW-73	d	Carbon Tetrachloride	56-23-5	ug/L	7/20/2020	ND	
MW-18	d	Carbon Tetrachloride	56-23-5	ug/L	7/21/2020	ND	
MW-50	d	Carbon Tetrachloride	56-23-5	ug/L	7/21/2020	ND	
MW-52	d	Carbon Tetrachloride	56-23-5	ug/L	7/21/2020	ND	
MW-53	d	Carbon Tetrachloride	56-23-5	ug/L	7/21/2020	ND	
MW-54	d	Carbon Tetrachloride	56-23-5	ug/L	7/21/2020	ND	
MW-23	u	Carbon Tetrachloride	56-23-5	ug/L	7/22/2020	ND	
MW-24R	u	Carbon Tetrachloride	56-23-5	ug/L	7/22/2020	ND	
MW-55	d	Carbon Tetrachloride	56-23-5	ug/L	11/12/2020	ND	
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	8/24/2021		<2.00
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	8/24/2021		<2.00
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	8/25/2021		<2.00
MW-58	d	Carbon Tetrachloride	56-23-5	ug/L	8/25/2021		<2.00
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	8/25/2021		<2.00
MW-68	d	Carbon Tetrachloride	56-23-5	ug/L	8/25/2021		<2.00
MW-69	d	Carbon Tetrachloride	56-23-5	ug/L	8/25/2021		<2.00
MW-70	d	Carbon Tetrachloride	56-23-5	ug/L	8/26/2021		<2.00
MW-57R	d	Carbon Tetrachloride	56-23-5	ug/L	8/26/2021		<2.00
PZ-13	d	Carbon Tetrachloride	56-23-5	ug/L	8/27/2021		<2.00
MW-73	d	Carbon Tetrachloride	56-23-5	ug/L	8/27/2021		<2.00
GU-3A	d	Carbon Tetrachloride	56-23-5	ug/L	9/8/2021		<2.00
MW-24R	u	Carbon Tetrachloride	56-23-5	ug/L	12/7/2021		<2.00
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	12/7/2021		<2.00
MW-57R	d	Carbon Tetrachloride	56-23-5	ug/L	12/7/2021		<2.00
MW-73	d	Carbon Tetrachloride	56-23-5	ug/L	12/7/2021		<2.00
MW-56	d	Carbon Tetrachloride	56-23-5	ug/L	12/7/2021		<2.00
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	12/7/2021		<2.00
MW-18	d	Carbon Tetrachloride	56-23-5	ug/L	12/7/2021		<2.00
MW-55	d	Carbon Tetrachloride	56-23-5	ug/L	12/7/2021		<2.00
MW-50	d	Carbon Tetrachloride	56-23-5	ug/L	12/7/2021		<2.00
MW-23	u	Carbon Tetrachloride	56-23-5	ug/L	12/8/2021		<2.00
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	12/8/2021		<2.00
MW-51	d	Carbon Tetrachloride	56-23-5	ug/L	12/8/2021		<2.00
MW-52	d	Carbon Tetrachloride	56-23-5	ug/L	12/8/2021		<2.00
MW-53	d	Carbon Tetrachloride	56-23-5	ug/L	12/8/2021		<2.00
MW-54	d	Carbon Tetrachloride	56-23-5	ug/L	12/8/2021		<2.00
MW-68	d	Carbonate	CARB	mg/L	6/30/2015	ND	
MW-69	d	Carbonate	CARB	mg/L	6/30/2015	ND	
MW-70	d	Carbonate	CARB	mg/L	6/30/2015	ND	
MW-72	d	Carbonate	CARB	mg/L	6/30/2015	ND	
PZ-13	d	Carbonate	CARB	mg/L	7/1/2015	ND	
MW-68	d	Carbonate	CARB	mg/L	9/24/2015	ND	
MW-69	d	Carbonate	CARB	mg/L	9/24/2015	ND	
MW-70	d	Carbonate	CARB	mg/L	9/25/2015	ND	
MW-72	d	Carbonate	CARB	mg/L	9/25/2015	ND	
PZ-13	d	Carbonate	CARB	mg/L	9/25/2015	ND	
MW-14R	d	Carbonate	CARB	mg/L	2/15/2016	ND	
MW-68	d	Carbonate	CARB	mg/L	2/16/2016	ND	
MW-69	d	Carbonate	CARB	mg/L	2/16/2016	ND	
MW-53	d	Carbonate	CARB	mg/L	2/17/2016	ND	
PIAEastSump	d	Carbonate	CARB	mg/L	2/17/2016	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
PIAWestSump	d	Carbonate	CARB	mg/L	2/17/2016	ND	
SW-101	d	Chemical Oxygen Demand	COD	mg/L	4/3/2018	J	20.2
SW-102	d	Chemical Oxygen Demand	COD	mg/L	4/3/2018		76.4
SW-103	d	Chemical Oxygen Demand	COD	mg/L	4/3/2018		66.7
SW-104	d	Chemical Oxygen Demand	COD	mg/L	4/3/2018		118
SW-105	d	Chemical Oxygen Demand	COD	mg/L	4/3/2018		81.2
SW-106	d	Chemical Oxygen Demand	COD	mg/L	4/3/2018		41
SW-107	d	Chemical Oxygen Demand	COD	mg/L	4/3/2018		37.8
SW-101	d	Chemical Oxygen Demand	COD	mg/L	9/25/2019	ND	
SW-102	d	Chemical Oxygen Demand	COD	mg/L	9/25/2019		37.4
SW-103	d	Chemical Oxygen Demand	COD	mg/L	9/25/2019	ND	
SW-104	d	Chemical Oxygen Demand	COD	mg/L	9/25/2019		61.2
SW-105	d	Chemical Oxygen Demand	COD	mg/L	9/25/2019		45.9
SW-106	d	Chemical Oxygen Demand	COD	mg/L	9/25/2019		32.3
SW-107	d	Chemical Oxygen Demand	COD	mg/L	9/25/2019	ND	
SW-101	d	Chemical Oxygen Demand	COD	mg/L	3/10/2020	ND	
SW-102	d	Chemical Oxygen Demand	COD	mg/L	3/10/2020		31
SW-103	d	Chemical Oxygen Demand	COD	mg/L	3/10/2020	ND	
SW-104	d	Chemical Oxygen Demand	COD	mg/L	3/10/2020	ND	
SW-105	d	Chemical Oxygen Demand	COD	mg/L	3/10/2020		45.8
SW-106	d	Chemical Oxygen Demand	COD	mg/L	3/10/2020	ND	
SW-107	d	Chemical Oxygen Demand	COD	mg/L	3/10/2020	ND	
SW-101	d	Chemical Oxygen Demand	COD	mg/L	9/8/2021		50.1
SW-102	d	Chemical Oxygen Demand	COD	mg/L	9/8/2021		39.9
SW-103	d	Chemical Oxygen Demand	COD	mg/L	9/8/2021		67.1
SW-106	d	Chemical Oxygen Demand	COD	mg/L	9/8/2021		60.3
SW-107	d	Chemical Oxygen Demand	COD	mg/L	9/8/2021		33
MW-39	d	Chlordane	57-74-9	ug/L	3/11/2013	ND	
MW-31R	d	Chlordane	57-74-9	ug/L	9/10/2013	ND	
MW-32R	d	Chlordane	57-74-9	ug/L	9/10/2013	ND	
MW-18	d	Chlordane	57-74-9	ug/L	12/18/2013	ND	
MW-20	d	Chlordane	57-74-9	ug/L	12/18/2013	ND	
MW-21	d	Chlordane	57-74-9	ug/L	12/18/2013	ND	
MW-22R	d	Chlordane	57-74-9	ug/L	12/18/2013	ND	
MW-30R	d	Chlordane	57-74-9	ug/L	12/18/2013	ND	
MW-18	d	Chlordane	57-74-9	ug/L	6/24/2014	ND	
MW-29	d	Chlordane	57-74-9	ug/L	7/24/2014	ND	
MW-57	d	Chlordane	57-74-9	ug/L	7/24/2014	ND	
MW-58	d	Chlordane	57-74-9	ug/L	7/24/2014	ND	
MW-33R	d	Chlordane	57-74-9	ug/L	9/24/2014	ND	
MW-50	d	Chlordane	57-74-9	ug/L	9/24/2014	ND	
MW-51	d	Chlordane	57-74-9	ug/L	9/24/2014	ND	
MW-52	d	Chlordane	57-74-9	ug/L	9/24/2014	ND	
MW-53	d	Chlordane	57-74-9	ug/L	9/24/2014	ND	
MW-54	d	Chlordane	57-74-9	ug/L	9/24/2014	ND	
MW-14R	d	Chlordane	57-74-9	ug/L	12/4/2014	ND	
MW-19	d	Chlordane	57-74-9	ug/L	12/4/2014	ND	
MW-28	d	Chlordane	57-74-9	ug/L	12/4/2014	ND	
MW-56	d	Chlordane	57-74-9	ug/L	12/4/2014	ND	
MW-55	d	Chlordane	57-74-9	ug/L	3/11/2015	ND	
MW-20	d	Chlordane	57-74-9	ug/L	4/3/2018	ND	
MW-21	d	Chlordane	57-74-9	ug/L	4/3/2018	ND	
MW-30R	d	Chlordane	57-74-9	ug/L	4/3/2018	ND	
MW-31R	d	Chlordane	57-74-9	ug/L	4/3/2018	ND	
MW-32R	d	Chlordane	57-74-9	ug/L	4/3/2018	ND	
MW-39	d	Chlordane	57-74-9	ug/L	11/1/2018	ND	
MW-22R	d	Chlordane	57-74-9	ug/L	11/2/2018	ND	
MW-18	d	Chlordane	57-74-9	ug/L	5/16/2019	ND	
MW-28	d	Chlordane	57-74-9	ug/L	5/16/2019	ND	
MW-19	d	Chlordane	57-74-9	ug/L	5/20/2019	ND	
MW-50	d	Chlordane	57-74-9	ug/L	5/20/2019	ND	
MW-51	d	Chlordane	57-74-9	ug/L	5/20/2019	ND	
MW-52	d	Chlordane	57-74-9	ug/L	5/20/2019	ND	
MW-53	d	Chlordane	57-74-9	ug/L	5/20/2019	ND	
MW-54	d	Chlordane	57-74-9	ug/L	5/20/2019	ND	
MW-56	d	Chlordane	57-74-9	ug/L	5/20/2019	ND	
MW-14R	d	Chlordane	57-74-9	ug/L	9/11/2019	ND	
MW-29	d	Chlordane	57-74-9	ug/L	9/11/2019	ND	
MW-33R	d	Chlordane	57-74-9	ug/L	9/11/2019	ND	
MW-58	d	Chlordane	57-74-9	ug/L	9/11/2019	ND	
MW-55	d	Chlordane	57-74-9	ug/L	11/12/2020	ND	
MW-68	d	Chloride	16887-00-6	mg/L	6/30/2015		119
MW-69	d	Chloride	16887-00-6	mg/L	6/30/2015		189
MW-70	d	Chloride	16887-00-6	mg/L	6/30/2015		401
MW-72	d	Chloride	16887-00-6	mg/L	6/30/2015		22
PZ-13	d	Chloride	16887-00-6	mg/L	7/1/2015		30
MW-68	d	Chloride	16887-00-6	mg/L	9/24/2015		183
MW-69	d	Chloride	16887-00-6	mg/L	9/24/2015		129
MW-70	d	Chloride	16887-00-6	mg/L	9/25/2015		394
MW-72	d	Chloride	16887-00-6	mg/L	9/25/2015		22.8
PZ-13	d	Chloride	16887-00-6	mg/L	9/25/2015		31.5
MW-14R	d	Chloride	16887-00-6	mg/L	2/15/2016		11
MW-68	d	Chloride	16887-00-6	mg/L	2/16/2016		187
MW-69	d	Chloride	16887-00-6	mg/L	2/16/2016		162
MW-53	d	Chloride	16887-00-6	mg/L	2/17/2016		86.1
PIAEastSump	d	Chloride	16887-00-6	mg/L	2/17/2016		789
PIAWestSump	d	Chloride	16887-00-6	mg/L	2/17/2016		2390

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
SW-101	d	Chloride	16887-00-6	mg/L	4/3/2018		61.4
SW-102	d	Chloride	16887-00-6	mg/L	4/3/2018		52.3
SW-103	d	Chloride	16887-00-6	mg/L	4/3/2018		56.4
SW-104	d	Chloride	16887-00-6	mg/L	4/3/2018		47
SW-105	d	Chloride	16887-00-6	mg/L	4/3/2018		79.6
SW-106	d	Chloride	16887-00-6	mg/L	4/3/2018		59.3
SW-107	d	Chloride	16887-00-6	mg/L	4/3/2018		67.5
SW-101	d	Chloride	16887-00-6	mg/L	9/25/2019		59.8
SW-102	d	Chloride	16887-00-6	mg/L	9/25/2019		48.6
SW-103	d	Chloride	16887-00-6	mg/L	9/25/2019		45.8
SW-104	d	Chloride	16887-00-6	mg/L	9/25/2019		39
SW-105	d	Chloride	16887-00-6	mg/L	9/25/2019		47.4
SW-106	d	Chloride	16887-00-6	mg/L	9/25/2019		45.6
SW-107	d	Chloride	16887-00-6	mg/L	9/25/2019		55.4
SW-101	d	Chloride	16887-00-6	mg/L	3/10/2020		43.1
SW-102	d	Chloride	16887-00-6	mg/L	3/10/2020		40
SW-103	d	Chloride	16887-00-6	mg/L	3/10/2020		47.2
SW-104	d	Chloride	16887-00-6	mg/L	3/10/2020		23.8
SW-105	d	Chloride	16887-00-6	mg/L	3/10/2020		49.8
SW-106	d	Chloride	16887-00-6	mg/L	3/10/2020		37.4
SW-107	d	Chloride	16887-00-6	mg/L	3/10/2020		40.5
SW-101	d	Chloride	16887-00-6	mg/L	9/8/2021		56.1
SW-102	d	Chloride	16887-00-6	mg/L	9/8/2021		116
SW-103	d	Chloride	16887-00-6	mg/L	9/8/2021		<5.00
SW-106	d	Chloride	16887-00-6	mg/L	9/8/2021		92.1
SW-107	d	Chloride	16887-00-6	mg/L	9/8/2021		112
MW-51	d	Chlorobenzene	108-90-7	ug/L	1/15/2010	ND	
MW-24R	u	Chlorobenzene	108-90-7	ug/L	2/11/2010	ND	
MW-53	d	Chlorobenzene	108-90-7	ug/L	2/11/2010		6.61
GU-3A	d	Chlorobenzene	108-90-7	ug/L	3/24/2010	ND	
MW-20	d	Chlorobenzene	108-90-7	ug/L	3/24/2010	ND	
MW-21	d	Chlorobenzene	108-90-7	ug/L	3/24/2010	ND	
MW-22R	d	Chlorobenzene	108-90-7	ug/L	3/24/2010	ND	
MW-52	d	Chlorobenzene	108-90-7	ug/L	3/24/2010	ND	
MW-54	d	Chlorobenzene	108-90-7	ug/L	3/24/2010	ND	
MW-55	d	Chlorobenzene	108-90-7	ug/L	3/24/2010	ND	
MW-28	d	Chlorobenzene	108-90-7	ug/L	4/9/2010	ND	
MW-33R	d	Chlorobenzene	108-90-7	ug/L	4/9/2010	ND	
MW-50	d	Chlorobenzene	108-90-7	ug/L	4/9/2010	ND	
MW-56	d	Chlorobenzene	108-90-7	ug/L	4/9/2010		5.16
MW-57	d	Chlorobenzene	108-90-7	ug/L	4/9/2010	ND	
MW-58	d	Chlorobenzene	108-90-7	ug/L	4/9/2010	ND	
MW-32R	d	Chlorobenzene	108-90-7	ug/L	5/18/2010	ND	
MW-53	d	Chlorobenzene	108-90-7	ug/L	5/18/2010		10.5
MW-14R	d	Chlorobenzene	108-90-7	ug/L	6/17/2010	ND	
MW-19	d	Chlorobenzene	108-90-7	ug/L	6/17/2010	ND	
MW-29	d	Chlorobenzene	108-90-7	ug/L	6/17/2010		6.54
MW-30R	d	Chlorobenzene	108-90-7	ug/L	6/17/2010	ND	
MW-31R	d	Chlorobenzene	108-90-7	ug/L	6/17/2010	ND	
MW-51	d	Chlorobenzene	108-90-7	ug/L	6/17/2010	ND	
MW-21	d	Chlorobenzene	108-90-7	ug/L	7/21/2010	ND	
MW-54	d	Chlorobenzene	108-90-7	ug/L	7/21/2010	ND	
MW-20	d	Chlorobenzene	108-90-7	ug/L	8/17/2010	ND	
MW-29	d	Chlorobenzene	108-90-7	ug/L	8/17/2010		6.22
MW-39	d	Chlorobenzene	108-90-7	ug/L	8/17/2010	ND	
MW-51	d	Chlorobenzene	108-90-7	ug/L	8/17/2010	ND	
GU-3A	d	Chlorobenzene	108-90-7	ug/L	9/17/2010		2.51
MW-22R	d	Chlorobenzene	108-90-7	ug/L	9/17/2010	ND	
MW-55	d	Chlorobenzene	108-90-7	ug/L	9/17/2010	ND	
MW-19	d	Chlorobenzene	108-90-7	ug/L	10/22/2010	ND	
MW-24R	u	Chlorobenzene	108-90-7	ug/L	10/22/2010	ND	
MW-30R	d	Chlorobenzene	108-90-7	ug/L	10/22/2010	ND	
MW-31R	d	Chlorobenzene	108-90-7	ug/L	10/22/2010	ND	
MW-50	d	Chlorobenzene	108-90-7	ug/L	10/22/2010	ND	
MW-53	d	Chlorobenzene	108-90-7	ug/L	10/22/2010		7.88
MW-56	d	Chlorobenzene	108-90-7	ug/L	10/22/2010	ND	
MW-58	d	Chlorobenzene	108-90-7	ug/L	10/22/2010		6.79
MW-14R	d	Chlorobenzene	108-90-7	ug/L	11/8/2010	ND	
MW-32R	d	Chlorobenzene	108-90-7	ug/L	11/8/2010	ND	
MW-57	d	Chlorobenzene	108-90-7	ug/L	11/8/2010	ND	
MW-28	d	Chlorobenzene	108-90-7	ug/L	12/15/2010	ND	
MW-33R	d	Chlorobenzene	108-90-7	ug/L	12/15/2010	ND	
MW-52	d	Chlorobenzene	108-90-7	ug/L	12/15/2010	ND	
MW-54	d	Chlorobenzene	108-90-7	ug/L	1/12/2011	ND	
MW-54	d	Chlorobenzene	108-90-7	ug/L	1/12/2011	ND	
MW-20	d	Chlorobenzene	108-90-7	ug/L	2/22/2011	ND	
MW-22R	d	Chlorobenzene	108-90-7	ug/L	2/22/2011	ND	
MW-51	d	Chlorobenzene	108-90-7	ug/L	2/22/2011	ND	
MW-52	d	Chlorobenzene	108-90-7	ug/L	2/22/2011	ND	
MW-53	d	Chlorobenzene	108-90-7	ug/L	2/22/2011		7.65
MW-55	d	Chlorobenzene	108-90-7	ug/L	2/22/2011	ND	
GU-3A	d	Chlorobenzene	108-90-7	ug/L	3/2/2011	ND	
MW-21	d	Chlorobenzene	108-90-7	ug/L	3/2/2011	ND	
MW-21	d	Chlorobenzene	108-90-7	ug/L	3/2/2011	ND	
MW-29	d	Chlorobenzene	108-90-7	ug/L	4/21/2011		7.05
MW-30R	d	Chlorobenzene	108-90-7	ug/L	4/21/2011	ND	
MW-31R	d	Chlorobenzene	108-90-7	ug/L	4/21/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	Chlorobenzene	108-90-7	ug/L	4/21/2011	ND	
MW-32R	d	Chlorobenzene	108-90-7	ug/L	4/21/2011	ND	
MW-54	d	Chlorobenzene	108-90-7	ug/L	5/31/2011	ND	
MW-56	d	Chlorobenzene	108-90-7	ug/L	5/31/2011	ND	
MW-57	d	Chlorobenzene	108-90-7	ug/L	5/31/2011	ND	
MW-58	d	Chlorobenzene	108-90-7	ug/L	5/31/2011		7.58
MW-14R	d	Chlorobenzene	108-90-7	ug/L	6/7/2011	ND	
MW-14R	d	Chlorobenzene	108-90-7	ug/L	6/7/2011	ND	
MW-19	d	Chlorobenzene	108-90-7	ug/L	6/7/2011	ND	
MW-28	d	Chlorobenzene	108-90-7	ug/L	6/7/2011	ND	
MW-33R	d	Chlorobenzene	108-90-7	ug/L	6/7/2011	ND	
MW-39	d	Chlorobenzene	108-90-7	ug/L	6/7/2011	ND	
MW-50	d	Chlorobenzene	108-90-7	ug/L	6/7/2011	ND	
MW-52	d	Chlorobenzene	108-90-7	ug/L	7/22/2011	ND	
MW-56	d	Chlorobenzene	108-90-7	ug/L	7/22/2011	ND	
MW-58	d	Chlorobenzene	108-90-7	ug/L	7/22/2011		6.48
MW-14R	d	Chlorobenzene	108-90-7	ug/L	8/29/2011	ND	
MW-19	d	Chlorobenzene	108-90-7	ug/L	8/29/2011	ND	
MW-19	d	Chlorobenzene	108-90-7	ug/L	8/29/2011	ND	
MW-32R	d	Chlorobenzene	108-90-7	ug/L	8/29/2011	ND	
GU-3A	d	Chlorobenzene	108-90-7	ug/L	9/9/2011	ND	
MW-22R	d	Chlorobenzene	108-90-7	ug/L	9/9/2011	ND	
MW-28	d	Chlorobenzene	108-90-7	ug/L	9/9/2011	ND	
MW-29	d	Chlorobenzene	108-90-7	ug/L	9/9/2011		5.71
MW-51	d	Chlorobenzene	108-90-7	ug/L	9/9/2011	ND	
MW-53	d	Chlorobenzene	108-90-7	ug/L	9/9/2011		9.96
MW-53	d	Chlorobenzene	108-90-7	ug/L	9/9/2011		8.43
MW-21	d	Chlorobenzene	108-90-7	ug/L	10/4/2011	ND	
MW-50	d	Chlorobenzene	108-90-7	ug/L	10/4/2011	ND	
MW-50	d	Chlorobenzene	108-90-7	ug/L	10/4/2011	ND	
MW-54	d	Chlorobenzene	108-90-7	ug/L	10/4/2011	ND	
MW-57	d	Chlorobenzene	108-90-7	ug/L	10/4/2011	ND	
MW-20	d	Chlorobenzene	108-90-7	ug/L	11/29/2011	ND	
MW-30R	d	Chlorobenzene	108-90-7	ug/L	11/29/2011	ND	
MW-52	d	Chlorobenzene	108-90-7	ug/L	11/29/2011	ND	
MW-55	d	Chlorobenzene	108-90-7	ug/L	11/29/2011	ND	
MW-31R	d	Chlorobenzene	108-90-7	ug/L	12/16/2011	ND	
MW-33R	d	Chlorobenzene	108-90-7	ug/L	12/16/2011	ND	
MW-39	d	Chlorobenzene	108-90-7	ug/L	12/16/2011	ND	
MW-14R	d	Chlorobenzene	108-90-7	ug/L	3/8/2012	ND	
MW-19	d	Chlorobenzene	108-90-7	ug/L	3/8/2012	ND	
MW-20	d	Chlorobenzene	108-90-7	ug/L	3/8/2012	ND	
MW-21	d	Chlorobenzene	108-90-7	ug/L	3/8/2012	ND	
MW-22R	d	Chlorobenzene	108-90-7	ug/L	3/8/2012	ND	
MW-28	d	Chlorobenzene	108-90-7	ug/L	3/8/2012	ND	
MW-39	d	Chlorobenzene	108-90-7	ug/L	3/8/2012	ND	
MW-55	d	Chlorobenzene	108-90-7	ug/L	3/8/2012	ND	
MW-56	d	Chlorobenzene	108-90-7	ug/L	3/8/2012	ND	
MW-57	d	Chlorobenzene	108-90-7	ug/L	3/8/2012	ND	
MW-58	d	Chlorobenzene	108-90-7	ug/L	3/8/2012		5.63
GU-3A	d	Chlorobenzene	108-90-7	ug/L	6/13/2012	ND	
MW-29	d	Chlorobenzene	108-90-7	ug/L	6/13/2012		6.38
MW-30R	d	Chlorobenzene	108-90-7	ug/L	6/13/2012	ND	
MW-31R	d	Chlorobenzene	108-90-7	ug/L	6/13/2012	ND	
MW-32R	d	Chlorobenzene	108-90-7	ug/L	6/13/2012	ND	
MW-33R	d	Chlorobenzene	108-90-7	ug/L	6/13/2012	ND	
MW-50	d	Chlorobenzene	108-90-7	ug/L	6/13/2012	ND	
MW-50	d	Chlorobenzene	108-90-7	ug/L	6/13/2012	ND	
MW-51	d	Chlorobenzene	108-90-7	ug/L	6/13/2012	ND	
MW-52	d	Chlorobenzene	108-90-7	ug/L	6/13/2012	ND	
MW-53	d	Chlorobenzene	108-90-7	ug/L	6/13/2012		9.8
MW-54	d	Chlorobenzene	108-90-7	ug/L	6/13/2012	ND	
GU-3A	d	Chlorobenzene	108-90-7	ug/L	9/4/2012	ND	
MW-20	d	Chlorobenzene	108-90-7	ug/L	9/4/2012	ND	
MW-21	d	Chlorobenzene	108-90-7	ug/L	9/4/2012	ND	
MW-22R	d	Chlorobenzene	108-90-7	ug/L	9/4/2012	ND	
MW-50	d	Chlorobenzene	108-90-7	ug/L	9/4/2012	ND	
MW-51	d	Chlorobenzene	108-90-7	ug/L	9/4/2012	ND	
MW-52	d	Chlorobenzene	108-90-7	ug/L	9/4/2012	ND	
MW-53	d	Chlorobenzene	108-90-7	ug/L	9/4/2012		9
MW-54	d	Chlorobenzene	108-90-7	ug/L	9/4/2012	ND	
MW-54	d	Chlorobenzene	108-90-7	ug/L	9/4/2012	ND	
MW-57	d	Chlorobenzene	108-90-7	ug/L	9/4/2012	ND	
MW-58	d	Chlorobenzene	108-90-7	ug/L	9/4/2012		5.1
MW-14R	d	Chlorobenzene	108-90-7	ug/L	12/19/2012	ND	
MW-19	d	Chlorobenzene	108-90-7	ug/L	12/19/2012	ND	
MW-28	d	Chlorobenzene	108-90-7	ug/L	12/19/2012	ND	
MW-29	d	Chlorobenzene	108-90-7	ug/L	12/19/2012		5.94
MW-30R	d	Chlorobenzene	108-90-7	ug/L	12/19/2012	ND	
MW-31R	d	Chlorobenzene	108-90-7	ug/L	12/19/2012	ND	
MW-32R	d	Chlorobenzene	108-90-7	ug/L	12/19/2012	ND	
MW-33R	d	Chlorobenzene	108-90-7	ug/L	12/19/2012	ND	
MW-33R	d	Chlorobenzene	108-90-7	ug/L	12/19/2012	ND	
MW-39	d	Chlorobenzene	108-90-7	ug/L	12/19/2012	ND	
MW-55	d	Chlorobenzene	108-90-7	ug/L	12/19/2012	ND	
MW-56	d	Chlorobenzene	108-90-7	ug/L	12/19/2012	ND	
MW-14R	d	Chlorobenzene	108-90-7	ug/L	3/11/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	Chlorobenzene	108-90-7	ug/L	3/11/2013	ND	
MW-28	d	Chlorobenzene	108-90-7	ug/L	3/11/2013	ND	
MW-39	d	Chlorobenzene	108-90-7	ug/L	3/11/2013	ND	
MW-50	d	Chlorobenzene	108-90-7	ug/L	3/11/2013	ND	
MW-50	d	Chlorobenzene	108-90-7	ug/L	3/11/2013	ND	
MW-51	d	Chlorobenzene	108-90-7	ug/L	3/11/2013	ND	
MW-52	d	Chlorobenzene	108-90-7	ug/L	3/11/2013	ND	
MW-53	d	Chlorobenzene	108-90-7	ug/L	3/11/2013		9.26
MW-54	d	Chlorobenzene	108-90-7	ug/L	3/11/2013	ND	
MW-55	d	Chlorobenzene	108-90-7	ug/L	3/11/2013	ND	
MW-56	d	Chlorobenzene	108-90-7	ug/L	3/11/2013	ND	
MW-20	d	Chlorobenzene	108-90-7	ug/L	6/10/2013	ND	
MW-20	d	Chlorobenzene	108-90-7	ug/L	6/10/2013	ND	
MW-21	d	Chlorobenzene	108-90-7	ug/L	6/10/2013	ND	
MW-22R	d	Chlorobenzene	108-90-7	ug/L	6/10/2013	ND	
MW-29	d	Chlorobenzene	108-90-7	ug/L	6/10/2013		7.27
MW-30R	d	Chlorobenzene	108-90-7	ug/L	6/10/2013	ND	
MW-31R	d	Chlorobenzene	108-90-7	ug/L	6/10/2013	ND	
MW-32R	d	Chlorobenzene	108-90-7	ug/L	6/10/2013	ND	
MW-33R	d	Chlorobenzene	108-90-7	ug/L	6/10/2013	ND	
MW-57	d	Chlorobenzene	108-90-7	ug/L	6/10/2013	ND	
MW-58	d	Chlorobenzene	108-90-7	ug/L	6/10/2013		5.03
GU-3A	d	Chlorobenzene	108-90-7	ug/L	9/10/2013	ND	
MW-31R	d	Chlorobenzene	108-90-7	ug/L	9/10/2013	ND	
MW-31R	d	Chlorobenzene	108-90-7	ug/L	9/10/2013	ND	
MW-32R	d	Chlorobenzene	108-90-7	ug/L	9/10/2013	ND	
MW-33R	d	Chlorobenzene	108-90-7	ug/L	9/10/2013	ND	
MW-50	d	Chlorobenzene	108-90-7	ug/L	9/10/2013	ND	
MW-51	d	Chlorobenzene	108-90-7	ug/L	9/10/2013	ND	
MW-52	d	Chlorobenzene	108-90-7	ug/L	9/10/2013	ND	
MW-53	d	Chlorobenzene	108-90-7	ug/L	9/10/2013		8.7
MW-54	d	Chlorobenzene	108-90-7	ug/L	9/10/2013	ND	
MW-14R	d	Chlorobenzene	108-90-7	ug/L	12/18/2013	ND	
MW-18	d	Chlorobenzene	108-90-7	ug/L	12/18/2013	ND	
MW-19	d	Chlorobenzene	108-90-7	ug/L	12/18/2013	ND	
MW-20	d	Chlorobenzene	108-90-7	ug/L	12/18/2013	ND	
MW-21	d	Chlorobenzene	108-90-7	ug/L	12/18/2013	ND	
MW-22R	d	Chlorobenzene	108-90-7	ug/L	12/18/2013	ND	
MW-28	d	Chlorobenzene	108-90-7	ug/L	12/18/2013	ND	
MW-30R	d	Chlorobenzene	108-90-7	ug/L	12/18/2013	ND	
MW-39	d	Chlorobenzene	108-90-7	ug/L	12/18/2013	ND	
MW-39	d	Chlorobenzene	108-90-7	ug/L	12/18/2013	ND	
MW-55	d	Chlorobenzene	108-90-7	ug/L	12/18/2013	ND	
MW-18	d	Chlorobenzene	108-90-7	ug/L	3/20/2014	ND	
MW-20	d	Chlorobenzene	108-90-7	ug/L	3/20/2014	ND	
MW-21	d	Chlorobenzene	108-90-7	ug/L	3/20/2014	ND	
MW-21	d	Chlorobenzene	108-90-7	ug/L	3/20/2014	ND	
MW-22R	d	Chlorobenzene	108-90-7	ug/L	3/20/2014	ND	
MW-30R	d	Chlorobenzene	108-90-7	ug/L	3/20/2014	ND	
MW-31R	d	Chlorobenzene	108-90-7	ug/L	3/20/2014	ND	
MW-32R	d	Chlorobenzene	108-90-7	ug/L	3/20/2014	ND	
MW-33R	d	Chlorobenzene	108-90-7	ug/L	3/20/2014	ND	
MW-14R	d	Chlorobenzene	108-90-7	ug/L	6/24/2014	ND	
MW-14R	d	Chlorobenzene	108-90-7	ug/L	6/24/2014	ND	
MW-18	d	Chlorobenzene	108-90-7	ug/L	6/24/2014	ND	
MW-19	d	Chlorobenzene	108-90-7	ug/L	6/24/2014	ND	
MW-28	d	Chlorobenzene	108-90-7	ug/L	6/24/2014	ND	
MW-39	d	Chlorobenzene	108-90-7	ug/L	6/24/2014	ND	
MW-50	d	Chlorobenzene	108-90-7	ug/L	6/24/2014	ND	
MW-51	d	Chlorobenzene	108-90-7	ug/L	6/24/2014	ND	
MW-52	d	Chlorobenzene	108-90-7	ug/L	6/24/2014	ND	
MW-53	d	Chlorobenzene	108-90-7	ug/L	6/24/2014		10.8
MW-54	d	Chlorobenzene	108-90-7	ug/L	6/24/2014	ND	
MW-55	d	Chlorobenzene	108-90-7	ug/L	6/24/2014	ND	
MW-58	d	Chlorobenzene	108-90-7	ug/L	6/24/2014	ND	
MW-29	d	Chlorobenzene	108-90-7	ug/L	7/24/2014		8.51
MW-56	d	Chlorobenzene	108-90-7	ug/L	7/24/2014	ND	
MW-57	d	Chlorobenzene	108-90-7	ug/L	7/24/2014	ND	
GU-3A	d	Chlorobenzene	108-90-7	ug/L	9/24/2014	ND	
MW-18	d	Chlorobenzene	108-90-7	ug/L	9/24/2014	ND	
MW-29	d	Chlorobenzene	108-90-7	ug/L	9/24/2014		8.06
MW-30R	d	Chlorobenzene	108-90-7	ug/L	9/24/2014	ND	
MW-31R	d	Chlorobenzene	108-90-7	ug/L	9/24/2014	ND	
MW-31R	d	Chlorobenzene	108-90-7	ug/L	9/24/2014	ND	
MW-32R	d	Chlorobenzene	108-90-7	ug/L	9/24/2014	ND	
MW-33R	d	Chlorobenzene	108-90-7	ug/L	9/24/2014	ND	
MW-50	d	Chlorobenzene	108-90-7	ug/L	9/24/2014	ND	
MW-51	d	Chlorobenzene	108-90-7	ug/L	9/24/2014	ND	
MW-52	d	Chlorobenzene	108-90-7	ug/L	9/24/2014	ND	
MW-53	d	Chlorobenzene	108-90-7	ug/L	9/24/2014		9.12
MW-54	d	Chlorobenzene	108-90-7	ug/L	9/24/2014	ND	
MW-14R	d	Chlorobenzene	108-90-7	ug/L	12/4/2014	ND	
MW-18	d	Chlorobenzene	108-90-7	ug/L	12/4/2014	ND	
MW-19	d	Chlorobenzene	108-90-7	ug/L	12/4/2014	ND	
MW-20	d	Chlorobenzene	108-90-7	ug/L	12/4/2014	ND	
MW-21	d	Chlorobenzene	108-90-7	ug/L	12/4/2014	ND	
MW-22R	d	Chlorobenzene	108-90-7	ug/L	12/4/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-28	d	Chlorobenzene	108-90-7	ug/L	12/4/2014	ND	
MW-39	d	Chlorobenzene	108-90-7	ug/L	12/4/2014	ND	
MW-56	d	Chlorobenzene	108-90-7	ug/L	12/4/2014	ND	
MW-57	d	Chlorobenzene	108-90-7	ug/L	12/4/2014	ND	
MW-57	d	Chlorobenzene	108-90-7	ug/L	12/4/2014	ND	
MW-58	d	Chlorobenzene	108-90-7	ug/L	12/4/2014		3.37
MW-14R	d	Chlorobenzene	108-90-7	ug/L	3/11/2015	ND	
MW-18	d	Chlorobenzene	108-90-7	ug/L	3/11/2015	ND	
MW-19	d	Chlorobenzene	108-90-7	ug/L	3/11/2015	ND	
MW-20	d	Chlorobenzene	108-90-7	ug/L	3/11/2015	ND	
MW-21	d	Chlorobenzene	108-90-7	ug/L	3/11/2015	ND	
MW-22R	d	Chlorobenzene	108-90-7	ug/L	3/11/2015	ND	
MW-28	d	Chlorobenzene	108-90-7	ug/L	3/11/2015	ND	
MW-39	d	Chlorobenzene	108-90-7	ug/L	3/11/2015	ND	
MW-55	d	Chlorobenzene	108-90-7	ug/L	3/11/2015	ND	
MW-56	d	Chlorobenzene	108-90-7	ug/L	3/11/2015	ND	
MW-57	d	Chlorobenzene	108-90-7	ug/L	3/11/2015	ND	
MW-58	d	Chlorobenzene	108-90-7	ug/L	3/11/2015		5.47
MW-58	d	Chlorobenzene	108-90-7	ug/L	3/11/2015		6.38
MW-29	d	Chlorobenzene	108-90-7	ug/L	6/29/2015		9.44
MW-30R	d	Chlorobenzene	108-90-7	ug/L	6/29/2015	ND	
MW-31R	d	Chlorobenzene	108-90-7	ug/L	6/29/2015	ND	
MW-31R	d	Chlorobenzene	108-90-7	ug/L	6/29/2015	ND	
MW-32R	d	Chlorobenzene	108-90-7	ug/L	6/29/2015	ND	
MW-33R	d	Chlorobenzene	108-90-7	ug/L	6/29/2015	ND	
MW-50	d	Chlorobenzene	108-90-7	ug/L	6/29/2015	ND	
MW-51	d	Chlorobenzene	108-90-7	ug/L	6/29/2015	ND	
MW-52	d	Chlorobenzene	108-90-7	ug/L	6/29/2015	ND	
MW-53	d	Chlorobenzene	108-90-7	ug/L	6/29/2015		9.04
MW-54	d	Chlorobenzene	108-90-7	ug/L	6/29/2015	ND	
GU-3A	d	Chlorobenzene	108-90-7	ug/L	9/22/2015	ND	
MW-14R	d	Chlorobenzene	108-90-7	ug/L	2/15/2016	ND	
MW-14R	d	Chlorobenzene	108-90-7	ug/L	2/15/2016	ND	
MW-18	d	Chlorobenzene	108-90-7	ug/L	2/15/2016	ND	
MW-19	d	Chlorobenzene	108-90-7	ug/L	2/15/2016	ND	
MW-39	d	Chlorobenzene	108-90-7	ug/L	2/15/2016	ND	
MW-20	d	Chlorobenzene	108-90-7	ug/L	2/16/2016	ND	
MW-21	d	Chlorobenzene	108-90-7	ug/L	2/16/2016	ND	
MW-55	d	Chlorobenzene	108-90-7	ug/L	2/16/2016	ND	
MW-56	d	Chlorobenzene	108-90-7	ug/L	2/16/2016	ND	
MW-57	d	Chlorobenzene	108-90-7	ug/L	2/16/2016	ND	
MW-58	d	Chlorobenzene	108-90-7	ug/L	2/16/2016		6.06
MW-22R	d	Chlorobenzene	108-90-7	ug/L	2/17/2016	ND	
MW-28	d	Chlorobenzene	108-90-7	ug/L	8/25/2016	ND	
MW-29	d	Chlorobenzene	108-90-7	ug/L	8/25/2016		9.97
MW-30R	d	Chlorobenzene	108-90-7	ug/L	8/25/2016	ND	
MW-31R	d	Chlorobenzene	108-90-7	ug/L	8/25/2016	ND	
MW-32R	d	Chlorobenzene	108-90-7	ug/L	8/25/2016	ND	
MW-33R	d	Chlorobenzene	108-90-7	ug/L	8/25/2016	ND	
MW-50	d	Chlorobenzene	108-90-7	ug/L	8/25/2016	ND	
MW-51	d	Chlorobenzene	108-90-7	ug/L	8/25/2016	ND	
MW-52	d	Chlorobenzene	108-90-7	ug/L	8/25/2016	ND	
MW-53	d	Chlorobenzene	108-90-7	ug/L	8/25/2016		9.14
MW-54	d	Chlorobenzene	108-90-7	ug/L	8/25/2016	ND	
GU-3A	d	Chlorobenzene	108-90-7	ug/L	8/26/2016	ND	
MW-18	d	Chlorobenzene	108-90-7	ug/L	1/17/2017	ND	
MW-19	d	Chlorobenzene	108-90-7	ug/L	1/17/2017	ND	
MW-22R	d	Chlorobenzene	108-90-7	ug/L	1/17/2017	ND	
MW-28	d	Chlorobenzene	108-90-7	ug/L	1/17/2017	ND	
MW-28	d	Chlorobenzene	108-90-7	ug/L	1/17/2017	ND	
MW-39	d	Chlorobenzene	108-90-7	ug/L	1/17/2017	ND	
MW-50	d	Chlorobenzene	108-90-7	ug/L	1/17/2017	ND	
MW-51	d	Chlorobenzene	108-90-7	ug/L	1/17/2017	ND	
MW-53	d	Chlorobenzene	108-90-7	ug/L	1/17/2017		8.92
MW-54	d	Chlorobenzene	108-90-7	ug/L	1/17/2017	ND	
MW-56	d	Chlorobenzene	108-90-7	ug/L	1/17/2017	ND	
GU-3A	d	Chlorobenzene	108-90-7	ug/L	7/10/2017	ND	
MW-14R	d	Chlorobenzene	108-90-7	ug/L	7/10/2017	ND	
MW-20	d	Chlorobenzene	108-90-7	ug/L	7/10/2017	ND	
MW-21	d	Chlorobenzene	108-90-7	ug/L	7/10/2017	ND	
MW-29	d	Chlorobenzene	108-90-7	ug/L	7/10/2017		10.5
MW-30R	d	Chlorobenzene	108-90-7	ug/L	7/10/2017	ND	
MW-31R	d	Chlorobenzene	108-90-7	ug/L	7/10/2017	ND	
MW-32R	d	Chlorobenzene	108-90-7	ug/L	7/10/2017	ND	
MW-32R	d	Chlorobenzene	108-90-7	ug/L	7/10/2017	ND	
MW-33R	d	Chlorobenzene	108-90-7	ug/L	7/10/2017	ND	
MW-57	d	Chlorobenzene	108-90-7	ug/L	7/10/2017	ND	
MW-58	d	Chlorobenzene	108-90-7	ug/L	7/10/2017		6.82
MW-52	d	Chlorobenzene	108-90-7	ug/L	10/17/2017	ND	
MW-55	d	Chlorobenzene	108-90-7	ug/L	10/17/2017	ND	
GU-3A	d	Chlorobenzene	108-90-7	ug/L	4/3/2018	ND	
GU-3A	d	Chlorobenzene	108-90-7	ug/L	4/3/2018	ND	
MW-14R	d	Chlorobenzene	108-90-7	ug/L	4/3/2018	ND	
MW-20	d	Chlorobenzene	108-90-7	ug/L	4/3/2018	ND	
MW-21	d	Chlorobenzene	108-90-7	ug/L	4/3/2018	ND	
MW-29	d	Chlorobenzene	108-90-7	ug/L	4/3/2018		11.5
MW-30R	d	Chlorobenzene	108-90-7	ug/L	4/3/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	Chlorobenzene	108-90-7	ug/L	4/3/2018	ND	
MW-32R	d	Chlorobenzene	108-90-7	ug/L	4/3/2018	ND	
MW-33R	d	Chlorobenzene	108-90-7	ug/L	4/3/2018	ND	
MW-33R	d	Chlorobenzene	108-90-7	ug/L	4/3/2018	ND	
MW-57	d	Chlorobenzene	108-90-7	ug/L	4/3/2018	ND	
MW-58	d	Chlorobenzene	108-90-7	ug/L	4/3/2018		5.74
MW-39	d	Chlorobenzene	108-90-7	ug/L	11/1/2018	ND	
MW-50	d	Chlorobenzene	108-90-7	ug/L	11/1/2018	ND	
MW-51	d	Chlorobenzene	108-90-7	ug/L	11/1/2018	ND	
MW-52	d	Chlorobenzene	108-90-7	ug/L	11/1/2018	ND	
MW-53	d	Chlorobenzene	108-90-7	ug/L	11/1/2018		9.77
MW-54	d	Chlorobenzene	108-90-7	ug/L	11/1/2018	ND	
MW-55	d	Chlorobenzene	108-90-7	ug/L	11/1/2018	ND	
MW-18	d	Chlorobenzene	108-90-7	ug/L	11/2/2018	NDF2	
MW-19	d	Chlorobenzene	108-90-7	ug/L	11/2/2018	ND	
MW-22R	d	Chlorobenzene	108-90-7	ug/L	11/2/2018	ND	
MW-28	d	Chlorobenzene	108-90-7	ug/L	11/2/2018	ND	
MW-56	d	Chlorobenzene	108-90-7	ug/L	11/2/2018	NDH	
MW-18	d	Chlorobenzene	108-90-7	ug/L	5/16/2019	ND	
MW-19	d	Chlorobenzene	108-90-7	ug/L	5/16/2019	ND	
MW-23	u	Chlorobenzene	108-90-7	ug/L	5/16/2019	ND	
MW-24R	u	Chlorobenzene	108-90-7	ug/L	5/16/2019	ND	
MW-28	d	Chlorobenzene	108-90-7	ug/L	5/16/2019	ND	
MW-55	d	Chlorobenzene	108-90-7	ug/L	5/16/2019	ND	
MW-50	d	Chlorobenzene	108-90-7	ug/L	5/20/2019	ND	
MW-51	d	Chlorobenzene	108-90-7	ug/L	5/20/2019		1.61
MW-52	d	Chlorobenzene	108-90-7	ug/L	5/20/2019	ND	
MW-54	d	Chlorobenzene	108-90-7	ug/L	5/20/2019	ND	
MW-56	d	Chlorobenzene	108-90-7	ug/L	5/20/2019	ND	
MW-53	d	Chlorobenzene	108-90-7	ug/L	5/21/2019		10.9
MW-14R	d	Chlorobenzene	108-90-7	ug/L	9/11/2019	ND	
MW-29	d	Chlorobenzene	108-90-7	ug/L	9/11/2019		13.7
MW-30R	d	Chlorobenzene	108-90-7	ug/L	9/11/2019	ND	
MW-33R	d	Chlorobenzene	108-90-7	ug/L	9/11/2019	ND	
MW-58	d	Chlorobenzene	108-90-7	ug/L	9/11/2019		8.13
GU-3A	d	Chlorobenzene	108-90-7	ug/L	3/16/2020	ND	
MW-33R	d	Chlorobenzene	108-90-7	ug/L	3/16/2020	ND	
MW-14R	d	Chlorobenzene	108-90-7	ug/L	3/17/2020	ND	
MW-29	d	Chlorobenzene	108-90-7	ug/L	3/17/2020		26
MW-30R	d	Chlorobenzene	108-90-7	ug/L	3/17/2020	ND	
MW-58	d	Chlorobenzene	108-90-7	ug/L	3/17/2020		9.65
MW-19	d	Chlorobenzene	108-90-7	ug/L	7/20/2020	ND	
MW-28	d	Chlorobenzene	108-90-7	ug/L	7/20/2020	ND	
MW-51	d	Chlorobenzene	108-90-7	ug/L	7/20/2020		2.87
MW-55	d	Chlorobenzene	108-90-7	ug/L	7/20/2020	ND	
MW-56	d	Chlorobenzene	108-90-7	ug/L	7/20/2020	ND	
MW-57R	d	Chlorobenzene	108-90-7	ug/L	7/20/2020	ND	
MW-73	d	Chlorobenzene	108-90-7	ug/L	7/20/2020	ND	
MW-18	d	Chlorobenzene	108-90-7	ug/L	7/21/2020	ND	
MW-50	d	Chlorobenzene	108-90-7	ug/L	7/21/2020	ND	
MW-52	d	Chlorobenzene	108-90-7	ug/L	7/21/2020	ND	
MW-53	d	Chlorobenzene	108-90-7	ug/L	7/21/2020		12.9
MW-54	d	Chlorobenzene	108-90-7	ug/L	7/21/2020	ND	
MW-23	u	Chlorobenzene	108-90-7	ug/L	7/22/2020	ND	
MW-24R	u	Chlorobenzene	108-90-7	ug/L	7/22/2020	ND	
MW-55	d	Chlorobenzene	108-90-7	ug/L	11/12/2020	ND	
MW-33R	d	Chlorobenzene	108-90-7	ug/L	8/24/2021		<1.00
MW-14R	d	Chlorobenzene	108-90-7	ug/L	8/24/2021		<1.00
MW-29	d	Chlorobenzene	108-90-7	ug/L	8/25/2021		12.8
MW-58	d	Chlorobenzene	108-90-7	ug/L	8/25/2021		7.5
MW-30R	d	Chlorobenzene	108-90-7	ug/L	8/25/2021		<1.00
MW-68	d	Chlorobenzene	108-90-7	ug/L	8/25/2021		<1.00
MW-69	d	Chlorobenzene	108-90-7	ug/L	8/25/2021		<1.00
MW-70	d	Chlorobenzene	108-90-7	ug/L	8/26/2021		<1.00
MW-57R	d	Chlorobenzene	108-90-7	ug/L	8/26/2021		<1.00
PZ-13	d	Chlorobenzene	108-90-7	ug/L	8/27/2021		<1.00
MW-73	d	Chlorobenzene	108-90-7	ug/L	8/27/2021		<1.00
GU-3A	d	Chlorobenzene	108-90-7	ug/L	9/8/2021		<1.00
MW-24R	u	Chlorobenzene	108-90-7	ug/L	12/7/2021		<1.00
MW-28	d	Chlorobenzene	108-90-7	ug/L	12/7/2021		<1.00
MW-57R	d	Chlorobenzene	108-90-7	ug/L	12/7/2021		<1.00
MW-73	d	Chlorobenzene	108-90-7	ug/L	12/7/2021		<1.00
MW-56	d	Chlorobenzene	108-90-7	ug/L	12/7/2021		<1.00
MW-19	d	Chlorobenzene	108-90-7	ug/L	12/7/2021		<1.00
MW-18	d	Chlorobenzene	108-90-7	ug/L	12/7/2021		<1.00
MW-55	d	Chlorobenzene	108-90-7	ug/L	12/7/2021		<1.00
MW-50	d	Chlorobenzene	108-90-7	ug/L	12/7/2021		<1.00
MW-23	u	Chlorobenzene	108-90-7	ug/L	12/8/2021		<1.00
MW-39	d	Chlorobenzene	108-90-7	ug/L	12/8/2021		<1.00
MW-51	d	Chlorobenzene	108-90-7	ug/L	12/8/2021		2.77
MW-52	d	Chlorobenzene	108-90-7	ug/L	12/8/2021		<1.00
MW-53	d	Chlorobenzene	108-90-7	ug/L	12/8/2021		9.62
MW-54	d	Chlorobenzene	108-90-7	ug/L	12/8/2021		<1.00
MW-39	d	Chlorobenzilate	510-15-6	ug/L	3/11/2013	ND	
MW-31R	d	Chlorobenzilate	510-15-6	ug/L	9/10/2013	ND	
MW-32R	d	Chlorobenzilate	510-15-6	ug/L	9/10/2013	ND	
MW-18	d	Chlorobenzilate	510-15-6	ug/L	12/18/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-20	d	Chlorobenzilate	510-15-6	ug/L	12/18/2013	ND	
MW-21	d	Chlorobenzilate	510-15-6	ug/L	12/18/2013	ND	
MW-22R	d	Chlorobenzilate	510-15-6	ug/L	12/18/2013	ND	
MW-30R	d	Chlorobenzilate	510-15-6	ug/L	12/18/2013	ND	
MW-18	d	Chlorobenzilate	510-15-6	ug/L	6/24/2014	ND	
MW-29	d	Chlorobenzilate	510-15-6	ug/L	7/24/2014	ND	
MW-57	d	Chlorobenzilate	510-15-6	ug/L	7/24/2014	ND	
MW-58	d	Chlorobenzilate	510-15-6	ug/L	7/24/2014	ND	
MW-33R	d	Chlorobenzilate	510-15-6	ug/L	9/24/2014	ND	
MW-50	d	Chlorobenzilate	510-15-6	ug/L	9/24/2014	ND	
MW-51	d	Chlorobenzilate	510-15-6	ug/L	9/24/2014	ND	
MW-52	d	Chlorobenzilate	510-15-6	ug/L	9/24/2014	ND	
MW-53	d	Chlorobenzilate	510-15-6	ug/L	9/24/2014	ND	
MW-54	d	Chlorobenzilate	510-15-6	ug/L	9/24/2014	ND	
MW-14R	d	Chlorobenzilate	510-15-6	ug/L	12/4/2014	ND	
MW-19	d	Chlorobenzilate	510-15-6	ug/L	12/4/2014	ND	
MW-28	d	Chlorobenzilate	510-15-6	ug/L	12/4/2014	ND	
MW-56	d	Chlorobenzilate	510-15-6	ug/L	12/4/2014	ND	
MW-55	d	Chlorobenzilate	510-15-6	ug/L	3/11/2015	ND	
MW-20	d	Chlorobenzilate	510-15-6	ug/L	4/3/2018	ND	
MW-21	d	Chlorobenzilate	510-15-6	ug/L	4/3/2018	ND	
MW-30R	d	Chlorobenzilate	510-15-6	ug/L	4/3/2018	ND	
MW-31R	d	Chlorobenzilate	510-15-6	ug/L	4/3/2018	ND	
MW-32R	d	Chlorobenzilate	510-15-6	ug/L	4/3/2018	ND	
MW-39	d	Chlorobenzilate	510-15-6	ug/L	11/1/2018	ND	
MW-22R	d	Chlorobenzilate	510-15-6	ug/L	11/2/2018	ND	
MW-18	d	Chlorobenzilate	510-15-6	ug/L	5/16/2019	ND	
MW-19	d	Chlorobenzilate	510-15-6	ug/L	5/16/2019	ND	
MW-28	d	Chlorobenzilate	510-15-6	ug/L	5/16/2019	ND	
MW-50	d	Chlorobenzilate	510-15-6	ug/L	5/20/2019	ND	
MW-51	d	Chlorobenzilate	510-15-6	ug/L	5/20/2019	ND	
MW-52	d	Chlorobenzilate	510-15-6	ug/L	5/20/2019	ND	
MW-53	d	Chlorobenzilate	510-15-6	ug/L	5/20/2019	ND	
MW-54	d	Chlorobenzilate	510-15-6	ug/L	5/20/2019	ND	
MW-56	d	Chlorobenzilate	510-15-6	ug/L	5/20/2019	ND	
MW-14R	d	Chlorobenzilate	510-15-6	ug/L	9/11/2019	ND	
MW-29	d	Chlorobenzilate	510-15-6	ug/L	9/11/2019	ND	
MW-33R	d	Chlorobenzilate	510-15-6	ug/L	9/11/2019	ND	
MW-58	d	Chlorobenzilate	510-15-6	ug/L	9/11/2019	ND	
MW-55	d	Chlorobenzilate	510-15-6	ug/L	11/12/2020	ND	
MW-51	d	Chlorodibromomethane	124-48-1	ug/L	1/15/2010	ND	
MW-24R	u	Chlorodibromomethane	124-48-1	ug/L	2/11/2010	ND	
MW-53	d	Chlorodibromomethane	124-48-1	ug/L	2/11/2010	ND	
GU-3A	d	Chlorodibromomethane	124-48-1	ug/L	3/24/2010	ND	
MW-20	d	Chlorodibromomethane	124-48-1	ug/L	3/24/2010	ND	
MW-21	d	Chlorodibromomethane	124-48-1	ug/L	3/24/2010	ND	
MW-22R	d	Chlorodibromomethane	124-48-1	ug/L	3/24/2010	ND	
MW-52	d	Chlorodibromomethane	124-48-1	ug/L	3/24/2010	ND	
MW-54	d	Chlorodibromomethane	124-48-1	ug/L	3/24/2010	ND	
MW-55	d	Chlorodibromomethane	124-48-1	ug/L	3/24/2010	ND	
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	4/9/2010	ND	
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	4/9/2010	ND	
MW-50	d	Chlorodibromomethane	124-48-1	ug/L	4/9/2010	ND	
MW-56	d	Chlorodibromomethane	124-48-1	ug/L	4/9/2010	ND	
MW-57	d	Chlorodibromomethane	124-48-1	ug/L	4/9/2010	ND	
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	4/9/2010	ND	
MW-32R	d	Chlorodibromomethane	124-48-1	ug/L	5/18/2010	ND	
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	6/17/2010	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	6/17/2010	ND	
MW-29	d	Chlorodibromomethane	124-48-1	ug/L	6/17/2010	ND	
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	6/17/2010	ND	
MW-31R	d	Chlorodibromomethane	124-48-1	ug/L	6/17/2010	ND	
MW-51	d	Chlorodibromomethane	124-48-1	ug/L	6/17/2010	ND	
MW-21	d	Chlorodibromomethane	124-48-1	ug/L	7/21/2010	ND	
MW-54	d	Chlorodibromomethane	124-48-1	ug/L	7/21/2010	ND	
MW-20	d	Chlorodibromomethane	124-48-1	ug/L	8/17/2010	ND	
MW-29	d	Chlorodibromomethane	124-48-1	ug/L	8/17/2010	ND	
MW-39	d	Chlorodibromomethane	124-48-1	ug/L	8/17/2010	ND	
MW-51	d	Chlorodibromomethane	124-48-1	ug/L	8/17/2010	ND	
GU-3A	d	Chlorodibromomethane	124-48-1	ug/L	9/17/2010	ND	
MW-22R	d	Chlorodibromomethane	124-48-1	ug/L	9/17/2010	ND	
MW-55	d	Chlorodibromomethane	124-48-1	ug/L	9/17/2010	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	10/22/2010	ND	
MW-24R	u	Chlorodibromomethane	124-48-1	ug/L	10/22/2010	ND	
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	10/22/2010	ND	
MW-31R	d	Chlorodibromomethane	124-48-1	ug/L	10/22/2010	ND	
MW-50	d	Chlorodibromomethane	124-48-1	ug/L	10/22/2010	ND	
MW-53	d	Chlorodibromomethane	124-48-1	ug/L	10/22/2010	ND	
MW-56	d	Chlorodibromomethane	124-48-1	ug/L	10/22/2010	ND	
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	10/22/2010	ND	
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	11/8/2010	ND	
MW-32R	d	Chlorodibromomethane	124-48-1	ug/L	11/8/2010	ND	
MW-57	d	Chlorodibromomethane	124-48-1	ug/L	11/8/2010	ND	
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	12/15/2010	ND	
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	12/15/2010	ND	
MW-52	d	Chlorodibromomethane	124-48-1	ug/L	12/15/2010	ND	
MW-54	d	Chlorodibromomethane	124-48-1	ug/L	1/12/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-54	d	Chlorodibromomethane	124-48-1	ug/L	1/12/2011	ND	
MW-20	d	Chlorodibromomethane	124-48-1	ug/L	2/22/2011	ND	
MW-22R	d	Chlorodibromomethane	124-48-1	ug/L	2/22/2011	ND	
MW-51	d	Chlorodibromomethane	124-48-1	ug/L	2/22/2011	ND	
MW-52	d	Chlorodibromomethane	124-48-1	ug/L	2/22/2011	ND	
MW-53	d	Chlorodibromomethane	124-48-1	ug/L	2/22/2011	ND	
MW-55	d	Chlorodibromomethane	124-48-1	ug/L	2/22/2011	ND	
GU-3A	d	Chlorodibromomethane	124-48-1	ug/L	3/2/2011	ND	
MW-21	d	Chlorodibromomethane	124-48-1	ug/L	3/2/2011	ND	
MW-21	d	Chlorodibromomethane	124-48-1	ug/L	3/2/2011	ND	
MW-29	d	Chlorodibromomethane	124-48-1	ug/L	4/21/2011	ND	
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	4/21/2011	ND	
MW-31R	d	Chlorodibromomethane	124-48-1	ug/L	4/21/2011	ND	
MW-31R	d	Chlorodibromomethane	124-48-1	ug/L	4/21/2011	ND	
MW-32R	d	Chlorodibromomethane	124-48-1	ug/L	4/21/2011	ND	
MW-54	d	Chlorodibromomethane	124-48-1	ug/L	5/31/2011	ND	
MW-56	d	Chlorodibromomethane	124-48-1	ug/L	5/31/2011	ND	
MW-57	d	Chlorodibromomethane	124-48-1	ug/L	5/31/2011	ND	
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	5/31/2011	ND	
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	6/7/2011	ND	
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	6/7/2011	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	6/7/2011	ND	
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	6/7/2011	ND	
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	6/7/2011	ND	
MW-39	d	Chlorodibromomethane	124-48-1	ug/L	6/7/2011	ND	
MW-50	d	Chlorodibromomethane	124-48-1	ug/L	6/7/2011	ND	
MW-52	d	Chlorodibromomethane	124-48-1	ug/L	7/22/2011	ND	
MW-56	d	Chlorodibromomethane	124-48-1	ug/L	7/22/2011	ND	
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	7/22/2011	ND	
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	8/29/2011	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	8/29/2011	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	8/29/2011	ND	
MW-32R	d	Chlorodibromomethane	124-48-1	ug/L	8/29/2011	ND	
GU-3A	d	Chlorodibromomethane	124-48-1	ug/L	9/9/2011	ND	
MW-22R	d	Chlorodibromomethane	124-48-1	ug/L	9/9/2011	ND	
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	9/9/2011	ND	
MW-29	d	Chlorodibromomethane	124-48-1	ug/L	9/9/2011	ND	
MW-51	d	Chlorodibromomethane	124-48-1	ug/L	9/9/2011	ND	
MW-53	d	Chlorodibromomethane	124-48-1	ug/L	9/9/2011	ND	
MW-53	d	Chlorodibromomethane	124-48-1	ug/L	9/9/2011	ND	
MW-21	d	Chlorodibromomethane	124-48-1	ug/L	10/4/2011	ND	
MW-50	d	Chlorodibromomethane	124-48-1	ug/L	10/4/2011	ND	
MW-50	d	Chlorodibromomethane	124-48-1	ug/L	10/4/2011	ND	
MW-54	d	Chlorodibromomethane	124-48-1	ug/L	10/4/2011	ND	
MW-57	d	Chlorodibromomethane	124-48-1	ug/L	10/4/2011	ND	
MW-20	d	Chlorodibromomethane	124-48-1	ug/L	11/29/2011	ND	
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	11/29/2011	ND	
MW-52	d	Chlorodibromomethane	124-48-1	ug/L	11/29/2011	ND	
MW-55	d	Chlorodibromomethane	124-48-1	ug/L	11/29/2011	ND	
MW-31R	d	Chlorodibromomethane	124-48-1	ug/L	12/16/2011	ND	
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	12/16/2011	ND	
MW-39	d	Chlorodibromomethane	124-48-1	ug/L	12/16/2011	ND	
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	3/8/2012	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	3/8/2012	ND	
MW-20	d	Chlorodibromomethane	124-48-1	ug/L	3/8/2012	ND	
MW-21	d	Chlorodibromomethane	124-48-1	ug/L	3/8/2012	ND	
MW-22R	d	Chlorodibromomethane	124-48-1	ug/L	3/8/2012	ND	
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	3/8/2012	ND	
MW-39	d	Chlorodibromomethane	124-48-1	ug/L	3/8/2012	ND	
MW-55	d	Chlorodibromomethane	124-48-1	ug/L	3/8/2012	ND	
MW-56	d	Chlorodibromomethane	124-48-1	ug/L	3/8/2012	ND	
MW-57	d	Chlorodibromomethane	124-48-1	ug/L	3/8/2012	ND	
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	3/8/2012	ND	
GU-3A	d	Chlorodibromomethane	124-48-1	ug/L	6/13/2012	ND	
MW-29	d	Chlorodibromomethane	124-48-1	ug/L	6/13/2012	ND	
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	6/13/2012	ND	
MW-31R	d	Chlorodibromomethane	124-48-1	ug/L	6/13/2012	ND	
MW-32R	d	Chlorodibromomethane	124-48-1	ug/L	6/13/2012	ND	
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	6/13/2012	ND	
MW-50	d	Chlorodibromomethane	124-48-1	ug/L	6/13/2012	ND	
MW-50	d	Chlorodibromomethane	124-48-1	ug/L	6/13/2012	ND	
MW-51	d	Chlorodibromomethane	124-48-1	ug/L	6/13/2012	ND	
MW-52	d	Chlorodibromomethane	124-48-1	ug/L	6/13/2012	ND	
MW-53	d	Chlorodibromomethane	124-48-1	ug/L	6/13/2012	ND	
MW-54	d	Chlorodibromomethane	124-48-1	ug/L	6/13/2012	ND	
GU-3A	d	Chlorodibromomethane	124-48-1	ug/L	9/4/2012	ND	
MW-20	d	Chlorodibromomethane	124-48-1	ug/L	9/4/2012	ND	
MW-21	d	Chlorodibromomethane	124-48-1	ug/L	9/4/2012	ND	
MW-22R	d	Chlorodibromomethane	124-48-1	ug/L	9/4/2012	ND	
MW-50	d	Chlorodibromomethane	124-48-1	ug/L	9/4/2012	ND	
MW-51	d	Chlorodibromomethane	124-48-1	ug/L	9/4/2012	ND	
MW-52	d	Chlorodibromomethane	124-48-1	ug/L	9/4/2012	ND	
MW-53	d	Chlorodibromomethane	124-48-1	ug/L	9/4/2012	ND	
MW-54	d	Chlorodibromomethane	124-48-1	ug/L	9/4/2012	ND	
MW-54	d	Chlorodibromomethane	124-48-1	ug/L	9/4/2012	ND	
MW-57	d	Chlorodibromomethane	124-48-1	ug/L	9/4/2012	ND	
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	9/4/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	12/19/2012	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	12/19/2012	ND	
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	12/19/2012	ND	
MW-29	d	Chlorodibromomethane	124-48-1	ug/L	12/19/2012	ND	
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	12/19/2012	ND	
MW-31R	d	Chlorodibromomethane	124-48-1	ug/L	12/19/2012	ND	
MW-32R	d	Chlorodibromomethane	124-48-1	ug/L	12/19/2012	ND	
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	12/19/2012	ND	
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	12/19/2012	ND	
MW-39	d	Chlorodibromomethane	124-48-1	ug/L	12/19/2012	ND	
MW-55	d	Chlorodibromomethane	124-48-1	ug/L	12/19/2012	ND	
MW-56	d	Chlorodibromomethane	124-48-1	ug/L	12/19/2012	ND	
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	3/11/2013	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	3/11/2013	ND	
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	3/11/2013	ND	
MW-39	d	Chlorodibromomethane	124-48-1	ug/L	3/11/2013	ND	
MW-50	d	Chlorodibromomethane	124-48-1	ug/L	3/11/2013	ND	
MW-50	d	Chlorodibromomethane	124-48-1	ug/L	3/11/2013	ND	
MW-51	d	Chlorodibromomethane	124-48-1	ug/L	3/11/2013	ND	
MW-52	d	Chlorodibromomethane	124-48-1	ug/L	3/11/2013	ND	
MW-53	d	Chlorodibromomethane	124-48-1	ug/L	3/11/2013	ND	
MW-54	d	Chlorodibromomethane	124-48-1	ug/L	3/11/2013	ND	
MW-55	d	Chlorodibromomethane	124-48-1	ug/L	3/11/2013	ND	
MW-56	d	Chlorodibromomethane	124-48-1	ug/L	3/11/2013	ND	
MW-20	d	Chlorodibromomethane	124-48-1	ug/L	6/10/2013	ND	
MW-20	d	Chlorodibromomethane	124-48-1	ug/L	6/10/2013	ND	
MW-21	d	Chlorodibromomethane	124-48-1	ug/L	6/10/2013	ND	
MW-22R	d	Chlorodibromomethane	124-48-1	ug/L	6/10/2013	ND	
MW-29	d	Chlorodibromomethane	124-48-1	ug/L	6/10/2013	ND	
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	6/10/2013	ND	
MW-31R	d	Chlorodibromomethane	124-48-1	ug/L	6/10/2013	ND	
MW-32R	d	Chlorodibromomethane	124-48-1	ug/L	6/10/2013	ND	
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	6/10/2013	ND	
MW-57	d	Chlorodibromomethane	124-48-1	ug/L	6/10/2013	ND	
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	6/10/2013	ND	
GU-3A	d	Chlorodibromomethane	124-48-1	ug/L	9/10/2013	ND	
MW-31R	d	Chlorodibromomethane	124-48-1	ug/L	9/10/2013	ND	
MW-31R	d	Chlorodibromomethane	124-48-1	ug/L	9/10/2013	ND	
MW-32R	d	Chlorodibromomethane	124-48-1	ug/L	9/10/2013	ND	
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	9/10/2013	ND	
MW-50	d	Chlorodibromomethane	124-48-1	ug/L	9/10/2013	ND	
MW-51	d	Chlorodibromomethane	124-48-1	ug/L	9/10/2013	ND	
MW-52	d	Chlorodibromomethane	124-48-1	ug/L	9/10/2013	ND	
MW-53	d	Chlorodibromomethane	124-48-1	ug/L	9/10/2013	ND	
MW-54	d	Chlorodibromomethane	124-48-1	ug/L	9/10/2013	ND	
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	12/18/2013	ND	
MW-18	d	Chlorodibromomethane	124-48-1	ug/L	12/18/2013	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	12/18/2013	ND	
MW-20	d	Chlorodibromomethane	124-48-1	ug/L	12/18/2013	ND	
MW-21	d	Chlorodibromomethane	124-48-1	ug/L	12/18/2013	ND	
MW-22R	d	Chlorodibromomethane	124-48-1	ug/L	12/18/2013	ND	
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	12/18/2013	ND	
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	12/18/2013	ND	
MW-39	d	Chlorodibromomethane	124-48-1	ug/L	12/18/2013	ND	
MW-39	d	Chlorodibromomethane	124-48-1	ug/L	12/18/2013	ND	
MW-55	d	Chlorodibromomethane	124-48-1	ug/L	12/18/2013	ND	
MW-18	d	Chlorodibromomethane	124-48-1	ug/L	3/20/2014	ND	
MW-20	d	Chlorodibromomethane	124-48-1	ug/L	3/20/2014	ND	
MW-21	d	Chlorodibromomethane	124-48-1	ug/L	3/20/2014	ND	
MW-21	d	Chlorodibromomethane	124-48-1	ug/L	3/20/2014	ND	
MW-22R	d	Chlorodibromomethane	124-48-1	ug/L	3/20/2014	ND	
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	3/20/2014	ND	
MW-31R	d	Chlorodibromomethane	124-48-1	ug/L	3/20/2014	ND	
MW-32R	d	Chlorodibromomethane	124-48-1	ug/L	3/20/2014	ND	
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	3/20/2014	ND	
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	6/24/2014	ND	
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	6/24/2014	ND	
MW-18	d	Chlorodibromomethane	124-48-1	ug/L	6/24/2014	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	6/24/2014	ND	
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	6/24/2014	ND	
MW-39	d	Chlorodibromomethane	124-48-1	ug/L	6/24/2014	ND	
MW-50	d	Chlorodibromomethane	124-48-1	ug/L	6/24/2014	ND	
MW-51	d	Chlorodibromomethane	124-48-1	ug/L	6/24/2014	ND	
MW-52	d	Chlorodibromomethane	124-48-1	ug/L	6/24/2014	ND	
MW-53	d	Chlorodibromomethane	124-48-1	ug/L	6/24/2014	ND	
MW-54	d	Chlorodibromomethane	124-48-1	ug/L	6/24/2014	ND	
MW-55	d	Chlorodibromomethane	124-48-1	ug/L	6/24/2014	ND	
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	6/24/2014	ND	
MW-29	d	Chlorodibromomethane	124-48-1	ug/L	7/24/2014	ND	
MW-56	d	Chlorodibromomethane	124-48-1	ug/L	7/24/2014	ND	
MW-57	d	Chlorodibromomethane	124-48-1	ug/L	7/24/2014	ND	
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	7/24/2014	ND	
GU-3A	d	Chlorodibromomethane	124-48-1	ug/L	9/24/2014	ND	
MW-18	d	Chlorodibromomethane	124-48-1	ug/L	9/24/2014	ND	
MW-29	d	Chlorodibromomethane	124-48-1	ug/L	9/24/2014	ND	
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	9/24/2014	ND	
MW-31R	d	Chlorodibromomethane	124-48-1	ug/L	9/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	Chlorodibromomethane	124-48-1	ug/L	9/24/2014	ND	
MW-32R	d	Chlorodibromomethane	124-48-1	ug/L	9/24/2014	ND	
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	9/24/2014	ND	
MW-50	d	Chlorodibromomethane	124-48-1	ug/L	9/24/2014	ND	
MW-51	d	Chlorodibromomethane	124-48-1	ug/L	9/24/2014	ND	
MW-52	d	Chlorodibromomethane	124-48-1	ug/L	9/24/2014	ND	
MW-53	d	Chlorodibromomethane	124-48-1	ug/L	9/24/2014	ND	
MW-54	d	Chlorodibromomethane	124-48-1	ug/L	9/24/2014	ND	
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	12/4/2014	ND	
MW-18	d	Chlorodibromomethane	124-48-1	ug/L	12/4/2014	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	12/4/2014	ND	
MW-20	d	Chlorodibromomethane	124-48-1	ug/L	12/4/2014	ND	
MW-21	d	Chlorodibromomethane	124-48-1	ug/L	12/4/2014	ND	
MW-22R	d	Chlorodibromomethane	124-48-1	ug/L	12/4/2014	ND	
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	12/4/2014	ND	
MW-39	d	Chlorodibromomethane	124-48-1	ug/L	12/4/2014	ND	
MW-56	d	Chlorodibromomethane	124-48-1	ug/L	12/4/2014	ND	
MW-57	d	Chlorodibromomethane	124-48-1	ug/L	12/4/2014	ND	
MW-57	d	Chlorodibromomethane	124-48-1	ug/L	12/4/2014	ND	
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	12/4/2014	ND	
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	3/11/2015	ND	
MW-18	d	Chlorodibromomethane	124-48-1	ug/L	3/11/2015	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	3/11/2015	ND	
MW-20	d	Chlorodibromomethane	124-48-1	ug/L	3/11/2015	ND	
MW-21	d	Chlorodibromomethane	124-48-1	ug/L	3/11/2015	ND	
MW-22R	d	Chlorodibromomethane	124-48-1	ug/L	3/11/2015	ND	
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	3/11/2015	ND	
MW-39	d	Chlorodibromomethane	124-48-1	ug/L	3/11/2015	ND	
MW-55	d	Chlorodibromomethane	124-48-1	ug/L	3/11/2015	ND	
MW-56	d	Chlorodibromomethane	124-48-1	ug/L	3/11/2015	ND	
MW-57	d	Chlorodibromomethane	124-48-1	ug/L	3/11/2015	ND	
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	3/11/2015	ND	
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	3/11/2015	ND	
MW-29	d	Chlorodibromomethane	124-48-1	ug/L	6/29/2015	ND	
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	6/29/2015	ND	
MW-31R	d	Chlorodibromomethane	124-48-1	ug/L	6/29/2015	ND	
MW-31R	d	Chlorodibromomethane	124-48-1	ug/L	6/29/2015	ND	
MW-32R	d	Chlorodibromomethane	124-48-1	ug/L	6/29/2015	ND	
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	6/29/2015	ND	
MW-50	d	Chlorodibromomethane	124-48-1	ug/L	6/29/2015	ND	
MW-51	d	Chlorodibromomethane	124-48-1	ug/L	6/29/2015	ND	
MW-52	d	Chlorodibromomethane	124-48-1	ug/L	6/29/2015	ND	
MW-53	d	Chlorodibromomethane	124-48-1	ug/L	6/29/2015	ND	
MW-54	d	Chlorodibromomethane	124-48-1	ug/L	6/29/2015	ND	
GU-3A	d	Chlorodibromomethane	124-48-1	ug/L	9/22/2015	ND	
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	2/15/2016	ND	
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	2/15/2016	ND	
MW-18	d	Chlorodibromomethane	124-48-1	ug/L	2/15/2016	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	2/15/2016	ND	
MW-39	d	Chlorodibromomethane	124-48-1	ug/L	2/15/2016	ND	
MW-20	d	Chlorodibromomethane	124-48-1	ug/L	2/16/2016	ND	
MW-21	d	Chlorodibromomethane	124-48-1	ug/L	2/16/2016	ND	
MW-55	d	Chlorodibromomethane	124-48-1	ug/L	2/16/2016	ND	
MW-56	d	Chlorodibromomethane	124-48-1	ug/L	2/16/2016	ND	
MW-57	d	Chlorodibromomethane	124-48-1	ug/L	2/16/2016	ND	
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	2/16/2016	ND	
MW-22R	d	Chlorodibromomethane	124-48-1	ug/L	2/17/2016	ND	
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	8/25/2016	ND	
MW-29	d	Chlorodibromomethane	124-48-1	ug/L	8/25/2016	ND	
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	8/25/2016	ND	
MW-31R	d	Chlorodibromomethane	124-48-1	ug/L	8/25/2016	ND	
MW-32R	d	Chlorodibromomethane	124-48-1	ug/L	8/25/2016	ND	
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	8/25/2016	ND	
MW-50	d	Chlorodibromomethane	124-48-1	ug/L	8/25/2016	ND	
MW-51	d	Chlorodibromomethane	124-48-1	ug/L	8/25/2016	ND	
MW-52	d	Chlorodibromomethane	124-48-1	ug/L	8/25/2016	ND	
MW-53	d	Chlorodibromomethane	124-48-1	ug/L	8/25/2016	ND	
MW-54	d	Chlorodibromomethane	124-48-1	ug/L	8/25/2016	ND	
GU-3A	d	Chlorodibromomethane	124-48-1	ug/L	8/26/2016	ND	
MW-18	d	Chlorodibromomethane	124-48-1	ug/L	1/17/2017	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	1/17/2017	ND	
MW-22R	d	Chlorodibromomethane	124-48-1	ug/L	1/17/2017	ND	
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	1/17/2017	ND	
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	1/17/2017	ND	
MW-39	d	Chlorodibromomethane	124-48-1	ug/L	1/17/2017	ND	
MW-50	d	Chlorodibromomethane	124-48-1	ug/L	1/17/2017	ND	
MW-51	d	Chlorodibromomethane	124-48-1	ug/L	1/17/2017	ND	
MW-53	d	Chlorodibromomethane	124-48-1	ug/L	1/17/2017	ND	
MW-54	d	Chlorodibromomethane	124-48-1	ug/L	1/17/2017	ND	
MW-56	d	Chlorodibromomethane	124-48-1	ug/L	1/17/2017	ND	
GU-3A	d	Chlorodibromomethane	124-48-1	ug/L	7/10/2017	ND	
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	7/10/2017	ND	
MW-20	d	Chlorodibromomethane	124-48-1	ug/L	7/10/2017	ND	
MW-21	d	Chlorodibromomethane	124-48-1	ug/L	7/10/2017	ND	
MW-29	d	Chlorodibromomethane	124-48-1	ug/L	7/10/2017	ND	
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	7/10/2017	ND	
MW-31R	d	Chlorodibromomethane	124-48-1	ug/L	7/10/2017	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-32R	d	Chlorodibromomethane	124-48-1	ug/L	7/10/2017	ND	
MW-32R	d	Chlorodibromomethane	124-48-1	ug/L	7/10/2017	ND	
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	7/10/2017	ND	
MW-57	d	Chlorodibromomethane	124-48-1	ug/L	7/10/2017	ND	
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	7/10/2017	ND	
MW-52	d	Chlorodibromomethane	124-48-1	ug/L	10/17/2017	ND	
MW-55	d	Chlorodibromomethane	124-48-1	ug/L	10/17/2017	ND	
GU-3A	d	Chlorodibromomethane	124-48-1	ug/L	4/3/2018	ND	
GU-3A	d	Chlorodibromomethane	124-48-1	ug/L	4/3/2018	ND	
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	4/3/2018	ND	
MW-20	d	Chlorodibromomethane	124-48-1	ug/L	4/3/2018	ND	
MW-21	d	Chlorodibromomethane	124-48-1	ug/L	4/3/2018	ND	
MW-29	d	Chlorodibromomethane	124-48-1	ug/L	4/3/2018	ND	
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	4/3/2018	ND	
MW-31R	d	Chlorodibromomethane	124-48-1	ug/L	4/3/2018	ND	
MW-32R	d	Chlorodibromomethane	124-48-1	ug/L	4/3/2018	ND	
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	4/3/2018	ND	
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	4/3/2018	ND	
MW-57	d	Chlorodibromomethane	124-48-1	ug/L	4/3/2018	ND	
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	4/3/2018	ND	
MW-39	d	Chlorodibromomethane	124-48-1	ug/L	11/1/2018	ND	
MW-50	d	Chlorodibromomethane	124-48-1	ug/L	11/1/2018	ND	
MW-51	d	Chlorodibromomethane	124-48-1	ug/L	11/1/2018	ND	
MW-52	d	Chlorodibromomethane	124-48-1	ug/L	11/1/2018	ND	
MW-53	d	Chlorodibromomethane	124-48-1	ug/L	11/1/2018	ND	
MW-54	d	Chlorodibromomethane	124-48-1	ug/L	11/1/2018	ND	
MW-55	d	Chlorodibromomethane	124-48-1	ug/L	11/1/2018	ND	
MW-18	d	Chlorodibromomethane	124-48-1	ug/L	11/2/2018	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	11/2/2018	ND	
MW-22R	d	Chlorodibromomethane	124-48-1	ug/L	11/2/2018	ND	
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	11/2/2018	ND	
MW-56	d	Chlorodibromomethane	124-48-1	ug/L	11/2/2018	NDH	
MW-18	d	Chlorodibromomethane	124-48-1	ug/L	5/16/2019	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	5/16/2019	ND	
MW-23	u	Chlorodibromomethane	124-48-1	ug/L	5/16/2019	ND	
MW-24R	u	Chlorodibromomethane	124-48-1	ug/L	5/16/2019	ND	
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	5/16/2019	ND	
MW-55	d	Chlorodibromomethane	124-48-1	ug/L	5/16/2019	ND	
MW-50	d	Chlorodibromomethane	124-48-1	ug/L	5/20/2019	ND	
MW-51	d	Chlorodibromomethane	124-48-1	ug/L	5/20/2019	ND	
MW-52	d	Chlorodibromomethane	124-48-1	ug/L	5/20/2019	ND	
MW-54	d	Chlorodibromomethane	124-48-1	ug/L	5/20/2019	ND	
MW-56	d	Chlorodibromomethane	124-48-1	ug/L	5/20/2019	ND	
MW-53	d	Chlorodibromomethane	124-48-1	ug/L	5/21/2019	ND	
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	9/11/2019	ND	
MW-29	d	Chlorodibromomethane	124-48-1	ug/L	9/11/2019	ND	
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	9/11/2019	ND	
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	9/11/2019	ND	
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	9/11/2019	ND	
GU-3A	d	Chlorodibromomethane	124-48-1	ug/L	3/16/2020	ND	
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	3/16/2020	ND	
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	3/17/2020	ND	
MW-29	d	Chlorodibromomethane	124-48-1	ug/L	3/17/2020	ND	
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	3/17/2020	ND	
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	3/17/2020	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	7/20/2020	ND	
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	7/20/2020	ND	
MW-51	d	Chlorodibromomethane	124-48-1	ug/L	7/20/2020	ND	
MW-55	d	Chlorodibromomethane	124-48-1	ug/L	7/20/2020	ND	
MW-56	d	Chlorodibromomethane	124-48-1	ug/L	7/20/2020	ND	
MW-57R	d	Chlorodibromomethane	124-48-1	ug/L	7/20/2020	ND	
MW-73	d	Chlorodibromomethane	124-48-1	ug/L	7/20/2020	ND	
MW-18	d	Chlorodibromomethane	124-48-1	ug/L	7/21/2020	ND	
MW-50	d	Chlorodibromomethane	124-48-1	ug/L	7/21/2020	ND	
MW-52	d	Chlorodibromomethane	124-48-1	ug/L	7/21/2020	ND	
MW-53	d	Chlorodibromomethane	124-48-1	ug/L	7/21/2020	ND	
MW-54	d	Chlorodibromomethane	124-48-1	ug/L	7/21/2020	ND	
MW-23	u	Chlorodibromomethane	124-48-1	ug/L	7/22/2020	ND	
MW-24R	u	Chlorodibromomethane	124-48-1	ug/L	7/22/2020	ND	
MW-55	d	Chlorodibromomethane	124-48-1	ug/L	11/12/2020	ND	
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	8/24/2021		<5.00
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	8/24/2021		<5.00
MW-29	d	Chlorodibromomethane	124-48-1	ug/L	8/25/2021		<5.00
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	8/25/2021		<5.00
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	8/25/2021		<5.00
MW-68	d	Chlorodibromomethane	124-48-1	ug/L	8/25/2021		<5.00
MW-69	d	Chlorodibromomethane	124-48-1	ug/L	8/25/2021		<5.00
MW-70	d	Chlorodibromomethane	124-48-1	ug/L	8/26/2021		<5.00
MW-57R	d	Chlorodibromomethane	124-48-1	ug/L	8/26/2021		<5.00
PZ-13	d	Chlorodibromomethane	124-48-1	ug/L	8/27/2021		<5.00
MW-73	d	Chlorodibromomethane	124-48-1	ug/L	8/27/2021		<5.00
GU-3A	d	Chlorodibromomethane	124-48-1	ug/L	9/8/2021		<5.00
MW-24R	u	Chlorodibromomethane	124-48-1	ug/L	12/7/2021		<5.00
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	12/7/2021		<5.00
MW-57R	d	Chlorodibromomethane	124-48-1	ug/L	12/7/2021		<5.00
MW-73	d	Chlorodibromomethane	124-48-1	ug/L	12/7/2021		<5.00
MW-56	d	Chlorodibromomethane	124-48-1	ug/L	12/7/2021		<5.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	12/7/2021		<5.00
MW-18	d	Chlorodibromomethane	124-48-1	ug/L	12/7/2021		<5.00
MW-55	d	Chlorodibromomethane	124-48-1	ug/L	12/7/2021		<5.00
MW-50	d	Chlorodibromomethane	124-48-1	ug/L	12/7/2021		<5.00
MW-23	u	Chlorodibromomethane	124-48-1	ug/L	12/8/2021		<5.00
MW-39	d	Chlorodibromomethane	124-48-1	ug/L	12/8/2021		<5.00
MW-51	d	Chlorodibromomethane	124-48-1	ug/L	12/8/2021		<5.00
MW-52	d	Chlorodibromomethane	124-48-1	ug/L	12/8/2021		<5.00
MW-53	d	Chlorodibromomethane	124-48-1	ug/L	12/8/2021		<5.00
MW-54	d	Chlorodibromomethane	124-48-1	ug/L	12/8/2021		<5.00
MW-51	d	Chloroethane	75-00-3	ug/L	1/15/2010	ND	
MW-24R	u	Chloroethane	75-00-3	ug/L	2/11/2010	ND	
MW-53	d	Chloroethane	75-00-3	ug/L	2/11/2010	ND	
GU-3A	d	Chloroethane	75-00-3	ug/L	3/24/2010	ND	
MW-20	d	Chloroethane	75-00-3	ug/L	3/24/2010	ND	
MW-21	d	Chloroethane	75-00-3	ug/L	3/24/2010	ND	
MW-22R	d	Chloroethane	75-00-3	ug/L	3/24/2010	ND	
MW-52	d	Chloroethane	75-00-3	ug/L	3/24/2010	ND	
MW-54	d	Chloroethane	75-00-3	ug/L	3/24/2010	ND	
MW-55	d	Chloroethane	75-00-3	ug/L	3/24/2010	ND	
MW-28	d	Chloroethane	75-00-3	ug/L	4/9/2010	ND	
MW-33R	d	Chloroethane	75-00-3	ug/L	4/9/2010	ND	
MW-50	d	Chloroethane	75-00-3	ug/L	4/9/2010	ND	
MW-56	d	Chloroethane	75-00-3	ug/L	4/9/2010		5.31
MW-57	d	Chloroethane	75-00-3	ug/L	4/9/2010	ND	
MW-58	d	Chloroethane	75-00-3	ug/L	4/9/2010	ND	
MW-32R	d	Chloroethane	75-00-3	ug/L	5/18/2010	ND	
MW-14R	d	Chloroethane	75-00-3	ug/L	6/17/2010	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	6/17/2010	ND	
MW-29	d	Chloroethane	75-00-3	ug/L	6/17/2010	ND	
MW-30R	d	Chloroethane	75-00-3	ug/L	6/17/2010	ND	
MW-31R	d	Chloroethane	75-00-3	ug/L	6/17/2010	ND	
MW-51	d	Chloroethane	75-00-3	ug/L	6/17/2010	ND	
MW-21	d	Chloroethane	75-00-3	ug/L	7/21/2010	ND	
MW-54	d	Chloroethane	75-00-3	ug/L	7/21/2010	ND	
MW-20	d	Chloroethane	75-00-3	ug/L	8/17/2010	ND	
MW-29	d	Chloroethane	75-00-3	ug/L	8/17/2010	ND	
MW-39	d	Chloroethane	75-00-3	ug/L	8/17/2010	ND	
MW-51	d	Chloroethane	75-00-3	ug/L	8/17/2010	ND	
GU-3A	d	Chloroethane	75-00-3	ug/L	9/17/2010	ND	
MW-22R	d	Chloroethane	75-00-3	ug/L	9/17/2010	ND	
MW-55	d	Chloroethane	75-00-3	ug/L	9/17/2010	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	10/22/2010	ND	
MW-24R	u	Chloroethane	75-00-3	ug/L	10/22/2010	ND	
MW-30R	d	Chloroethane	75-00-3	ug/L	10/22/2010	ND	
MW-31R	d	Chloroethane	75-00-3	ug/L	10/22/2010	ND	
MW-50	d	Chloroethane	75-00-3	ug/L	10/22/2010	ND	
MW-53	d	Chloroethane	75-00-3	ug/L	10/22/2010	ND	
MW-56	d	Chloroethane	75-00-3	ug/L	10/22/2010	ND	
MW-58	d	Chloroethane	75-00-3	ug/L	10/22/2010		12.9
MW-14R	d	Chloroethane	75-00-3	ug/L	11/8/2010	ND	
MW-32R	d	Chloroethane	75-00-3	ug/L	11/8/2010	ND	
MW-57	d	Chloroethane	75-00-3	ug/L	11/8/2010	ND	
MW-28	d	Chloroethane	75-00-3	ug/L	12/15/2010	ND	
MW-33R	d	Chloroethane	75-00-3	ug/L	12/15/2010	ND	
MW-52	d	Chloroethane	75-00-3	ug/L	12/15/2010	ND	
MW-54	d	Chloroethane	75-00-3	ug/L	1/12/2011	ND	
MW-54	d	Chloroethane	75-00-3	ug/L	1/12/2011	ND	
MW-20	d	Chloroethane	75-00-3	ug/L	2/22/2011	ND	
MW-22R	d	Chloroethane	75-00-3	ug/L	2/22/2011	ND	
MW-51	d	Chloroethane	75-00-3	ug/L	2/22/2011	ND	
MW-52	d	Chloroethane	75-00-3	ug/L	2/22/2011	ND	
MW-53	d	Chloroethane	75-00-3	ug/L	2/22/2011	ND	
MW-55	d	Chloroethane	75-00-3	ug/L	2/22/2011	ND	
GU-3A	d	Chloroethane	75-00-3	ug/L	3/2/2011	ND	
MW-21	d	Chloroethane	75-00-3	ug/L	3/2/2011	ND	
MW-21	d	Chloroethane	75-00-3	ug/L	3/2/2011	ND	
MW-29	d	Chloroethane	75-00-3	ug/L	4/21/2011	ND	
MW-30R	d	Chloroethane	75-00-3	ug/L	4/21/2011	ND	
MW-31R	d	Chloroethane	75-00-3	ug/L	4/21/2011	ND	
MW-31R	d	Chloroethane	75-00-3	ug/L	4/21/2011	ND	
MW-32R	d	Chloroethane	75-00-3	ug/L	4/21/2011	ND	
MW-54	d	Chloroethane	75-00-3	ug/L	5/31/2011	ND	
MW-56	d	Chloroethane	75-00-3	ug/L	5/31/2011	ND	
MW-57	d	Chloroethane	75-00-3	ug/L	5/31/2011	ND	
MW-58	d	Chloroethane	75-00-3	ug/L	5/31/2011		8.18
MW-14R	d	Chloroethane	75-00-3	ug/L	6/7/2011	ND	
MW-14R	d	Chloroethane	75-00-3	ug/L	6/7/2011	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	6/7/2011	ND	
MW-28	d	Chloroethane	75-00-3	ug/L	6/7/2011	ND	
MW-33R	d	Chloroethane	75-00-3	ug/L	6/7/2011	ND	
MW-39	d	Chloroethane	75-00-3	ug/L	6/7/2011	ND	
MW-50	d	Chloroethane	75-00-3	ug/L	6/7/2011	ND	
MW-52	d	Chloroethane	75-00-3	ug/L	7/22/2011	ND	
MW-56	d	Chloroethane	75-00-3	ug/L	7/22/2011	ND	
MW-58	d	Chloroethane	75-00-3	ug/L	7/22/2011		6.71
MW-14R	d	Chloroethane	75-00-3	ug/L	8/29/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	Chloroethane	75-00-3	ug/L	8/29/2011	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	8/29/2011	ND	
MW-32R	d	Chloroethane	75-00-3	ug/L	8/29/2011	ND	
GU-3A	d	Chloroethane	75-00-3	ug/L	9/9/2011	ND	
MW-22R	d	Chloroethane	75-00-3	ug/L	9/9/2011	ND	
MW-28	d	Chloroethane	75-00-3	ug/L	9/9/2011	ND	
MW-29	d	Chloroethane	75-00-3	ug/L	9/9/2011	ND	
MW-51	d	Chloroethane	75-00-3	ug/L	9/9/2011	ND	
MW-53	d	Chloroethane	75-00-3	ug/L	9/9/2011	ND	
MW-53	d	Chloroethane	75-00-3	ug/L	9/9/2011	ND	
MW-21	d	Chloroethane	75-00-3	ug/L	10/4/2011	ND	
MW-50	d	Chloroethane	75-00-3	ug/L	10/4/2011	ND	
MW-50	d	Chloroethane	75-00-3	ug/L	10/4/2011	ND	
MW-54	d	Chloroethane	75-00-3	ug/L	10/4/2011	ND	
MW-57	d	Chloroethane	75-00-3	ug/L	10/4/2011	ND	
MW-20	d	Chloroethane	75-00-3	ug/L	11/29/2011	ND	
MW-30R	d	Chloroethane	75-00-3	ug/L	11/29/2011	ND	
MW-52	d	Chloroethane	75-00-3	ug/L	11/29/2011	ND	
MW-55	d	Chloroethane	75-00-3	ug/L	11/29/2011	ND	
MW-31R	d	Chloroethane	75-00-3	ug/L	12/16/2011	ND	
MW-33R	d	Chloroethane	75-00-3	ug/L	12/16/2011	ND	
MW-39	d	Chloroethane	75-00-3	ug/L	12/16/2011	ND	
MW-14R	d	Chloroethane	75-00-3	ug/L	3/8/2012	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	3/8/2012	ND	
MW-20	d	Chloroethane	75-00-3	ug/L	3/8/2012	ND	
MW-21	d	Chloroethane	75-00-3	ug/L	3/8/2012	ND	
MW-22R	d	Chloroethane	75-00-3	ug/L	3/8/2012	ND	
MW-28	d	Chloroethane	75-00-3	ug/L	3/8/2012	ND	
MW-39	d	Chloroethane	75-00-3	ug/L	3/8/2012	ND	
MW-55	d	Chloroethane	75-00-3	ug/L	3/8/2012	ND	
MW-56	d	Chloroethane	75-00-3	ug/L	3/8/2012	ND	
MW-57	d	Chloroethane	75-00-3	ug/L	3/8/2012	ND	
MW-58	d	Chloroethane	75-00-3	ug/L	3/8/2012	ND	
GU-3A	d	Chloroethane	75-00-3	ug/L	6/13/2012	ND	
MW-29	d	Chloroethane	75-00-3	ug/L	6/13/2012	ND	
MW-30R	d	Chloroethane	75-00-3	ug/L	6/13/2012	ND	
MW-31R	d	Chloroethane	75-00-3	ug/L	6/13/2012	ND	
MW-32R	d	Chloroethane	75-00-3	ug/L	6/13/2012	ND	
MW-33R	d	Chloroethane	75-00-3	ug/L	6/13/2012	ND	
MW-50	d	Chloroethane	75-00-3	ug/L	6/13/2012	ND	
MW-50	d	Chloroethane	75-00-3	ug/L	6/13/2012	ND	
MW-51	d	Chloroethane	75-00-3	ug/L	6/13/2012	ND	
MW-52	d	Chloroethane	75-00-3	ug/L	6/13/2012	ND	
MW-53	d	Chloroethane	75-00-3	ug/L	6/13/2012	ND	
MW-54	d	Chloroethane	75-00-3	ug/L	6/13/2012	ND	
GU-3A	d	Chloroethane	75-00-3	ug/L	9/4/2012	ND	
MW-20	d	Chloroethane	75-00-3	ug/L	9/4/2012	ND	
MW-21	d	Chloroethane	75-00-3	ug/L	9/4/2012		5.82
MW-22R	d	Chloroethane	75-00-3	ug/L	9/4/2012	ND	
MW-50	d	Chloroethane	75-00-3	ug/L	9/4/2012	ND	
MW-51	d	Chloroethane	75-00-3	ug/L	9/4/2012	ND	
MW-52	d	Chloroethane	75-00-3	ug/L	9/4/2012	ND	
MW-53	d	Chloroethane	75-00-3	ug/L	9/4/2012	ND	
MW-54	d	Chloroethane	75-00-3	ug/L	9/4/2012	ND	
MW-54	d	Chloroethane	75-00-3	ug/L	9/4/2012	ND	
MW-57	d	Chloroethane	75-00-3	ug/L	9/4/2012	ND	
MW-58	d	Chloroethane	75-00-3	ug/L	9/4/2012	ND	
MW-14R	d	Chloroethane	75-00-3	ug/L	12/19/2012	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	12/19/2012	ND	
MW-28	d	Chloroethane	75-00-3	ug/L	12/19/2012	ND	
MW-29	d	Chloroethane	75-00-3	ug/L	12/19/2012	ND	
MW-30R	d	Chloroethane	75-00-3	ug/L	12/19/2012	ND	
MW-31R	d	Chloroethane	75-00-3	ug/L	12/19/2012	ND	
MW-32R	d	Chloroethane	75-00-3	ug/L	12/19/2012	ND	
MW-33R	d	Chloroethane	75-00-3	ug/L	12/19/2012	ND	
MW-33R	d	Chloroethane	75-00-3	ug/L	12/19/2012	ND	
MW-39	d	Chloroethane	75-00-3	ug/L	12/19/2012	ND	
MW-55	d	Chloroethane	75-00-3	ug/L	12/19/2012	ND	
MW-56	d	Chloroethane	75-00-3	ug/L	12/19/2012	ND	
MW-14R	d	Chloroethane	75-00-3	ug/L	3/11/2013	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	3/11/2013	ND	
MW-28	d	Chloroethane	75-00-3	ug/L	3/11/2013	ND	
MW-39	d	Chloroethane	75-00-3	ug/L	3/11/2013	ND	
MW-50	d	Chloroethane	75-00-3	ug/L	3/11/2013	ND	
MW-50	d	Chloroethane	75-00-3	ug/L	3/11/2013	ND	
MW-51	d	Chloroethane	75-00-3	ug/L	3/11/2013	ND	
MW-52	d	Chloroethane	75-00-3	ug/L	3/11/2013	ND	
MW-53	d	Chloroethane	75-00-3	ug/L	3/11/2013	ND	
MW-54	d	Chloroethane	75-00-3	ug/L	3/11/2013	ND	
MW-55	d	Chloroethane	75-00-3	ug/L	3/11/2013	ND	
MW-56	d	Chloroethane	75-00-3	ug/L	3/11/2013	ND	
MW-20	d	Chloroethane	75-00-3	ug/L	6/10/2013	ND	
MW-20	d	Chloroethane	75-00-3	ug/L	6/10/2013	ND	
MW-21	d	Chloroethane	75-00-3	ug/L	6/10/2013	ND	
MW-22R	d	Chloroethane	75-00-3	ug/L	6/10/2013	ND	
MW-29	d	Chloroethane	75-00-3	ug/L	6/10/2013	ND	
MW-30R	d	Chloroethane	75-00-3	ug/L	6/10/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	Chloroethane	75-00-3	ug/L	6/10/2013	ND	
MW-32R	d	Chloroethane	75-00-3	ug/L	6/10/2013	ND	
MW-33R	d	Chloroethane	75-00-3	ug/L	6/10/2013	ND	
MW-57	d	Chloroethane	75-00-3	ug/L	6/10/2013	ND	
MW-58	d	Chloroethane	75-00-3	ug/L	6/10/2013	ND	
GU-3A	d	Chloroethane	75-00-3	ug/L	9/10/2013	ND	
MW-31R	d	Chloroethane	75-00-3	ug/L	9/10/2013	ND	
MW-31R	d	Chloroethane	75-00-3	ug/L	9/10/2013	ND	
MW-32R	d	Chloroethane	75-00-3	ug/L	9/10/2013	ND	
MW-33R	d	Chloroethane	75-00-3	ug/L	9/10/2013	ND	
MW-50	d	Chloroethane	75-00-3	ug/L	9/10/2013	ND	
MW-51	d	Chloroethane	75-00-3	ug/L	9/10/2013	ND	
MW-52	d	Chloroethane	75-00-3	ug/L	9/10/2013	ND	
MW-53	d	Chloroethane	75-00-3	ug/L	9/10/2013	ND	
MW-54	d	Chloroethane	75-00-3	ug/L	9/10/2013	ND	
MW-14R	d	Chloroethane	75-00-3	ug/L	12/18/2013	ND	
MW-18	d	Chloroethane	75-00-3	ug/L	12/18/2013	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	12/18/2013	ND	
MW-20	d	Chloroethane	75-00-3	ug/L	12/18/2013	ND	
MW-21	d	Chloroethane	75-00-3	ug/L	12/18/2013	J	3.73
MW-22R	d	Chloroethane	75-00-3	ug/L	12/18/2013	ND	
MW-28	d	Chloroethane	75-00-3	ug/L	12/18/2013	ND	
MW-30R	d	Chloroethane	75-00-3	ug/L	12/18/2013	ND	
MW-39	d	Chloroethane	75-00-3	ug/L	12/18/2013	ND	
MW-39	d	Chloroethane	75-00-3	ug/L	12/18/2013	ND	
MW-55	d	Chloroethane	75-00-3	ug/L	12/18/2013	ND	
MW-18	d	Chloroethane	75-00-3	ug/L	3/20/2014	ND	
MW-20	d	Chloroethane	75-00-3	ug/L	3/20/2014	ND	
MW-21	d	Chloroethane	75-00-3	ug/L	3/20/2014		4.43
MW-21	d	Chloroethane	75-00-3	ug/L	3/20/2014		5.18
MW-22R	d	Chloroethane	75-00-3	ug/L	3/20/2014	ND	
MW-30R	d	Chloroethane	75-00-3	ug/L	3/20/2014	J	0.484
MW-31R	d	Chloroethane	75-00-3	ug/L	3/20/2014	ND	
MW-32R	d	Chloroethane	75-00-3	ug/L	3/20/2014	ND	
MW-33R	d	Chloroethane	75-00-3	ug/L	3/20/2014	ND	
MW-14R	d	Chloroethane	75-00-3	ug/L	6/24/2014	ND	
MW-14R	d	Chloroethane	75-00-3	ug/L	6/24/2014	ND	
MW-18	d	Chloroethane	75-00-3	ug/L	6/24/2014	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	6/24/2014	ND	
MW-28	d	Chloroethane	75-00-3	ug/L	6/24/2014	ND	
MW-39	d	Chloroethane	75-00-3	ug/L	6/24/2014	ND	
MW-50	d	Chloroethane	75-00-3	ug/L	6/24/2014	ND	
MW-51	d	Chloroethane	75-00-3	ug/L	6/24/2014	ND	
MW-52	d	Chloroethane	75-00-3	ug/L	6/24/2014	ND	
MW-53	d	Chloroethane	75-00-3	ug/L	6/24/2014	J	0.274
MW-54	d	Chloroethane	75-00-3	ug/L	6/24/2014	ND	
MW-55	d	Chloroethane	75-00-3	ug/L	6/24/2014	ND	
MW-58	d	Chloroethane	75-00-3	ug/L	6/24/2014	J	3.36
MW-29	d	Chloroethane	75-00-3	ug/L	7/24/2014	J	1.21
MW-56	d	Chloroethane	75-00-3	ug/L	7/24/2014	J	0.426
MW-57	d	Chloroethane	75-00-3	ug/L	7/24/2014	J	0.694
GU-3A	d	Chloroethane	75-00-3	ug/L	9/24/2014	ND	
MW-18	d	Chloroethane	75-00-3	ug/L	9/24/2014	ND	
MW-29	d	Chloroethane	75-00-3	ug/L	9/24/2014	J	1.79
MW-30R	d	Chloroethane	75-00-3	ug/L	9/24/2014	ND	
MW-31R	d	Chloroethane	75-00-3	ug/L	9/24/2014	ND	
MW-31R	d	Chloroethane	75-00-3	ug/L	9/24/2014	ND	
MW-32R	d	Chloroethane	75-00-3	ug/L	9/24/2014	ND	
MW-33R	d	Chloroethane	75-00-3	ug/L	9/24/2014	ND	
MW-50	d	Chloroethane	75-00-3	ug/L	9/24/2014	ND	
MW-51	d	Chloroethane	75-00-3	ug/L	9/24/2014	ND	
MW-52	d	Chloroethane	75-00-3	ug/L	9/24/2014	ND	
MW-53	d	Chloroethane	75-00-3	ug/L	9/24/2014	ND	
MW-54	d	Chloroethane	75-00-3	ug/L	9/24/2014	ND	
MW-14R	d	Chloroethane	75-00-3	ug/L	12/4/2014	ND	
MW-18	d	Chloroethane	75-00-3	ug/L	12/4/2014	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	12/4/2014	ND	
MW-20	d	Chloroethane	75-00-3	ug/L	12/4/2014	ND	
MW-21	d	Chloroethane	75-00-3	ug/L	12/4/2014	J	3.14
MW-22R	d	Chloroethane	75-00-3	ug/L	12/4/2014	ND	
MW-28	d	Chloroethane	75-00-3	ug/L	12/4/2014	ND	
MW-39	d	Chloroethane	75-00-3	ug/L	12/4/2014	ND	
MW-56	d	Chloroethane	75-00-3	ug/L	12/4/2014	ND	
MW-57	d	Chloroethane	75-00-3	ug/L	12/4/2014	ND	
MW-57	d	Chloroethane	75-00-3	ug/L	12/4/2014	J	1.17
MW-58	d	Chloroethane	75-00-3	ug/L	12/4/2014	J	3.17
MW-14R	d	Chloroethane	75-00-3	ug/L	3/11/2015	ND	
MW-18	d	Chloroethane	75-00-3	ug/L	3/11/2015	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	3/11/2015	ND	
MW-20	d	Chloroethane	75-00-3	ug/L	3/11/2015	ND	
MW-21	d	Chloroethane	75-00-3	ug/L	3/11/2015	J	3.6
MW-22R	d	Chloroethane	75-00-3	ug/L	3/11/2015	ND	
MW-28	d	Chloroethane	75-00-3	ug/L	3/11/2015	ND	
MW-39	d	Chloroethane	75-00-3	ug/L	3/11/2015	ND	
MW-55	d	Chloroethane	75-00-3	ug/L	3/11/2015	ND	
MW-56	d	Chloroethane	75-00-3	ug/L	3/11/2015	J	0.733
MW-57	d	Chloroethane	75-00-3	ug/L	3/11/2015	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	Chloroethane	75-00-3	ug/L	3/11/2015	J	3.08
MW-58	d	Chloroethane	75-00-3	ug/L	3/11/2015	J	3.71
MW-29	d	Chloroethane	75-00-3	ug/L	6/29/2015	J	3.56
MW-30R	d	Chloroethane	75-00-3	ug/L	6/29/2015	ND	
MW-31R	d	Chloroethane	75-00-3	ug/L	6/29/2015	ND	
MW-31R	d	Chloroethane	75-00-3	ug/L	6/29/2015	ND	
MW-32R	d	Chloroethane	75-00-3	ug/L	6/29/2015	ND	
MW-33R	d	Chloroethane	75-00-3	ug/L	6/29/2015	ND	
MW-50	d	Chloroethane	75-00-3	ug/L	6/29/2015	ND	
MW-51	d	Chloroethane	75-00-3	ug/L	6/29/2015	J	0.383
MW-52	d	Chloroethane	75-00-3	ug/L	6/29/2015	ND	
MW-53	d	Chloroethane	75-00-3	ug/L	6/29/2015	ND	
MW-54	d	Chloroethane	75-00-3	ug/L	6/29/2015	ND	
GU-3A	d	Chloroethane	75-00-3	ug/L	9/22/2015	ND	
MW-14R	d	Chloroethane	75-00-3	ug/L	2/15/2016	ND	
MW-14R	d	Chloroethane	75-00-3	ug/L	2/15/2016	ND	
MW-18	d	Chloroethane	75-00-3	ug/L	2/15/2016	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	2/15/2016	ND	
MW-39	d	Chloroethane	75-00-3	ug/L	2/15/2016	ND	
MW-20	d	Chloroethane	75-00-3	ug/L	2/16/2016	ND	
MW-21	d	Chloroethane	75-00-3	ug/L	2/16/2016	J	3.47
MW-55	d	Chloroethane	75-00-3	ug/L	2/16/2016	ND	
MW-56	d	Chloroethane	75-00-3	ug/L	2/16/2016	ND	
MW-57	d	Chloroethane	75-00-3	ug/L	2/16/2016	ND	
MW-58	d	Chloroethane	75-00-3	ug/L	2/16/2016	J	2.36
MW-22R	d	Chloroethane	75-00-3	ug/L	2/17/2016	ND	
MW-28	d	Chloroethane	75-00-3	ug/L	8/25/2016	ND	
MW-29	d	Chloroethane	75-00-3	ug/L	8/25/2016	J	1.06
MW-30R	d	Chloroethane	75-00-3	ug/L	8/25/2016	ND	
MW-31R	d	Chloroethane	75-00-3	ug/L	8/25/2016	ND	
MW-32R	d	Chloroethane	75-00-3	ug/L	8/25/2016	ND	
MW-33R	d	Chloroethane	75-00-3	ug/L	8/25/2016	ND	
MW-50	d	Chloroethane	75-00-3	ug/L	8/25/2016	ND	
MW-51	d	Chloroethane	75-00-3	ug/L	8/25/2016	ND	
MW-52	d	Chloroethane	75-00-3	ug/L	8/25/2016	ND	
MW-53	d	Chloroethane	75-00-3	ug/L	8/25/2016	ND	
MW-54	d	Chloroethane	75-00-3	ug/L	8/25/2016	ND	
GU-3A	d	Chloroethane	75-00-3	ug/L	8/26/2016	ND	
MW-18	d	Chloroethane	75-00-3	ug/L	1/17/2017	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	1/17/2017	ND	
MW-22R	d	Chloroethane	75-00-3	ug/L	1/17/2017	ND	
MW-28	d	Chloroethane	75-00-3	ug/L	1/17/2017	ND	
MW-28	d	Chloroethane	75-00-3	ug/L	1/17/2017	ND	
MW-39	d	Chloroethane	75-00-3	ug/L	1/17/2017	ND	
MW-50	d	Chloroethane	75-00-3	ug/L	1/17/2017	ND	
MW-51	d	Chloroethane	75-00-3	ug/L	1/17/2017	ND	
MW-53	d	Chloroethane	75-00-3	ug/L	1/17/2017	ND	
MW-54	d	Chloroethane	75-00-3	ug/L	1/17/2017	ND	
MW-56	d	Chloroethane	75-00-3	ug/L	1/17/2017	ND	
GU-3A	d	Chloroethane	75-00-3	ug/L	7/10/2017	ND	
MW-14R	d	Chloroethane	75-00-3	ug/L	7/10/2017	ND	
MW-20	d	Chloroethane	75-00-3	ug/L	7/10/2017	ND	
MW-21	d	Chloroethane	75-00-3	ug/L	7/10/2017	J	3.35
MW-29	d	Chloroethane	75-00-3	ug/L	7/10/2017	ND	
MW-30R	d	Chloroethane	75-00-3	ug/L	7/10/2017	J	0.298
MW-31R	d	Chloroethane	75-00-3	ug/L	7/10/2017	ND	
MW-32R	d	Chloroethane	75-00-3	ug/L	7/10/2017	ND	
MW-32R	d	Chloroethane	75-00-3	ug/L	7/10/2017	ND	
MW-33R	d	Chloroethane	75-00-3	ug/L	7/10/2017	ND	
MW-57	d	Chloroethane	75-00-3	ug/L	7/10/2017	ND	
MW-58	d	Chloroethane	75-00-3	ug/L	7/10/2017	J	3.55
MW-52	d	Chloroethane	75-00-3	ug/L	10/17/2017	ND	
MW-55	d	Chloroethane	75-00-3	ug/L	10/17/2017	ND	
GU-3A	d	Chloroethane	75-00-3	ug/L	4/3/2018	ND	
GU-3A	d	Chloroethane	75-00-3	ug/L	4/3/2018	ND	
MW-14R	d	Chloroethane	75-00-3	ug/L	4/3/2018	ND	
MW-20	d	Chloroethane	75-00-3	ug/L	4/3/2018	ND	
MW-21	d	Chloroethane	75-00-3	ug/L	4/3/2018	J	3.15
MW-29	d	Chloroethane	75-00-3	ug/L	4/3/2018	J	2.03
MW-30R	d	Chloroethane	75-00-3	ug/L	4/3/2018	ND	
MW-31R	d	Chloroethane	75-00-3	ug/L	4/3/2018	ND	
MW-32R	d	Chloroethane	75-00-3	ug/L	4/3/2018	ND	
MW-33R	d	Chloroethane	75-00-3	ug/L	4/3/2018	ND	
MW-33R	d	Chloroethane	75-00-3	ug/L	4/3/2018	ND	
MW-57	d	Chloroethane	75-00-3	ug/L	4/3/2018	ND	
MW-58	d	Chloroethane	75-00-3	ug/L	4/3/2018	J	3.38
MW-39	d	Chloroethane	75-00-3	ug/L	11/1/2018	ND	
MW-50	d	Chloroethane	75-00-3	ug/L	11/1/2018	ND	
MW-51	d	Chloroethane	75-00-3	ug/L	11/1/2018	ND	
MW-52	d	Chloroethane	75-00-3	ug/L	11/1/2018	ND	
MW-53	d	Chloroethane	75-00-3	ug/L	11/1/2018	ND	
MW-54	d	Chloroethane	75-00-3	ug/L	11/1/2018	ND	
MW-55	d	Chloroethane	75-00-3	ug/L	11/1/2018	ND	
MW-18	d	Chloroethane	75-00-3	ug/L	11/2/2018	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	11/2/2018	ND	
MW-22R	d	Chloroethane	75-00-3	ug/L	11/2/2018	ND	
MW-28	d	Chloroethane	75-00-3	ug/L	11/2/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	Chloroethane	75-00-3	ug/L	11/2/2018	NDH	
MW-18	d	Chloroethane	75-00-3	ug/L	5/16/2019	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	5/16/2019	ND	
MW-23	u	Chloroethane	75-00-3	ug/L	5/16/2019	ND	
MW-24R	u	Chloroethane	75-00-3	ug/L	5/16/2019	ND	
MW-28	d	Chloroethane	75-00-3	ug/L	5/16/2019	ND	
MW-55	d	Chloroethane	75-00-3	ug/L	5/16/2019	ND	
MW-50	d	Chloroethane	75-00-3	ug/L	5/20/2019	ND	
MW-51	d	Chloroethane	75-00-3	ug/L	5/20/2019	ND	
MW-52	d	Chloroethane	75-00-3	ug/L	5/20/2019	ND	
MW-54	d	Chloroethane	75-00-3	ug/L	5/20/2019	ND	
MW-56	d	Chloroethane	75-00-3	ug/L	5/20/2019	ND	
MW-53	d	Chloroethane	75-00-3	ug/L	5/21/2019	ND	
MW-14R	d	Chloroethane	75-00-3	ug/L	9/11/2019	ND	
MW-29	d	Chloroethane	75-00-3	ug/L	9/11/2019	J	0.927
MW-30R	d	Chloroethane	75-00-3	ug/L	9/11/2019	ND	
MW-33R	d	Chloroethane	75-00-3	ug/L	9/11/2019	ND	
MW-58	d	Chloroethane	75-00-3	ug/L	9/11/2019		29.6
GU-3A	d	Chloroethane	75-00-3	ug/L	3/16/2020	ND	
MW-33R	d	Chloroethane	75-00-3	ug/L	3/16/2020	ND	
MW-14R	d	Chloroethane	75-00-3	ug/L	3/17/2020	ND	
MW-29	d	Chloroethane	75-00-3	ug/L	3/17/2020	ND	
MW-30R	d	Chloroethane	75-00-3	ug/L	3/17/2020	ND	
MW-58	d	Chloroethane	75-00-3	ug/L	3/17/2020		23.4
MW-19	d	Chloroethane	75-00-3	ug/L	7/20/2020	ND	
MW-28	d	Chloroethane	75-00-3	ug/L	7/20/2020	ND	
MW-51	d	Chloroethane	75-00-3	ug/L	7/20/2020	ND	
MW-55	d	Chloroethane	75-00-3	ug/L	7/20/2020	ND	
MW-56	d	Chloroethane	75-00-3	ug/L	7/20/2020	ND	
MW-57R	d	Chloroethane	75-00-3	ug/L	7/20/2020	ND	
MW-73	d	Chloroethane	75-00-3	ug/L	7/20/2020	ND	
MW-18	d	Chloroethane	75-00-3	ug/L	7/21/2020	ND	
MW-50	d	Chloroethane	75-00-3	ug/L	7/21/2020	ND	
MW-52	d	Chloroethane	75-00-3	ug/L	7/21/2020	ND	
MW-53	d	Chloroethane	75-00-3	ug/L	7/21/2020	ND	
MW-54	d	Chloroethane	75-00-3	ug/L	7/21/2020	ND	
MW-23	u	Chloroethane	75-00-3	ug/L	7/22/2020	ND	
MW-24R	u	Chloroethane	75-00-3	ug/L	7/22/2020	ND	
MW-55	d	Chloroethane	75-00-3	ug/L	11/12/2020	ND	
MW-33R	d	Chloroethane	75-00-3	ug/L	8/24/2021		<4.00
MW-14R	d	Chloroethane	75-00-3	ug/L	8/24/2021		<4.00
MW-29	d	Chloroethane	75-00-3	ug/L	8/25/2021		<4.00
MW-58	d	Chloroethane	75-00-3	ug/L	8/25/2021	J	3.52
MW-30R	d	Chloroethane	75-00-3	ug/L	8/25/2021		<4.00
MW-68	d	Chloroethane	75-00-3	ug/L	8/25/2021		<4.00
MW-69	d	Chloroethane	75-00-3	ug/L	8/25/2021		<4.00
MW-70	d	Chloroethane	75-00-3	ug/L	8/26/2021		<4.00
MW-57R	d	Chloroethane	75-00-3	ug/L	8/26/2021		<4.00
PZ-13	d	Chloroethane	75-00-3	ug/L	8/27/2021		<4.00
MW-73	d	Chloroethane	75-00-3	ug/L	8/27/2021		<4.00
GU-3A	d	Chloroethane	75-00-3	ug/L	9/8/2021		<4.00
MW-24R	u	Chloroethane	75-00-3	ug/L	12/7/2021		<4.00
MW-28	d	Chloroethane	75-00-3	ug/L	12/7/2021		<4.00
MW-57R	d	Chloroethane	75-00-3	ug/L	12/7/2021		<4.00
MW-73	d	Chloroethane	75-00-3	ug/L	12/7/2021		<4.00
MW-56	d	Chloroethane	75-00-3	ug/L	12/7/2021	J	0.898
MW-19	d	Chloroethane	75-00-3	ug/L	12/7/2021		<4.00
MW-18	d	Chloroethane	75-00-3	ug/L	12/7/2021		<4.00
MW-55	d	Chloroethane	75-00-3	ug/L	12/7/2021		<4.00
MW-50	d	Chloroethane	75-00-3	ug/L	12/7/2021		<4.00
MW-23	u	Chloroethane	75-00-3	ug/L	12/8/2021		<4.00
MW-39	d	Chloroethane	75-00-3	ug/L	12/8/2021		<4.00
MW-51	d	Chloroethane	75-00-3	ug/L	12/8/2021		<4.00
MW-52	d	Chloroethane	75-00-3	ug/L	12/8/2021		<4.00
MW-53	d	Chloroethane	75-00-3	ug/L	12/8/2021		<4.00
MW-54	d	Chloroethane	75-00-3	ug/L	12/8/2021		<4.00
MW-51	d	Chloroform	67-66-3	ug/L	1/15/2010	ND	
MW-24R	u	Chloroform	67-66-3	ug/L	2/11/2010	ND	
MW-53	d	Chloroform	67-66-3	ug/L	2/11/2010	ND	
GU-3A	d	Chloroform	67-66-3	ug/L	3/24/2010	ND	
MW-20	d	Chloroform	67-66-3	ug/L	3/24/2010	ND	
MW-21	d	Chloroform	67-66-3	ug/L	3/24/2010	ND	
MW-22R	d	Chloroform	67-66-3	ug/L	3/24/2010	ND	
MW-52	d	Chloroform	67-66-3	ug/L	3/24/2010	ND	
MW-54	d	Chloroform	67-66-3	ug/L	3/24/2010	ND	
MW-55	d	Chloroform	67-66-3	ug/L	3/24/2010	ND	
MW-28	d	Chloroform	67-66-3	ug/L	4/9/2010	ND	
MW-33R	d	Chloroform	67-66-3	ug/L	4/9/2010	ND	
MW-50	d	Chloroform	67-66-3	ug/L	4/9/2010	ND	
MW-56	d	Chloroform	67-66-3	ug/L	4/9/2010	ND	
MW-57	d	Chloroform	67-66-3	ug/L	4/9/2010	ND	
MW-58	d	Chloroform	67-66-3	ug/L	4/9/2010	ND	
MW-32R	d	Chloroform	67-66-3	ug/L	5/18/2010	ND	
MW-14R	d	Chloroform	67-66-3	ug/L	6/17/2010	ND	
MW-19	d	Chloroform	67-66-3	ug/L	6/17/2010	ND	
MW-29	d	Chloroform	67-66-3	ug/L	6/17/2010	ND	
MW-30R	d	Chloroform	67-66-3	ug/L	6/17/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	Chloroform	67-66-3	ug/L	6/17/2010	ND	
MW-51	d	Chloroform	67-66-3	ug/L	6/17/2010	ND	
MW-21	d	Chloroform	67-66-3	ug/L	7/21/2010	ND	
MW-54	d	Chloroform	67-66-3	ug/L	7/21/2010	ND	
MW-20	d	Chloroform	67-66-3	ug/L	8/17/2010	ND	
MW-29	d	Chloroform	67-66-3	ug/L	8/17/2010	ND	
MW-39	d	Chloroform	67-66-3	ug/L	8/17/2010	ND	
MW-51	d	Chloroform	67-66-3	ug/L	8/17/2010	ND	
GU-3A	d	Chloroform	67-66-3	ug/L	9/17/2010	ND	
MW-22R	d	Chloroform	67-66-3	ug/L	9/17/2010	ND	
MW-55	d	Chloroform	67-66-3	ug/L	9/17/2010	ND	
MW-19	d	Chloroform	67-66-3	ug/L	10/22/2010	ND	
MW-24R	u	Chloroform	67-66-3	ug/L	10/22/2010	ND	
MW-30R	d	Chloroform	67-66-3	ug/L	10/22/2010	ND	
MW-31R	d	Chloroform	67-66-3	ug/L	10/22/2010	ND	
MW-50	d	Chloroform	67-66-3	ug/L	10/22/2010	ND	
MW-53	d	Chloroform	67-66-3	ug/L	10/22/2010	ND	
MW-56	d	Chloroform	67-66-3	ug/L	10/22/2010	ND	
MW-58	d	Chloroform	67-66-3	ug/L	10/22/2010	ND	
MW-14R	d	Chloroform	67-66-3	ug/L	11/8/2010	ND	
MW-32R	d	Chloroform	67-66-3	ug/L	11/8/2010	ND	
MW-57	d	Chloroform	67-66-3	ug/L	11/8/2010	ND	
MW-28	d	Chloroform	67-66-3	ug/L	12/15/2010	ND	
MW-33R	d	Chloroform	67-66-3	ug/L	12/15/2010	ND	
MW-52	d	Chloroform	67-66-3	ug/L	12/15/2010	ND	
MW-54	d	Chloroform	67-66-3	ug/L	1/12/2011	ND	
MW-54	d	Chloroform	67-66-3	ug/L	1/12/2011	ND	
MW-20	d	Chloroform	67-66-3	ug/L	2/22/2011	ND	
MW-22R	d	Chloroform	67-66-3	ug/L	2/22/2011	ND	
MW-51	d	Chloroform	67-66-3	ug/L	2/22/2011	ND	
MW-52	d	Chloroform	67-66-3	ug/L	2/22/2011	ND	
MW-53	d	Chloroform	67-66-3	ug/L	2/22/2011	ND	
MW-55	d	Chloroform	67-66-3	ug/L	2/22/2011	ND	
GU-3A	d	Chloroform	67-66-3	ug/L	3/2/2011	ND	
MW-21	d	Chloroform	67-66-3	ug/L	3/2/2011	ND	
MW-21	d	Chloroform	67-66-3	ug/L	3/2/2011	ND	
MW-29	d	Chloroform	67-66-3	ug/L	4/21/2011	ND	
MW-30R	d	Chloroform	67-66-3	ug/L	4/21/2011	ND	
MW-31R	d	Chloroform	67-66-3	ug/L	4/21/2011	ND	
MW-31R	d	Chloroform	67-66-3	ug/L	4/21/2011	ND	
MW-32R	d	Chloroform	67-66-3	ug/L	4/21/2011	ND	
MW-54	d	Chloroform	67-66-3	ug/L	5/31/2011	ND	
MW-56	d	Chloroform	67-66-3	ug/L	5/31/2011	ND	
MW-57	d	Chloroform	67-66-3	ug/L	5/31/2011	ND	
MW-58	d	Chloroform	67-66-3	ug/L	5/31/2011	ND	
MW-14R	d	Chloroform	67-66-3	ug/L	6/7/2011	ND	
MW-14R	d	Chloroform	67-66-3	ug/L	6/7/2011	ND	
MW-19	d	Chloroform	67-66-3	ug/L	6/7/2011	ND	
MW-28	d	Chloroform	67-66-3	ug/L	6/7/2011	ND	
MW-33R	d	Chloroform	67-66-3	ug/L	6/7/2011	ND	
MW-39	d	Chloroform	67-66-3	ug/L	6/7/2011	ND	
MW-50	d	Chloroform	67-66-3	ug/L	6/7/2011	ND	
MW-52	d	Chloroform	67-66-3	ug/L	7/22/2011	ND	
MW-56	d	Chloroform	67-66-3	ug/L	7/22/2011	ND	
MW-58	d	Chloroform	67-66-3	ug/L	7/22/2011	ND	
MW-14R	d	Chloroform	67-66-3	ug/L	8/29/2011	ND	
MW-19	d	Chloroform	67-66-3	ug/L	8/29/2011	ND	
MW-19	d	Chloroform	67-66-3	ug/L	8/29/2011	ND	
MW-32R	d	Chloroform	67-66-3	ug/L	8/29/2011	ND	
GU-3A	d	Chloroform	67-66-3	ug/L	9/9/2011	ND	
MW-22R	d	Chloroform	67-66-3	ug/L	9/9/2011	ND	
MW-28	d	Chloroform	67-66-3	ug/L	9/9/2011	ND	
MW-29	d	Chloroform	67-66-3	ug/L	9/9/2011	ND	
MW-51	d	Chloroform	67-66-3	ug/L	9/9/2011	ND	
MW-53	d	Chloroform	67-66-3	ug/L	9/9/2011	ND	
MW-53	d	Chloroform	67-66-3	ug/L	9/9/2011	ND	
MW-21	d	Chloroform	67-66-3	ug/L	10/4/2011	ND	
MW-50	d	Chloroform	67-66-3	ug/L	10/4/2011	ND	
MW-50	d	Chloroform	67-66-3	ug/L	10/4/2011	ND	
MW-54	d	Chloroform	67-66-3	ug/L	10/4/2011	ND	
MW-57	d	Chloroform	67-66-3	ug/L	10/4/2011	ND	
MW-20	d	Chloroform	67-66-3	ug/L	11/29/2011	ND	
MW-30R	d	Chloroform	67-66-3	ug/L	11/29/2011	ND	
MW-52	d	Chloroform	67-66-3	ug/L	11/29/2011	ND	
MW-55	d	Chloroform	67-66-3	ug/L	11/29/2011	ND	
MW-31R	d	Chloroform	67-66-3	ug/L	12/16/2011	ND	
MW-33R	d	Chloroform	67-66-3	ug/L	12/16/2011	ND	
MW-39	d	Chloroform	67-66-3	ug/L	12/16/2011	ND	
MW-14R	d	Chloroform	67-66-3	ug/L	3/8/2012	ND	
MW-19	d	Chloroform	67-66-3	ug/L	3/8/2012	ND	
MW-20	d	Chloroform	67-66-3	ug/L	3/8/2012	ND	
MW-21	d	Chloroform	67-66-3	ug/L	3/8/2012	ND	
MW-22R	d	Chloroform	67-66-3	ug/L	3/8/2012	ND	
MW-28	d	Chloroform	67-66-3	ug/L	3/8/2012	ND	
MW-39	d	Chloroform	67-66-3	ug/L	3/8/2012	ND	
MW-55	d	Chloroform	67-66-3	ug/L	3/8/2012	ND	
MW-56	d	Chloroform	67-66-3	ug/L	3/8/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57	d	Chloroform	67-66-3	ug/L	3/8/2012	ND	
MW-58	d	Chloroform	67-66-3	ug/L	3/8/2012	ND	
GU-3A	d	Chloroform	67-66-3	ug/L	6/13/2012	ND	
MW-29	d	Chloroform	67-66-3	ug/L	6/13/2012	ND	
MW-30R	d	Chloroform	67-66-3	ug/L	6/13/2012	ND	
MW-31R	d	Chloroform	67-66-3	ug/L	6/13/2012	ND	
MW-32R	d	Chloroform	67-66-3	ug/L	6/13/2012	ND	
MW-33R	d	Chloroform	67-66-3	ug/L	6/13/2012	ND	
MW-50	d	Chloroform	67-66-3	ug/L	6/13/2012	ND	
MW-50	d	Chloroform	67-66-3	ug/L	6/13/2012	ND	
MW-51	d	Chloroform	67-66-3	ug/L	6/13/2012	ND	
MW-52	d	Chloroform	67-66-3	ug/L	6/13/2012	ND	
MW-53	d	Chloroform	67-66-3	ug/L	6/13/2012	ND	
MW-54	d	Chloroform	67-66-3	ug/L	6/13/2012	ND	
GU-3A	d	Chloroform	67-66-3	ug/L	9/4/2012	ND	
MW-20	d	Chloroform	67-66-3	ug/L	9/4/2012	ND	
MW-21	d	Chloroform	67-66-3	ug/L	9/4/2012	ND	
MW-22R	d	Chloroform	67-66-3	ug/L	9/4/2012	ND	
MW-50	d	Chloroform	67-66-3	ug/L	9/4/2012	ND	
MW-51	d	Chloroform	67-66-3	ug/L	9/4/2012	ND	
MW-52	d	Chloroform	67-66-3	ug/L	9/4/2012	ND	
MW-53	d	Chloroform	67-66-3	ug/L	9/4/2012	ND	
MW-54	d	Chloroform	67-66-3	ug/L	9/4/2012	ND	
MW-54	d	Chloroform	67-66-3	ug/L	9/4/2012	ND	
MW-57	d	Chloroform	67-66-3	ug/L	9/4/2012	ND	
MW-58	d	Chloroform	67-66-3	ug/L	9/4/2012	ND	
MW-14R	d	Chloroform	67-66-3	ug/L	12/19/2012	ND	
MW-19	d	Chloroform	67-66-3	ug/L	12/19/2012	ND	
MW-28	d	Chloroform	67-66-3	ug/L	12/19/2012	ND	
MW-29	d	Chloroform	67-66-3	ug/L	12/19/2012	ND	
MW-30R	d	Chloroform	67-66-3	ug/L	12/19/2012	ND	
MW-31R	d	Chloroform	67-66-3	ug/L	12/19/2012	ND	
MW-32R	d	Chloroform	67-66-3	ug/L	12/19/2012	ND	
MW-33R	d	Chloroform	67-66-3	ug/L	12/19/2012	ND	
MW-33R	d	Chloroform	67-66-3	ug/L	12/19/2012	ND	
MW-39	d	Chloroform	67-66-3	ug/L	12/19/2012	ND	
MW-55	d	Chloroform	67-66-3	ug/L	12/19/2012	ND	
MW-56	d	Chloroform	67-66-3	ug/L	12/19/2012	ND	
MW-14R	d	Chloroform	67-66-3	ug/L	3/11/2013	ND	
MW-19	d	Chloroform	67-66-3	ug/L	3/11/2013	ND	
MW-28	d	Chloroform	67-66-3	ug/L	3/11/2013	ND	
MW-39	d	Chloroform	67-66-3	ug/L	3/11/2013	ND	
MW-50	d	Chloroform	67-66-3	ug/L	3/11/2013	ND	
MW-50	d	Chloroform	67-66-3	ug/L	3/11/2013	ND	
MW-51	d	Chloroform	67-66-3	ug/L	3/11/2013	ND	
MW-52	d	Chloroform	67-66-3	ug/L	3/11/2013	ND	
MW-53	d	Chloroform	67-66-3	ug/L	3/11/2013	ND	
MW-54	d	Chloroform	67-66-3	ug/L	3/11/2013	ND	
MW-55	d	Chloroform	67-66-3	ug/L	3/11/2013	ND	
MW-56	d	Chloroform	67-66-3	ug/L	3/11/2013	ND	
MW-20	d	Chloroform	67-66-3	ug/L	6/10/2013	ND	
MW-20	d	Chloroform	67-66-3	ug/L	6/10/2013	ND	
MW-21	d	Chloroform	67-66-3	ug/L	6/10/2013	ND	
MW-22R	d	Chloroform	67-66-3	ug/L	6/10/2013	ND	
MW-29	d	Chloroform	67-66-3	ug/L	6/10/2013	ND	
MW-30R	d	Chloroform	67-66-3	ug/L	6/10/2013	ND	
MW-31R	d	Chloroform	67-66-3	ug/L	6/10/2013	ND	
MW-32R	d	Chloroform	67-66-3	ug/L	6/10/2013	ND	
MW-33R	d	Chloroform	67-66-3	ug/L	6/10/2013	ND	
MW-57	d	Chloroform	67-66-3	ug/L	6/10/2013	ND	
MW-58	d	Chloroform	67-66-3	ug/L	6/10/2013	ND	
GU-3A	d	Chloroform	67-66-3	ug/L	9/10/2013	ND	
MW-31R	d	Chloroform	67-66-3	ug/L	9/10/2013	ND	
MW-31R	d	Chloroform	67-66-3	ug/L	9/10/2013	ND	
MW-32R	d	Chloroform	67-66-3	ug/L	9/10/2013	ND	
MW-33R	d	Chloroform	67-66-3	ug/L	9/10/2013	ND	
MW-50	d	Chloroform	67-66-3	ug/L	9/10/2013	ND	
MW-51	d	Chloroform	67-66-3	ug/L	9/10/2013	ND	
MW-52	d	Chloroform	67-66-3	ug/L	9/10/2013	ND	
MW-53	d	Chloroform	67-66-3	ug/L	9/10/2013	ND	
MW-54	d	Chloroform	67-66-3	ug/L	9/10/2013	ND	
MW-14R	d	Chloroform	67-66-3	ug/L	12/18/2013	ND	
MW-18	d	Chloroform	67-66-3	ug/L	12/18/2013	ND	
MW-19	d	Chloroform	67-66-3	ug/L	12/18/2013	ND	
MW-20	d	Chloroform	67-66-3	ug/L	12/18/2013	ND	
MW-21	d	Chloroform	67-66-3	ug/L	12/18/2013	ND	
MW-22R	d	Chloroform	67-66-3	ug/L	12/18/2013	ND	
MW-28	d	Chloroform	67-66-3	ug/L	12/18/2013	ND	
MW-30R	d	Chloroform	67-66-3	ug/L	12/18/2013	ND	
MW-39	d	Chloroform	67-66-3	ug/L	12/18/2013	ND	
MW-39	d	Chloroform	67-66-3	ug/L	12/18/2013	ND	
MW-55	d	Chloroform	67-66-3	ug/L	12/18/2013	ND	
MW-18	d	Chloroform	67-66-3	ug/L	3/20/2014	ND	
MW-20	d	Chloroform	67-66-3	ug/L	3/20/2014	ND	
MW-21	d	Chloroform	67-66-3	ug/L	3/20/2014	ND	
MW-21	d	Chloroform	67-66-3	ug/L	3/20/2014	ND	
MW-22R	d	Chloroform	67-66-3	ug/L	3/20/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	Chloroform	67-66-3	ug/L	3/20/2014	ND	
MW-31R	d	Chloroform	67-66-3	ug/L	3/20/2014	ND	
MW-32R	d	Chloroform	67-66-3	ug/L	3/20/2014	ND	
MW-33R	d	Chloroform	67-66-3	ug/L	3/20/2014	ND	
MW-14R	d	Chloroform	67-66-3	ug/L	6/24/2014	ND	
MW-14R	d	Chloroform	67-66-3	ug/L	6/24/2014	ND	
MW-18	d	Chloroform	67-66-3	ug/L	6/24/2014	ND	
MW-19	d	Chloroform	67-66-3	ug/L	6/24/2014	ND	
MW-28	d	Chloroform	67-66-3	ug/L	6/24/2014	ND	
MW-39	d	Chloroform	67-66-3	ug/L	6/24/2014	ND	
MW-50	d	Chloroform	67-66-3	ug/L	6/24/2014	ND	
MW-51	d	Chloroform	67-66-3	ug/L	6/24/2014	ND	
MW-52	d	Chloroform	67-66-3	ug/L	6/24/2014	ND	
MW-53	d	Chloroform	67-66-3	ug/L	6/24/2014	ND	
MW-54	d	Chloroform	67-66-3	ug/L	6/24/2014	ND	
MW-55	d	Chloroform	67-66-3	ug/L	6/24/2014	ND	
MW-58	d	Chloroform	67-66-3	ug/L	6/24/2014	ND	
MW-29	d	Chloroform	67-66-3	ug/L	7/24/2014	ND	
MW-56	d	Chloroform	67-66-3	ug/L	7/24/2014	ND	
MW-57	d	Chloroform	67-66-3	ug/L	7/24/2014	ND	
GU-3A	d	Chloroform	67-66-3	ug/L	9/24/2014	ND	
MW-18	d	Chloroform	67-66-3	ug/L	9/24/2014	ND	
MW-29	d	Chloroform	67-66-3	ug/L	9/24/2014	ND	
MW-30R	d	Chloroform	67-66-3	ug/L	9/24/2014	ND	
MW-31R	d	Chloroform	67-66-3	ug/L	9/24/2014	ND	
MW-31R	d	Chloroform	67-66-3	ug/L	9/24/2014	ND	
MW-32R	d	Chloroform	67-66-3	ug/L	9/24/2014	ND	
MW-33R	d	Chloroform	67-66-3	ug/L	9/24/2014	ND	
MW-50	d	Chloroform	67-66-3	ug/L	9/24/2014	ND	
MW-51	d	Chloroform	67-66-3	ug/L	9/24/2014	ND	
MW-52	d	Chloroform	67-66-3	ug/L	9/24/2014	ND	
MW-53	d	Chloroform	67-66-3	ug/L	9/24/2014	ND	
MW-54	d	Chloroform	67-66-3	ug/L	9/24/2014	ND	
MW-14R	d	Chloroform	67-66-3	ug/L	12/4/2014	ND	
MW-18	d	Chloroform	67-66-3	ug/L	12/4/2014	ND	
MW-19	d	Chloroform	67-66-3	ug/L	12/4/2014	ND	
MW-20	d	Chloroform	67-66-3	ug/L	12/4/2014	ND	
MW-21	d	Chloroform	67-66-3	ug/L	12/4/2014	ND	
MW-22R	d	Chloroform	67-66-3	ug/L	12/4/2014	ND	
MW-28	d	Chloroform	67-66-3	ug/L	12/4/2014	ND	
MW-39	d	Chloroform	67-66-3	ug/L	12/4/2014	ND	
MW-56	d	Chloroform	67-66-3	ug/L	12/4/2014	ND	
MW-57	d	Chloroform	67-66-3	ug/L	12/4/2014	ND	
MW-57	d	Chloroform	67-66-3	ug/L	12/4/2014	ND	
MW-58	d	Chloroform	67-66-3	ug/L	12/4/2014	ND	
MW-14R	d	Chloroform	67-66-3	ug/L	3/11/2015	ND	
MW-18	d	Chloroform	67-66-3	ug/L	3/11/2015	ND	
MW-19	d	Chloroform	67-66-3	ug/L	3/11/2015	ND	
MW-20	d	Chloroform	67-66-3	ug/L	3/11/2015	ND	
MW-21	d	Chloroform	67-66-3	ug/L	3/11/2015	ND	
MW-22R	d	Chloroform	67-66-3	ug/L	3/11/2015	ND	
MW-28	d	Chloroform	67-66-3	ug/L	3/11/2015	ND	
MW-39	d	Chloroform	67-66-3	ug/L	3/11/2015	ND	
MW-55	d	Chloroform	67-66-3	ug/L	3/11/2015	ND	
MW-56	d	Chloroform	67-66-3	ug/L	3/11/2015	ND	
MW-57	d	Chloroform	67-66-3	ug/L	3/11/2015	ND	
MW-58	d	Chloroform	67-66-3	ug/L	3/11/2015	ND	
MW-58	d	Chloroform	67-66-3	ug/L	3/11/2015	ND	
MW-29	d	Chloroform	67-66-3	ug/L	6/29/2015	ND	
MW-30R	d	Chloroform	67-66-3	ug/L	6/29/2015	ND	
MW-31R	d	Chloroform	67-66-3	ug/L	6/29/2015	ND	
MW-31R	d	Chloroform	67-66-3	ug/L	6/29/2015	ND	
MW-32R	d	Chloroform	67-66-3	ug/L	6/29/2015	ND	
MW-33R	d	Chloroform	67-66-3	ug/L	6/29/2015	ND	
MW-50	d	Chloroform	67-66-3	ug/L	6/29/2015	ND	
MW-51	d	Chloroform	67-66-3	ug/L	6/29/2015	ND	
MW-52	d	Chloroform	67-66-3	ug/L	6/29/2015	ND	
MW-53	d	Chloroform	67-66-3	ug/L	6/29/2015	ND	
MW-54	d	Chloroform	67-66-3	ug/L	6/29/2015	ND	
GU-3A	d	Chloroform	67-66-3	ug/L	9/22/2015	ND	
MW-14R	d	Chloroform	67-66-3	ug/L	2/15/2016	ND	
MW-14R	d	Chloroform	67-66-3	ug/L	2/15/2016	ND	
MW-18	d	Chloroform	67-66-3	ug/L	2/15/2016	ND	
MW-19	d	Chloroform	67-66-3	ug/L	2/15/2016	ND	
MW-39	d	Chloroform	67-66-3	ug/L	2/15/2016	ND	
MW-20	d	Chloroform	67-66-3	ug/L	2/16/2016	ND	
MW-21	d	Chloroform	67-66-3	ug/L	2/16/2016	ND	
MW-55	d	Chloroform	67-66-3	ug/L	2/16/2016	ND	
MW-56	d	Chloroform	67-66-3	ug/L	2/16/2016	ND	
MW-57	d	Chloroform	67-66-3	ug/L	2/16/2016	ND	
MW-58	d	Chloroform	67-66-3	ug/L	2/16/2016	ND	
MW-22R	d	Chloroform	67-66-3	ug/L	2/17/2016	ND	
MW-28	d	Chloroform	67-66-3	ug/L	8/25/2016	ND	
MW-29	d	Chloroform	67-66-3	ug/L	8/25/2016	ND	
MW-30R	d	Chloroform	67-66-3	ug/L	8/25/2016	ND	
MW-31R	d	Chloroform	67-66-3	ug/L	8/25/2016	ND	
MW-32R	d	Chloroform	67-66-3	ug/L	8/25/2016	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	Chloroform	67-66-3	ug/L	8/25/2016	ND	
MW-50	d	Chloroform	67-66-3	ug/L	8/25/2016	ND	
MW-51	d	Chloroform	67-66-3	ug/L	8/25/2016	ND	
MW-52	d	Chloroform	67-66-3	ug/L	8/25/2016	ND	
MW-53	d	Chloroform	67-66-3	ug/L	8/25/2016	ND	
MW-54	d	Chloroform	67-66-3	ug/L	8/25/2016	ND	
GU-3A	d	Chloroform	67-66-3	ug/L	8/26/2016	ND	
MW-18	d	Chloroform	67-66-3	ug/L	1/17/2017	ND	
MW-19	d	Chloroform	67-66-3	ug/L	1/17/2017	ND	
MW-22R	d	Chloroform	67-66-3	ug/L	1/17/2017	ND	
MW-28	d	Chloroform	67-66-3	ug/L	1/17/2017	ND	
MW-28	d	Chloroform	67-66-3	ug/L	1/17/2017	ND	
MW-39	d	Chloroform	67-66-3	ug/L	1/17/2017	ND	
MW-50	d	Chloroform	67-66-3	ug/L	1/17/2017	ND	
MW-51	d	Chloroform	67-66-3	ug/L	1/17/2017	ND	
MW-53	d	Chloroform	67-66-3	ug/L	1/17/2017	ND	
MW-54	d	Chloroform	67-66-3	ug/L	1/17/2017	ND	
MW-56	d	Chloroform	67-66-3	ug/L	1/17/2017	ND	
GU-3A	d	Chloroform	67-66-3	ug/L	7/10/2017	ND	
MW-14R	d	Chloroform	67-66-3	ug/L	7/10/2017	ND	
MW-20	d	Chloroform	67-66-3	ug/L	7/10/2017	ND	
MW-21	d	Chloroform	67-66-3	ug/L	7/10/2017	ND	
MW-29	d	Chloroform	67-66-3	ug/L	7/10/2017	ND	
MW-30R	d	Chloroform	67-66-3	ug/L	7/10/2017	ND	
MW-31R	d	Chloroform	67-66-3	ug/L	7/10/2017	ND	
MW-32R	d	Chloroform	67-66-3	ug/L	7/10/2017	ND	
MW-32R	d	Chloroform	67-66-3	ug/L	7/10/2017	ND	
MW-33R	d	Chloroform	67-66-3	ug/L	7/10/2017	ND	
MW-57	d	Chloroform	67-66-3	ug/L	7/10/2017	ND	
MW-58	d	Chloroform	67-66-3	ug/L	7/10/2017	ND	
MW-52	d	Chloroform	67-66-3	ug/L	10/17/2017	ND	
MW-55	d	Chloroform	67-66-3	ug/L	10/17/2017	ND	
GU-3A	d	Chloroform	67-66-3	ug/L	4/3/2018	ND	
GU-3A	d	Chloroform	67-66-3	ug/L	4/3/2018	ND	
MW-14R	d	Chloroform	67-66-3	ug/L	4/3/2018	ND	
MW-20	d	Chloroform	67-66-3	ug/L	4/3/2018	ND	
MW-21	d	Chloroform	67-66-3	ug/L	4/3/2018	ND	
MW-29	d	Chloroform	67-66-3	ug/L	4/3/2018	ND	
MW-30R	d	Chloroform	67-66-3	ug/L	4/3/2018	ND	
MW-31R	d	Chloroform	67-66-3	ug/L	4/3/2018	ND	
MW-32R	d	Chloroform	67-66-3	ug/L	4/3/2018	ND	
MW-33R	d	Chloroform	67-66-3	ug/L	4/3/2018	ND	
MW-33R	d	Chloroform	67-66-3	ug/L	4/3/2018	ND	
MW-57	d	Chloroform	67-66-3	ug/L	4/3/2018	ND	
MW-58	d	Chloroform	67-66-3	ug/L	4/3/2018	ND	
MW-39	d	Chloroform	67-66-3	ug/L	11/1/2018	ND	
MW-50	d	Chloroform	67-66-3	ug/L	11/1/2018	ND	
MW-51	d	Chloroform	67-66-3	ug/L	11/1/2018	ND	
MW-52	d	Chloroform	67-66-3	ug/L	11/1/2018	ND	
MW-53	d	Chloroform	67-66-3	ug/L	11/1/2018	ND	
MW-54	d	Chloroform	67-66-3	ug/L	11/1/2018	ND	
MW-55	d	Chloroform	67-66-3	ug/L	11/1/2018	ND	
MW-18	d	Chloroform	67-66-3	ug/L	11/2/2018	ND	
MW-19	d	Chloroform	67-66-3	ug/L	11/2/2018	ND	
MW-22R	d	Chloroform	67-66-3	ug/L	11/2/2018	ND	
MW-28	d	Chloroform	67-66-3	ug/L	11/2/2018	ND	
MW-56	d	Chloroform	67-66-3	ug/L	11/2/2018	NDH	
MW-18	d	Chloroform	67-66-3	ug/L	5/16/2019	ND	
MW-19	d	Chloroform	67-66-3	ug/L	5/16/2019	ND	
MW-23	u	Chloroform	67-66-3	ug/L	5/16/2019	ND	
MW-24R	u	Chloroform	67-66-3	ug/L	5/16/2019	ND	
MW-28	d	Chloroform	67-66-3	ug/L	5/16/2019	ND	
MW-55	d	Chloroform	67-66-3	ug/L	5/16/2019	ND	
MW-50	d	Chloroform	67-66-3	ug/L	5/20/2019	ND	
MW-51	d	Chloroform	67-66-3	ug/L	5/20/2019	ND	
MW-52	d	Chloroform	67-66-3	ug/L	5/20/2019	ND	
MW-54	d	Chloroform	67-66-3	ug/L	5/20/2019	ND	
MW-56	d	Chloroform	67-66-3	ug/L	5/20/2019	ND	
MW-53	d	Chloroform	67-66-3	ug/L	5/21/2019	ND	
MW-14R	d	Chloroform	67-66-3	ug/L	9/11/2019	ND	
MW-29	d	Chloroform	67-66-3	ug/L	9/11/2019	ND	
MW-30R	d	Chloroform	67-66-3	ug/L	9/11/2019	ND	
MW-33R	d	Chloroform	67-66-3	ug/L	9/11/2019	ND	
MW-58	d	Chloroform	67-66-3	ug/L	9/11/2019	ND	
GU-3A	d	Chloroform	67-66-3	ug/L	3/16/2020	ND	
MW-33R	d	Chloroform	67-66-3	ug/L	3/16/2020	ND	
MW-14R	d	Chloroform	67-66-3	ug/L	3/17/2020	ND	
MW-29	d	Chloroform	67-66-3	ug/L	3/17/2020	ND	
MW-30R	d	Chloroform	67-66-3	ug/L	3/17/2020	ND	
MW-58	d	Chloroform	67-66-3	ug/L	3/17/2020	ND	
MW-19	d	Chloroform	67-66-3	ug/L	7/20/2020	ND	
MW-28	d	Chloroform	67-66-3	ug/L	7/20/2020	ND	
MW-51	d	Chloroform	67-66-3	ug/L	7/20/2020	ND	
MW-55	d	Chloroform	67-66-3	ug/L	7/20/2020	ND	
MW-56	d	Chloroform	67-66-3	ug/L	7/20/2020	ND	
MW-57R	d	Chloroform	67-66-3	ug/L	7/20/2020	ND	
MW-73	d	Chloroform	67-66-3	ug/L	7/20/2020	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-18	d	Chloroform	67-66-3	ug/L	7/21/2020	ND	
MW-50	d	Chloroform	67-66-3	ug/L	7/21/2020	ND	
MW-52	d	Chloroform	67-66-3	ug/L	7/21/2020	ND	
MW-53	d	Chloroform	67-66-3	ug/L	7/21/2020	ND	
MW-54	d	Chloroform	67-66-3	ug/L	7/21/2020	ND	
MW-23	u	Chloroform	67-66-3	ug/L	7/22/2020	ND	
MW-24R	u	Chloroform	67-66-3	ug/L	7/22/2020	ND	
MW-55	d	Chloroform	67-66-3	ug/L	11/12/2020	ND	
MW-33R	d	Chloroform	67-66-3	ug/L	8/24/2021		<3.00
MW-14R	d	Chloroform	67-66-3	ug/L	8/24/2021		<3.00
MW-29	d	Chloroform	67-66-3	ug/L	8/25/2021		<3.00
MW-58	d	Chloroform	67-66-3	ug/L	8/25/2021		<3.00
MW-30R	d	Chloroform	67-66-3	ug/L	8/25/2021		<3.00
MW-68	d	Chloroform	67-66-3	ug/L	8/25/2021		<3.00
MW-69	d	Chloroform	67-66-3	ug/L	8/25/2021		<3.00
MW-70	d	Chloroform	67-66-3	ug/L	8/26/2021		<3.00
MW-57R	d	Chloroform	67-66-3	ug/L	8/26/2021		<3.00
PZ-13	d	Chloroform	67-66-3	ug/L	8/27/2021		<3.00
MW-73	d	Chloroform	67-66-3	ug/L	8/27/2021		<3.00
GU-3A	d	Chloroform	67-66-3	ug/L	9/8/2021		<3.00
MW-24R	u	Chloroform	67-66-3	ug/L	12/7/2021		<3.00
MW-28	d	Chloroform	67-66-3	ug/L	12/7/2021		<3.00
MW-57R	d	Chloroform	67-66-3	ug/L	12/7/2021		<3.00
MW-73	d	Chloroform	67-66-3	ug/L	12/7/2021		<3.00
MW-56	d	Chloroform	67-66-3	ug/L	12/7/2021		<3.00
MW-19	d	Chloroform	67-66-3	ug/L	12/7/2021		<3.00
MW-18	d	Chloroform	67-66-3	ug/L	12/7/2021		<3.00
MW-55	d	Chloroform	67-66-3	ug/L	12/7/2021		<3.00
MW-50	d	Chloroform	67-66-3	ug/L	12/7/2021		<3.00
MW-23	u	Chloroform	67-66-3	ug/L	12/8/2021		<3.00
MW-39	d	Chloroform	67-66-3	ug/L	12/8/2021		<3.00
MW-51	d	Chloroform	67-66-3	ug/L	12/8/2021		<3.00
MW-52	d	Chloroform	67-66-3	ug/L	12/8/2021		<3.00
MW-53	d	Chloroform	67-66-3	ug/L	12/8/2021		<3.00
MW-54	d	Chloroform	67-66-3	ug/L	12/8/2021		<3.00
MW-51	d	Chloromethane	74-87-3	ug/L	1/15/2010	ND	
MW-24R	u	Chloromethane	74-87-3	ug/L	2/11/2010	ND	
MW-53	d	Chloromethane	74-87-3	ug/L	2/11/2010	ND	
GU-3A	d	Chloromethane	74-87-3	ug/L	3/24/2010	ND	
MW-20	d	Chloromethane	74-87-3	ug/L	3/24/2010	ND	
MW-21	d	Chloromethane	74-87-3	ug/L	3/24/2010	ND	
MW-22R	d	Chloromethane	74-87-3	ug/L	3/24/2010	ND	
MW-52	d	Chloromethane	74-87-3	ug/L	3/24/2010	ND	
MW-54	d	Chloromethane	74-87-3	ug/L	3/24/2010	ND	
MW-55	d	Chloromethane	74-87-3	ug/L	3/24/2010	ND	
MW-28	d	Chloromethane	74-87-3	ug/L	4/9/2010	ND	
MW-33R	d	Chloromethane	74-87-3	ug/L	4/9/2010	ND	
MW-50	d	Chloromethane	74-87-3	ug/L	4/9/2010	ND	
MW-56	d	Chloromethane	74-87-3	ug/L	4/9/2010	ND	
MW-57	d	Chloromethane	74-87-3	ug/L	4/9/2010	ND	
MW-58	d	Chloromethane	74-87-3	ug/L	4/9/2010	ND	
MW-32R	d	Chloromethane	74-87-3	ug/L	5/18/2010	ND	
MW-14R	d	Chloromethane	74-87-3	ug/L	6/17/2010	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	6/17/2010	ND	
MW-29	d	Chloromethane	74-87-3	ug/L	6/17/2010	ND	
MW-30R	d	Chloromethane	74-87-3	ug/L	6/17/2010	ND	
MW-31R	d	Chloromethane	74-87-3	ug/L	6/17/2010	ND	
MW-51	d	Chloromethane	74-87-3	ug/L	6/17/2010	ND	
MW-21	d	Chloromethane	74-87-3	ug/L	7/21/2010	ND	
MW-54	d	Chloromethane	74-87-3	ug/L	7/21/2010	ND	
MW-20	d	Chloromethane	74-87-3	ug/L	8/17/2010	ND	
MW-29	d	Chloromethane	74-87-3	ug/L	8/17/2010	ND	
MW-39	d	Chloromethane	74-87-3	ug/L	8/17/2010	ND	
MW-51	d	Chloromethane	74-87-3	ug/L	8/17/2010	ND	
GU-3A	d	Chloromethane	74-87-3	ug/L	9/17/2010	ND	
MW-22R	d	Chloromethane	74-87-3	ug/L	9/17/2010	ND	
MW-55	d	Chloromethane	74-87-3	ug/L	9/17/2010	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	10/22/2010	ND	
MW-24R	u	Chloromethane	74-87-3	ug/L	10/22/2010	ND	
MW-30R	d	Chloromethane	74-87-3	ug/L	10/22/2010	ND	
MW-31R	d	Chloromethane	74-87-3	ug/L	10/22/2010	ND	
MW-50	d	Chloromethane	74-87-3	ug/L	10/22/2010	ND	
MW-53	d	Chloromethane	74-87-3	ug/L	10/22/2010	ND	
MW-56	d	Chloromethane	74-87-3	ug/L	10/22/2010	ND	
MW-58	d	Chloromethane	74-87-3	ug/L	10/22/2010	ND	
MW-14R	d	Chloromethane	74-87-3	ug/L	11/8/2010	ND	
MW-32R	d	Chloromethane	74-87-3	ug/L	11/8/2010	ND	
MW-57	d	Chloromethane	74-87-3	ug/L	11/8/2010	ND	
MW-28	d	Chloromethane	74-87-3	ug/L	12/15/2010	ND	
MW-33R	d	Chloromethane	74-87-3	ug/L	12/15/2010	ND	
MW-52	d	Chloromethane	74-87-3	ug/L	12/15/2010	ND	
MW-54	d	Chloromethane	74-87-3	ug/L	1/12/2011	ND	
MW-54	d	Chloromethane	74-87-3	ug/L	1/12/2011	ND	
MW-20	d	Chloromethane	74-87-3	ug/L	2/22/2011	ND	
MW-22R	d	Chloromethane	74-87-3	ug/L	2/22/2011	ND	
MW-51	d	Chloromethane	74-87-3	ug/L	2/22/2011	ND	
MW-52	d	Chloromethane	74-87-3	ug/L	2/22/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-53	d	Chloromethane	74-87-3	ug/L	2/22/2011	ND	
MW-55	d	Chloromethane	74-87-3	ug/L	2/22/2011	ND	
GU-3A	d	Chloromethane	74-87-3	ug/L	3/2/2011	ND	
MW-21	d	Chloromethane	74-87-3	ug/L	3/2/2011	ND	
MW-21	d	Chloromethane	74-87-3	ug/L	3/2/2011	ND	
MW-29	d	Chloromethane	74-87-3	ug/L	4/21/2011	ND	
MW-30R	d	Chloromethane	74-87-3	ug/L	4/21/2011	ND	
MW-31R	d	Chloromethane	74-87-3	ug/L	4/21/2011	ND	
MW-31R	d	Chloromethane	74-87-3	ug/L	4/21/2011	ND	
MW-32R	d	Chloromethane	74-87-3	ug/L	4/21/2011	ND	
MW-54	d	Chloromethane	74-87-3	ug/L	5/31/2011	ND	
MW-56	d	Chloromethane	74-87-3	ug/L	5/31/2011	ND	
MW-57	d	Chloromethane	74-87-3	ug/L	5/31/2011	ND	
MW-58	d	Chloromethane	74-87-3	ug/L	5/31/2011	ND	
MW-14R	d	Chloromethane	74-87-3	ug/L	6/7/2011	ND	
MW-14R	d	Chloromethane	74-87-3	ug/L	6/7/2011	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	6/7/2011	ND	
MW-28	d	Chloromethane	74-87-3	ug/L	6/7/2011	ND	
MW-33R	d	Chloromethane	74-87-3	ug/L	6/7/2011	ND	
MW-39	d	Chloromethane	74-87-3	ug/L	6/7/2011	ND	
MW-50	d	Chloromethane	74-87-3	ug/L	6/7/2011	ND	
MW-52	d	Chloromethane	74-87-3	ug/L	7/22/2011	ND	
MW-56	d	Chloromethane	74-87-3	ug/L	7/22/2011	ND	
MW-58	d	Chloromethane	74-87-3	ug/L	7/22/2011	ND	
MW-14R	d	Chloromethane	74-87-3	ug/L	8/29/2011	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	8/29/2011	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	8/29/2011	ND	
MW-32R	d	Chloromethane	74-87-3	ug/L	8/29/2011	ND	
GU-3A	d	Chloromethane	74-87-3	ug/L	9/9/2011	ND	
MW-22R	d	Chloromethane	74-87-3	ug/L	9/9/2011	ND	
MW-28	d	Chloromethane	74-87-3	ug/L	9/9/2011	ND	
MW-29	d	Chloromethane	74-87-3	ug/L	9/9/2011	ND	
MW-51	d	Chloromethane	74-87-3	ug/L	9/9/2011	ND	
MW-53	d	Chloromethane	74-87-3	ug/L	9/9/2011	ND	
MW-53	d	Chloromethane	74-87-3	ug/L	9/9/2011	ND	
MW-21	d	Chloromethane	74-87-3	ug/L	10/4/2011	ND	
MW-50	d	Chloromethane	74-87-3	ug/L	10/4/2011	ND	
MW-50	d	Chloromethane	74-87-3	ug/L	10/4/2011	ND	
MW-54	d	Chloromethane	74-87-3	ug/L	10/4/2011	ND	
MW-57	d	Chloromethane	74-87-3	ug/L	10/4/2011	ND	
MW-20	d	Chloromethane	74-87-3	ug/L	11/29/2011	ND	
MW-30R	d	Chloromethane	74-87-3	ug/L	11/29/2011	ND	
MW-52	d	Chloromethane	74-87-3	ug/L	11/29/2011	ND	
MW-55	d	Chloromethane	74-87-3	ug/L	11/29/2011	ND	
MW-31R	d	Chloromethane	74-87-3	ug/L	12/16/2011	ND	
MW-33R	d	Chloromethane	74-87-3	ug/L	12/16/2011	ND	
MW-39	d	Chloromethane	74-87-3	ug/L	12/16/2011	ND	
MW-14R	d	Chloromethane	74-87-3	ug/L	3/8/2012	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	3/8/2012	ND	
MW-20	d	Chloromethane	74-87-3	ug/L	3/8/2012	ND	
MW-21	d	Chloromethane	74-87-3	ug/L	3/8/2012	ND	
MW-22R	d	Chloromethane	74-87-3	ug/L	3/8/2012	ND	
MW-28	d	Chloromethane	74-87-3	ug/L	3/8/2012	ND	
MW-39	d	Chloromethane	74-87-3	ug/L	3/8/2012	ND	
MW-55	d	Chloromethane	74-87-3	ug/L	3/8/2012	ND	
MW-56	d	Chloromethane	74-87-3	ug/L	3/8/2012	ND	
MW-57	d	Chloromethane	74-87-3	ug/L	3/8/2012	ND	
MW-58	d	Chloromethane	74-87-3	ug/L	3/8/2012	ND	
GU-3A	d	Chloromethane	74-87-3	ug/L	6/13/2012	ND	
MW-29	d	Chloromethane	74-87-3	ug/L	6/13/2012	ND	
MW-30R	d	Chloromethane	74-87-3	ug/L	6/13/2012	ND	
MW-31R	d	Chloromethane	74-87-3	ug/L	6/13/2012	ND	
MW-32R	d	Chloromethane	74-87-3	ug/L	6/13/2012	ND	
MW-33R	d	Chloromethane	74-87-3	ug/L	6/13/2012	ND	
MW-50	d	Chloromethane	74-87-3	ug/L	6/13/2012	ND	
MW-50	d	Chloromethane	74-87-3	ug/L	6/13/2012	ND	
MW-51	d	Chloromethane	74-87-3	ug/L	6/13/2012	ND	
MW-52	d	Chloromethane	74-87-3	ug/L	6/13/2012	ND	
MW-53	d	Chloromethane	74-87-3	ug/L	6/13/2012	ND	
MW-54	d	Chloromethane	74-87-3	ug/L	6/13/2012	ND	
GU-3A	d	Chloromethane	74-87-3	ug/L	9/4/2012	ND	
MW-20	d	Chloromethane	74-87-3	ug/L	9/4/2012	ND	
MW-21	d	Chloromethane	74-87-3	ug/L	9/4/2012	ND	
MW-22R	d	Chloromethane	74-87-3	ug/L	9/4/2012	ND	
MW-50	d	Chloromethane	74-87-3	ug/L	9/4/2012	ND	
MW-51	d	Chloromethane	74-87-3	ug/L	9/4/2012	ND	
MW-52	d	Chloromethane	74-87-3	ug/L	9/4/2012	ND	
MW-53	d	Chloromethane	74-87-3	ug/L	9/4/2012	ND	
MW-54	d	Chloromethane	74-87-3	ug/L	9/4/2012	ND	
MW-54	d	Chloromethane	74-87-3	ug/L	9/4/2012	ND	
MW-57	d	Chloromethane	74-87-3	ug/L	9/4/2012	ND	
MW-58	d	Chloromethane	74-87-3	ug/L	9/4/2012	ND	
MW-14R	d	Chloromethane	74-87-3	ug/L	12/19/2012	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	12/19/2012	ND	
MW-28	d	Chloromethane	74-87-3	ug/L	12/19/2012	ND	
MW-29	d	Chloromethane	74-87-3	ug/L	12/19/2012	ND	
MW-30R	d	Chloromethane	74-87-3	ug/L	12/19/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	Chloromethane	74-87-3	ug/L	12/19/2012	ND	
MW-32R	d	Chloromethane	74-87-3	ug/L	12/19/2012	ND	
MW-33R	d	Chloromethane	74-87-3	ug/L	12/19/2012	ND	
MW-33R	d	Chloromethane	74-87-3	ug/L	12/19/2012	ND	
MW-39	d	Chloromethane	74-87-3	ug/L	12/19/2012	ND	
MW-55	d	Chloromethane	74-87-3	ug/L	12/19/2012	ND	
MW-56	d	Chloromethane	74-87-3	ug/L	12/19/2012	ND	
MW-14R	d	Chloromethane	74-87-3	ug/L	3/11/2013	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	3/11/2013	ND	
MW-28	d	Chloromethane	74-87-3	ug/L	3/11/2013	ND	
MW-39	d	Chloromethane	74-87-3	ug/L	3/11/2013	ND	
MW-50	d	Chloromethane	74-87-3	ug/L	3/11/2013	ND	
MW-50	d	Chloromethane	74-87-3	ug/L	3/11/2013	ND	
MW-51	d	Chloromethane	74-87-3	ug/L	3/11/2013	ND	
MW-52	d	Chloromethane	74-87-3	ug/L	3/11/2013	ND	
MW-53	d	Chloromethane	74-87-3	ug/L	3/11/2013	ND	
MW-54	d	Chloromethane	74-87-3	ug/L	3/11/2013	ND	
MW-55	d	Chloromethane	74-87-3	ug/L	3/11/2013	ND	
MW-56	d	Chloromethane	74-87-3	ug/L	3/11/2013	ND	
MW-20	d	Chloromethane	74-87-3	ug/L	6/10/2013	ND	
MW-20	d	Chloromethane	74-87-3	ug/L	6/10/2013	ND	
MW-21	d	Chloromethane	74-87-3	ug/L	6/10/2013	ND	
MW-22R	d	Chloromethane	74-87-3	ug/L	6/10/2013	ND	
MW-29	d	Chloromethane	74-87-3	ug/L	6/10/2013	ND	
MW-30R	d	Chloromethane	74-87-3	ug/L	6/10/2013	ND	
MW-31R	d	Chloromethane	74-87-3	ug/L	6/10/2013	ND	
MW-32R	d	Chloromethane	74-87-3	ug/L	6/10/2013	ND	
MW-33R	d	Chloromethane	74-87-3	ug/L	6/10/2013	ND	
MW-57	d	Chloromethane	74-87-3	ug/L	6/10/2013	ND	
MW-58	d	Chloromethane	74-87-3	ug/L	6/10/2013	ND	
GU-3A	d	Chloromethane	74-87-3	ug/L	9/10/2013	ND	
MW-31R	d	Chloromethane	74-87-3	ug/L	9/10/2013	ND	
MW-31R	d	Chloromethane	74-87-3	ug/L	9/10/2013	ND	
MW-32R	d	Chloromethane	74-87-3	ug/L	9/10/2013	ND	
MW-33R	d	Chloromethane	74-87-3	ug/L	9/10/2013	ND	
MW-50	d	Chloromethane	74-87-3	ug/L	9/10/2013	ND	
MW-51	d	Chloromethane	74-87-3	ug/L	9/10/2013	ND	
MW-52	d	Chloromethane	74-87-3	ug/L	9/10/2013	ND	
MW-53	d	Chloromethane	74-87-3	ug/L	9/10/2013	ND	
MW-54	d	Chloromethane	74-87-3	ug/L	9/10/2013	ND	
MW-14R	d	Chloromethane	74-87-3	ug/L	12/18/2013	ND	
MW-18	d	Chloromethane	74-87-3	ug/L	12/18/2013	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	12/18/2013	ND	
MW-20	d	Chloromethane	74-87-3	ug/L	12/18/2013	ND	
MW-21	d	Chloromethane	74-87-3	ug/L	12/18/2013	ND	
MW-22R	d	Chloromethane	74-87-3	ug/L	12/18/2013	ND	
MW-28	d	Chloromethane	74-87-3	ug/L	12/18/2013	ND	
MW-30R	d	Chloromethane	74-87-3	ug/L	12/18/2013	ND	
MW-39	d	Chloromethane	74-87-3	ug/L	12/18/2013	J	0.471
MW-39	d	Chloromethane	74-87-3	ug/L	12/18/2013	ND	
MW-55	d	Chloromethane	74-87-3	ug/L	12/18/2013	ND	
MW-18	d	Chloromethane	74-87-3	ug/L	3/20/2014	ND	
MW-20	d	Chloromethane	74-87-3	ug/L	3/20/2014	ND	
MW-21	d	Chloromethane	74-87-3	ug/L	3/20/2014	ND	
MW-21	d	Chloromethane	74-87-3	ug/L	3/20/2014	ND	
MW-22R	d	Chloromethane	74-87-3	ug/L	3/20/2014	ND	
MW-30R	d	Chloromethane	74-87-3	ug/L	3/20/2014	ND	
MW-31R	d	Chloromethane	74-87-3	ug/L	3/20/2014	ND	
MW-32R	d	Chloromethane	74-87-3	ug/L	3/20/2014	ND	
MW-33R	d	Chloromethane	74-87-3	ug/L	3/20/2014	ND	
MW-14R	d	Chloromethane	74-87-3	ug/L	6/24/2014	ND	
MW-14R	d	Chloromethane	74-87-3	ug/L	6/24/2014	ND	
MW-18	d	Chloromethane	74-87-3	ug/L	6/24/2014	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	6/24/2014	ND	
MW-28	d	Chloromethane	74-87-3	ug/L	6/24/2014	ND	
MW-39	d	Chloromethane	74-87-3	ug/L	6/24/2014	ND	
MW-50	d	Chloromethane	74-87-3	ug/L	6/24/2014	ND	
MW-51	d	Chloromethane	74-87-3	ug/L	6/24/2014	ND	
MW-52	d	Chloromethane	74-87-3	ug/L	6/24/2014	ND	
MW-53	d	Chloromethane	74-87-3	ug/L	6/24/2014	ND	
MW-54	d	Chloromethane	74-87-3	ug/L	6/24/2014	ND	
MW-55	d	Chloromethane	74-87-3	ug/L	6/24/2014	ND	
MW-58	d	Chloromethane	74-87-3	ug/L	6/24/2014	ND	
MW-29	d	Chloromethane	74-87-3	ug/L	7/24/2014	ND	
MW-56	d	Chloromethane	74-87-3	ug/L	7/24/2014	ND	
MW-57	d	Chloromethane	74-87-3	ug/L	7/24/2014	ND	
GU-3A	d	Chloromethane	74-87-3	ug/L	9/24/2014	ND	
MW-18	d	Chloromethane	74-87-3	ug/L	9/24/2014	ND	
MW-29	d	Chloromethane	74-87-3	ug/L	9/24/2014	ND	
MW-30R	d	Chloromethane	74-87-3	ug/L	9/24/2014	ND	
MW-31R	d	Chloromethane	74-87-3	ug/L	9/24/2014	ND	
MW-31R	d	Chloromethane	74-87-3	ug/L	9/24/2014	ND	
MW-32R	d	Chloromethane	74-87-3	ug/L	9/24/2014	ND	
MW-33R	d	Chloromethane	74-87-3	ug/L	9/24/2014	ND	
MW-50	d	Chloromethane	74-87-3	ug/L	9/24/2014	ND	
MW-51	d	Chloromethane	74-87-3	ug/L	9/24/2014	ND	
MW-52	d	Chloromethane	74-87-3	ug/L	9/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-53	d	Chloromethane	74-87-3	ug/L	9/24/2014	ND	
MW-54	d	Chloromethane	74-87-3	ug/L	9/24/2014	ND	
MW-14R	d	Chloromethane	74-87-3	ug/L	12/4/2014	ND	
MW-18	d	Chloromethane	74-87-3	ug/L	12/4/2014	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	12/4/2014	ND	
MW-20	d	Chloromethane	74-87-3	ug/L	12/4/2014	ND	
MW-21	d	Chloromethane	74-87-3	ug/L	12/4/2014	ND	
MW-22R	d	Chloromethane	74-87-3	ug/L	12/4/2014	ND	
MW-28	d	Chloromethane	74-87-3	ug/L	12/4/2014	ND	
MW-39	d	Chloromethane	74-87-3	ug/L	12/4/2014	ND	
MW-56	d	Chloromethane	74-87-3	ug/L	12/4/2014	ND	
MW-57	d	Chloromethane	74-87-3	ug/L	12/4/2014	ND	
MW-57	d	Chloromethane	74-87-3	ug/L	12/4/2014	ND	
MW-58	d	Chloromethane	74-87-3	ug/L	12/4/2014	ND	
MW-14R	d	Chloromethane	74-87-3	ug/L	3/11/2015	ND	
MW-18	d	Chloromethane	74-87-3	ug/L	3/11/2015	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	3/11/2015	ND	
MW-20	d	Chloromethane	74-87-3	ug/L	3/11/2015	ND	
MW-21	d	Chloromethane	74-87-3	ug/L	3/11/2015	ND	
MW-22R	d	Chloromethane	74-87-3	ug/L	3/11/2015	ND	
MW-28	d	Chloromethane	74-87-3	ug/L	3/11/2015	ND	
MW-39	d	Chloromethane	74-87-3	ug/L	3/11/2015	ND	
MW-55	d	Chloromethane	74-87-3	ug/L	3/11/2015	ND	
MW-56	d	Chloromethane	74-87-3	ug/L	3/11/2015	ND	
MW-57	d	Chloromethane	74-87-3	ug/L	3/11/2015	ND	
MW-58	d	Chloromethane	74-87-3	ug/L	3/11/2015	ND	
MW-58	d	Chloromethane	74-87-3	ug/L	3/11/2015	ND	
MW-29	d	Chloromethane	74-87-3	ug/L	6/29/2015	ND	
MW-30R	d	Chloromethane	74-87-3	ug/L	6/29/2015	ND	
MW-31R	d	Chloromethane	74-87-3	ug/L	6/29/2015	ND	
MW-31R	d	Chloromethane	74-87-3	ug/L	6/29/2015	ND	
MW-32R	d	Chloromethane	74-87-3	ug/L	6/29/2015	ND	
MW-33R	d	Chloromethane	74-87-3	ug/L	6/29/2015	ND	
MW-50	d	Chloromethane	74-87-3	ug/L	6/29/2015	ND	
MW-51	d	Chloromethane	74-87-3	ug/L	6/29/2015	ND	
MW-52	d	Chloromethane	74-87-3	ug/L	6/29/2015	ND	
MW-53	d	Chloromethane	74-87-3	ug/L	6/29/2015	ND	
MW-54	d	Chloromethane	74-87-3	ug/L	6/29/2015	ND	
GU-3A	d	Chloromethane	74-87-3	ug/L	9/22/2015	ND	
MW-14R	d	Chloromethane	74-87-3	ug/L	2/15/2016	ND	
MW-14R	d	Chloromethane	74-87-3	ug/L	2/15/2016	J	0.359
MW-18	d	Chloromethane	74-87-3	ug/L	2/15/2016	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	2/15/2016	ND	
MW-39	d	Chloromethane	74-87-3	ug/L	2/15/2016	ND	
MW-20	d	Chloromethane	74-87-3	ug/L	2/16/2016	ND	
MW-21	d	Chloromethane	74-87-3	ug/L	2/16/2016	ND	
MW-55	d	Chloromethane	74-87-3	ug/L	2/16/2016	ND	
MW-56	d	Chloromethane	74-87-3	ug/L	2/16/2016	ND	
MW-57	d	Chloromethane	74-87-3	ug/L	2/16/2016	ND	
MW-58	d	Chloromethane	74-87-3	ug/L	2/16/2016	ND	
MW-22R	d	Chloromethane	74-87-3	ug/L	2/17/2016	ND	
MW-28	d	Chloromethane	74-87-3	ug/L	8/25/2016	ND	
MW-29	d	Chloromethane	74-87-3	ug/L	8/25/2016	ND	
MW-30R	d	Chloromethane	74-87-3	ug/L	8/25/2016	ND	
MW-31R	d	Chloromethane	74-87-3	ug/L	8/25/2016	ND	
MW-32R	d	Chloromethane	74-87-3	ug/L	8/25/2016	ND	
MW-33R	d	Chloromethane	74-87-3	ug/L	8/25/2016	ND	
MW-50	d	Chloromethane	74-87-3	ug/L	8/25/2016	ND	
MW-51	d	Chloromethane	74-87-3	ug/L	8/25/2016	ND	
MW-52	d	Chloromethane	74-87-3	ug/L	8/25/2016	ND	
MW-53	d	Chloromethane	74-87-3	ug/L	8/25/2016	ND	
MW-54	d	Chloromethane	74-87-3	ug/L	8/25/2016	ND	
GU-3A	d	Chloromethane	74-87-3	ug/L	8/26/2016	ND	
MW-18	d	Chloromethane	74-87-3	ug/L	1/17/2017	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	1/17/2017	ND	
MW-22R	d	Chloromethane	74-87-3	ug/L	1/17/2017	ND	
MW-28	d	Chloromethane	74-87-3	ug/L	1/17/2017	ND	
MW-28	d	Chloromethane	74-87-3	ug/L	1/17/2017	ND	
MW-39	d	Chloromethane	74-87-3	ug/L	1/17/2017	ND	
MW-50	d	Chloromethane	74-87-3	ug/L	1/17/2017	ND	
MW-51	d	Chloromethane	74-87-3	ug/L	1/17/2017	ND	
MW-53	d	Chloromethane	74-87-3	ug/L	1/17/2017	ND	
MW-54	d	Chloromethane	74-87-3	ug/L	1/17/2017	ND	
MW-56	d	Chloromethane	74-87-3	ug/L	1/17/2017	ND	
GU-3A	d	Chloromethane	74-87-3	ug/L	7/10/2017	ND	
MW-14R	d	Chloromethane	74-87-3	ug/L	7/10/2017	ND	
MW-20	d	Chloromethane	74-87-3	ug/L	7/10/2017	ND	
MW-21	d	Chloromethane	74-87-3	ug/L	7/10/2017	ND	
MW-29	d	Chloromethane	74-87-3	ug/L	7/10/2017	ND	
MW-30R	d	Chloromethane	74-87-3	ug/L	7/10/2017	ND	
MW-31R	d	Chloromethane	74-87-3	ug/L	7/10/2017	ND	
MW-32R	d	Chloromethane	74-87-3	ug/L	7/10/2017	ND	
MW-32R	d	Chloromethane	74-87-3	ug/L	7/10/2017	ND	
MW-33R	d	Chloromethane	74-87-3	ug/L	7/10/2017	ND	
MW-57	d	Chloromethane	74-87-3	ug/L	7/10/2017	ND	
MW-58	d	Chloromethane	74-87-3	ug/L	7/10/2017	ND	
MW-52	d	Chloromethane	74-87-3	ug/L	10/17/2017	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-55	d	Chloromethane	74-87-3	ug/L	10/17/2017	ND	
GU-3A	d	Chloromethane	74-87-3	ug/L	4/3/2018	ND	
GU-3A	d	Chloromethane	74-87-3	ug/L	4/3/2018	ND	
MW-14R	d	Chloromethane	74-87-3	ug/L	4/3/2018	ND	
MW-20	d	Chloromethane	74-87-3	ug/L	4/3/2018	ND	
MW-21	d	Chloromethane	74-87-3	ug/L	4/3/2018	ND	
MW-29	d	Chloromethane	74-87-3	ug/L	4/3/2018	ND	
MW-30R	d	Chloromethane	74-87-3	ug/L	4/3/2018	ND	
MW-31R	d	Chloromethane	74-87-3	ug/L	4/3/2018	ND	
MW-32R	d	Chloromethane	74-87-3	ug/L	4/3/2018	ND	
MW-33R	d	Chloromethane	74-87-3	ug/L	4/3/2018	ND	
MW-33R	d	Chloromethane	74-87-3	ug/L	4/3/2018	ND	
MW-57	d	Chloromethane	74-87-3	ug/L	4/3/2018	ND	
MW-58	d	Chloromethane	74-87-3	ug/L	4/3/2018	ND	
MW-39	d	Chloromethane	74-87-3	ug/L	11/1/2018	ND	
MW-50	d	Chloromethane	74-87-3	ug/L	11/1/2018	ND	
MW-51	d	Chloromethane	74-87-3	ug/L	11/1/2018	ND	
MW-52	d	Chloromethane	74-87-3	ug/L	11/1/2018	ND	
MW-53	d	Chloromethane	74-87-3	ug/L	11/1/2018	ND	
MW-54	d	Chloromethane	74-87-3	ug/L	11/1/2018	ND	
MW-55	d	Chloromethane	74-87-3	ug/L	11/1/2018	ND	
MW-18	d	Chloromethane	74-87-3	ug/L	11/2/2018	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	11/2/2018	ND	
MW-22R	d	Chloromethane	74-87-3	ug/L	11/2/2018	ND	
MW-28	d	Chloromethane	74-87-3	ug/L	11/2/2018	ND	
MW-56	d	Chloromethane	74-87-3	ug/L	11/2/2018	NDH	
MW-18	d	Chloromethane	74-87-3	ug/L	5/16/2019	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	5/16/2019	ND	
MW-23	u	Chloromethane	74-87-3	ug/L	5/16/2019	ND	
MW-24R	u	Chloromethane	74-87-3	ug/L	5/16/2019	ND	
MW-28	d	Chloromethane	74-87-3	ug/L	5/16/2019	ND	
MW-55	d	Chloromethane	74-87-3	ug/L	5/16/2019	ND	
MW-50	d	Chloromethane	74-87-3	ug/L	5/20/2019	ND	
MW-51	d	Chloromethane	74-87-3	ug/L	5/20/2019	ND	
MW-52	d	Chloromethane	74-87-3	ug/L	5/20/2019	ND	
MW-54	d	Chloromethane	74-87-3	ug/L	5/20/2019	ND	
MW-56	d	Chloromethane	74-87-3	ug/L	5/20/2019	ND	
MW-53	d	Chloromethane	74-87-3	ug/L	5/21/2019	ND	
MW-14R	d	Chloromethane	74-87-3	ug/L	9/11/2019	ND	
MW-29	d	Chloromethane	74-87-3	ug/L	9/11/2019	ND	
MW-30R	d	Chloromethane	74-87-3	ug/L	9/11/2019	ND	
MW-33R	d	Chloromethane	74-87-3	ug/L	9/11/2019	ND	
MW-58	d	Chloromethane	74-87-3	ug/L	9/11/2019	ND	
GU-3A	d	Chloromethane	74-87-3	ug/L	3/16/2020	ND	
MW-33R	d	Chloromethane	74-87-3	ug/L	3/16/2020	ND	
MW-14R	d	Chloromethane	74-87-3	ug/L	3/17/2020	ND	
MW-29	d	Chloromethane	74-87-3	ug/L	3/17/2020	ND	
MW-30R	d	Chloromethane	74-87-3	ug/L	3/17/2020	ND	
MW-58	d	Chloromethane	74-87-3	ug/L	3/17/2020	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	7/20/2020	ND	
MW-28	d	Chloromethane	74-87-3	ug/L	7/20/2020	ND	
MW-51	d	Chloromethane	74-87-3	ug/L	7/20/2020	ND	
MW-55	d	Chloromethane	74-87-3	ug/L	7/20/2020	ND	
MW-56	d	Chloromethane	74-87-3	ug/L	7/20/2020	ND	
MW-57R	d	Chloromethane	74-87-3	ug/L	7/20/2020	ND	
MW-73	d	Chloromethane	74-87-3	ug/L	7/20/2020	ND	
MW-18	d	Chloromethane	74-87-3	ug/L	7/21/2020	ND	
MW-50	d	Chloromethane	74-87-3	ug/L	7/21/2020	ND	
MW-52	d	Chloromethane	74-87-3	ug/L	7/21/2020	ND	
MW-53	d	Chloromethane	74-87-3	ug/L	7/21/2020	ND	
MW-54	d	Chloromethane	74-87-3	ug/L	7/21/2020	ND	
MW-23	u	Chloromethane	74-87-3	ug/L	7/22/2020	ND	
MW-24R	u	Chloromethane	74-87-3	ug/L	7/22/2020	ND	
MW-55	d	Chloromethane	74-87-3	ug/L	11/12/2020	ND	
MW-33R	d	Chloromethane	74-87-3	ug/L	8/24/2021		<3.00
MW-14R	d	Chloromethane	74-87-3	ug/L	8/24/2021		<3.00
MW-29	d	Chloromethane	74-87-3	ug/L	8/25/2021		<3.00
MW-58	d	Chloromethane	74-87-3	ug/L	8/25/2021		<3.00
MW-30R	d	Chloromethane	74-87-3	ug/L	8/25/2021		<3.00
MW-68	d	Chloromethane	74-87-3	ug/L	8/25/2021		<3.00
MW-69	d	Chloromethane	74-87-3	ug/L	8/25/2021		<3.00
MW-70	d	Chloromethane	74-87-3	ug/L	8/26/2021		<3.00
MW-57R	d	Chloromethane	74-87-3	ug/L	8/26/2021		<3.00
PZ-13	d	Chloromethane	74-87-3	ug/L	8/27/2021		<3.00
MW-73	d	Chloromethane	74-87-3	ug/L	8/27/2021		<3.00
GU-3A	d	Chloromethane	74-87-3	ug/L	9/8/2021		<3.00
MW-24R	u	Chloromethane	74-87-3	ug/L	12/7/2021		<3.00
MW-28	d	Chloromethane	74-87-3	ug/L	12/7/2021		<3.00
MW-57R	d	Chloromethane	74-87-3	ug/L	12/7/2021		<3.00
MW-73	d	Chloromethane	74-87-3	ug/L	12/7/2021		<3.00
MW-56	d	Chloromethane	74-87-3	ug/L	12/7/2021		<3.00
MW-19	d	Chloromethane	74-87-3	ug/L	12/7/2021		<3.00
MW-18	d	Chloromethane	74-87-3	ug/L	12/7/2021		<3.00
MW-55	d	Chloromethane	74-87-3	ug/L	12/7/2021		<3.00
MW-50	d	Chloromethane	74-87-3	ug/L	12/7/2021		<3.00
MW-23	u	Chloromethane	74-87-3	ug/L	12/8/2021		<3.00
MW-39	d	Chloromethane	74-87-3	ug/L	12/8/2021		<3.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-51	d	Chloromethane	74-87-3	ug/L	12/8/2021		<3.00
MW-52	d	Chloromethane	74-87-3	ug/L	12/8/2021		<3.00
MW-53	d	Chloromethane	74-87-3	ug/L	12/8/2021		<3.00
MW-54	d	Chloromethane	74-87-3	ug/L	12/8/2021		<3.00
MW-39	d	Chloroprene	126-99-8	ug/L	3/11/2013	ND	
MW-31R	d	Chloroprene	126-99-8	ug/L	9/10/2013	ND	
MW-32R	d	Chloroprene	126-99-8	ug/L	9/10/2013	ND	
MW-18	d	Chloroprene	126-99-8	ug/L	12/18/2013	ND	
MW-20	d	Chloroprene	126-99-8	ug/L	12/18/2013	ND	
MW-21	d	Chloroprene	126-99-8	ug/L	12/18/2013	ND	
MW-22R	d	Chloroprene	126-99-8	ug/L	12/18/2013	ND	
MW-30R	d	Chloroprene	126-99-8	ug/L	12/18/2013	ND	
MW-18	d	Chloroprene	126-99-8	ug/L	6/24/2014	ND	
MW-29	d	Chloroprene	126-99-8	ug/L	7/24/2014	ND	
MW-57	d	Chloroprene	126-99-8	ug/L	7/24/2014	ND	
MW-58	d	Chloroprene	126-99-8	ug/L	7/24/2014	ND	
MW-33R	d	Chloroprene	126-99-8	ug/L	9/24/2014	ND	
MW-50	d	Chloroprene	126-99-8	ug/L	9/24/2014	ND	
MW-51	d	Chloroprene	126-99-8	ug/L	9/24/2014	ND	
MW-52	d	Chloroprene	126-99-8	ug/L	9/24/2014	ND	
MW-53	d	Chloroprene	126-99-8	ug/L	9/24/2014	ND	
MW-54	d	Chloroprene	126-99-8	ug/L	9/24/2014	ND	
MW-14R	d	Chloroprene	126-99-8	ug/L	12/4/2014	ND	
MW-19	d	Chloroprene	126-99-8	ug/L	12/4/2014	ND	
MW-28	d	Chloroprene	126-99-8	ug/L	12/4/2014	ND	
MW-56	d	Chloroprene	126-99-8	ug/L	12/4/2014	ND	
MW-55	d	Chloroprene	126-99-8	ug/L	3/11/2015	ND	
MW-20	d	Chloroprene	126-99-8	ug/L	4/3/2018	ND	
MW-21	d	Chloroprene	126-99-8	ug/L	4/3/2018	ND	
MW-30R	d	Chloroprene	126-99-8	ug/L	4/3/2018	ND	
MW-31R	d	Chloroprene	126-99-8	ug/L	4/3/2018	ND	
MW-32R	d	Chloroprene	126-99-8	ug/L	4/3/2018	ND	
MW-39	d	Chloroprene	126-99-8	ug/L	11/1/2018	ND	
MW-22R	d	Chloroprene	126-99-8	ug/L	11/2/2018	ND	
MW-18	d	Chloroprene	126-99-8	ug/L	5/16/2019	ND	
MW-19	d	Chloroprene	126-99-8	ug/L	5/16/2019	ND	
MW-28	d	Chloroprene	126-99-8	ug/L	5/16/2019	ND	
MW-50	d	Chloroprene	126-99-8	ug/L	5/20/2019	ND	
MW-51	d	Chloroprene	126-99-8	ug/L	5/20/2019	ND	
MW-52	d	Chloroprene	126-99-8	ug/L	5/20/2019	ND	
MW-54	d	Chloroprene	126-99-8	ug/L	5/20/2019	ND	
MW-56	d	Chloroprene	126-99-8	ug/L	5/20/2019	ND	
MW-53	d	Chloroprene	126-99-8	ug/L	5/21/2019	ND	
MW-14R	d	Chloroprene	126-99-8	ug/L	9/11/2019	ND	
MW-29	d	Chloroprene	126-99-8	ug/L	9/11/2019	ND	
MW-30R	d	Chloroprene	126-99-8	ug/L	9/11/2019	ND	
MW-33R	d	Chloroprene	126-99-8	ug/L	9/11/2019	ND	
MW-58	d	Chloroprene	126-99-8	ug/L	9/11/2019	ND	
MW-55	d	Chloroprene	126-99-8	ug/L	11/12/2020	ND	
MW-51	d	Chromium	7440-47-3	mg/L	1/15/2010	ND	
MW-24R	u	Chromium	7440-47-3	mg/L	2/11/2010	ND	
MW-53	d	Chromium	7440-47-3	mg/L	2/11/2010	ND	
GU-3A	d	Chromium	7440-47-3	mg/L	3/24/2010	ND	
MW-20	d	Chromium	7440-47-3	mg/L	3/24/2010	ND	
MW-21	d	Chromium	7440-47-3	mg/L	3/24/2010	ND	
MW-22R	d	Chromium	7440-47-3	mg/L	3/24/2010	ND	
MW-52	d	Chromium	7440-47-3	mg/L	3/24/2010	ND	
MW-54	d	Chromium	7440-47-3	mg/L	3/24/2010	ND	
MW-55	d	Chromium	7440-47-3	mg/L	3/24/2010	ND	
MW-28	d	Chromium	7440-47-3	mg/L	4/9/2010	ND	
MW-33R	d	Chromium	7440-47-3	mg/L	4/9/2010	ND	
MW-50	d	Chromium	7440-47-3	mg/L	4/9/2010	ND	
MW-56	d	Chromium	7440-47-3	mg/L	4/9/2010	ND	
MW-57	d	Chromium	7440-47-3	mg/L	4/9/2010	ND	
MW-58	d	Chromium	7440-47-3	mg/L	4/9/2010	ND	
MW-32R	d	Chromium	7440-47-3	mg/L	5/18/2010	ND	
MW-52	d	Chromium	7440-47-3	mg/L	5/18/2010	ND	
MW-55	d	Chromium	7440-47-3	mg/L	5/18/2010	ND	
MW-14R	d	Chromium	7440-47-3	mg/L	6/17/2010	ND	
MW-19	d	Chromium	7440-47-3	mg/L	6/17/2010	ND	
MW-29	d	Chromium	7440-47-3	mg/L	6/17/2010	ND	
MW-30R	d	Chromium	7440-47-3	mg/L	6/17/2010	ND	
MW-31R	d	Chromium	7440-47-3	mg/L	6/17/2010	ND	
MW-51	d	Chromium	7440-47-3	mg/L	6/17/2010	ND	
MW-21	d	Chromium	7440-47-3	mg/L	7/21/2010	ND	
MW-54	d	Chromium	7440-47-3	mg/L	7/21/2010	ND	
MW-20	d	Chromium	7440-47-3	mg/L	8/17/2010	ND	
MW-29	d	Chromium	7440-47-3	mg/L	8/17/2010	ND	
MW-39	d	Chromium	7440-47-3	mg/L	8/17/2010	ND	
MW-51	d	Chromium	7440-47-3	mg/L	8/17/2010	ND	
GU-3A	d	Chromium	7440-47-3	mg/L	9/17/2010	ND	
MW-22R	d	Chromium	7440-47-3	mg/L	9/17/2010	ND	
MW-55	d	Chromium	7440-47-3	mg/L	9/17/2010	ND	
MW-19	d	Chromium	7440-47-3	mg/L	10/22/2010	ND	
MW-24R	u	Chromium	7440-47-3	mg/L	10/22/2010	ND	
MW-30R	d	Chromium	7440-47-3	mg/L	10/22/2010	ND	
MW-31R	d	Chromium	7440-47-3	mg/L	10/22/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	Chromium	7440-47-3	mg/L	10/22/2010	ND	
MW-53	d	Chromium	7440-47-3	mg/L	10/22/2010	ND	
MW-56	d	Chromium	7440-47-3	mg/L	10/22/2010	ND	
MW-58	d	Chromium	7440-47-3	mg/L	10/22/2010	ND	
MW-14R	d	Chromium	7440-47-3	mg/L	11/8/2010	ND	
MW-32R	d	Chromium	7440-47-3	mg/L	11/8/2010	ND	
MW-57	d	Chromium	7440-47-3	mg/L	11/8/2010	ND	
MW-28	d	Chromium	7440-47-3	mg/L	12/15/2010	ND	
MW-33R	d	Chromium	7440-47-3	mg/L	12/15/2010		0.0491
MW-52	d	Chromium	7440-47-3	mg/L	12/15/2010		0.0555
MW-54	d	Chromium	7440-47-3	mg/L	1/12/2011	ND	
MW-54	d	Chromium	7440-47-3	mg/L	1/12/2011	ND	
MW-20	d	Chromium	7440-47-3	mg/L	2/22/2011	ND	
MW-22R	d	Chromium	7440-47-3	mg/L	2/22/2011	ND	
MW-51	d	Chromium	7440-47-3	mg/L	2/22/2011	ND	
MW-52	d	Chromium	7440-47-3	mg/L	2/22/2011		0.0725
MW-53	d	Chromium	7440-47-3	mg/L	2/22/2011	ND	
MW-55	d	Chromium	7440-47-3	mg/L	2/22/2011	ND	
GU-3A	d	Chromium	7440-47-3	mg/L	3/2/2011	ND	
MW-21	d	Chromium	7440-47-3	mg/L	3/2/2011	ND	
MW-21	d	Chromium	7440-47-3	mg/L	3/2/2011	ND	
MW-29	d	Chromium	7440-47-3	mg/L	4/21/2011	ND	
MW-30R	d	Chromium	7440-47-3	mg/L	4/21/2011	ND	
MW-31R	d	Chromium	7440-47-3	mg/L	4/21/2011	ND	
MW-31R	d	Chromium	7440-47-3	mg/L	4/21/2011	ND	
MW-32R	d	Chromium	7440-47-3	mg/L	4/21/2011	ND	
MW-54	d	Chromium	7440-47-3	mg/L	5/31/2011	ND	
MW-56	d	Chromium	7440-47-3	mg/L	5/31/2011	ND	
MW-57	d	Chromium	7440-47-3	mg/L	5/31/2011	ND	
MW-58	d	Chromium	7440-47-3	mg/L	5/31/2011	ND	
MW-14R	d	Chromium	7440-47-3	mg/L	6/7/2011	ND	
MW-14R	d	Chromium	7440-47-3	mg/L	6/7/2011	ND	
MW-19	d	Chromium	7440-47-3	mg/L	6/7/2011	ND	
MW-28	d	Chromium	7440-47-3	mg/L	6/7/2011	ND	
MW-33R	d	Chromium	7440-47-3	mg/L	6/7/2011	ND	
MW-39	d	Chromium	7440-47-3	mg/L	6/7/2011	ND	
MW-50	d	Chromium	7440-47-3	mg/L	6/7/2011	ND	
MW-52	d	Chromium	7440-47-3	mg/L	7/22/2011	ND	
MW-56	d	Chromium	7440-47-3	mg/L	7/22/2011	ND	
MW-58	d	Chromium	7440-47-3	mg/L	7/22/2011	ND	
MW-14R	d	Chromium	7440-47-3	mg/L	8/29/2011	ND	
MW-19	d	Chromium	7440-47-3	mg/L	8/29/2011	ND	
MW-19	d	Chromium	7440-47-3	mg/L	8/29/2011	ND	
MW-32R	d	Chromium	7440-47-3	mg/L	8/29/2011	ND	
GU-3A	d	Chromium	7440-47-3	mg/L	9/9/2011	ND	
MW-22R	d	Chromium	7440-47-3	mg/L	9/9/2011	ND	
MW-23	u	Chromium	7440-47-3	mg/L	9/9/2011	ND	
MW-24R	u	Chromium	7440-47-3	mg/L	9/9/2011	ND	
MW-28	d	Chromium	7440-47-3	mg/L	9/9/2011	ND	
MW-29	d	Chromium	7440-47-3	mg/L	9/9/2011	ND	
MW-51	d	Chromium	7440-47-3	mg/L	9/9/2011	ND	
MW-53	d	Chromium	7440-47-3	mg/L	9/9/2011	ND	
MW-53	d	Chromium	7440-47-3	mg/L	9/9/2011	ND	
MW-21	d	Chromium	7440-47-3	mg/L	10/4/2011	ND	
MW-50	d	Chromium	7440-47-3	mg/L	10/4/2011	ND	
MW-50	d	Chromium	7440-47-3	mg/L	10/4/2011	ND	
MW-54	d	Chromium	7440-47-3	mg/L	10/4/2011	ND	
MW-57	d	Chromium	7440-47-3	mg/L	10/4/2011	ND	
MW-20	d	Chromium	7440-47-3	mg/L	11/29/2011	ND	
MW-30R	d	Chromium	7440-47-3	mg/L	11/29/2011	ND	
MW-52	d	Chromium	7440-47-3	mg/L	11/29/2011	ND	
MW-55	d	Chromium	7440-47-3	mg/L	11/29/2011	ND	
MW-31R	d	Chromium	7440-47-3	mg/L	12/16/2011	ND	
MW-33R	d	Chromium	7440-47-3	mg/L	12/16/2011	ND	
MW-39	d	Chromium	7440-47-3	mg/L	12/16/2011	ND	
MW-14R	d	Chromium	7440-47-3	mg/L	3/8/2012	ND	
MW-19	d	Chromium	7440-47-3	mg/L	3/8/2012	ND	
MW-20	d	Chromium	7440-47-3	mg/L	3/8/2012	ND	
MW-21	d	Chromium	7440-47-3	mg/L	3/8/2012	ND	
MW-22R	d	Chromium	7440-47-3	mg/L	3/8/2012	ND	
MW-23	u	Chromium	7440-47-3	mg/L	3/8/2012	ND	
MW-24R	u	Chromium	7440-47-3	mg/L	3/8/2012	ND	
MW-28	d	Chromium	7440-47-3	mg/L	3/8/2012	ND	
MW-39	d	Chromium	7440-47-3	mg/L	3/8/2012	ND	
MW-55	d	Chromium	7440-47-3	mg/L	3/8/2012	ND	
MW-56	d	Chromium	7440-47-3	mg/L	3/8/2012	ND	
MW-57	d	Chromium	7440-47-3	mg/L	3/8/2012	ND	
MW-58	d	Chromium	7440-47-3	mg/L	3/8/2012	ND	
GU-3A	d	Chromium	7440-47-3	mg/L	6/13/2012	ND	
MW-29	d	Chromium	7440-47-3	mg/L	6/13/2012	ND	
MW-30R	d	Chromium	7440-47-3	mg/L	6/13/2012	ND	
MW-31R	d	Chromium	7440-47-3	mg/L	6/13/2012	ND	
MW-32R	d	Chromium	7440-47-3	mg/L	6/13/2012	ND	
MW-33R	d	Chromium	7440-47-3	mg/L	6/13/2012	ND	
MW-50	d	Chromium	7440-47-3	mg/L	6/13/2012	ND	
MW-50	d	Chromium	7440-47-3	mg/L	6/13/2012	ND	
MW-51	d	Chromium	7440-47-3	mg/L	6/13/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-52	d	Chromium	7440-47-3	mg/L	6/13/2012	ND	
MW-53	d	Chromium	7440-47-3	mg/L	6/13/2012	ND	
MW-54	d	Chromium	7440-47-3	mg/L	6/13/2012	ND	
GU-3A	d	Chromium	7440-47-3	mg/L	9/4/2012	ND	
MW-20	d	Chromium	7440-47-3	mg/L	9/4/2012	ND	
MW-21	d	Chromium	7440-47-3	mg/L	9/4/2012	ND	
MW-22R	d	Chromium	7440-47-3	mg/L	9/4/2012	ND	
MW-23	u	Chromium	7440-47-3	mg/L	9/4/2012	ND	
MW-50	d	Chromium	7440-47-3	mg/L	9/4/2012	ND	
MW-51	d	Chromium	7440-47-3	mg/L	9/4/2012	ND	
MW-52	d	Chromium	7440-47-3	mg/L	9/4/2012	ND	
MW-53	d	Chromium	7440-47-3	mg/L	9/4/2012	ND	
MW-54	d	Chromium	7440-47-3	mg/L	9/4/2012	ND	
MW-54	d	Chromium	7440-47-3	mg/L	9/4/2012	ND	
MW-57	d	Chromium	7440-47-3	mg/L	9/4/2012	ND	
MW-58	d	Chromium	7440-47-3	mg/L	9/4/2012	ND	
MW-14R	d	Chromium	7440-47-3	mg/L	12/19/2012	ND	
MW-19	d	Chromium	7440-47-3	mg/L	12/19/2012	ND	
MW-28	d	Chromium	7440-47-3	mg/L	12/19/2012	ND	
MW-29	d	Chromium	7440-47-3	mg/L	12/19/2012	ND	
MW-30R	d	Chromium	7440-47-3	mg/L	12/19/2012	ND	
MW-31R	d	Chromium	7440-47-3	mg/L	12/19/2012	ND	
MW-32R	d	Chromium	7440-47-3	mg/L	12/19/2012	ND	
MW-33R	d	Chromium	7440-47-3	mg/L	12/19/2012	ND	
MW-33R	d	Chromium	7440-47-3	mg/L	12/19/2012	ND	
MW-39	d	Chromium	7440-47-3	mg/L	12/19/2012	ND	
MW-55	d	Chromium	7440-47-3	mg/L	12/19/2012	ND	
MW-56	d	Chromium	7440-47-3	mg/L	12/19/2012	ND	
MW-14R	d	Chromium	7440-47-3	mg/L	3/11/2013	ND	
MW-19	d	Chromium	7440-47-3	mg/L	3/11/2013	ND	
MW-23	u	Chromium	7440-47-3	mg/L	3/11/2013	ND	
MW-28	d	Chromium	7440-47-3	mg/L	3/11/2013	ND	
MW-39	d	Chromium	7440-47-3	mg/L	3/11/2013	ND	
MW-50	d	Chromium	7440-47-3	mg/L	3/11/2013	ND	
MW-50	d	Chromium	7440-47-3	mg/L	3/11/2013	ND	
MW-51	d	Chromium	7440-47-3	mg/L	3/11/2013	ND	
MW-52	d	Chromium	7440-47-3	mg/L	3/11/2013	ND	
MW-53	d	Chromium	7440-47-3	mg/L	3/11/2013	ND	
MW-54	d	Chromium	7440-47-3	mg/L	3/11/2013	ND	
MW-55	d	Chromium	7440-47-3	mg/L	3/11/2013	ND	
MW-56	d	Chromium	7440-47-3	mg/L	3/11/2013	ND	
MW-20	d	Chromium	7440-47-3	mg/L	6/10/2013	ND	
MW-20	d	Chromium	7440-47-3	mg/L	6/10/2013	ND	
MW-21	d	Chromium	7440-47-3	mg/L	6/10/2013	ND	
MW-22R	d	Chromium	7440-47-3	mg/L	6/10/2013	ND	
MW-29	d	Chromium	7440-47-3	mg/L	6/10/2013	ND	
MW-30R	d	Chromium	7440-47-3	mg/L	6/10/2013	ND	
MW-31R	d	Chromium	7440-47-3	mg/L	6/10/2013	ND	
MW-32R	d	Chromium	7440-47-3	mg/L	6/10/2013	ND	
MW-33R	d	Chromium	7440-47-3	mg/L	6/10/2013	ND	
MW-57	d	Chromium	7440-47-3	mg/L	6/10/2013	ND	
MW-58	d	Chromium	7440-47-3	mg/L	6/10/2013	ND	
GU-3A	d	Chromium	7440-47-3	mg/L	9/10/2013	ND	
MW-23	u	Chromium	7440-47-3	mg/L	9/10/2013	ND	
MW-31R	d	Chromium	7440-47-3	mg/L	9/10/2013	ND	
MW-31R	d	Chromium	7440-47-3	mg/L	9/10/2013	J	0.00192
MW-32R	d	Chromium	7440-47-3	mg/L	9/10/2013	J	0.0015
MW-33R	d	Chromium	7440-47-3	mg/L	9/10/2013	ND	
MW-50	d	Chromium	7440-47-3	mg/L	9/10/2013	J	0.00401
MW-51	d	Chromium	7440-47-3	mg/L	9/10/2013	ND	
MW-52	d	Chromium	7440-47-3	mg/L	9/10/2013	J	0.00229
MW-53	d	Chromium	7440-47-3	mg/L	9/10/2013	ND	
MW-54	d	Chromium	7440-47-3	mg/L	9/10/2013	J	0.00218
MW-14R	d	Chromium	7440-47-3	mg/L	12/18/2013	ND	
MW-18	d	Chromium	7440-47-3	mg/L	12/18/2013	ND	
MW-19	d	Chromium	7440-47-3	mg/L	12/18/2013	ND	
MW-20	d	Chromium	7440-47-3	mg/L	12/18/2013	ND	
MW-21	d	Chromium	7440-47-3	mg/L	12/18/2013	ND	
MW-22R	d	Chromium	7440-47-3	mg/L	12/18/2013	ND	
MW-28	d	Chromium	7440-47-3	mg/L	12/18/2013	ND	
MW-30R	d	Chromium	7440-47-3	mg/L	12/18/2013	ND	
MW-39	d	Chromium	7440-47-3	mg/L	12/18/2013	ND	
MW-39	d	Chromium	7440-47-3	mg/L	12/18/2013	ND	
MW-55	d	Chromium	7440-47-3	mg/L	12/18/2013	ND	
MW-18	d	Chromium	7440-47-3	mg/L	3/20/2014	ND	
MW-20	d	Chromium	7440-47-3	mg/L	3/20/2014	ND	
MW-21	d	Chromium	7440-47-3	mg/L	3/20/2014	ND	
MW-21	d	Chromium	7440-47-3	mg/L	3/20/2014	ND	
MW-22R	d	Chromium	7440-47-3	mg/L	3/20/2014	ND	
MW-23	u	Chromium	7440-47-3	mg/L	3/20/2014	ND	
MW-30R	d	Chromium	7440-47-3	mg/L	3/20/2014	ND	
MW-31R	d	Chromium	7440-47-3	mg/L	3/20/2014	ND	
MW-32R	d	Chromium	7440-47-3	mg/L	3/20/2014	ND	
MW-33R	d	Chromium	7440-47-3	mg/L	3/20/2014	J	0.0166
MW-14R	d	Chromium	7440-47-3	mg/L	6/24/2014	ND	
MW-14R	d	Chromium	7440-47-3	mg/L	6/24/2014	ND	
MW-18	d	Chromium	7440-47-3	mg/L	6/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	Chromium	7440-47-3	mg/L	6/24/2014	ND	
MW-28	d	Chromium	7440-47-3	mg/L	6/24/2014	ND	
MW-39	d	Chromium	7440-47-3	mg/L	6/24/2014	ND	
MW-50	d	Chromium	7440-47-3	mg/L	6/24/2014	ND	
MW-51	d	Chromium	7440-47-3	mg/L	6/24/2014	ND	
MW-52	d	Chromium	7440-47-3	mg/L	6/24/2014	ND	
MW-53	d	Chromium	7440-47-3	mg/L	6/24/2014	ND	
MW-54	d	Chromium	7440-47-3	mg/L	6/24/2014	ND	
MW-55	d	Chromium	7440-47-3	mg/L	6/24/2014	ND	
MW-58	d	Chromium	7440-47-3	mg/L	6/24/2014	ND	
MW-29	d	Chromium	7440-47-3	mg/L	7/24/2014	ND	
MW-56	d	Chromium	7440-47-3	mg/L	7/24/2014	ND	
MW-57	d	Chromium	7440-47-3	mg/L	7/24/2014	ND	
GU-3A	d	Chromium	7440-47-3	mg/L	9/24/2014	ND	
MW-18	d	Chromium	7440-47-3	mg/L	9/24/2014	ND	
MW-23	u	Chromium	7440-47-3	mg/L	9/24/2014	ND	
MW-24R	u	Chromium	7440-47-3	mg/L	9/24/2014	ND	
MW-29	d	Chromium	7440-47-3	mg/L	9/24/2014	ND	
MW-30R	d	Chromium	7440-47-3	mg/L	9/24/2014	ND	
MW-31R	d	Chromium	7440-47-3	mg/L	9/24/2014	ND	
MW-31R	d	Chromium	7440-47-3	mg/L	9/24/2014	ND	
MW-32R	d	Chromium	7440-47-3	mg/L	9/24/2014	ND	
MW-33R	d	Chromium	7440-47-3	mg/L	9/24/2014	ND	
MW-50	d	Chromium	7440-47-3	mg/L	9/24/2014	ND	
MW-51	d	Chromium	7440-47-3	mg/L	9/24/2014	ND	
MW-52	d	Chromium	7440-47-3	mg/L	9/24/2014	ND	
MW-53	d	Chromium	7440-47-3	mg/L	9/24/2014	ND	
MW-54	d	Chromium	7440-47-3	mg/L	9/24/2014	ND	
MW-14R	d	Chromium	7440-47-3	mg/L	12/4/2014	ND	
MW-18	d	Chromium	7440-47-3	mg/L	12/4/2014	ND	
MW-19	d	Chromium	7440-47-3	mg/L	12/4/2014	ND	
MW-20	d	Chromium	7440-47-3	mg/L	12/4/2014	ND	
MW-21	d	Chromium	7440-47-3	mg/L	12/4/2014	ND	
MW-22R	d	Chromium	7440-47-3	mg/L	12/4/2014	ND	
MW-28	d	Chromium	7440-47-3	mg/L	12/4/2014	ND	
MW-39	d	Chromium	7440-47-3	mg/L	12/4/2014	ND	
MW-56	d	Chromium	7440-47-3	mg/L	12/4/2014	ND	
MW-57	d	Chromium	7440-47-3	mg/L	12/4/2014	ND	
MW-57	d	Chromium	7440-47-3	mg/L	12/4/2014	ND	
MW-58	d	Chromium	7440-47-3	mg/L	12/4/2014	J	0.00389
MW-14R	d	Chromium	7440-47-3	mg/L	3/11/2015	ND	
MW-18	d	Chromium	7440-47-3	mg/L	3/11/2015	ND	
MW-19	d	Chromium	7440-47-3	mg/L	3/11/2015	ND	
MW-20	d	Chromium	7440-47-3	mg/L	3/11/2015	ND	
MW-21	d	Chromium	7440-47-3	mg/L	3/11/2015	ND	
MW-22R	d	Chromium	7440-47-3	mg/L	3/11/2015	J	0.00152
MW-23	u	Chromium	7440-47-3	mg/L	3/11/2015	ND	
MW-24R	u	Chromium	7440-47-3	mg/L	3/11/2015	ND	
MW-28	d	Chromium	7440-47-3	mg/L	3/11/2015	ND	
MW-39	d	Chromium	7440-47-3	mg/L	3/11/2015	ND	
MW-55	d	Chromium	7440-47-3	mg/L	3/11/2015	ND	
MW-56	d	Chromium	7440-47-3	mg/L	3/11/2015	ND	
MW-57	d	Chromium	7440-47-3	mg/L	3/11/2015	ND	
MW-58	d	Chromium	7440-47-3	mg/L	3/11/2015	ND	
MW-58	d	Chromium	7440-47-3	mg/L	3/11/2015	ND	
MW-29	d	Chromium	7440-47-3	mg/L	6/29/2015	ND	
MW-30R	d	Chromium	7440-47-3	mg/L	6/29/2015	ND	
MW-31R	d	Chromium	7440-47-3	mg/L	6/29/2015	ND	
MW-31R	d	Chromium	7440-47-3	mg/L	6/29/2015	ND	
MW-32R	d	Chromium	7440-47-3	mg/L	6/29/2015	ND	
MW-33R	d	Chromium	7440-47-3	mg/L	6/29/2015	ND	
MW-50	d	Chromium	7440-47-3	mg/L	6/29/2015	J	0.00147
MW-51	d	Chromium	7440-47-3	mg/L	6/29/2015	ND	
MW-52	d	Chromium	7440-47-3	mg/L	6/29/2015	ND	
MW-53	d	Chromium	7440-47-3	mg/L	6/29/2015	ND	
MW-54	d	Chromium	7440-47-3	mg/L	6/29/2015	ND	
GU-3A	d	Chromium	7440-47-3	mg/L	9/22/2015	J	0.00191
MW-14R	d	Chromium	7440-47-3	mg/L	2/15/2016	ND	
MW-14R	d	Chromium	7440-47-3	mg/L	2/15/2016	ND	
MW-18	d	Chromium	7440-47-3	mg/L	2/15/2016	ND	
MW-19	d	Chromium	7440-47-3	mg/L	2/15/2016	ND	
MW-39	d	Chromium	7440-47-3	mg/L	2/15/2016	ND	
MW-20	d	Chromium	7440-47-3	mg/L	2/16/2016	ND	
MW-21	d	Chromium	7440-47-3	mg/L	2/16/2016	ND	
MW-55	d	Chromium	7440-47-3	mg/L	2/16/2016	ND	
MW-56	d	Chromium	7440-47-3	mg/L	2/16/2016	ND	
MW-57	d	Chromium	7440-47-3	mg/L	2/16/2016	ND	
MW-58	d	Chromium	7440-47-3	mg/L	2/16/2016	J	0.00204
MW-22R	d	Chromium	7440-47-3	mg/L	2/17/2016	J	0.00177
MW-23	u	Chromium	7440-47-3	mg/L	2/17/2016	ND	
MW-24R	u	Chromium	7440-47-3	mg/L	2/17/2016	ND	
MW-28	d	Chromium	7440-47-3	mg/L	8/25/2016		0.00762
MW-29	d	Chromium	7440-47-3	mg/L	8/25/2016	J	0.000557
MW-30R	d	Chromium	7440-47-3	mg/L	8/25/2016	J	0.000487
MW-31R	d	Chromium	7440-47-3	mg/L	8/25/2016	J	0.00102
MW-32R	d	Chromium	7440-47-3	mg/L	8/25/2016	J	0.00036
MW-33R	d	Chromium	7440-47-3	mg/L	8/25/2016	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	Chromium	7440-47-3	mg/L	8/25/2016	J	0.0012
MW-51	d	Chromium	7440-47-3	mg/L	8/25/2016	ND	
MW-52	d	Chromium	7440-47-3	mg/L	8/25/2016	ND	
MW-53	d	Chromium	7440-47-3	mg/L	8/25/2016	J	0.000477
MW-54	d	Chromium	7440-47-3	mg/L	8/25/2016	ND	
GU-3A	d	Chromium	7440-47-3	mg/L	8/26/2016	ND	
MW-18	d	Chromium	7440-47-3	mg/L	1/17/2017	ND	
MW-19	d	Chromium	7440-47-3	mg/L	1/17/2017	ND	
MW-22R	d	Chromium	7440-47-3	mg/L	1/17/2017	J	0.00397
MW-23	u	Chromium	7440-47-3	mg/L	1/17/2017	ND	
MW-24R	u	Chromium	7440-47-3	mg/L	1/17/2017	J	0.000548
MW-28	d	Chromium	7440-47-3	mg/L	1/17/2017	ND	
MW-28	d	Chromium	7440-47-3	mg/L	1/17/2017	ND	
MW-39	d	Chromium	7440-47-3	mg/L	1/17/2017	ND	
MW-50	d	Chromium	7440-47-3	mg/L	1/17/2017	J	0.00158
MW-51	d	Chromium	7440-47-3	mg/L	1/17/2017	J	0.000855
MW-53	d	Chromium	7440-47-3	mg/L	1/17/2017	ND	
MW-54	d	Chromium	7440-47-3	mg/L	1/17/2017	ND	
MW-56	d	Chromium	7440-47-3	mg/L	1/17/2017	ND	
GU-3A	d	Chromium	7440-47-3	mg/L	7/10/2017	ND	
MW-14R	d	Chromium	7440-47-3	mg/L	7/10/2017	ND	
MW-20	d	Chromium	7440-47-3	mg/L	7/10/2017	ND	
MW-21	d	Chromium	7440-47-3	mg/L	7/10/2017	ND	
MW-29	d	Chromium	7440-47-3	mg/L	7/10/2017	ND	
MW-30R	d	Chromium	7440-47-3	mg/L	7/10/2017	ND	
MW-31R	d	Chromium	7440-47-3	mg/L	7/10/2017	ND	
MW-32R	d	Chromium	7440-47-3	mg/L	7/10/2017	ND	
MW-32R	d	Chromium	7440-47-3	mg/L	7/10/2017	ND	
MW-33R	d	Chromium	7440-47-3	mg/L	7/10/2017	ND	
MW-57	d	Chromium	7440-47-3	mg/L	7/10/2017	ND	
MW-58	d	Chromium	7440-47-3	mg/L	7/10/2017	ND	
MW-52	d	Chromium	7440-47-3	mg/L	10/17/2017	J	0.00103
MW-55	d	Chromium	7440-47-3	mg/L	10/17/2017	ND	
GU-3A	d	Chromium	7440-47-3	mg/L	4/3/2018		0.00635
GU-3A	d	Chromium	7440-47-3	mg/L	4/3/2018	J	0.00481
MW-20	d	Chromium	7440-47-3	mg/L	4/3/2018	ND	
MW-21	d	Chromium	7440-47-3	mg/L	4/3/2018	ND	
MW-30R	d	Chromium	7440-47-3	mg/L	4/3/2018	J	0.00105
MW-31R	d	Chromium	7440-47-3	mg/L	4/3/2018	ND	
MW-32R	d	Chromium	7440-47-3	mg/L	4/3/2018	J	0.0019
MW-33R	d	Chromium	7440-47-3	mg/L	4/3/2018	J	0.00306
MW-33R	d	Chromium	7440-47-3	mg/L	4/3/2018	J	0.00401
MW-23	u	Chromium	7440-47-3	mg/L	11/1/2018	ND	
MW-24R	u	Chromium	7440-47-3	mg/L	11/1/2018	ND	
MW-39	d	Chromium	7440-47-3	mg/L	11/1/2018	ND	
MW-50	d	Chromium	7440-47-3	mg/L	11/1/2018	J	0.00134
MW-51	d	Chromium	7440-47-3	mg/L	11/1/2018	ND	
MW-52	d	Chromium	7440-47-3	mg/L	11/1/2018	J	0.00111
MW-53	d	Chromium	7440-47-3	mg/L	11/1/2018	ND	
MW-54	d	Chromium	7440-47-3	mg/L	11/1/2018	ND	
MW-55	d	Chromium	7440-47-3	mg/L	11/1/2018	ND	
MW-18	d	Chromium	7440-47-3	mg/L	11/2/2018	ND	
MW-19	d	Chromium	7440-47-3	mg/L	11/2/2018	ND	
MW-22R	d	Chromium	7440-47-3	mg/L	11/2/2018	J	0.00166
MW-28	d	Chromium	7440-47-3	mg/L	11/2/2018	ND	
MW-56	d	Chromium	7440-47-3	mg/L	11/2/2018	ND	
MW-18	d	Chromium	7440-47-3	mg/L	5/16/2019	ND	
MW-19	d	Chromium	7440-47-3	mg/L	5/16/2019	ND	
MW-28	d	Chromium	7440-47-3	mg/L	5/16/2019	ND	
MW-55	d	Chromium	7440-47-3	mg/L	5/16/2019	ND	
MW-50	d	Chromium	7440-47-3	mg/L	5/20/2019	ND	
MW-51	d	Chromium	7440-47-3	mg/L	5/20/2019	ND	
MW-52	d	Chromium	7440-47-3	mg/L	5/20/2019	ND	
MW-54	d	Chromium	7440-47-3	mg/L	5/20/2019	ND	
MW-56	d	Chromium	7440-47-3	mg/L	5/20/2019	ND	
MW-53	d	Chromium	7440-47-3	mg/L	5/21/2019	ND	
MW-14R	d	Chromium	7440-47-3	mg/L	9/11/2019	ND	
MW-29	d	Chromium	7440-47-3	mg/L	9/11/2019	ND	
MW-33R	d	Chromium	7440-47-3	mg/L	9/11/2019	ND	
MW-58	d	Chromium	7440-47-3	mg/L	9/11/2019	ND	
GU-3A	d	Chromium	7440-47-3	mg/L	3/16/2020	J	0.00212
MW-33R	d	Chromium	7440-47-3	mg/L	3/16/2020	ND	
MW-19	d	Chromium	7440-47-3	mg/L	7/20/2020	ND	
MW-28	d	Chromium	7440-47-3	mg/L	7/20/2020	ND	
MW-51	d	Chromium	7440-47-3	mg/L	7/20/2020	ND	
MW-55	d	Chromium	7440-47-3	mg/L	7/20/2020	ND	
MW-56	d	Chromium	7440-47-3	mg/L	7/20/2020	ND	
MW-57R	d	Chromium	7440-47-3	mg/L	7/20/2020	ND	
MW-73	d	Chromium	7440-47-3	mg/L	7/20/2020	ND	
MW-18	d	Chromium	7440-47-3	mg/L	7/21/2020	ND	
MW-50	d	Chromium	7440-47-3	mg/L	7/21/2020	J	0.00138
MW-52	d	Chromium	7440-47-3	mg/L	7/21/2020	ND	
MW-53	d	Chromium	7440-47-3	mg/L	7/21/2020	ND	
MW-54	d	Chromium	7440-47-3	mg/L	7/21/2020	ND	
MW-55	d	Chromium	7440-47-3	mg/L	11/12/2020	ND	
MW-32R	d	Chromium	7440-47-3	mg/L	8/24/2021		<0.00500
MW-33R	d	Chromium	7440-47-3	mg/L	8/24/2021		<0.00500

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	Chromium	7440-47-3	mg/L	8/24/2021		<0.00500
MW-31R	d	Chromium	7440-47-3	mg/L	8/24/2021		<0.00500
MW-29	d	Chromium	7440-47-3	mg/L	8/25/2021	J	0.00112
MW-58	d	Chromium	7440-47-3	mg/L	8/25/2021		<0.00500
MW-30R	d	Chromium	7440-47-3	mg/L	8/25/2021		<0.00500
MW-57R	d	Chromium	7440-47-3	mg/L	8/26/2021		<0.00500
MW-73	d	Chromium	7440-47-3	mg/L	8/27/2021		<0.00500
GU-3A	d	Chromium	7440-47-3	mg/L	9/8/2021		<0.00500
MW-24R	u	Chromium	7440-47-3	mg/L	12/7/2021		<0.00500
MW-28	d	Chromium	7440-47-3	mg/L	12/7/2021		<0.00500
MW-57R	d	Chromium	7440-47-3	mg/L	12/7/2021		<0.00500
MW-73	d	Chromium	7440-47-3	mg/L	12/7/2021		<0.00500
MW-56	d	Chromium	7440-47-3	mg/L	12/7/2021		<0.00500
MW-19	d	Chromium	7440-47-3	mg/L	12/7/2021		<0.00500
MW-18	d	Chromium	7440-47-3	mg/L	12/7/2021		<0.00500
MW-55	d	Chromium	7440-47-3	mg/L	12/7/2021		<0.00500
MW-50	d	Chromium	7440-47-3	mg/L	12/7/2021		<0.00500
MW-23	u	Chromium	7440-47-3	mg/L	12/8/2021		<0.00500
MW-39	d	Chromium	7440-47-3	mg/L	12/8/2021		<0.00500
MW-51	d	Chromium	7440-47-3	mg/L	12/8/2021		<0.00500
MW-52	d	Chromium	7440-47-3	mg/L	12/8/2021		<0.00500
MW-53	d	Chromium	7440-47-3	mg/L	12/8/2021		<0.00500
MW-54	d	Chromium	7440-47-3	mg/L	12/8/2021		<0.00500
MW-39	d	Chrysene	218-01-9	ug/L	3/11/2013	ND	
MW-31R	d	Chrysene	218-01-9	ug/L	9/10/2013	ND	
MW-32R	d	Chrysene	218-01-9	ug/L	9/10/2013	ND	
MW-18	d	Chrysene	218-01-9	ug/L	12/18/2013	ND	
MW-20	d	Chrysene	218-01-9	ug/L	12/18/2013	ND	
MW-21	d	Chrysene	218-01-9	ug/L	12/18/2013	ND	
MW-22R	d	Chrysene	218-01-9	ug/L	12/18/2013	ND	
MW-30R	d	Chrysene	218-01-9	ug/L	12/18/2013	ND	
MW-18	d	Chrysene	218-01-9	ug/L	6/24/2014	ND	
MW-29	d	Chrysene	218-01-9	ug/L	7/24/2014	ND	
MW-57	d	Chrysene	218-01-9	ug/L	7/24/2014	ND	
MW-58	d	Chrysene	218-01-9	ug/L	7/24/2014	ND	
MW-33R	d	Chrysene	218-01-9	ug/L	9/24/2014	ND	
MW-50	d	Chrysene	218-01-9	ug/L	9/24/2014	ND	
MW-51	d	Chrysene	218-01-9	ug/L	9/24/2014	ND	
MW-52	d	Chrysene	218-01-9	ug/L	9/24/2014	ND	
MW-53	d	Chrysene	218-01-9	ug/L	9/24/2014	ND	
MW-54	d	Chrysene	218-01-9	ug/L	9/24/2014	ND	
MW-14R	d	Chrysene	218-01-9	ug/L	12/4/2014	ND	
MW-19	d	Chrysene	218-01-9	ug/L	12/4/2014	ND	
MW-28	d	Chrysene	218-01-9	ug/L	12/4/2014	ND	
MW-56	d	Chrysene	218-01-9	ug/L	12/4/2014	ND	
MW-55	d	Chrysene	218-01-9	ug/L	3/11/2015	ND	
MW-20	d	Chrysene	218-01-9	ug/L	4/3/2018	ND	
MW-21	d	Chrysene	218-01-9	ug/L	4/3/2018	ND	
MW-30R	d	Chrysene	218-01-9	ug/L	4/3/2018	ND	
MW-31R	d	Chrysene	218-01-9	ug/L	4/3/2018	ND	
MW-32R	d	Chrysene	218-01-9	ug/L	4/3/2018	ND	
MW-39	d	Chrysene	218-01-9	ug/L	11/1/2018	ND	
MW-22R	d	Chrysene	218-01-9	ug/L	11/2/2018	ND	
MW-18	d	Chrysene	218-01-9	ug/L	5/16/2019	ND	
MW-19	d	Chrysene	218-01-9	ug/L	5/16/2019	ND	
MW-28	d	Chrysene	218-01-9	ug/L	5/16/2019	ND	
MW-50	d	Chrysene	218-01-9	ug/L	5/20/2019	ND	
MW-51	d	Chrysene	218-01-9	ug/L	5/20/2019	ND	
MW-52	d	Chrysene	218-01-9	ug/L	5/20/2019	ND	
MW-53	d	Chrysene	218-01-9	ug/L	5/20/2019	ND	
MW-54	d	Chrysene	218-01-9	ug/L	5/20/2019	ND	
MW-56	d	Chrysene	218-01-9	ug/L	5/20/2019	ND	
MW-14R	d	Chrysene	218-01-9	ug/L	9/11/2019	ND	
MW-29	d	Chrysene	218-01-9	ug/L	9/11/2019	ND	
MW-33R	d	Chrysene	218-01-9	ug/L	9/11/2019	ND	
MW-58	d	Chrysene	218-01-9	ug/L	9/11/2019	ND	
MW-55	d	Chrysene	218-01-9	ug/L	11/12/2020	ND	
MW-51	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/15/2010		2.73
MW-24R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	2/11/2010	ND	
MW-53	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/11/2010		3.69
GU-3A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/24/2010	ND	
MW-20	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/24/2010	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/24/2010	ND	
MW-22R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/24/2010	ND	
MW-52	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/24/2010	ND	
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/24/2010	ND	
MW-55	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/24/2010	ND	
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2010	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2010	ND	
MW-50	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2010	ND	
MW-56	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2010	ND	
MW-57	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2010	ND	
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2010	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/18/2010	ND	
MW-53	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/18/2010		4.29
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/17/2010	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/17/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/17/2010		20.8
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/17/2010		67
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/17/2010	ND	
MW-51	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/17/2010		2.99
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/21/2010	ND	
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/21/2010	ND	
MW-20	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/17/2010	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/17/2010		9.66
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/17/2010	ND	
MW-51	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/17/2010		3.73
GU-3A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/17/2010	ND	
MW-22R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/17/2010	ND	
MW-55	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/17/2010	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/22/2010	ND	
MW-24R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/22/2010	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/22/2010		59.8
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/22/2010	ND	
MW-50	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/22/2010	ND	
MW-53	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/22/2010		3.71
MW-56	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/22/2010	ND	
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/22/2010	ND	
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/8/2010	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/8/2010	ND	
MW-57	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/8/2010	ND	
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/15/2010	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/15/2010	ND	
MW-52	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/15/2010	ND	
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/12/2011	ND	
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/12/2011	ND	
MW-20	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/22/2011	ND	
MW-22R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/22/2011	ND	
MW-51	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/22/2011		1.79
MW-52	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/22/2011	ND	
MW-53	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/22/2011		4.09
MW-55	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/22/2011	ND	
GU-3A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/2/2011	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/2/2011	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/2/2011	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/21/2011		24.2
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/21/2011		77
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/21/2011	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/21/2011	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/21/2011	ND	
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/31/2011	ND	
MW-56	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/31/2011	ND	
MW-57	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/31/2011	ND	
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/31/2011	ND	
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/7/2011	ND	
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/7/2011	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/7/2011	ND	
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/7/2011	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/7/2011	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/7/2011	ND	
MW-50	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/7/2011	ND	
MW-52	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/22/2011	ND	
MW-56	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/22/2011	ND	
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/22/2011	ND	
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/29/2011	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/29/2011	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/29/2011	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/29/2011	ND	
GU-3A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/9/2011	ND	
MW-22R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/9/2011	ND	
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/9/2011	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/9/2011		23.1
MW-51	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/9/2011		3.86
MW-53	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/9/2011		4.46
MW-53	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/9/2011		4.26
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2011	ND	
MW-50	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2011	ND	
MW-50	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2011	ND	
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2011	ND	
MW-57	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2011	ND	
MW-20	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/29/2011	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/29/2011		71.2
MW-52	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/29/2011	ND	
MW-55	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/29/2011	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/16/2011	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/16/2011	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/16/2011	ND	
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/8/2012	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/8/2012	ND	
MW-20	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/8/2012	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/8/2012	ND	
MW-22R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/8/2012	ND	
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/8/2012	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/8/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-55	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/8/2012	ND	
MW-56	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/8/2012	ND	
MW-57	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/8/2012	ND	
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/8/2012	ND	
GU-3A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/13/2012	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/13/2012		16.1
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/13/2012		85.5
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/13/2012	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/13/2012	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/13/2012	ND	
MW-50	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/13/2012	ND	
MW-50	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/13/2012	ND	
MW-51	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/13/2012		3.36
MW-52	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/13/2012	ND	
MW-53	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/13/2012		4.16
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/13/2012	ND	
GU-3A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/4/2012	ND	
MW-20	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/4/2012	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/4/2012	ND	
MW-22R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/4/2012	ND	
MW-50	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/4/2012	ND	
MW-51	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/4/2012		3.77
MW-52	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/4/2012	ND	
MW-53	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/4/2012		3.54
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/4/2012	ND	
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/4/2012	ND	
MW-57	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/4/2012	ND	
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/4/2012	ND	
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/19/2012	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/19/2012	ND	
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/19/2012	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/19/2012		14.1
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/19/2012		77.9
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/19/2012	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/19/2012	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/19/2012	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/19/2012	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/19/2012	ND	
MW-55	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/19/2012	ND	
MW-56	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/19/2012	ND	
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/11/2013	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/11/2013	ND	
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/11/2013	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/11/2013	ND	
MW-50	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/11/2013	ND	
MW-50	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/11/2013	ND	
MW-51	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/11/2013		2.01
MW-52	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/11/2013	ND	
MW-53	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/11/2013		3.75
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/11/2013	ND	
MW-55	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/11/2013	ND	
MW-56	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/11/2013	ND	
MW-20	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/10/2013	ND	
MW-20	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/10/2013	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/10/2013	ND	
MW-22R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/10/2013	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/10/2013		11.3
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/10/2013		72
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/10/2013	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/10/2013	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/10/2013	ND	
MW-57	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/10/2013	ND	
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/10/2013	ND	
GU-3A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/10/2013	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/10/2013	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/10/2013	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/10/2013	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/10/2013	ND	
MW-50	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/10/2013	ND	
MW-51	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/10/2013		4.5
MW-52	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/10/2013	ND	
MW-53	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/10/2013		3.21
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/10/2013	ND	
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/18/2013	J	0.272
MW-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/18/2013	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/18/2013	ND	
MW-20	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/18/2013	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/18/2013	ND	
MW-22R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/18/2013	ND	
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/18/2013	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/18/2013		91.6
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/18/2013	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/18/2013	ND	
MW-55	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/18/2013	ND	
MW-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/20/2014	ND	
MW-20	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/20/2014	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/20/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/20/2014	ND	
MW-22R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/20/2014	ND	
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/20/2014		72.8
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/20/2014	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/20/2014	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/20/2014	ND	
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/24/2014	J	0.87
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/24/2014		1.1
MW-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/24/2014	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/24/2014	ND	
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/24/2014	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/24/2014	ND	
MW-50	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/24/2014	ND	
MW-51	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/24/2014		4.01
MW-52	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/24/2014	ND	
MW-53	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/24/2014		3.7
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/24/2014	ND	
MW-55	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/24/2014	ND	
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/24/2014	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/24/2014		10.7
MW-56	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/24/2014	J	0.136
MW-57	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/24/2014	J	0.265
GU-3A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/24/2014	ND	
MW-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/24/2014	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/24/2014		6.04
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/24/2014		66
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/24/2014	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/24/2014	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/24/2014	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/24/2014	ND	
MW-50	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/24/2014	ND	
MW-51	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/24/2014		5.05
MW-52	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/24/2014	ND	
MW-53	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/24/2014		3.04
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/24/2014	ND	
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/4/2014	J	0.936
MW-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/4/2014	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/4/2014	ND	
MW-20	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/4/2014	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/4/2014	ND	
MW-22R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/4/2014	ND	
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/4/2014	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/4/2014	ND	
MW-56	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/4/2014	J	0.249
MW-57	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/4/2014	J	0.252
MW-57	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/4/2014	J	0.253
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/4/2014	ND	
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/11/2015	J	0.526
MW-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/11/2015	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/11/2015	ND	
MW-20	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/11/2015	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/11/2015	ND	
MW-22R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/11/2015	ND	
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/11/2015	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/11/2015	ND	
MW-55	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/11/2015	ND	
MW-56	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/11/2015	ND	
MW-57	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/11/2015	J	0.259
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/11/2015	ND	
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/11/2015	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/29/2015		12.3
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/29/2015		48.7
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/29/2015	ND	
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/29/2015	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/29/2015	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/29/2015	ND	
MW-50	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/29/2015	ND	
MW-51	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/29/2015		5.9
MW-52	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/29/2015	ND	
MW-53	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/29/2015		3.25
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/29/2015	ND	
MW-68	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/30/2015		13.8
MW-69	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/30/2015		7.12
PZ-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/1/2015	J	0.547
GU-3A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/22/2015	ND	
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/22/2015	ND	
MW-20	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/22/2015	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/22/2015	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/22/2015		11.9
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/22/2015		64.4
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/22/2015	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/22/2015	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/22/2015	ND	
MW-52	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/22/2015	ND	
MW-53	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/22/2015		2.88
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/22/2015	ND	
MW-57	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/22/2015	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/22/2015	ND	
MW-68	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/24/2015		6.1
MW-69	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/24/2015		11.7
PZ-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/25/2015	J	0.874
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2016	J	0.309
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2016	J	0.323
MW-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2016	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2016	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2016		10.4
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2016		61.7
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2016	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2016	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2016	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2016	ND	
MW-20	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/16/2016	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/16/2016	ND	
MW-34	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/16/2016	ND	
MW-55	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/16/2016	ND	
MW-56	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/16/2016	ND	
MW-57	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/16/2016	J	0.331
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/16/2016	ND	
MW-68	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/16/2016		5.34
MW-69	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/16/2016		12.2
PZ-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/16/2016	J	0.136
MW-22R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/17/2016	ND	
MW-53	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/17/2016		2.48
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/17/2016	ND	
MW-63	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/17/2016	ND	
MW-64	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/17/2016		2.84
PZ-11	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/17/2016	ND	
MW-52	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/4/2016	ND	
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/25/2016	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/25/2016		6.87
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/25/2016		60.7
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/25/2016	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/25/2016	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/25/2016	ND	
MW-50	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/25/2016	ND	
MW-51	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/25/2016		7.52
MW-52	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/25/2016	ND	
MW-53	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/25/2016		2.89
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/25/2016	ND	
MW-68	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/25/2016		6.86
GU-3A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/26/2016	ND	
MW-69	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/26/2016		13
MW-70	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/26/2016	ND	
PZ-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/26/2016	J	0.256
MW-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/17/2017	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/17/2017	ND	
MW-22R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/17/2017	ND	
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/17/2017	ND	
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/17/2017	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/17/2017	ND	
MW-50	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/17/2017	ND	
MW-51	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/17/2017		6.25
MW-53	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/17/2017		2.14
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/17/2017	ND	
MW-56	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/17/2017	ND	
GU-3A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2017	ND	
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2017	J	0.185
MW-20	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2017	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2017	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2017		10.2
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2017		47.1
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2017	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2017	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2017	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2017	ND	
MW-57	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2017	J	0.307
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2017	J	0.17
MW-68	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2017		6.4
MW-69	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2017		13.5
MW-70	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2017	ND	
PZ-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2017	J	0.635
MW-52	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2017	ND	
MW-55	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2017	ND	
GU-3A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018	ND	
GU-3A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018	ND	
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018		1.11
MW-20	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018	ND	
MW-21	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018	ND	
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018		9.96
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018		55.3
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018	ND	
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018	J	0.374
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018	ND	
MW-68	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018		5.9
MW-69	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018		11.3
MW-70	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018	ND	
PZ-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018	J	0.304
SW-104	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018	ND	
SW-105	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018	ND	
SW-107	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018	ND	
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/1/2018	ND	
MW-50	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/1/2018	ND	
MW-51	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/1/2018		8.98
MW-52	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/1/2018	ND	
MW-53	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/1/2018		1.75
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/1/2018	ND	
MW-55	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/1/2018	ND	
MW-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/2/2018	NDF2	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/2/2018	ND	
MW-22R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/2/2018	ND	
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/2/2018	ND	
MW-56	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/2/2018	NDH	
MW-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/16/2019	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/16/2019	ND	
MW-23	u	cis-1,2-Dichloroethene	156-59-2	ug/L	5/16/2019	ND	
MW-24R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	5/16/2019	ND	
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/16/2019	ND	
MW-55	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/16/2019	ND	
MW-50	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/20/2019	ND	
MW-51	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/20/2019		9.07
MW-52	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/20/2019	ND	
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/20/2019	ND	
MW-56	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/20/2019	ND	
MW-53	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/21/2019		2.36
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/11/2019		1.26
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/11/2019		13.7
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/11/2019		55.3
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/11/2019	ND	
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/11/2019	ND	
MW-68	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/13/2019		74
MW-69	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/13/2019		9.33
MW-70	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/13/2019	ND	
PZ-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/13/2019	J	0.437
GU-3A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/16/2020	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/16/2020	ND	
MW-68	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/16/2020		5.79
MW-69	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/16/2020		6.72
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/17/2020		4.71
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/17/2020		10
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/17/2020		51
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/17/2020	ND	
MW-70	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/17/2020	ND	
PZ-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/17/2020	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/20/2020	ND	
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/20/2020	ND	
MW-51	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/20/2020		9.2
MW-55	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/20/2020	ND	
MW-56	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/20/2020	ND	
MW-57R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/20/2020	ND	
MW-73	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/20/2020	ND	
MW-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/21/2020	ND	
MW-50	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/21/2020	ND	
MW-52	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/21/2020	ND	
MW-53	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/21/2020		1.42
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/21/2020	ND	
MW-23	u	cis-1,2-Dichloroethene	156-59-2	ug/L	7/22/2020	ND	
MW-24R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	7/22/2020	ND	
MW-55	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/12/2020	ND	
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/24/2021		<1.00
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/24/2021		2.12
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/25/2021		10.9
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/25/2021		<1.00
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/25/2021		72.3
MW-68	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/25/2021		5.5
MW-69	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/25/2021		8.99
MW-70	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/26/2021		<1.00
MW-57R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/26/2021		<1.00
PZ-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/27/2021	J	0.441
MW-73	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/27/2021		<1.00
GU-3A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/8/2021		<1.00
MW-24R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	12/7/2021		<1.00
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/7/2021		<1.00
MW-57R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/7/2021		<1.00
MW-73	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/7/2021	J	0.55
MW-56	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/7/2021		<1.00
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/7/2021		<1.00
MW-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/7/2021		<1.00
MW-55	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/7/2021		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/7/2021		<1.00
MW-23	u	cis-1,2-Dichloroethene	156-59-2	ug/L	12/8/2021		<1.00
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/8/2021		<1.00
MW-51	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/8/2021		8.27
MW-52	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/8/2021		<1.00
MW-53	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/8/2021	J	0.35
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/8/2021		<1.00
MW-51	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/15/2010	ND	
MW-24R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/11/2010	ND	
MW-53	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/11/2010	ND	
GU-3A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/24/2010	ND	
MW-20	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/24/2010	ND	
MW-21	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/24/2010	ND	
MW-22R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/24/2010	ND	
MW-52	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/24/2010	ND	
MW-54	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/24/2010	ND	
MW-55	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/24/2010	ND	
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2010	ND	
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2010	ND	
MW-50	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2010	ND	
MW-56	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2010	ND	
MW-57	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2010	ND	
MW-58	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2010	ND	
MW-32R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/18/2010	ND	
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/17/2010	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/17/2010	ND	
MW-29	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/17/2010	ND	
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/17/2010	ND	
MW-31R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/17/2010	ND	
MW-51	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/17/2010	ND	
MW-21	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/21/2010	ND	
MW-54	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/21/2010	ND	
MW-20	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/17/2010	ND	
MW-29	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/17/2010	ND	
MW-39	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/17/2010	ND	
MW-51	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/17/2010	ND	
GU-3A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/17/2010	ND	
MW-22R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/17/2010	ND	
MW-55	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/17/2010	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/22/2010	ND	
MW-24R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/22/2010	ND	
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/22/2010	ND	
MW-31R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/22/2010	ND	
MW-50	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/22/2010	ND	
MW-53	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/22/2010	ND	
MW-56	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/22/2010	ND	
MW-58	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/22/2010	ND	
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/8/2010	ND	
MW-32R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/8/2010	ND	
MW-57	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/8/2010	ND	
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/15/2010	ND	
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/15/2010	ND	
MW-52	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/15/2010	ND	
MW-54	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/12/2011	ND	
MW-54	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/12/2011	ND	
MW-20	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/22/2011	ND	
MW-22R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/22/2011	ND	
MW-51	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/22/2011	ND	
MW-52	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/22/2011	ND	
MW-53	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/22/2011	ND	
MW-55	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/22/2011	ND	
GU-3A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/2/2011	ND	
MW-21	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/2/2011	ND	
MW-21	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/2/2011	ND	
MW-29	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/21/2011	ND	
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/21/2011	ND	
MW-31R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/21/2011	ND	
MW-31R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/21/2011	ND	
MW-32R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/21/2011	ND	
MW-54	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/31/2011	ND	
MW-56	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/31/2011	ND	
MW-57	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/31/2011	ND	
MW-58	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/31/2011	ND	
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/7/2011	ND	
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/7/2011	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/7/2011	ND	
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/7/2011	ND	
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/7/2011	ND	
MW-39	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/7/2011	ND	
MW-50	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/7/2011	ND	
MW-52	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/22/2011	ND	
MW-56	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/22/2011	ND	
MW-58	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/22/2011	ND	
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/29/2011	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/29/2011	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/29/2011	ND	
MW-32R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/29/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
GU-3A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/9/2011	ND	
MW-22R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/9/2011	ND	
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/9/2011	ND	
MW-29	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/9/2011	ND	
MW-51	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/9/2011	ND	
MW-53	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/9/2011	ND	
MW-53	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/9/2011	ND	
MW-21	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2011	ND	
MW-50	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2011	ND	
MW-50	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2011	ND	
MW-54	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2011	ND	
MW-57	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2011	ND	
MW-20	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/29/2011	ND	
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/29/2011	ND	
MW-52	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/29/2011	ND	
MW-55	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/29/2011	ND	
MW-31R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/16/2011	ND	
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/16/2011	ND	
MW-39	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/16/2011	ND	
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/8/2012	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/8/2012	ND	
MW-20	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/8/2012	ND	
MW-21	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/8/2012	ND	
MW-22R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/8/2012	ND	
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/8/2012	ND	
MW-39	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/8/2012	ND	
MW-55	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/8/2012	ND	
MW-56	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/8/2012	ND	
MW-57	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/8/2012	ND	
MW-58	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/8/2012	ND	
GU-3A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/13/2012	ND	
MW-29	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/13/2012	ND	
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/13/2012	ND	
MW-31R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/13/2012	ND	
MW-32R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/13/2012	ND	
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/13/2012	ND	
MW-50	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/13/2012	ND	
MW-50	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/13/2012	ND	
MW-51	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/13/2012	ND	
MW-52	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/13/2012	ND	
MW-53	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/13/2012	ND	
MW-54	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/13/2012	ND	
GU-3A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/4/2012	ND	
MW-20	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/4/2012	ND	
MW-21	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/4/2012	ND	
MW-22R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/4/2012	ND	
MW-50	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/4/2012	ND	
MW-51	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/4/2012	ND	
MW-52	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/4/2012	ND	
MW-53	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/4/2012	ND	
MW-54	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/4/2012	ND	
MW-54	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/4/2012	ND	
MW-57	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/4/2012	ND	
MW-58	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/4/2012	ND	
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/19/2012	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/19/2012	ND	
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/19/2012	ND	
MW-29	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/19/2012	ND	
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/19/2012	ND	
MW-31R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/19/2012	ND	
MW-32R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/19/2012	ND	
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/19/2012	ND	
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/19/2012	ND	
MW-39	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/19/2012	ND	
MW-55	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/19/2012	ND	
MW-56	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/19/2012	ND	
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/11/2013	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/11/2013	ND	
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/11/2013	ND	
MW-39	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/11/2013	ND	
MW-50	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/11/2013	ND	
MW-50	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/11/2013	ND	
MW-51	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/11/2013	ND	
MW-52	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/11/2013	ND	
MW-53	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/11/2013	ND	
MW-54	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/11/2013	ND	
MW-55	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/11/2013	ND	
MW-56	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/11/2013	ND	
MW-20	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/10/2013	ND	
MW-20	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/10/2013	ND	
MW-21	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/10/2013	ND	
MW-22R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/10/2013	ND	
MW-29	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/10/2013	ND	
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/10/2013	ND	
MW-31R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/10/2013	ND	
MW-32R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/10/2013	ND	
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/10/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/10/2013	ND	
MW-58	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/10/2013	ND	
GU-3A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/10/2013	ND	
MW-31R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/10/2013	ND	
MW-31R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/10/2013	ND	
MW-32R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/10/2013	ND	
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/10/2013	ND	
MW-50	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/10/2013	ND	
MW-51	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/10/2013	ND	
MW-52	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/10/2013	ND	
MW-53	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/10/2013	ND	
MW-54	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/10/2013	ND	
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/18/2013	ND	
MW-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/18/2013	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/18/2013	ND	
MW-20	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/18/2013	ND	
MW-21	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/18/2013	ND	
MW-22R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/18/2013	ND	
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/18/2013	ND	
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/18/2013	ND	
MW-39	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/18/2013	ND	
MW-39	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/18/2013	ND	
MW-55	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/18/2013	ND	
MW-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/20/2014	ND	
MW-20	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/20/2014	ND	
MW-21	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/20/2014	ND	
MW-21	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/20/2014	ND	
MW-22R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/20/2014	ND	
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/20/2014	ND	
MW-31R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/20/2014	ND	
MW-32R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/20/2014	ND	
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/20/2014	ND	
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/24/2014	ND	
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/24/2014	ND	
MW-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/24/2014	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/24/2014	ND	
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/24/2014	ND	
MW-39	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/24/2014	ND	
MW-50	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/24/2014	ND	
MW-51	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/24/2014	ND	
MW-52	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/24/2014	ND	
MW-53	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/24/2014	ND	
MW-54	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/24/2014	ND	
MW-55	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/24/2014	ND	
MW-58	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/24/2014	ND	
MW-29	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/24/2014	ND	
MW-56	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/24/2014	ND	
MW-57	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/24/2014	ND	
GU-3A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/24/2014	ND	
MW-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/24/2014	ND	
MW-29	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/24/2014	ND	
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/24/2014	ND	
MW-31R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/24/2014	ND	
MW-31R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/24/2014	ND	
MW-32R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/24/2014	ND	
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/24/2014	ND	
MW-50	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/24/2014	ND	
MW-51	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/24/2014	ND	
MW-52	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/24/2014	ND	
MW-53	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/24/2014	ND	
MW-54	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/24/2014	ND	
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/4/2014	ND	
MW-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/4/2014	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/4/2014	ND	
MW-20	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/4/2014	ND	
MW-21	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/4/2014	ND	
MW-22R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/4/2014	ND	
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/4/2014	ND	
MW-39	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/4/2014	ND	
MW-56	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/4/2014	ND	
MW-57	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/4/2014	ND	
MW-57	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/4/2014	ND	
MW-58	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/4/2014	ND	
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/11/2015	ND	
MW-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/11/2015	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/11/2015	ND	
MW-20	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/11/2015	ND	
MW-21	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/11/2015	ND	
MW-22R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/11/2015	ND	
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/11/2015	ND	
MW-39	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/11/2015	ND	
MW-55	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/11/2015	ND	
MW-56	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/11/2015	ND	
MW-57	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/11/2015	ND	
MW-58	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/11/2015	ND	
MW-58	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/11/2015	ND	
MW-29	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/29/2015	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/29/2015	ND	
MW-31R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/29/2015	ND	
MW-31R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/29/2015	ND	
MW-32R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/29/2015	ND	
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/29/2015	ND	
MW-50	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/29/2015	ND	
MW-51	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/29/2015	ND	
MW-52	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/29/2015	ND	
MW-53	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/29/2015	ND	
MW-54	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/29/2015	ND	
GU-3A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/22/2015	ND	
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/15/2016	ND	
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/15/2016	ND	
MW-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/15/2016	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/15/2016	ND	
MW-39	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/15/2016	ND	
MW-20	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/16/2016	ND	
MW-21	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/16/2016	ND	
MW-55	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/16/2016	ND	
MW-56	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/16/2016	ND	
MW-57	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/16/2016	ND	
MW-58	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/16/2016	ND	
MW-22R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/17/2016	ND	
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/25/2016	ND	
MW-29	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/25/2016	ND	
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/25/2016	ND	
MW-31R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/25/2016	ND	
MW-32R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/25/2016	ND	
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/25/2016	ND	
MW-50	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/25/2016	ND	
MW-51	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/25/2016	ND	
MW-52	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/25/2016	ND	
MW-53	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/25/2016	ND	
MW-54	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/25/2016	ND	
GU-3A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/26/2016	ND	
MW-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/17/2017	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/17/2017	ND	
MW-22R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/17/2017	ND	
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/17/2017	ND	
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/17/2017	ND	
MW-39	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/17/2017	ND	
MW-50	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/17/2017	ND	
MW-51	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/17/2017	ND	
MW-53	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/17/2017	ND	
MW-54	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/17/2017	ND	
MW-56	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/17/2017	ND	
GU-3A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/10/2017	ND	
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/10/2017	ND	
MW-20	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/10/2017	ND	
MW-21	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/10/2017	ND	
MW-29	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/10/2017	ND	
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/10/2017	ND	
MW-31R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/10/2017	ND	
MW-32R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/10/2017	ND	
MW-32R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/10/2017	ND	
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/10/2017	ND	
MW-57	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/10/2017	ND	
MW-58	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/10/2017	ND	
MW-52	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/17/2017	ND	
MW-55	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/17/2017	ND	
GU-3A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/3/2018	ND	
GU-3A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/3/2018	ND	
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/3/2018	ND	
MW-20	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/3/2018	ND	
MW-21	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/3/2018	ND	
MW-29	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/3/2018	ND	
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/3/2018	ND	
MW-31R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/3/2018	ND	
MW-32R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/3/2018	ND	
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/3/2018	ND	
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/3/2018	ND	
MW-57	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/3/2018	ND	
MW-58	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/3/2018	ND	
MW-39	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/1/2018	ND	
MW-50	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/1/2018	ND	
MW-51	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/1/2018	ND	
MW-52	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/1/2018	ND	
MW-53	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/1/2018	ND	
MW-54	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/1/2018	ND	
MW-55	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/1/2018	ND	
MW-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/2/2018	NDF2	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/2/2018	ND	
MW-22R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/2/2018	ND	
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/2/2018	ND	
MW-56	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/2/2018	NDH	
MW-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/16/2019	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/16/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-23	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/16/2019	ND	
MW-24R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/16/2019	ND	
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/16/2019	ND	
MW-55	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/16/2019	ND	
MW-50	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/20/2019	ND	
MW-51	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/20/2019	ND	
MW-52	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/20/2019	ND	
MW-54	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/20/2019	ND	
MW-56	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/20/2019	ND	
MW-53	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/21/2019	ND	
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/11/2019	ND	
MW-29	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/11/2019	ND	
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/11/2019	ND	
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/11/2019	ND	
MW-58	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/11/2019	ND	
GU-3A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/16/2020	ND	
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/16/2020	ND	
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/17/2020	ND	
MW-29	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/17/2020	ND	
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/17/2020	ND	
MW-58	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/17/2020	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/20/2020	ND	
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/20/2020	ND	
MW-51	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/20/2020	ND	
MW-55	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/20/2020	ND	
MW-56	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/20/2020	ND	
MW-57R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/20/2020	ND	
MW-73	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/20/2020	ND	
MW-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/21/2020	ND	
MW-50	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/21/2020	ND	
MW-52	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/21/2020	ND	
MW-53	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/21/2020	ND	
MW-54	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/21/2020	ND	
MW-23	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/22/2020	ND	
MW-24R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/22/2020	ND	
MW-55	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/12/2020	ND	
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/24/2021		<5.00
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/24/2021		<5.00
MW-29	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/25/2021		<5.00
MW-58	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/25/2021		<5.00
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/25/2021		<5.00
MW-68	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/25/2021		<5.00
MW-69	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/25/2021		<5.00
MW-70	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/26/2021		<5.00
MW-57R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/26/2021		<5.00
PZ-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/27/2021		<5.00
MW-73	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/27/2021		<5.00
GU-3A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/8/2021		<5.00
MW-24R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/7/2021		<5.00
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/7/2021		<5.00
MW-57R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/7/2021		<5.00
MW-73	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/7/2021		<5.00
MW-56	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/7/2021		<5.00
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/7/2021		<5.00
MW-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/7/2021		<5.00
MW-55	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/7/2021		<5.00
MW-50	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/7/2021		<5.00
MW-23	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/8/2021		<5.00
MW-39	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/8/2021		<5.00
MW-51	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/8/2021		<5.00
MW-52	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/8/2021		<5.00
MW-53	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/8/2021		<5.00
MW-54	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/8/2021		<5.00
MW-51	d	Cobalt	7440-48-4	mg/L	1/15/2010		0.00423
MW-24R	u	Cobalt	7440-48-4	mg/L	2/11/2010	ND	
MW-53	d	Cobalt	7440-48-4	mg/L	2/11/2010	ND	
GU-3A	d	Cobalt	7440-48-4	mg/L	3/24/2010		0.00287
MW-20	d	Cobalt	7440-48-4	mg/L	3/24/2010	ND	
MW-21	d	Cobalt	7440-48-4	mg/L	3/24/2010	ND	
MW-22R	d	Cobalt	7440-48-4	mg/L	3/24/2010	ND	
MW-52	d	Cobalt	7440-48-4	mg/L	3/24/2010		0.00593
MW-54	d	Cobalt	7440-48-4	mg/L	3/24/2010		0.00182
MW-55	d	Cobalt	7440-48-4	mg/L	3/24/2010		0.00655
MW-28	d	Cobalt	7440-48-4	mg/L	4/9/2010	ND	
MW-33R	d	Cobalt	7440-48-4	mg/L	4/9/2010		0.01
MW-50	d	Cobalt	7440-48-4	mg/L	4/9/2010	ND	
MW-54	d	Cobalt	7440-48-4	mg/L	4/9/2010	ND	
MW-56	d	Cobalt	7440-48-4	mg/L	4/9/2010		0.0102
MW-57	d	Cobalt	7440-48-4	mg/L	4/9/2010		0.0305
MW-58	d	Cobalt	7440-48-4	mg/L	4/9/2010		0.00297
MW-32R	d	Cobalt	7440-48-4	mg/L	5/18/2010		0.0169
MW-52	d	Cobalt	7440-48-4	mg/L	5/18/2010		0.0052
MW-55	d	Cobalt	7440-48-4	mg/L	5/18/2010	ND	
MW-14R	d	Cobalt	7440-48-4	mg/L	6/17/2010	ND	
MW-19	d	Cobalt	7440-48-4	mg/L	6/17/2010	ND	
MW-29	d	Cobalt	7440-48-4	mg/L	6/17/2010		0.0534
MW-30R	d	Cobalt	7440-48-4	mg/L	6/17/2010		0.00266

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	Cobalt	7440-48-4	mg/L	6/17/2010	ND	
MW-51	d	Cobalt	7440-48-4	mg/L	6/17/2010	ND	
MW-21	d	Cobalt	7440-48-4	mg/L	7/21/2010		0.00346
MW-54	d	Cobalt	7440-48-4	mg/L	7/21/2010	ND	
MW-20	d	Cobalt	7440-48-4	mg/L	8/17/2010	ND	
MW-29	d	Cobalt	7440-48-4	mg/L	8/17/2010		0.0659
MW-39	d	Cobalt	7440-48-4	mg/L	8/17/2010		0.00436
MW-51	d	Cobalt	7440-48-4	mg/L	8/17/2010	ND	
GU-3A	d	Cobalt	7440-48-4	mg/L	9/17/2010		0.00176
MW-22R	d	Cobalt	7440-48-4	mg/L	9/17/2010		0.00205
MW-55	d	Cobalt	7440-48-4	mg/L	9/17/2010		0.00538
MW-19	d	Cobalt	7440-48-4	mg/L	10/22/2010	ND	
MW-24R	u	Cobalt	7440-48-4	mg/L	10/22/2010	ND	
MW-30R	d	Cobalt	7440-48-4	mg/L	10/22/2010		0.00372
MW-31R	d	Cobalt	7440-48-4	mg/L	10/22/2010	ND	
MW-50	d	Cobalt	7440-48-4	mg/L	10/22/2010		0.00419
MW-53	d	Cobalt	7440-48-4	mg/L	10/22/2010	ND	
MW-56	d	Cobalt	7440-48-4	mg/L	10/22/2010	ND	
MW-58	d	Cobalt	7440-48-4	mg/L	10/22/2010		0.00616
MW-14R	d	Cobalt	7440-48-4	mg/L	11/8/2010	ND	
MW-32R	d	Cobalt	7440-48-4	mg/L	11/8/2010		0.0063
MW-57	d	Cobalt	7440-48-4	mg/L	11/8/2010		0.0191
MW-28	d	Cobalt	7440-48-4	mg/L	12/15/2010	ND	
MW-33R	d	Cobalt	7440-48-4	mg/L	12/15/2010		0.0274
MW-52	d	Cobalt	7440-48-4	mg/L	12/15/2010		0.0285
MW-54	d	Cobalt	7440-48-4	mg/L	1/12/2011		0.0148
MW-54	d	Cobalt	7440-48-4	mg/L	1/12/2011		0.0108
MW-20	d	Cobalt	7440-48-4	mg/L	2/22/2011		0.00257
MW-22R	d	Cobalt	7440-48-4	mg/L	2/22/2011	ND	
MW-51	d	Cobalt	7440-48-4	mg/L	2/22/2011	ND	
MW-52	d	Cobalt	7440-48-4	mg/L	2/22/2011		0.0305
MW-53	d	Cobalt	7440-48-4	mg/L	2/22/2011	ND	
MW-55	d	Cobalt	7440-48-4	mg/L	2/22/2011	ND	
GU-3A	d	Cobalt	7440-48-4	mg/L	3/2/2011	ND	
MW-21	d	Cobalt	7440-48-4	mg/L	3/2/2011	ND	
MW-21	d	Cobalt	7440-48-4	mg/L	3/2/2011	ND	
MW-29	d	Cobalt	7440-48-4	mg/L	4/21/2011		0.0447
MW-30R	d	Cobalt	7440-48-4	mg/L	4/21/2011		0.00309
MW-31R	d	Cobalt	7440-48-4	mg/L	4/21/2011	ND	
MW-31R	d	Cobalt	7440-48-4	mg/L	4/21/2011	ND	
MW-32R	d	Cobalt	7440-48-4	mg/L	4/21/2011		0.013
MW-23	u	Cobalt	7440-48-4	mg/L	4/27/2011		0.00281
MW-24R	u	Cobalt	7440-48-4	mg/L	4/27/2011	ND	
MW-54	d	Cobalt	7440-48-4	mg/L	5/31/2011	ND	
MW-56	d	Cobalt	7440-48-4	mg/L	5/31/2011		0.00204
MW-57	d	Cobalt	7440-48-4	mg/L	5/31/2011		0.0219
MW-58	d	Cobalt	7440-48-4	mg/L	5/31/2011		0.0095
MW-14R	d	Cobalt	7440-48-4	mg/L	6/7/2011	ND	
MW-14R	d	Cobalt	7440-48-4	mg/L	6/7/2011	ND	
MW-19	d	Cobalt	7440-48-4	mg/L	6/7/2011	ND	
MW-28	d	Cobalt	7440-48-4	mg/L	6/7/2011	ND	
MW-33R	d	Cobalt	7440-48-4	mg/L	6/7/2011		0.0121
MW-39	d	Cobalt	7440-48-4	mg/L	6/7/2011	ND	
MW-50	d	Cobalt	7440-48-4	mg/L	6/7/2011	ND	
MW-23	u	Cobalt	7440-48-4	mg/L	7/22/2011	ND	
MW-24R	u	Cobalt	7440-48-4	mg/L	7/22/2011	ND	
MW-52	d	Cobalt	7440-48-4	mg/L	7/22/2011		0.00636
MW-56	d	Cobalt	7440-48-4	mg/L	7/22/2011		0.0106
MW-58	d	Cobalt	7440-48-4	mg/L	7/22/2011		0.00475
MW-14R	d	Cobalt	7440-48-4	mg/L	8/29/2011	ND	
MW-19	d	Cobalt	7440-48-4	mg/L	8/29/2011		0.00182
MW-19	d	Cobalt	7440-48-4	mg/L	8/29/2011	ND	
MW-32R	d	Cobalt	7440-48-4	mg/L	8/29/2011		0.00702
GU-3A	d	Cobalt	7440-48-4	mg/L	9/9/2011	ND	
MW-22R	d	Cobalt	7440-48-4	mg/L	9/9/2011	ND	
MW-23	u	Cobalt	7440-48-4	mg/L	9/9/2011	ND	
MW-24R	u	Cobalt	7440-48-4	mg/L	9/9/2011	ND	
MW-28	d	Cobalt	7440-48-4	mg/L	9/9/2011	ND	
MW-29	d	Cobalt	7440-48-4	mg/L	9/9/2011		0.0634
MW-51	d	Cobalt	7440-48-4	mg/L	9/9/2011	ND	
MW-53	d	Cobalt	7440-48-4	mg/L	9/9/2011	ND	
MW-53	d	Cobalt	7440-48-4	mg/L	9/9/2011	ND	
MW-21	d	Cobalt	7440-48-4	mg/L	10/4/2011		0.00171
MW-50	d	Cobalt	7440-48-4	mg/L	10/4/2011	ND	
MW-50	d	Cobalt	7440-48-4	mg/L	10/4/2011	ND	
MW-54	d	Cobalt	7440-48-4	mg/L	10/4/2011	ND	
MW-57	d	Cobalt	7440-48-4	mg/L	10/4/2011		0.0212
MW-20	d	Cobalt	7440-48-4	mg/L	11/29/2011	ND	
MW-30R	d	Cobalt	7440-48-4	mg/L	11/29/2011		0.0041
MW-52	d	Cobalt	7440-48-4	mg/L	11/29/2011		0.00755
MW-55	d	Cobalt	7440-48-4	mg/L	11/29/2011	ND	
MW-31R	d	Cobalt	7440-48-4	mg/L	12/16/2011	ND	
MW-33R	d	Cobalt	7440-48-4	mg/L	12/16/2011		0.0127
MW-39	d	Cobalt	7440-48-4	mg/L	12/16/2011		0.00489
MW-14R	d	Cobalt	7440-48-4	mg/L	3/8/2012	ND	
MW-19	d	Cobalt	7440-48-4	mg/L	3/8/2012	ND	
MW-20	d	Cobalt	7440-48-4	mg/L	3/8/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-21	d	Cobalt	7440-48-4	mg/L	3/8/2012		0.00235
MW-22R	d	Cobalt	7440-48-4	mg/L	3/8/2012	ND	
MW-23	u	Cobalt	7440-48-4	mg/L	3/8/2012		0.00171
MW-24R	u	Cobalt	7440-48-4	mg/L	3/8/2012	ND	
MW-28	d	Cobalt	7440-48-4	mg/L	3/8/2012	ND	
MW-39	d	Cobalt	7440-48-4	mg/L	3/8/2012		0.00542
MW-55	d	Cobalt	7440-48-4	mg/L	3/8/2012	ND	
MW-56	d	Cobalt	7440-48-4	mg/L	3/8/2012		0.00779
MW-57	d	Cobalt	7440-48-4	mg/L	3/8/2012		0.048
MW-58	d	Cobalt	7440-48-4	mg/L	3/8/2012		0.00905
GU-3A	d	Cobalt	7440-48-4	mg/L	6/13/2012		0.00511
MW-29	d	Cobalt	7440-48-4	mg/L	6/13/2012		0.08
MW-30R	d	Cobalt	7440-48-4	mg/L	6/13/2012		0.00256
MW-31R	d	Cobalt	7440-48-4	mg/L	6/13/2012	ND	
MW-32R	d	Cobalt	7440-48-4	mg/L	6/13/2012		0.00263
MW-33R	d	Cobalt	7440-48-4	mg/L	6/13/2012		0.0117
MW-50	d	Cobalt	7440-48-4	mg/L	6/13/2012	ND	
MW-50	d	Cobalt	7440-48-4	mg/L	6/13/2012	ND	
MW-51	d	Cobalt	7440-48-4	mg/L	6/13/2012	ND	
MW-52	d	Cobalt	7440-48-4	mg/L	6/13/2012		0.00843
MW-53	d	Cobalt	7440-48-4	mg/L	6/13/2012	ND	
MW-54	d	Cobalt	7440-48-4	mg/L	6/13/2012	ND	
GU-3A	d	Cobalt	7440-48-4	mg/L	9/4/2012	ND	
MW-20	d	Cobalt	7440-48-4	mg/L	9/4/2012	ND	
MW-21	d	Cobalt	7440-48-4	mg/L	9/4/2012		0.00238
MW-22R	d	Cobalt	7440-48-4	mg/L	9/4/2012	ND	
MW-23	u	Cobalt	7440-48-4	mg/L	9/4/2012	ND	
MW-50	d	Cobalt	7440-48-4	mg/L	9/4/2012	ND	
MW-51	d	Cobalt	7440-48-4	mg/L	9/4/2012	ND	
MW-52	d	Cobalt	7440-48-4	mg/L	9/4/2012		0.00788
MW-53	d	Cobalt	7440-48-4	mg/L	9/4/2012	ND	
MW-54	d	Cobalt	7440-48-4	mg/L	9/4/2012	ND	
MW-54	d	Cobalt	7440-48-4	mg/L	9/4/2012	ND	
MW-57	d	Cobalt	7440-48-4	mg/L	9/4/2012		0.0175
MW-58	d	Cobalt	7440-48-4	mg/L	9/4/2012		0.00375
MW-14R	d	Cobalt	7440-48-4	mg/L	12/19/2012	ND	
MW-19	d	Cobalt	7440-48-4	mg/L	12/19/2012	ND	
MW-28	d	Cobalt	7440-48-4	mg/L	12/19/2012	ND	
MW-29	d	Cobalt	7440-48-4	mg/L	12/19/2012		0.0906
MW-30R	d	Cobalt	7440-48-4	mg/L	12/19/2012		0.00259
MW-31R	d	Cobalt	7440-48-4	mg/L	12/19/2012	ND	
MW-32R	d	Cobalt	7440-48-4	mg/L	12/19/2012		0.00913
MW-33R	d	Cobalt	7440-48-4	mg/L	12/19/2012		0.0128
MW-33R	d	Cobalt	7440-48-4	mg/L	12/19/2012		0.0103
MW-39	d	Cobalt	7440-48-4	mg/L	12/19/2012		0.0149
MW-55	d	Cobalt	7440-48-4	mg/L	12/19/2012	ND	
MW-56	d	Cobalt	7440-48-4	mg/L	12/19/2012		0.00921
MW-14R	d	Cobalt	7440-48-4	mg/L	3/11/2013	ND	
MW-19	d	Cobalt	7440-48-4	mg/L	3/11/2013	ND	
MW-23	u	Cobalt	7440-48-4	mg/L	3/11/2013	ND	
MW-28	d	Cobalt	7440-48-4	mg/L	3/11/2013	ND	
MW-39	d	Cobalt	7440-48-4	mg/L	3/11/2013		0.0101
MW-50	d	Cobalt	7440-48-4	mg/L	3/11/2013	ND	
MW-50	d	Cobalt	7440-48-4	mg/L	3/11/2013	ND	
MW-51	d	Cobalt	7440-48-4	mg/L	3/11/2013		0.00244
MW-52	d	Cobalt	7440-48-4	mg/L	3/11/2013		0.00602
MW-53	d	Cobalt	7440-48-4	mg/L	3/11/2013	ND	
MW-54	d	Cobalt	7440-48-4	mg/L	3/11/2013		0.00272
MW-55	d	Cobalt	7440-48-4	mg/L	3/11/2013	ND	
MW-56	d	Cobalt	7440-48-4	mg/L	3/11/2013		0.00599
MW-20	d	Cobalt	7440-48-4	mg/L	6/10/2013	ND	
MW-20	d	Cobalt	7440-48-4	mg/L	6/10/2013	ND	
MW-21	d	Cobalt	7440-48-4	mg/L	6/10/2013		0.00342
MW-22R	d	Cobalt	7440-48-4	mg/L	6/10/2013		0.00435
MW-29	d	Cobalt	7440-48-4	mg/L	6/10/2013		0.0665
MW-30R	d	Cobalt	7440-48-4	mg/L	6/10/2013		0.00531
MW-31R	d	Cobalt	7440-48-4	mg/L	6/10/2013	ND	
MW-32R	d	Cobalt	7440-48-4	mg/L	6/10/2013		0.0046
MW-33R	d	Cobalt	7440-48-4	mg/L	6/10/2013		0.0108
MW-57	d	Cobalt	7440-48-4	mg/L	6/10/2013		0.026
MW-58	d	Cobalt	7440-48-4	mg/L	6/10/2013		0.00707
GU-3A	d	Cobalt	7440-48-4	mg/L	9/10/2013	ND	
MW-23	u	Cobalt	7440-48-4	mg/L	9/10/2013	ND	
MW-31R	d	Cobalt	7440-48-4	mg/L	9/10/2013	ND	
MW-31R	d	Cobalt	7440-48-4	mg/L	9/10/2013	ND	
MW-32R	d	Cobalt	7440-48-4	mg/L	9/10/2013	ND	
MW-33R	d	Cobalt	7440-48-4	mg/L	9/10/2013		0.00956
MW-50	d	Cobalt	7440-48-4	mg/L	9/10/2013	ND	
MW-51	d	Cobalt	7440-48-4	mg/L	9/10/2013	ND	
MW-52	d	Cobalt	7440-48-4	mg/L	9/10/2013		0.00947
MW-53	d	Cobalt	7440-48-4	mg/L	9/10/2013	ND	
MW-54	d	Cobalt	7440-48-4	mg/L	9/10/2013		0.00144
MW-14R	d	Cobalt	7440-48-4	mg/L	12/18/2013	ND	
MW-18	d	Cobalt	7440-48-4	mg/L	12/18/2013		0.00232
MW-19	d	Cobalt	7440-48-4	mg/L	12/18/2013	ND	
MW-20	d	Cobalt	7440-48-4	mg/L	12/18/2013	ND	
MW-21	d	Cobalt	7440-48-4	mg/L	12/18/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-22R	d	Cobalt	7440-48-4	mg/L	12/18/2013		0.00942
MW-28	d	Cobalt	7440-48-4	mg/L	12/18/2013	ND	
MW-30R	d	Cobalt	7440-48-4	mg/L	12/18/2013		0.00254
MW-39	d	Cobalt	7440-48-4	mg/L	12/18/2013		0.00954
MW-39	d	Cobalt	7440-48-4	mg/L	12/18/2013		0.00907
MW-55	d	Cobalt	7440-48-4	mg/L	12/18/2013	ND	
MW-18	d	Cobalt	7440-48-4	mg/L	3/20/2014	ND	
MW-20	d	Cobalt	7440-48-4	mg/L	3/20/2014	ND	
MW-21	d	Cobalt	7440-48-4	mg/L	3/20/2014		0.0044
MW-21	d	Cobalt	7440-48-4	mg/L	3/20/2014		0.00417
MW-22R	d	Cobalt	7440-48-4	mg/L	3/20/2014		0.00374
MW-23	u	Cobalt	7440-48-4	mg/L	3/20/2014	ND	
MW-30R	d	Cobalt	7440-48-4	mg/L	3/20/2014		0.00468
MW-31R	d	Cobalt	7440-48-4	mg/L	3/20/2014	ND	
MW-32R	d	Cobalt	7440-48-4	mg/L	3/20/2014	ND	
MW-33R	d	Cobalt	7440-48-4	mg/L	3/20/2014		0.0148
MW-14R	d	Cobalt	7440-48-4	mg/L	6/24/2014	ND	
MW-14R	d	Cobalt	7440-48-4	mg/L	6/24/2014	ND	
MW-18	d	Cobalt	7440-48-4	mg/L	6/24/2014	ND	
MW-19	d	Cobalt	7440-48-4	mg/L	6/24/2014	ND	
MW-28	d	Cobalt	7440-48-4	mg/L	6/24/2014	ND	
MW-39	d	Cobalt	7440-48-4	mg/L	6/24/2014		0.00537
MW-50	d	Cobalt	7440-48-4	mg/L	6/24/2014	ND	
MW-51	d	Cobalt	7440-48-4	mg/L	6/24/2014	ND	
MW-52	d	Cobalt	7440-48-4	mg/L	6/24/2014		0.00877
MW-53	d	Cobalt	7440-48-4	mg/L	6/24/2014	ND	
MW-54	d	Cobalt	7440-48-4	mg/L	6/24/2014	ND	
MW-55	d	Cobalt	7440-48-4	mg/L	6/24/2014	ND	
MW-58	d	Cobalt	7440-48-4	mg/L	6/24/2014		0.00471
MW-29	d	Cobalt	7440-48-4	mg/L	7/24/2014		0.0783
MW-56	d	Cobalt	7440-48-4	mg/L	7/24/2014		0.0153
MW-57	d	Cobalt	7440-48-4	mg/L	7/24/2014		0.0241
GU-3A	d	Cobalt	7440-48-4	mg/L	9/24/2014		0.0137
MW-18	d	Cobalt	7440-48-4	mg/L	9/24/2014	ND	
MW-23	u	Cobalt	7440-48-4	mg/L	9/24/2014	ND	
MW-24R	u	Cobalt	7440-48-4	mg/L	9/24/2014	ND	
MW-29	d	Cobalt	7440-48-4	mg/L	9/24/2014		0.0631
MW-30R	d	Cobalt	7440-48-4	mg/L	9/24/2014		0.00614
MW-31R	d	Cobalt	7440-48-4	mg/L	9/24/2014	ND	
MW-31R	d	Cobalt	7440-48-4	mg/L	9/24/2014	ND	
MW-32R	d	Cobalt	7440-48-4	mg/L	9/24/2014	ND	
MW-33R	d	Cobalt	7440-48-4	mg/L	9/24/2014		0.0116
MW-50	d	Cobalt	7440-48-4	mg/L	9/24/2014	ND	
MW-51	d	Cobalt	7440-48-4	mg/L	9/24/2014	ND	
MW-52	d	Cobalt	7440-48-4	mg/L	9/24/2014		0.0103
MW-53	d	Cobalt	7440-48-4	mg/L	9/24/2014	ND	
MW-54	d	Cobalt	7440-48-4	mg/L	9/24/2014		0.00302
MW-14R	d	Cobalt	7440-48-4	mg/L	12/4/2014	ND	
MW-18	d	Cobalt	7440-48-4	mg/L	12/4/2014		0.00311
MW-19	d	Cobalt	7440-48-4	mg/L	12/4/2014	ND	
MW-20	d	Cobalt	7440-48-4	mg/L	12/4/2014	ND	
MW-21	d	Cobalt	7440-48-4	mg/L	12/4/2014		0.00256
MW-22R	d	Cobalt	7440-48-4	mg/L	12/4/2014		0.00242
MW-28	d	Cobalt	7440-48-4	mg/L	12/4/2014	ND	
MW-39	d	Cobalt	7440-48-4	mg/L	12/4/2014		0.0227
MW-56	d	Cobalt	7440-48-4	mg/L	12/4/2014		0.0161
MW-57	d	Cobalt	7440-48-4	mg/L	12/4/2014		0.0383
MW-57	d	Cobalt	7440-48-4	mg/L	12/4/2014		0.0424
MW-58	d	Cobalt	7440-48-4	mg/L	12/4/2014		0.00616
MW-14R	d	Cobalt	7440-48-4	mg/L	3/11/2015	J	0.000187
MW-18	d	Cobalt	7440-48-4	mg/L	3/11/2015		0.00153
MW-19	d	Cobalt	7440-48-4	mg/L	3/11/2015	ND	
MW-20	d	Cobalt	7440-48-4	mg/L	3/11/2015	J	0.000473
MW-21	d	Cobalt	7440-48-4	mg/L	3/11/2015		0.0025
MW-22R	d	Cobalt	7440-48-4	mg/L	3/11/2015		0.00257
MW-23	u	Cobalt	7440-48-4	mg/L	3/11/2015		0.000744
MW-24R	u	Cobalt	7440-48-4	mg/L	3/11/2015	ND	
MW-28	d	Cobalt	7440-48-4	mg/L	3/11/2015	J	0.000182
MW-39	d	Cobalt	7440-48-4	mg/L	3/11/2015		0.043
MW-55	d	Cobalt	7440-48-4	mg/L	3/11/2015	J	0.000333
MW-56	d	Cobalt	7440-48-4	mg/L	3/11/2015		0.0138
MW-57	d	Cobalt	7440-48-4	mg/L	3/11/2015		0.0362
MW-58	d	Cobalt	7440-48-4	mg/L	3/11/2015		0.00373
MW-58	d	Cobalt	7440-48-4	mg/L	3/11/2015		0.00374
MW-29	d	Cobalt	7440-48-4	mg/L	6/29/2015		0.0574
MW-30R	d	Cobalt	7440-48-4	mg/L	6/29/2015		0.00841
MW-31R	d	Cobalt	7440-48-4	mg/L	6/29/2015	J	8.40E-05
MW-31R	d	Cobalt	7440-48-4	mg/L	6/29/2015	J	9.90E-05
MW-32R	d	Cobalt	7440-48-4	mg/L	6/29/2015	J	0.000417
MW-33R	d	Cobalt	7440-48-4	mg/L	6/29/2015		0.0097
MW-50	d	Cobalt	7440-48-4	mg/L	6/29/2015	ND	
MW-51	d	Cobalt	7440-48-4	mg/L	6/29/2015	J	0.000281
MW-52	d	Cobalt	7440-48-4	mg/L	6/29/2015		0.00985
MW-53	d	Cobalt	7440-48-4	mg/L	6/29/2015	J	0.000101
MW-54	d	Cobalt	7440-48-4	mg/L	6/29/2015		0.00161
MW-69	d	Cobalt	7440-48-4	mg/L	6/30/2015		0.00957
MW-72	d	Cobalt	7440-48-4	mg/L	6/30/2015		0.00532

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
GU-3A	d	Cobalt	7440-48-4	mg/L	9/22/2015		0.00269
MW-14R	d	Cobalt	7440-48-4	mg/L	9/22/2015	ND	
MW-20	d	Cobalt	7440-48-4	mg/L	9/22/2015		0.000557
MW-21	d	Cobalt	7440-48-4	mg/L	9/22/2015		0.00235
MW-29	d	Cobalt	7440-48-4	mg/L	9/22/2015		0.0697
MW-30R	d	Cobalt	7440-48-4	mg/L	9/22/2015		0.00609
MW-31R	d	Cobalt	7440-48-4	mg/L	9/22/2015	J	7.80E-05
MW-32R	d	Cobalt	7440-48-4	mg/L	9/22/2015	J	0.000327
MW-33R	d	Cobalt	7440-48-4	mg/L	9/22/2015		0.0113
MW-52	d	Cobalt	7440-48-4	mg/L	9/22/2015		0.00981
MW-53	d	Cobalt	7440-48-4	mg/L	9/22/2015	J	0.000117
MW-54	d	Cobalt	7440-48-4	mg/L	9/22/2015		0.0015
MW-57	d	Cobalt	7440-48-4	mg/L	9/22/2015		0.0259
MW-58	d	Cobalt	7440-48-4	mg/L	9/22/2015		0.00165
MW-69	d	Cobalt	7440-48-4	mg/L	9/24/2015		0.00199
MW-72	d	Cobalt	7440-48-4	mg/L	9/25/2015		0.00506
MW-14R	d	Cobalt	7440-48-4	mg/L	2/15/2016	J	0.00033
MW-14R	d	Cobalt	7440-48-4	mg/L	2/15/2016	J	0.00038
MW-18	d	Cobalt	7440-48-4	mg/L	2/15/2016		0.00356
MW-19	d	Cobalt	7440-48-4	mg/L	2/15/2016		0.000732
MW-29	d	Cobalt	7440-48-4	mg/L	2/15/2016		0.0843
MW-30R	d	Cobalt	7440-48-4	mg/L	2/15/2016		0.00741
MW-31R	d	Cobalt	7440-48-4	mg/L	2/15/2016		0.0076
MW-32R	d	Cobalt	7440-48-4	mg/L	2/15/2016		0.00475
MW-33R	d	Cobalt	7440-48-4	mg/L	2/15/2016		0.015
MW-39	d	Cobalt	7440-48-4	mg/L	2/15/2016		0.00386
MW-20	d	Cobalt	7440-48-4	mg/L	2/16/2016	J	0.000484
MW-21	d	Cobalt	7440-48-4	mg/L	2/16/2016		0.00223
MW-34	d	Cobalt	7440-48-4	mg/L	2/16/2016		0.0176
MW-55	d	Cobalt	7440-48-4	mg/L	2/16/2016		0.00052
MW-56	d	Cobalt	7440-48-4	mg/L	2/16/2016		0.0117
MW-57	d	Cobalt	7440-48-4	mg/L	2/16/2016		0.0281
MW-58	d	Cobalt	7440-48-4	mg/L	2/16/2016		0.00932
MW-69	d	Cobalt	7440-48-4	mg/L	2/16/2016		0.00428
MW-22R	d	Cobalt	7440-48-4	mg/L	2/17/2016		0.0109
MW-23	u	Cobalt	7440-48-4	mg/L	2/17/2016		0.000659
MW-24R	u	Cobalt	7440-48-4	mg/L	2/17/2016	J	9.20E-05
MW-53	d	Cobalt	7440-48-4	mg/L	2/17/2016	J	0.000103
MW-54	d	Cobalt	7440-48-4	mg/L	2/17/2016		0.00196
MW-64	d	Cobalt	7440-48-4	mg/L	2/17/2016	J	0.000416
MW-72	d	Cobalt	7440-48-4	mg/L	2/17/2016		0.00738
PZ-11	d	Cobalt	7440-48-4	mg/L	2/17/2016	ND	
MW-52	d	Cobalt	7440-48-4	mg/L	5/4/2016		0.0102
MW-59	d	Cobalt	7440-48-4	mg/L	5/4/2016	J	0.000143
MW-28	d	Cobalt	7440-48-4	mg/L	8/25/2016	J	0.000331
MW-29	d	Cobalt	7440-48-4	mg/L	8/25/2016		0.0831
MW-30R	d	Cobalt	7440-48-4	mg/L	8/25/2016		0.00655
MW-31R	d	Cobalt	7440-48-4	mg/L	8/25/2016	J	0.000309
MW-32R	d	Cobalt	7440-48-4	mg/L	8/25/2016		0.000633
MW-33R	d	Cobalt	7440-48-4	mg/L	8/25/2016		0.0108
MW-50	d	Cobalt	7440-48-4	mg/L	8/25/2016	J	8.90E-05
MW-51	d	Cobalt	7440-48-4	mg/L	8/25/2016	J	0.00033
MW-52	d	Cobalt	7440-48-4	mg/L	8/25/2016		0.0111
MW-53	d	Cobalt	7440-48-4	mg/L	8/25/2016	J	0.000117
MW-54	d	Cobalt	7440-48-4	mg/L	8/25/2016		0.00153
MW-72	d	Cobalt	7440-48-4	mg/L	8/25/2016		0.00754
GU-3A	d	Cobalt	7440-48-4	mg/L	8/26/2016	J	0.000476
PZ-13	d	Cobalt	7440-48-4	mg/L	8/26/2016	J	4.20E-05
MW-18	d	Cobalt	7440-48-4	mg/L	1/17/2017		0.000736
MW-19	d	Cobalt	7440-48-4	mg/L	1/17/2017	J	5.00E-05
MW-22R	d	Cobalt	7440-48-4	mg/L	1/17/2017		0.0632
MW-23	u	Cobalt	7440-48-4	mg/L	1/17/2017		0.000693
MW-24R	u	Cobalt	7440-48-4	mg/L	1/17/2017	J	5.20E-05
MW-28	d	Cobalt	7440-48-4	mg/L	1/17/2017	J	0.000188
MW-28	d	Cobalt	7440-48-4	mg/L	1/17/2017	J	0.000174
MW-39	d	Cobalt	7440-48-4	mg/L	1/17/2017		0.0143
MW-50	d	Cobalt	7440-48-4	mg/L	1/17/2017	J	9.60E-05
MW-51	d	Cobalt	7440-48-4	mg/L	1/17/2017	J	0.000484
MW-53	d	Cobalt	7440-48-4	mg/L	1/17/2017	J	0.000114
MW-54	d	Cobalt	7440-48-4	mg/L	1/17/2017		0.00165
MW-56	d	Cobalt	7440-48-4	mg/L	1/17/2017		0.0109
GU-3A	d	Cobalt	7440-48-4	mg/L	7/10/2017	J	4.60E-05
MW-14R	d	Cobalt	7440-48-4	mg/L	7/10/2017	J	6.70E-05
MW-20	d	Cobalt	7440-48-4	mg/L	7/10/2017	J	0.000383
MW-21	d	Cobalt	7440-48-4	mg/L	7/10/2017		0.00198
MW-29	d	Cobalt	7440-48-4	mg/L	7/10/2017		0.063
MW-30R	d	Cobalt	7440-48-4	mg/L	7/10/2017		0.00761
MW-31R	d	Cobalt	7440-48-4	mg/L	7/10/2017	J	0.000112
MW-32R	d	Cobalt	7440-48-4	mg/L	7/10/2017		0.00053
MW-32R	d	Cobalt	7440-48-4	mg/L	7/10/2017	J	0.000464
MW-33R	d	Cobalt	7440-48-4	mg/L	7/10/2017		0.00975
MW-57	d	Cobalt	7440-48-4	mg/L	7/10/2017		0.028
MW-58	d	Cobalt	7440-48-4	mg/L	7/10/2017		0.0034
MW-59	d	Cobalt	7440-48-4	mg/L	7/10/2017	J	0.000131
MW-60	d	Cobalt	7440-48-4	mg/L	7/10/2017	J	0.000279
MW-72	d	Cobalt	7440-48-4	mg/L	7/10/2017		0.00588
PZ-13	d	Cobalt	7440-48-4	mg/L	7/10/2017	J	0.000122

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-52	d	Cobalt	7440-48-4	mg/L	10/17/2017		0.0126
MW-55	d	Cobalt	7440-48-4	mg/L	10/17/2017	J	0.000376
GU-3A	d	Cobalt	7440-48-4	mg/L	4/3/2018		0.043
GU-3A	d	Cobalt	7440-48-4	mg/L	4/3/2018		0.118
MW-14R	d	Cobalt	7440-48-4	mg/L	4/3/2018	J	0.000223
MW-20	d	Cobalt	7440-48-4	mg/L	4/3/2018		0.000629
MW-21	d	Cobalt	7440-48-4	mg/L	4/3/2018		0.00439
MW-29	d	Cobalt	7440-48-4	mg/L	4/3/2018		0.0584
MW-30R	d	Cobalt	7440-48-4	mg/L	4/3/2018		0.00809
MW-31R	d	Cobalt	7440-48-4	mg/L	4/3/2018		0.000535
MW-32R	d	Cobalt	7440-48-4	mg/L	4/3/2018		0.00147
MW-33R	d	Cobalt	7440-48-4	mg/L	4/3/2018		0.0114
MW-33R	d	Cobalt	7440-48-4	mg/L	4/3/2018		0.0107
MW-57	d	Cobalt	7440-48-4	mg/L	4/3/2018		0.0503
MW-58	d	Cobalt	7440-48-4	mg/L	4/3/2018		0.0255
MW-59	d	Cobalt	7440-48-4	mg/L	4/3/2018		0.00249
MW-60	d	Cobalt	7440-48-4	mg/L	4/3/2018	ND	
MW-72	d	Cobalt	7440-48-4	mg/L	4/3/2018		0.00645
PZ-13	d	Cobalt	7440-48-4	mg/L	4/3/2018	ND	
SW-101	d	Cobalt	7440-48-4	mg/L	4/3/2018	J	0.000437
SW-102	d	Cobalt	7440-48-4	mg/L	4/3/2018		0.00678
SW-103	d	Cobalt	7440-48-4	mg/L	4/3/2018		0.00125
SW-106	d	Cobalt	7440-48-4	mg/L	4/3/2018		0.00237
SW-107	d	Cobalt	7440-48-4	mg/L	4/3/2018	J	0.000454
MW-23	u	Cobalt	7440-48-4	mg/L	11/1/2018	J	0.000381
MW-24R	u	Cobalt	7440-48-4	mg/L	11/1/2018	ND	
MW-39	d	Cobalt	7440-48-4	mg/L	11/1/2018		0.0302
MW-50	d	Cobalt	7440-48-4	mg/L	11/1/2018	J	0.000097
MW-51	d	Cobalt	7440-48-4	mg/L	11/1/2018		0.00147
MW-52	d	Cobalt	7440-48-4	mg/L	11/1/2018		0.0125
MW-53	d	Cobalt	7440-48-4	mg/L	11/1/2018	J	0.000115
MW-54	d	Cobalt	7440-48-4	mg/L	11/1/2018		0.00149
MW-55	d	Cobalt	7440-48-4	mg/L	11/1/2018	J	0.000117
MW-18	d	Cobalt	7440-48-4	mg/L	11/2/2018		0.00126
MW-19	d	Cobalt	7440-48-4	mg/L	11/2/2018	J	0.0001
MW-22R	d	Cobalt	7440-48-4	mg/L	11/2/2018		0.0252
MW-28	d	Cobalt	7440-48-4	mg/L	11/2/2018	J	0.000222
MW-56	d	Cobalt	7440-48-4	mg/L	11/2/2018		0.0136
MW-18	d	Cobalt	7440-48-4	mg/L	5/16/2019		0.00213
MW-19	d	Cobalt	7440-48-4	mg/L	5/16/2019	J	0.000138
MW-23	u	Cobalt	7440-48-4	mg/L	5/16/2019	J	0.000192
MW-24R	u	Cobalt	7440-48-4	mg/L	5/16/2019	ND	
MW-28	d	Cobalt	7440-48-4	mg/L	5/16/2019	J	0.000221
MW-39	d	Cobalt	7440-48-4	mg/L	5/16/2019		0.00355
MW-55	d	Cobalt	7440-48-4	mg/L	5/16/2019	J	0.000134
MW-50	d	Cobalt	7440-48-4	mg/L	5/20/2019	ND	
MW-51	d	Cobalt	7440-48-4	mg/L	5/20/2019	J	0.000872
MW-52	d	Cobalt	7440-48-4	mg/L	5/20/2019		0.0108
MW-54	d	Cobalt	7440-48-4	mg/L	5/20/2019		0.00175
MW-56	d	Cobalt	7440-48-4	mg/L	5/20/2019		0.00818
MW-53	d	Cobalt	7440-48-4	mg/L	5/21/2019	J	0.000409
MW-14R	d	Cobalt	7440-48-4	mg/L	9/11/2019	ND	
MW-29	d	Cobalt	7440-48-4	mg/L	9/11/2019		0.0649
MW-30R	d	Cobalt	7440-48-4	mg/L	9/11/2019		0.00648
MW-31R	d	Cobalt	7440-48-4	mg/L	9/11/2019	J	0.000099
MW-32R	d	Cobalt	7440-48-4	mg/L	9/11/2019		0.000616
MW-33R	d	Cobalt	7440-48-4	mg/L	9/11/2019		0.0111
MW-58	d	Cobalt	7440-48-4	mg/L	9/11/2019		0.00212
MW-60	d	Cobalt	7440-48-4	mg/L	9/11/2019	ND	
PZ-13	d	Cobalt	7440-48-4	mg/L	9/13/2019	J	0.000133
SW-101	d	Cobalt	7440-48-4	mg/L	9/25/2019	J	0.000452
SW-102	d	Cobalt	7440-48-4	mg/L	9/25/2019		0.000764
SW-103	d	Cobalt	7440-48-4	mg/L	9/25/2019		0.00209
SW-106	d	Cobalt	7440-48-4	mg/L	9/25/2019	J	0.000265
SW-107	d	Cobalt	7440-48-4	mg/L	9/25/2019	J	0.000421
SW-101	d	Cobalt	7440-48-4	mg/L	3/10/2020	J	0.00032
SW-102	d	Cobalt	7440-48-4	mg/L	3/10/2020	J	0.000375
SW-103	d	Cobalt	7440-48-4	mg/L	3/10/2020	J	0.000425
SW-106	d	Cobalt	7440-48-4	mg/L	3/10/2020	J	0.000447
SW-107	d	Cobalt	7440-48-4	mg/L	3/10/2020	J	0.000221
GU-3A	d	Cobalt	7440-48-4	mg/L	3/16/2020	J	0.000482
MW-31R	d	Cobalt	7440-48-4	mg/L	3/16/2020	J	0.000234
MW-32R	d	Cobalt	7440-48-4	mg/L	3/16/2020		0.000813
MW-33R	d	Cobalt	7440-48-4	mg/L	3/16/2020		0.0105
MW-14R	d	Cobalt	7440-48-4	mg/L	3/17/2020		0.000544
MW-29	d	Cobalt	7440-48-4	mg/L	3/17/2020		0.0605
MW-30R	d	Cobalt	7440-48-4	mg/L	3/17/2020		0.00686
MW-58	d	Cobalt	7440-48-4	mg/L	3/17/2020		0.00261
MW-60	d	Cobalt	7440-48-4	mg/L	3/17/2020	ND	
PZ-13	d	Cobalt	7440-48-4	mg/L	3/17/2020	ND	
MW-19	d	Cobalt	7440-48-4	mg/L	7/20/2020	ND	
MW-28	d	Cobalt	7440-48-4	mg/L	7/20/2020	J	0.000197
MW-51	d	Cobalt	7440-48-4	mg/L	7/20/2020		0.000873
MW-55	d	Cobalt	7440-48-4	mg/L	7/20/2020	ND	
MW-56	d	Cobalt	7440-48-4	mg/L	7/20/2020		0.00714
MW-57R	d	Cobalt	7440-48-4	mg/L	7/20/2020		0.0268
MW-73	d	Cobalt	7440-48-4	mg/L	7/20/2020		0.00324

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-18	d	Cobalt	7440-48-4	mg/L	7/21/2020		0.00126
MW-39	d	Cobalt	7440-48-4	mg/L	7/21/2020		0.00174
MW-50	d	Cobalt	7440-48-4	mg/L	7/21/2020	J	0.000129
MW-52	d	Cobalt	7440-48-4	mg/L	7/21/2020		0.00998
MW-53	d	Cobalt	7440-48-4	mg/L	7/21/2020	J	0.000134
MW-54	d	Cobalt	7440-48-4	mg/L	7/21/2020		0.00137
MW-23	u	Cobalt	7440-48-4	mg/L	7/22/2020		0.000541
MW-24R	u	Cobalt	7440-48-4	mg/L	7/22/2020	ND	
MW-55	d	Cobalt	7440-48-4	mg/L	11/12/2020	ND	
MW-32R	d	Cobalt	7440-48-4	mg/L	8/24/2021		0.00196
MW-33R	d	Cobalt	7440-48-4	mg/L	8/24/2021		0.00941
MW-14R	d	Cobalt	7440-48-4	mg/L	8/24/2021		<0.000500
MW-31R	d	Cobalt	7440-48-4	mg/L	8/24/2021		0.00129
MW-29	d	Cobalt	7440-48-4	mg/L	8/25/2021		0.0655
MW-58	d	Cobalt	7440-48-4	mg/L	8/25/2021		0.00236
MW-30R	d	Cobalt	7440-48-4	mg/L	8/25/2021		0.00426
MW-60	d	Cobalt	7440-48-4	mg/L	8/26/2021		<0.000500
MW-57R	d	Cobalt	7440-48-4	mg/L	8/26/2021		0.0273
PZ-13	d	Cobalt	7440-48-4	mg/L	8/27/2021		<0.000500
MW-73	d	Cobalt	7440-48-4	mg/L	8/27/2021		0.00551
SW-101	d	Cobalt	7440-48-4	mg/L	9/8/2021		0.000551
SW-102	d	Cobalt	7440-48-4	mg/L	9/8/2021		0.000835
SW-103	d	Cobalt	7440-48-4	mg/L	9/8/2021	J	0.000455
SW-106	d	Cobalt	7440-48-4	mg/L	9/8/2021		0.00197
SW-107	d	Cobalt	7440-48-4	mg/L	9/8/2021		0.00102
GU-3A	d	Cobalt	7440-48-4	mg/L	9/8/2021	J	0.000331
MW-24R	u	Cobalt	7440-48-4	mg/L	12/7/2021		<0.000500
MW-28	d	Cobalt	7440-48-4	mg/L	12/7/2021	J	0.000238
MW-57R	d	Cobalt	7440-48-4	mg/L	12/7/2021		0.0175
MW-73	d	Cobalt	7440-48-4	mg/L	12/7/2021		0.0034
MW-56	d	Cobalt	7440-48-4	mg/L	12/7/2021		0.0182
MW-19	d	Cobalt	7440-48-4	mg/L	12/7/2021		<0.000500
MW-18	d	Cobalt	7440-48-4	mg/L	12/7/2021		0.000819
MW-55	d	Cobalt	7440-48-4	mg/L	12/7/2021		<0.000500
MW-50	d	Cobalt	7440-48-4	mg/L	12/7/2021	J	0.000214
MW-23	u	Cobalt	7440-48-4	mg/L	12/8/2021	J	0.00046
MW-39	d	Cobalt	7440-48-4	mg/L	12/8/2021		0.0118
MW-51	d	Cobalt	7440-48-4	mg/L	12/8/2021		0.000693
MW-52	d	Cobalt	7440-48-4	mg/L	12/8/2021		0.0103
MW-53	d	Cobalt	7440-48-4	mg/L	12/8/2021	J	0.000239
MW-54	d	Cobalt	7440-48-4	mg/L	12/8/2021		0.00118
MW-51	d	Copper	7440-50-8	mg/L	1/15/2010	ND	
MW-24R	u	Copper	7440-50-8	mg/L	2/11/2010	ND	
MW-53	d	Copper	7440-50-8	mg/L	2/11/2010	ND	
GU-3A	d	Copper	7440-50-8	mg/L	3/24/2010	ND	
MW-20	d	Copper	7440-50-8	mg/L	3/24/2010	ND	
MW-21	d	Copper	7440-50-8	mg/L	3/24/2010	ND	
MW-22R	d	Copper	7440-50-8	mg/L	3/24/2010	ND	
MW-52	d	Copper	7440-50-8	mg/L	3/24/2010	ND	
MW-54	d	Copper	7440-50-8	mg/L	3/24/2010	ND	
MW-55	d	Copper	7440-50-8	mg/L	3/24/2010	ND	
MW-28	d	Copper	7440-50-8	mg/L	4/9/2010	ND	
MW-33R	d	Copper	7440-50-8	mg/L	4/9/2010		0.0296
MW-50	d	Copper	7440-50-8	mg/L	4/9/2010	ND	
MW-56	d	Copper	7440-50-8	mg/L	4/9/2010	ND	
MW-57	d	Copper	7440-50-8	mg/L	4/9/2010	ND	
MW-58	d	Copper	7440-50-8	mg/L	4/9/2010	ND	
MW-32R	d	Copper	7440-50-8	mg/L	5/18/2010		0.0339
MW-52	d	Copper	7440-50-8	mg/L	5/18/2010	ND	
MW-14R	d	Copper	7440-50-8	mg/L	6/17/2010	ND	
MW-19	d	Copper	7440-50-8	mg/L	6/17/2010	ND	
MW-29	d	Copper	7440-50-8	mg/L	6/17/2010	ND	
MW-30R	d	Copper	7440-50-8	mg/L	6/17/2010	ND	
MW-31R	d	Copper	7440-50-8	mg/L	6/17/2010	ND	
MW-51	d	Copper	7440-50-8	mg/L	6/17/2010	ND	
MW-21	d	Copper	7440-50-8	mg/L	7/21/2010	ND	
MW-54	d	Copper	7440-50-8	mg/L	7/21/2010	ND	
MW-20	d	Copper	7440-50-8	mg/L	8/17/2010	ND	
MW-29	d	Copper	7440-50-8	mg/L	8/17/2010	ND	
MW-39	d	Copper	7440-50-8	mg/L	8/17/2010	ND	
MW-51	d	Copper	7440-50-8	mg/L	8/17/2010	ND	
GU-3A	d	Copper	7440-50-8	mg/L	9/17/2010	ND	
MW-22R	d	Copper	7440-50-8	mg/L	9/17/2010	ND	
MW-55	d	Copper	7440-50-8	mg/L	9/17/2010	ND	
MW-19	d	Copper	7440-50-8	mg/L	10/22/2010	ND	
MW-24R	u	Copper	7440-50-8	mg/L	10/22/2010	ND	
MW-30R	d	Copper	7440-50-8	mg/L	10/22/2010	ND	
MW-31R	d	Copper	7440-50-8	mg/L	10/22/2010	ND	
MW-50	d	Copper	7440-50-8	mg/L	10/22/2010	ND	
MW-53	d	Copper	7440-50-8	mg/L	10/22/2010	ND	
MW-56	d	Copper	7440-50-8	mg/L	10/22/2010	ND	
MW-58	d	Copper	7440-50-8	mg/L	10/22/2010	ND	
MW-14R	d	Copper	7440-50-8	mg/L	11/8/2010	ND	
MW-32R	d	Copper	7440-50-8	mg/L	11/8/2010	ND	
MW-57	d	Copper	7440-50-8	mg/L	11/8/2010	ND	
MW-28	d	Copper	7440-50-8	mg/L	12/15/2010	ND	
MW-33R	d	Copper	7440-50-8	mg/L	12/15/2010		0.088

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-52	d	Copper	7440-50-8	mg/L	12/15/2010		0.0442
MW-54	d	Copper	7440-50-8	mg/L	1/12/2011		0.0291
MW-54	d	Copper	7440-50-8	mg/L	1/12/2011		0.0268
MW-20	d	Copper	7440-50-8	mg/L	2/22/2011	ND	
MW-22R	d	Copper	7440-50-8	mg/L	2/22/2011	ND	
MW-51	d	Copper	7440-50-8	mg/L	2/22/2011	ND	
MW-52	d	Copper	7440-50-8	mg/L	2/22/2011		0.0613
MW-53	d	Copper	7440-50-8	mg/L	2/22/2011	ND	
MW-55	d	Copper	7440-50-8	mg/L	2/22/2011	ND	
GU-3A	d	Copper	7440-50-8	mg/L	3/2/2011	ND	
MW-21	d	Copper	7440-50-8	mg/L	3/2/2011	ND	
MW-21	d	Copper	7440-50-8	mg/L	3/2/2011	ND	
MW-29	d	Copper	7440-50-8	mg/L	4/21/2011		0.064
MW-30R	d	Copper	7440-50-8	mg/L	4/21/2011	ND	
MW-31R	d	Copper	7440-50-8	mg/L	4/21/2011	ND	
MW-31R	d	Copper	7440-50-8	mg/L	4/21/2011	ND	
MW-32R	d	Copper	7440-50-8	mg/L	4/21/2011		0.0337
MW-54	d	Copper	7440-50-8	mg/L	5/31/2011		0.0244
MW-56	d	Copper	7440-50-8	mg/L	5/31/2011	ND	
MW-57	d	Copper	7440-50-8	mg/L	5/31/2011		0.0219
MW-58	d	Copper	7440-50-8	mg/L	5/31/2011	ND	
MW-14R	d	Copper	7440-50-8	mg/L	6/7/2011	ND	
MW-14R	d	Copper	7440-50-8	mg/L	6/7/2011	ND	
MW-19	d	Copper	7440-50-8	mg/L	6/7/2011	ND	
MW-28	d	Copper	7440-50-8	mg/L	6/7/2011	ND	
MW-33R	d	Copper	7440-50-8	mg/L	6/7/2011		0.028
MW-39	d	Copper	7440-50-8	mg/L	6/7/2011		0.0225
MW-50	d	Copper	7440-50-8	mg/L	6/7/2011		0.0207
MW-52	d	Copper	7440-50-8	mg/L	7/22/2011	ND	
MW-56	d	Copper	7440-50-8	mg/L	7/22/2011	ND	
MW-58	d	Copper	7440-50-8	mg/L	7/22/2011	ND	
MW-14R	d	Copper	7440-50-8	mg/L	8/29/2011	ND	
MW-19	d	Copper	7440-50-8	mg/L	8/29/2011	ND	
MW-19	d	Copper	7440-50-8	mg/L	8/29/2011	ND	
MW-32R	d	Copper	7440-50-8	mg/L	8/29/2011		0.0213
GU-3A	d	Copper	7440-50-8	mg/L	9/9/2011	ND	
MW-22R	d	Copper	7440-50-8	mg/L	9/9/2011	ND	
MW-23	u	Copper	7440-50-8	mg/L	9/9/2011	ND	
MW-24R	u	Copper	7440-50-8	mg/L	9/9/2011	ND	
MW-28	d	Copper	7440-50-8	mg/L	9/9/2011	ND	
MW-29	d	Copper	7440-50-8	mg/L	9/9/2011		0.0362
MW-51	d	Copper	7440-50-8	mg/L	9/9/2011	ND	
MW-53	d	Copper	7440-50-8	mg/L	9/9/2011	ND	
MW-53	d	Copper	7440-50-8	mg/L	9/9/2011	ND	
MW-21	d	Copper	7440-50-8	mg/L	10/4/2011	ND	
MW-50	d	Copper	7440-50-8	mg/L	10/4/2011	ND	
MW-50	d	Copper	7440-50-8	mg/L	10/4/2011	ND	
MW-54	d	Copper	7440-50-8	mg/L	10/4/2011	ND	
MW-57	d	Copper	7440-50-8	mg/L	10/4/2011	ND	
MW-20	d	Copper	7440-50-8	mg/L	11/29/2011	ND	
MW-30R	d	Copper	7440-50-8	mg/L	11/29/2011	ND	
MW-52	d	Copper	7440-50-8	mg/L	11/29/2011	ND	
MW-55	d	Copper	7440-50-8	mg/L	11/29/2011	ND	
MW-31R	d	Copper	7440-50-8	mg/L	12/16/2011	ND	
MW-33R	d	Copper	7440-50-8	mg/L	12/16/2011	ND	
MW-39	d	Copper	7440-50-8	mg/L	12/16/2011		0.0214
MW-14R	d	Copper	7440-50-8	mg/L	3/8/2012	ND	
MW-19	d	Copper	7440-50-8	mg/L	3/8/2012	ND	
MW-20	d	Copper	7440-50-8	mg/L	3/8/2012	ND	
MW-21	d	Copper	7440-50-8	mg/L	3/8/2012	ND	
MW-22R	d	Copper	7440-50-8	mg/L	3/8/2012	ND	
MW-23	u	Copper	7440-50-8	mg/L	3/8/2012	ND	
MW-24R	u	Copper	7440-50-8	mg/L	3/8/2012	ND	
MW-28	d	Copper	7440-50-8	mg/L	3/8/2012	ND	
MW-39	d	Copper	7440-50-8	mg/L	3/8/2012	ND	
MW-55	d	Copper	7440-50-8	mg/L	3/8/2012	ND	
MW-56	d	Copper	7440-50-8	mg/L	3/8/2012	ND	
MW-57	d	Copper	7440-50-8	mg/L	3/8/2012	ND	
MW-58	d	Copper	7440-50-8	mg/L	3/8/2012	ND	
GU-3A	d	Copper	7440-50-8	mg/L	6/13/2012	ND	
MW-29	d	Copper	7440-50-8	mg/L	6/13/2012	ND	
MW-30R	d	Copper	7440-50-8	mg/L	6/13/2012	ND	
MW-31R	d	Copper	7440-50-8	mg/L	6/13/2012	ND	
MW-32R	d	Copper	7440-50-8	mg/L	6/13/2012	ND	
MW-33R	d	Copper	7440-50-8	mg/L	6/13/2012	ND	
MW-50	d	Copper	7440-50-8	mg/L	6/13/2012	ND	
MW-50	d	Copper	7440-50-8	mg/L	6/13/2012	ND	
MW-51	d	Copper	7440-50-8	mg/L	6/13/2012	ND	
MW-52	d	Copper	7440-50-8	mg/L	6/13/2012	ND	
MW-53	d	Copper	7440-50-8	mg/L	6/13/2012	ND	
MW-54	d	Copper	7440-50-8	mg/L	6/13/2012	ND	
GU-3A	d	Copper	7440-50-8	mg/L	9/4/2012	ND	
MW-20	d	Copper	7440-50-8	mg/L	9/4/2012	ND	
MW-21	d	Copper	7440-50-8	mg/L	9/4/2012	ND	
MW-22R	d	Copper	7440-50-8	mg/L	9/4/2012	ND	
MW-23	u	Copper	7440-50-8	mg/L	9/4/2012	ND	
MW-50	d	Copper	7440-50-8	mg/L	9/4/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-51	d	Copper	7440-50-8	mg/L	9/4/2012	ND	
MW-52	d	Copper	7440-50-8	mg/L	9/4/2012	ND	
MW-53	d	Copper	7440-50-8	mg/L	9/4/2012	ND	
MW-54	d	Copper	7440-50-8	mg/L	9/4/2012	ND	
MW-54	d	Copper	7440-50-8	mg/L	9/4/2012	ND	
MW-57	d	Copper	7440-50-8	mg/L	9/4/2012	ND	
MW-58	d	Copper	7440-50-8	mg/L	9/4/2012	ND	
MW-14R	d	Copper	7440-50-8	mg/L	12/19/2012	ND	
MW-19	d	Copper	7440-50-8	mg/L	12/19/2012	ND	
MW-28	d	Copper	7440-50-8	mg/L	12/19/2012	ND	
MW-29	d	Copper	7440-50-8	mg/L	12/19/2012	ND	
MW-30R	d	Copper	7440-50-8	mg/L	12/19/2012	ND	
MW-31R	d	Copper	7440-50-8	mg/L	12/19/2012	ND	
MW-32R	d	Copper	7440-50-8	mg/L	12/19/2012	ND	
MW-33R	d	Copper	7440-50-8	mg/L	12/19/2012	ND	
MW-33R	d	Copper	7440-50-8	mg/L	12/19/2012	ND	
MW-39	d	Copper	7440-50-8	mg/L	12/19/2012	ND	
MW-55	d	Copper	7440-50-8	mg/L	12/19/2012	ND	
MW-56	d	Copper	7440-50-8	mg/L	12/19/2012	ND	
MW-14R	d	Copper	7440-50-8	mg/L	3/11/2013	ND	
MW-19	d	Copper	7440-50-8	mg/L	3/11/2013	ND	
MW-23	u	Copper	7440-50-8	mg/L	3/11/2013	ND	
MW-28	d	Copper	7440-50-8	mg/L	3/11/2013	ND	
MW-39	d	Copper	7440-50-8	mg/L	3/11/2013	ND	
MW-50	d	Copper	7440-50-8	mg/L	3/11/2013	ND	
MW-50	d	Copper	7440-50-8	mg/L	3/11/2013	ND	
MW-51	d	Copper	7440-50-8	mg/L	3/11/2013	ND	
MW-52	d	Copper	7440-50-8	mg/L	3/11/2013	ND	
MW-53	d	Copper	7440-50-8	mg/L	3/11/2013	ND	
MW-54	d	Copper	7440-50-8	mg/L	3/11/2013	ND	
MW-55	d	Copper	7440-50-8	mg/L	3/11/2013	ND	
MW-56	d	Copper	7440-50-8	mg/L	3/11/2013	ND	
MW-20	d	Copper	7440-50-8	mg/L	6/10/2013	ND	
MW-20	d	Copper	7440-50-8	mg/L	6/10/2013	ND	
MW-21	d	Copper	7440-50-8	mg/L	6/10/2013	ND	
MW-22R	d	Copper	7440-50-8	mg/L	6/10/2013	ND	
MW-29	d	Copper	7440-50-8	mg/L	6/10/2013	ND	
MW-30R	d	Copper	7440-50-8	mg/L	6/10/2013	ND	
MW-31R	d	Copper	7440-50-8	mg/L	6/10/2013	ND	
MW-32R	d	Copper	7440-50-8	mg/L	6/10/2013	ND	
MW-33R	d	Copper	7440-50-8	mg/L	6/10/2013	ND	
MW-57	d	Copper	7440-50-8	mg/L	6/10/2013	ND	
MW-58	d	Copper	7440-50-8	mg/L	6/10/2013	ND	
GU-3A	d	Copper	7440-50-8	mg/L	9/10/2013	ND	
MW-23	u	Copper	7440-50-8	mg/L	9/10/2013	ND	
MW-31R	d	Copper	7440-50-8	mg/L	9/10/2013	ND	
MW-31R	d	Copper	7440-50-8	mg/L	9/10/2013	ND	
MW-32R	d	Copper	7440-50-8	mg/L	9/10/2013	ND	
MW-33R	d	Copper	7440-50-8	mg/L	9/10/2013	J	0.00346
MW-50	d	Copper	7440-50-8	mg/L	9/10/2013	ND	
MW-51	d	Copper	7440-50-8	mg/L	9/10/2013	ND	
MW-52	d	Copper	7440-50-8	mg/L	9/10/2013	ND	
MW-53	d	Copper	7440-50-8	mg/L	9/10/2013	ND	
MW-54	d	Copper	7440-50-8	mg/L	9/10/2013	ND	
MW-14R	d	Copper	7440-50-8	mg/L	12/18/2013	ND	
MW-18	d	Copper	7440-50-8	mg/L	12/18/2013	ND	
MW-19	d	Copper	7440-50-8	mg/L	12/18/2013	ND	
MW-20	d	Copper	7440-50-8	mg/L	12/18/2013	ND	
MW-21	d	Copper	7440-50-8	mg/L	12/18/2013	ND	
MW-22R	d	Copper	7440-50-8	mg/L	12/18/2013	J	0.00576
MW-28	d	Copper	7440-50-8	mg/L	12/18/2013	ND	
MW-30R	d	Copper	7440-50-8	mg/L	12/18/2013	ND	
MW-39	d	Copper	7440-50-8	mg/L	12/18/2013	ND	
MW-39	d	Copper	7440-50-8	mg/L	12/18/2013	ND	
MW-55	d	Copper	7440-50-8	mg/L	12/18/2013	ND	
MW-18	d	Copper	7440-50-8	mg/L	3/20/2014	ND	
MW-20	d	Copper	7440-50-8	mg/L	3/20/2014	ND	
MW-21	d	Copper	7440-50-8	mg/L	3/20/2014	ND	
MW-21	d	Copper	7440-50-8	mg/L	3/20/2014	ND	
MW-22R	d	Copper	7440-50-8	mg/L	3/20/2014	ND	
MW-23	u	Copper	7440-50-8	mg/L	3/20/2014	ND	
MW-30R	d	Copper	7440-50-8	mg/L	3/20/2014	ND	
MW-31R	d	Copper	7440-50-8	mg/L	3/20/2014	ND	
MW-32R	d	Copper	7440-50-8	mg/L	3/20/2014	J	0.00719
MW-33R	d	Copper	7440-50-8	mg/L	3/20/2014		0.0536
MW-14R	d	Copper	7440-50-8	mg/L	6/24/2014	ND	
MW-14R	d	Copper	7440-50-8	mg/L	6/24/2014	ND	
MW-18	d	Copper	7440-50-8	mg/L	6/24/2014	ND	
MW-19	d	Copper	7440-50-8	mg/L	6/24/2014	J	0.00674
MW-28	d	Copper	7440-50-8	mg/L	6/24/2014	ND	
MW-39	d	Copper	7440-50-8	mg/L	6/24/2014	ND	
MW-50	d	Copper	7440-50-8	mg/L	6/24/2014	ND	
MW-51	d	Copper	7440-50-8	mg/L	6/24/2014	ND	
MW-52	d	Copper	7440-50-8	mg/L	6/24/2014	ND	
MW-53	d	Copper	7440-50-8	mg/L	6/24/2014	ND	
MW-54	d	Copper	7440-50-8	mg/L	6/24/2014	ND	
MW-55	d	Copper	7440-50-8	mg/L	6/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	Copper	7440-50-8	mg/L	6/24/2014	ND	
MW-29	d	Copper	7440-50-8	mg/L	7/24/2014	ND	
MW-56	d	Copper	7440-50-8	mg/L	7/24/2014	ND	
MW-57	d	Copper	7440-50-8	mg/L	7/24/2014	ND	
GU-3A	d	Copper	7440-50-8	mg/L	9/24/2014	ND	
MW-18	d	Copper	7440-50-8	mg/L	9/24/2014	ND	
MW-23	u	Copper	7440-50-8	mg/L	9/24/2014	ND	
MW-24R	u	Copper	7440-50-8	mg/L	9/24/2014	ND	
MW-29	d	Copper	7440-50-8	mg/L	9/24/2014	ND	
MW-30R	d	Copper	7440-50-8	mg/L	9/24/2014	ND	
MW-31R	d	Copper	7440-50-8	mg/L	9/24/2014	ND	
MW-31R	d	Copper	7440-50-8	mg/L	9/24/2014	ND	
MW-32R	d	Copper	7440-50-8	mg/L	9/24/2014	ND	
MW-33R	d	Copper	7440-50-8	mg/L	9/24/2014	ND	
MW-50	d	Copper	7440-50-8	mg/L	9/24/2014	ND	
MW-51	d	Copper	7440-50-8	mg/L	9/24/2014	ND	
MW-52	d	Copper	7440-50-8	mg/L	9/24/2014	ND	
MW-53	d	Copper	7440-50-8	mg/L	9/24/2014	ND	
MW-54	d	Copper	7440-50-8	mg/L	9/24/2014	ND	
MW-14R	d	Copper	7440-50-8	mg/L	12/4/2014	ND	
MW-18	d	Copper	7440-50-8	mg/L	12/4/2014	ND	
MW-19	d	Copper	7440-50-8	mg/L	12/4/2014	J	0.00807
MW-20	d	Copper	7440-50-8	mg/L	12/4/2014	ND	
MW-21	d	Copper	7440-50-8	mg/L	12/4/2014	ND	
MW-22R	d	Copper	7440-50-8	mg/L	12/4/2014	ND	
MW-28	d	Copper	7440-50-8	mg/L	12/4/2014	ND	
MW-39	d	Copper	7440-50-8	mg/L	12/4/2014	ND	
MW-56	d	Copper	7440-50-8	mg/L	12/4/2014	J	0.00523
MW-57	d	Copper	7440-50-8	mg/L	12/4/2014	J	0.00528
MW-57	d	Copper	7440-50-8	mg/L	12/4/2014	J	0.00697
MW-58	d	Copper	7440-50-8	mg/L	12/4/2014	J	0.00406
MW-14R	d	Copper	7440-50-8	mg/L	3/11/2015	ND	
MW-18	d	Copper	7440-50-8	mg/L	3/11/2015	J	0.000892
MW-19	d	Copper	7440-50-8	mg/L	3/11/2015	ND	
MW-20	d	Copper	7440-50-8	mg/L	3/11/2015	ND	
MW-21	d	Copper	7440-50-8	mg/L	3/11/2015		0.0022
MW-22R	d	Copper	7440-50-8	mg/L	3/11/2015		0.00261
MW-23	u	Copper	7440-50-8	mg/L	3/11/2015	J	0.00109
MW-24R	u	Copper	7440-50-8	mg/L	3/11/2015		0.00329
MW-28	d	Copper	7440-50-8	mg/L	3/11/2015	ND	
MW-39	d	Copper	7440-50-8	mg/L	3/11/2015	J	0.000548
MW-55	d	Copper	7440-50-8	mg/L	3/11/2015	J	0.00157
MW-56	d	Copper	7440-50-8	mg/L	3/11/2015	J	0.00106
MW-57	d	Copper	7440-50-8	mg/L	3/11/2015		0.00221
MW-58	d	Copper	7440-50-8	mg/L	3/11/2015		0.00344
MW-58	d	Copper	7440-50-8	mg/L	3/11/2015	J	0.00159
MW-29	d	Copper	7440-50-8	mg/L	6/29/2015	J	0.000668
MW-30R	d	Copper	7440-50-8	mg/L	6/29/2015		0.00245
MW-31R	d	Copper	7440-50-8	mg/L	6/29/2015	J	0.000508
MW-31R	d	Copper	7440-50-8	mg/L	6/29/2015	ND	
MW-32R	d	Copper	7440-50-8	mg/L	6/29/2015	J	0.000701
MW-33R	d	Copper	7440-50-8	mg/L	6/29/2015		0.00242
MW-50	d	Copper	7440-50-8	mg/L	6/29/2015	J	0.000764
MW-51	d	Copper	7440-50-8	mg/L	6/29/2015	ND	
MW-52	d	Copper	7440-50-8	mg/L	6/29/2015	ND	
MW-53	d	Copper	7440-50-8	mg/L	6/29/2015	ND	
MW-54	d	Copper	7440-50-8	mg/L	6/29/2015	ND	
GU-3A	d	Copper	7440-50-8	mg/L	9/22/2015		0.00855
MW-14R	d	Copper	7440-50-8	mg/L	2/15/2016	J	0.000659
MW-14R	d	Copper	7440-50-8	mg/L	2/15/2016	J	0.000656
MW-18	d	Copper	7440-50-8	mg/L	2/15/2016	J	0.000744
MW-19	d	Copper	7440-50-8	mg/L	2/15/2016		0.00897
MW-39	d	Copper	7440-50-8	mg/L	2/15/2016	J	0.000548
MW-20	d	Copper	7440-50-8	mg/L	2/16/2016	J	0.000929
MW-21	d	Copper	7440-50-8	mg/L	2/16/2016		0.00263
MW-55	d	Copper	7440-50-8	mg/L	2/16/2016	J	0.00178
MW-56	d	Copper	7440-50-8	mg/L	2/16/2016		0.00358
MW-57	d	Copper	7440-50-8	mg/L	2/16/2016	J	0.000901
MW-58	d	Copper	7440-50-8	mg/L	2/16/2016	ND	
MW-22R	d	Copper	7440-50-8	mg/L	2/17/2016		0.00284
MW-23	u	Copper	7440-50-8	mg/L	2/17/2016	J	0.00116
MW-24R	u	Copper	7440-50-8	mg/L	2/17/2016		0.0053
MW-28	d	Copper	7440-50-8	mg/L	8/25/2016	J	0.00142
MW-29	d	Copper	7440-50-8	mg/L	8/25/2016	ND	
MW-30R	d	Copper	7440-50-8	mg/L	8/25/2016	J	0.00217
MW-31R	d	Copper	7440-50-8	mg/L	8/25/2016	ND	
MW-32R	d	Copper	7440-50-8	mg/L	8/25/2016	ND	
MW-33R	d	Copper	7440-50-8	mg/L	8/25/2016	J	0.00391
MW-50	d	Copper	7440-50-8	mg/L	8/25/2016	J	0.0017
MW-51	d	Copper	7440-50-8	mg/L	8/25/2016	ND	
MW-52	d	Copper	7440-50-8	mg/L	8/25/2016	ND	
MW-53	d	Copper	7440-50-8	mg/L	8/25/2016	ND	
MW-54	d	Copper	7440-50-8	mg/L	8/25/2016	ND	
GU-3A	d	Copper	7440-50-8	mg/L	8/26/2016	J	0.0021
MW-18	d	Copper	7440-50-8	mg/L	1/17/2017	J	0.00229
MW-19	d	Copper	7440-50-8	mg/L	1/17/2017		0.0058
MW-22R	d	Copper	7440-50-8	mg/L	1/17/2017	J	0.00212

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-23	u	Copper	7440-50-8	mg/L	1/17/2017	ND	
MW-24R	u	Copper	7440-50-8	mg/L	1/17/2017	ND	
MW-28	d	Copper	7440-50-8	mg/L	1/17/2017	ND	
MW-28	d	Copper	7440-50-8	mg/L	1/17/2017	ND	
MW-39	d	Copper	7440-50-8	mg/L	1/17/2017	J	0.00131
MW-50	d	Copper	7440-50-8	mg/L	1/17/2017	ND	
MW-51	d	Copper	7440-50-8	mg/L	1/17/2017	ND	
MW-53	d	Copper	7440-50-8	mg/L	1/17/2017	ND	
MW-54	d	Copper	7440-50-8	mg/L	1/17/2017	ND	
MW-56	d	Copper	7440-50-8	mg/L	1/17/2017	J	0.00421
GU-3A	d	Copper	7440-50-8	mg/L	7/10/2017	ND	
MW-14R	d	Copper	7440-50-8	mg/L	7/10/2017	ND	
MW-20	d	Copper	7440-50-8	mg/L	7/10/2017	J	0.0025
MW-21	d	Copper	7440-50-8	mg/L	7/10/2017	J	0.00328
MW-29	d	Copper	7440-50-8	mg/L	7/10/2017	ND	
MW-30R	d	Copper	7440-50-8	mg/L	7/10/2017	ND	
MW-31R	d	Copper	7440-50-8	mg/L	7/10/2017	ND	
MW-32R	d	Copper	7440-50-8	mg/L	7/10/2017	ND	
MW-32R	d	Copper	7440-50-8	mg/L	7/10/2017	ND	
MW-33R	d	Copper	7440-50-8	mg/L	7/10/2017	ND	
MW-57	d	Copper	7440-50-8	mg/L	7/10/2017		0.00632
MW-58	d	Copper	7440-50-8	mg/L	7/10/2017	ND	
MW-52	d	Copper	7440-50-8	mg/L	10/17/2017	J	0.00457
MW-55	d	Copper	7440-50-8	mg/L	10/17/2017	J	0.00386
GU-3A	d	Copper	7440-50-8	mg/L	4/3/2018		0.077
GU-3A	d	Copper	7440-50-8	mg/L	4/3/2018		0.135
MW-14R	d	Copper	7440-50-8	mg/L	4/3/2018	ND	
MW-20	d	Copper	7440-50-8	mg/L	4/3/2018		0.0056
MW-21	d	Copper	7440-50-8	mg/L	4/3/2018	J	0.0041
MW-29	d	Copper	7440-50-8	mg/L	4/3/2018	ND	
MW-30R	d	Copper	7440-50-8	mg/L	4/3/2018	ND	
MW-31R	d	Copper	7440-50-8	mg/L	4/3/2018	ND	
MW-32R	d	Copper	7440-50-8	mg/L	4/3/2018	J	0.00201
MW-33R	d	Copper	7440-50-8	mg/L	4/3/2018		0.00824
MW-33R	d	Copper	7440-50-8	mg/L	4/3/2018		0.00828
MW-57	d	Copper	7440-50-8	mg/L	4/3/2018		0.0317
MW-58	d	Copper	7440-50-8	mg/L	4/3/2018		0.0432
MW-23	u	Copper	7440-50-8	mg/L	11/1/2018	ND	
MW-24R	u	Copper	7440-50-8	mg/L	11/1/2018	ND	
MW-39	d	Copper	7440-50-8	mg/L	11/1/2018	ND	
MW-50	d	Copper	7440-50-8	mg/L	11/1/2018	ND	
MW-51	d	Copper	7440-50-8	mg/L	11/1/2018	ND	
MW-52	d	Copper	7440-50-8	mg/L	11/1/2018	J	0.00166
MW-53	d	Copper	7440-50-8	mg/L	11/1/2018	ND	
MW-54	d	Copper	7440-50-8	mg/L	11/1/2018	ND	
MW-55	d	Copper	7440-50-8	mg/L	11/1/2018	ND	
MW-18	d	Copper	7440-50-8	mg/L	11/2/2018	ND	
MW-19	d	Copper	7440-50-8	mg/L	11/2/2018		0.0763
MW-22R	d	Copper	7440-50-8	mg/L	11/2/2018		0.00677
MW-28	d	Copper	7440-50-8	mg/L	11/2/2018	ND	
MW-56	d	Copper	7440-50-8	mg/L	11/2/2018	ND	
MW-18	d	Copper	7440-50-8	mg/L	5/16/2019		0.0249
MW-19	d	Copper	7440-50-8	mg/L	5/16/2019		0.197
MW-23	u	Copper	7440-50-8	mg/L	5/16/2019		0.0171
MW-24R	u	Copper	7440-50-8	mg/L	5/16/2019		0.0438
MW-28	d	Copper	7440-50-8	mg/L	5/16/2019		0.0446
MW-39	d	Copper	7440-50-8	mg/L	5/16/2019	ND	
MW-55	d	Copper	7440-50-8	mg/L	5/16/2019	ND	
MW-50	d	Copper	7440-50-8	mg/L	5/20/2019	J	0.00084
MW-51	d	Copper	7440-50-8	mg/L	5/20/2019	ND	
MW-52	d	Copper	7440-50-8	mg/L	5/20/2019		0.0587
MW-54	d	Copper	7440-50-8	mg/L	5/20/2019		0.04
MW-56	d	Copper	7440-50-8	mg/L	5/20/2019		0.0239
MW-53	d	Copper	7440-50-8	mg/L	5/21/2019		0.0065
MW-14R	d	Copper	7440-50-8	mg/L	9/11/2019	ND	
MW-29	d	Copper	7440-50-8	mg/L	9/11/2019	ND	
MW-30R	d	Copper	7440-50-8	mg/L	9/11/2019	ND	
MW-31R	d	Copper	7440-50-8	mg/L	9/11/2019	ND	
MW-32R	d	Copper	7440-50-8	mg/L	9/11/2019	ND	
MW-33R	d	Copper	7440-50-8	mg/L	9/11/2019	J	0.00347
MW-58	d	Copper	7440-50-8	mg/L	9/11/2019	ND	
GU-3A	d	Copper	7440-50-8	mg/L	3/16/2020	ND	
MW-31R	d	Copper	7440-50-8	mg/L	3/16/2020	ND	
MW-32R	d	Copper	7440-50-8	mg/L	3/16/2020	ND	
MW-33R	d	Copper	7440-50-8	mg/L	3/16/2020		0.0163
MW-14R	d	Copper	7440-50-8	mg/L	3/17/2020	ND	
MW-29	d	Copper	7440-50-8	mg/L	3/17/2020	ND	
MW-30R	d	Copper	7440-50-8	mg/L	3/17/2020	ND	
MW-58	d	Copper	7440-50-8	mg/L	3/17/2020	ND	
MW-19	d	Copper	7440-50-8	mg/L	7/20/2020	ND	
MW-28	d	Copper	7440-50-8	mg/L	7/20/2020	ND	
MW-51	d	Copper	7440-50-8	mg/L	7/20/2020	ND	
MW-55	d	Copper	7440-50-8	mg/L	7/20/2020	ND	
MW-56	d	Copper	7440-50-8	mg/L	7/20/2020	ND	
MW-57R	d	Copper	7440-50-8	mg/L	7/20/2020	J	0.00328
MW-73	d	Copper	7440-50-8	mg/L	7/20/2020	ND	
MW-18	d	Copper	7440-50-8	mg/L	7/21/2020	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	Copper	7440-50-8	mg/L	7/21/2020	ND	
MW-50	d	Copper	7440-50-8	mg/L	7/21/2020	ND	
MW-52	d	Copper	7440-50-8	mg/L	7/21/2020	ND	
MW-53	d	Copper	7440-50-8	mg/L	7/21/2020	ND	
MW-54	d	Copper	7440-50-8	mg/L	7/21/2020	ND	
MW-23	u	Copper	7440-50-8	mg/L	7/22/2020	ND	
MW-24R	u	Copper	7440-50-8	mg/L	7/22/2020	ND	
MW-55	d	Copper	7440-50-8	mg/L	11/12/2020	ND	
MW-32R	d	Copper	7440-50-8	mg/L	8/24/2021	J	0.00206
MW-33R	d	Copper	7440-50-8	mg/L	8/24/2021		0.0072
MW-14R	d	Copper	7440-50-8	mg/L	8/24/2021		<0.00500
MW-31R	d	Copper	7440-50-8	mg/L	8/24/2021		<0.00500
MW-29	d	Copper	7440-50-8	mg/L	8/25/2021		<0.00500
MW-58	d	Copper	7440-50-8	mg/L	8/25/2021		<0.00500
MW-30R	d	Copper	7440-50-8	mg/L	8/25/2021		<0.00500
MW-57R	d	Copper	7440-50-8	mg/L	8/26/2021	J	0.00196
MW-73	d	Copper	7440-50-8	mg/L	8/27/2021		0.00756
GU-3A	d	Copper	7440-50-8	mg/L	9/8/2021		<0.00500
MW-24R	u	Copper	7440-50-8	mg/L	12/7/2021		<0.00500
MW-28	d	Copper	7440-50-8	mg/L	12/7/2021		<0.00500
MW-57R	d	Copper	7440-50-8	mg/L	12/7/2021	J	0.00316
MW-73	d	Copper	7440-50-8	mg/L	12/7/2021		0.00529
MW-56	d	Copper	7440-50-8	mg/L	12/7/2021		<0.00500
MW-19	d	Copper	7440-50-8	mg/L	12/7/2021		<0.00500
MW-18	d	Copper	7440-50-8	mg/L	12/7/2021		<0.00500
MW-55	d	Copper	7440-50-8	mg/L	12/7/2021		<0.00500
MW-50	d	Copper	7440-50-8	mg/L	12/7/2021		<0.00500
MW-23	u	Copper	7440-50-8	mg/L	12/8/2021		<0.00500
MW-39	d	Copper	7440-50-8	mg/L	12/8/2021		<0.00500
MW-51	d	Copper	7440-50-8	mg/L	12/8/2021		<0.00500
MW-52	d	Copper	7440-50-8	mg/L	12/8/2021		<0.00500
MW-53	d	Copper	7440-50-8	mg/L	12/8/2021		<0.00500
MW-54	d	Copper	7440-50-8	mg/L	12/8/2021		<0.00500
MW-22R	d	Cyanide	57-12-5	mg/L	3/24/2010	ND	
MW-22R	d	Cyanide	57-12-5	mg/L	9/17/2010	ND	
MW-22R	d	Cyanide	57-12-5	mg/L	2/22/2011	ND	
MW-22R	d	Cyanide	57-12-5	mg/L	9/9/2011	ND	
MW-22R	d	Cyanide	57-12-5	mg/L	3/8/2012	ND	
MW-22R	d	Cyanide	57-12-5	mg/L	9/4/2012	ND	
MW-39	d	Cyanide	57-12-5	mg/L	3/11/2013	ND	
MW-22R	d	Cyanide	57-12-5	mg/L	6/10/2013	ND	
MW-31R	d	Cyanide	57-12-5	mg/L	9/10/2013	ND	
MW-32R	d	Cyanide	57-12-5	mg/L	9/10/2013	ND	
MW-18	d	Cyanide	57-12-5	mg/L	12/18/2013	ND	
MW-20	d	Cyanide	57-12-5	mg/L	12/18/2013	ND	
MW-21	d	Cyanide	57-12-5	mg/L	12/18/2013	ND	
MW-22R	d	Cyanide	57-12-5	mg/L	12/18/2013	ND	
MW-30R	d	Cyanide	57-12-5	mg/L	12/18/2013	ND	
MW-22R	d	Cyanide	57-12-5	mg/L	3/20/2014	ND	
MW-18	d	Cyanide	57-12-5	mg/L	6/24/2014	ND	
MW-29	d	Cyanide	57-12-5	mg/L	7/24/2014	ND	
MW-57	d	Cyanide	57-12-5	mg/L	7/24/2014	ND	
MW-58	d	Cyanide	57-12-5	mg/L	7/24/2014	ND	
MW-33R	d	Cyanide	57-12-5	mg/L	9/24/2014	ND	
MW-50	d	Cyanide	57-12-5	mg/L	9/24/2014	ND	
MW-51	d	Cyanide	57-12-5	mg/L	9/24/2014	ND	
MW-52	d	Cyanide	57-12-5	mg/L	9/24/2014	ND	
MW-53	d	Cyanide	57-12-5	mg/L	9/24/2014	ND	
MW-54	d	Cyanide	57-12-5	mg/L	9/24/2014	ND	
MW-14R	d	Cyanide	57-12-5	mg/L	12/4/2014	ND	
MW-19	d	Cyanide	57-12-5	mg/L	12/4/2014	ND	
MW-22R	d	Cyanide	57-12-5	mg/L	12/4/2014	ND	
MW-28	d	Cyanide	57-12-5	mg/L	12/4/2014	ND	
MW-56	d	Cyanide	57-12-5	mg/L	12/4/2014	ND	
MW-22R	d	Cyanide	57-12-5	mg/L	3/11/2015	ND	
MW-55	d	Cyanide	57-12-5	mg/L	3/11/2015	J	0.00318
MW-20	d	Cyanide	57-12-5	mg/L	4/3/2018	J	0.00731
MW-21	d	Cyanide	57-12-5	mg/L	4/3/2018	ND	
MW-30R	d	Cyanide	57-12-5	mg/L	4/3/2018	ND	
MW-31R	d	Cyanide	57-12-5	mg/L	4/3/2018	ND	
MW-32R	d	Cyanide	57-12-5	mg/L	4/3/2018	ND	
MW-39	d	Cyanide	57-12-5	mg/L	11/1/2018	ND	
MW-22R	d	Cyanide	57-12-5	mg/L	11/2/2018	ND	
MW-18	d	Cyanide	57-12-5	mg/L	5/16/2019	ND	
MW-19	d	Cyanide	57-12-5	mg/L	5/16/2019	ND	
MW-28	d	Cyanide	57-12-5	mg/L	5/16/2019	ND	
MW-50	d	Cyanide	57-12-5	mg/L	5/20/2019	ND	
MW-51	d	Cyanide	57-12-5	mg/L	5/20/2019	ND	
MW-52	d	Cyanide	57-12-5	mg/L	5/20/2019	ND	
MW-54	d	Cyanide	57-12-5	mg/L	5/20/2019	ND	
MW-56	d	Cyanide	57-12-5	mg/L	5/20/2019	ND	
MW-53	d	Cyanide	57-12-5	mg/L	5/21/2019	ND	
MW-14R	d	Cyanide	57-12-5	mg/L	9/11/2019	ND	
MW-29	d	Cyanide	57-12-5	mg/L	9/11/2019	ND	
MW-33R	d	Cyanide	57-12-5	mg/L	9/11/2019	ND	
MW-58	d	Cyanide	57-12-5	mg/L	9/11/2019	ND	
MW-55	d	Cyanide	57-12-5	mg/L	11/12/2020	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	Delta-BHC	319-86-8	ug/L	3/11/2013	ND	
MW-31R	d	Delta-BHC	319-86-8	ug/L	9/10/2013	ND	
MW-32R	d	Delta-BHC	319-86-8	ug/L	9/10/2013	ND	
MW-18	d	Delta-BHC	319-86-8	ug/L	12/18/2013	ND	
MW-20	d	Delta-BHC	319-86-8	ug/L	12/18/2013	ND	
MW-21	d	Delta-BHC	319-86-8	ug/L	12/18/2013	ND	
MW-22R	d	Delta-BHC	319-86-8	ug/L	12/18/2013	ND	
MW-30R	d	Delta-BHC	319-86-8	ug/L	12/18/2013	ND	
MW-18	d	Delta-BHC	319-86-8	ug/L	6/24/2014	ND	
MW-29	d	Delta-BHC	319-86-8	ug/L	7/24/2014	J	0.0123
MW-57	d	Delta-BHC	319-86-8	ug/L	7/24/2014	ND	
MW-58	d	Delta-BHC	319-86-8	ug/L	7/24/2014	ND	
MW-33R	d	Delta-BHC	319-86-8	ug/L	9/24/2014	ND	
MW-50	d	Delta-BHC	319-86-8	ug/L	9/24/2014	ND	
MW-51	d	Delta-BHC	319-86-8	ug/L	9/24/2014	ND	
MW-52	d	Delta-BHC	319-86-8	ug/L	9/24/2014	ND	
MW-53	d	Delta-BHC	319-86-8	ug/L	9/24/2014	ND	
MW-54	d	Delta-BHC	319-86-8	ug/L	9/24/2014	J	0.00611
MW-14R	d	Delta-BHC	319-86-8	ug/L	12/4/2014	ND	
MW-19	d	Delta-BHC	319-86-8	ug/L	12/4/2014	ND	
MW-28	d	Delta-BHC	319-86-8	ug/L	12/4/2014	ND	
MW-56	d	Delta-BHC	319-86-8	ug/L	12/4/2014	ND	
MW-55	d	Delta-BHC	319-86-8	ug/L	3/11/2015	ND	
MW-20	d	Delta-BHC	319-86-8	ug/L	4/3/2018	ND	
MW-21	d	Delta-BHC	319-86-8	ug/L	4/3/2018	J	0.00486
MW-30R	d	Delta-BHC	319-86-8	ug/L	4/3/2018	ND	
MW-31R	d	Delta-BHC	319-86-8	ug/L	4/3/2018	J	0.00543
MW-32R	d	Delta-BHC	319-86-8	ug/L	4/3/2018	ND	
MW-39	d	Delta-BHC	319-86-8	ug/L	11/1/2018	ND	
MW-22R	d	Delta-BHC	319-86-8	ug/L	11/2/2018	ND	
MW-18	d	Delta-BHC	319-86-8	ug/L	5/16/2019	ND	
MW-28	d	Delta-BHC	319-86-8	ug/L	5/16/2019	ND	
MW-19	d	Delta-BHC	319-86-8	ug/L	5/20/2019	ND	
MW-50	d	Delta-BHC	319-86-8	ug/L	5/20/2019	ND	
MW-51	d	Delta-BHC	319-86-8	ug/L	5/20/2019	ND	
MW-52	d	Delta-BHC	319-86-8	ug/L	5/20/2019	ND	
MW-53	d	Delta-BHC	319-86-8	ug/L	5/20/2019	J	0.00372
MW-54	d	Delta-BHC	319-86-8	ug/L	5/20/2019	ND	
MW-56	d	Delta-BHC	319-86-8	ug/L	5/20/2019	ND	
MW-14R	d	Delta-BHC	319-86-8	ug/L	9/11/2019	ND	
MW-29	d	Delta-BHC	319-86-8	ug/L	9/11/2019	ND	
MW-33R	d	Delta-BHC	319-86-8	ug/L	9/11/2019	ND	
MW-58	d	Delta-BHC	319-86-8	ug/L	9/11/2019	JP	0.004
MW-31R	d	Delta-BHC	319-86-8	ug/L	3/16/2020	J	0.00384
MW-58	d	Delta-BHC	319-86-8	ug/L	3/17/2020	J	0.0122
MW-55	d	Delta-BHC	319-86-8	ug/L	11/12/2020	J	0.00415
MW-31R	d	Delta-BHC	319-86-8	ug/L	8/24/2021		<0.0337
MW-29	d	Delta-BHC	319-86-8	ug/L	8/25/2021		<0.0337
MW-58	d	Delta-BHC	319-86-8	ug/L	8/25/2021		<0.0333
MW-39	d	Diallate [cis or trans]	2303-16-4	ug/L	3/11/2013	ND	
MW-31R	d	Diallate [cis or trans]	2303-16-4	ug/L	9/10/2013	ND	
MW-32R	d	Diallate [cis or trans]	2303-16-4	ug/L	9/10/2013	ND	
MW-18	d	Diallate [cis or trans]	2303-16-4	ug/L	12/18/2013	ND	
MW-20	d	Diallate [cis or trans]	2303-16-4	ug/L	12/18/2013	ND	
MW-21	d	Diallate [cis or trans]	2303-16-4	ug/L	12/18/2013	ND	
MW-22R	d	Diallate [cis or trans]	2303-16-4	ug/L	12/18/2013	ND	
MW-30R	d	Diallate [cis or trans]	2303-16-4	ug/L	12/18/2013	ND	
MW-18	d	Diallate [cis or trans]	2303-16-4	ug/L	6/24/2014	ND	
MW-29	d	Diallate [cis or trans]	2303-16-4	ug/L	7/24/2014	ND	
MW-57	d	Diallate [cis or trans]	2303-16-4	ug/L	7/24/2014	ND	
MW-58	d	Diallate [cis or trans]	2303-16-4	ug/L	7/24/2014	ND	
MW-33R	d	Diallate [cis or trans]	2303-16-4	ug/L	9/24/2014	ND	
MW-50	d	Diallate [cis or trans]	2303-16-4	ug/L	9/24/2014	ND	
MW-51	d	Diallate [cis or trans]	2303-16-4	ug/L	9/24/2014	ND	
MW-52	d	Diallate [cis or trans]	2303-16-4	ug/L	9/24/2014	ND	
MW-53	d	Diallate [cis or trans]	2303-16-4	ug/L	9/24/2014	ND	
MW-54	d	Diallate [cis or trans]	2303-16-4	ug/L	9/24/2014	ND	
MW-14R	d	Diallate [cis or trans]	2303-16-4	ug/L	12/4/2014	ND	
MW-19	d	Diallate [cis or trans]	2303-16-4	ug/L	12/4/2014	ND	
MW-28	d	Diallate [cis or trans]	2303-16-4	ug/L	12/4/2014	ND	
MW-56	d	Diallate [cis or trans]	2303-16-4	ug/L	12/4/2014	ND	
MW-55	d	Diallate [cis or trans]	2303-16-4	ug/L	3/11/2015	ND	
MW-20	d	Diallate [cis or trans]	2303-16-4	ug/L	4/3/2018	ND	
MW-21	d	Diallate [cis or trans]	2303-16-4	ug/L	4/3/2018	ND	
MW-30R	d	Diallate [cis or trans]	2303-16-4	ug/L	4/3/2018	ND	
MW-31R	d	Diallate [cis or trans]	2303-16-4	ug/L	4/3/2018	ND	
MW-32R	d	Diallate [cis or trans]	2303-16-4	ug/L	4/3/2018	ND	
MW-39	d	Diallate [cis or trans]	2303-16-4	ug/L	11/1/2018	ND	
MW-22R	d	Diallate [cis or trans]	2303-16-4	ug/L	11/2/2018	ND	
MW-18	d	Diallate [cis or trans]	2303-16-4	ug/L	5/16/2019	ND	
MW-19	d	Diallate [cis or trans]	2303-16-4	ug/L	5/16/2019	ND	
MW-28	d	Diallate [cis or trans]	2303-16-4	ug/L	5/16/2019	ND	
MW-50	d	Diallate [cis or trans]	2303-16-4	ug/L	5/20/2019	ND	
MW-51	d	Diallate [cis or trans]	2303-16-4	ug/L	5/20/2019	ND	
MW-52	d	Diallate [cis or trans]	2303-16-4	ug/L	5/20/2019	ND	
MW-53	d	Diallate [cis or trans]	2303-16-4	ug/L	5/20/2019	ND	
MW-54	d	Diallate [cis or trans]	2303-16-4	ug/L	5/20/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	Diallate [cis or trans]	2303-16-4	ug/L	5/20/2019	ND	
MW-14R	d	Diallate [cis or trans]	2303-16-4	ug/L	9/11/2019	ND	
MW-29	d	Diallate [cis or trans]	2303-16-4	ug/L	9/11/2019	ND	
MW-33R	d	Diallate [cis or trans]	2303-16-4	ug/L	9/11/2019	ND	
MW-58	d	Diallate [cis or trans]	2303-16-4	ug/L	9/11/2019	ND	
MW-55	d	Diallate [cis or trans]	2303-16-4	ug/L	11/12/2020	ND	
MW-39	d	Dibenz [a,h] anthracene	53-70-3	ug/L	3/11/2013	ND	
MW-31R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/10/2013	ND	
MW-32R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/10/2013	ND	
MW-18	d	Dibenz [a,h] anthracene	53-70-3	ug/L	12/18/2013	ND	
MW-20	d	Dibenz [a,h] anthracene	53-70-3	ug/L	12/18/2013	ND	
MW-21	d	Dibenz [a,h] anthracene	53-70-3	ug/L	12/18/2013	ND	
MW-22R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	12/18/2013	ND	
MW-30R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	12/18/2013	ND	
MW-18	d	Dibenz [a,h] anthracene	53-70-3	ug/L	6/24/2014	ND	
MW-29	d	Dibenz [a,h] anthracene	53-70-3	ug/L	7/24/2014	ND	
MW-57	d	Dibenz [a,h] anthracene	53-70-3	ug/L	7/24/2014	ND	
MW-58	d	Dibenz [a,h] anthracene	53-70-3	ug/L	7/24/2014	ND	
MW-33R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/24/2014	ND	
MW-50	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/24/2014	ND	
MW-51	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/24/2014	ND	
MW-52	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/24/2014	ND	
MW-53	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/24/2014	ND	
MW-54	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/24/2014	ND	
MW-14R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	12/4/2014	ND	
MW-19	d	Dibenz [a,h] anthracene	53-70-3	ug/L	12/4/2014	ND	
MW-28	d	Dibenz [a,h] anthracene	53-70-3	ug/L	12/4/2014	ND	
MW-56	d	Dibenz [a,h] anthracene	53-70-3	ug/L	12/4/2014	ND	
MW-55	d	Dibenz [a,h] anthracene	53-70-3	ug/L	3/11/2015	ND	
MW-20	d	Dibenz [a,h] anthracene	53-70-3	ug/L	4/3/2018	ND	
MW-21	d	Dibenz [a,h] anthracene	53-70-3	ug/L	4/3/2018	ND	
MW-30R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	4/3/2018	ND	
MW-31R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	4/3/2018	ND	
MW-32R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	4/3/2018	ND	
MW-39	d	Dibenz [a,h] anthracene	53-70-3	ug/L	11/1/2018	ND	
MW-22R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	11/2/2018	ND	
MW-18	d	Dibenz [a,h] anthracene	53-70-3	ug/L	5/16/2019	ND	
MW-19	d	Dibenz [a,h] anthracene	53-70-3	ug/L	5/16/2019	ND	
MW-28	d	Dibenz [a,h] anthracene	53-70-3	ug/L	5/16/2019	ND	
MW-50	d	Dibenz [a,h] anthracene	53-70-3	ug/L	5/20/2019	ND	
MW-51	d	Dibenz [a,h] anthracene	53-70-3	ug/L	5/20/2019	ND	
MW-52	d	Dibenz [a,h] anthracene	53-70-3	ug/L	5/20/2019	ND	
MW-53	d	Dibenz [a,h] anthracene	53-70-3	ug/L	5/20/2019	ND	
MW-54	d	Dibenz [a,h] anthracene	53-70-3	ug/L	5/20/2019	ND	
MW-56	d	Dibenz [a,h] anthracene	53-70-3	ug/L	5/20/2019	ND	
MW-14R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/11/2019	ND	
MW-29	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/11/2019	ND	
MW-33R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/11/2019	ND	
MW-58	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/11/2019	ND	
MW-55	d	Dibenz [a,h] anthracene	53-70-3	ug/L	11/12/2020	ND	
MW-39	d	Dibenzofuran	132-64-9	ug/L	3/11/2013	ND	
MW-31R	d	Dibenzofuran	132-64-9	ug/L	9/10/2013	ND	
MW-32R	d	Dibenzofuran	132-64-9	ug/L	9/10/2013	ND	
MW-18	d	Dibenzofuran	132-64-9	ug/L	12/18/2013	ND	
MW-20	d	Dibenzofuran	132-64-9	ug/L	12/18/2013	ND	
MW-21	d	Dibenzofuran	132-64-9	ug/L	12/18/2013	ND	
MW-22R	d	Dibenzofuran	132-64-9	ug/L	12/18/2013	ND	
MW-30R	d	Dibenzofuran	132-64-9	ug/L	12/18/2013	ND	
MW-18	d	Dibenzofuran	132-64-9	ug/L	6/24/2014	ND	
MW-29	d	Dibenzofuran	132-64-9	ug/L	7/24/2014	ND	
MW-57	d	Dibenzofuran	132-64-9	ug/L	7/24/2014	ND	
MW-58	d	Dibenzofuran	132-64-9	ug/L	7/24/2014	ND	
MW-33R	d	Dibenzofuran	132-64-9	ug/L	9/24/2014	ND	
MW-50	d	Dibenzofuran	132-64-9	ug/L	9/24/2014	ND	
MW-51	d	Dibenzofuran	132-64-9	ug/L	9/24/2014	ND	
MW-52	d	Dibenzofuran	132-64-9	ug/L	9/24/2014	ND	
MW-53	d	Dibenzofuran	132-64-9	ug/L	9/24/2014	ND	
MW-54	d	Dibenzofuran	132-64-9	ug/L	9/24/2014	ND	
MW-14R	d	Dibenzofuran	132-64-9	ug/L	12/4/2014	ND	
MW-19	d	Dibenzofuran	132-64-9	ug/L	12/4/2014	ND	
MW-28	d	Dibenzofuran	132-64-9	ug/L	12/4/2014	ND	
MW-56	d	Dibenzofuran	132-64-9	ug/L	12/4/2014	ND	
MW-55	d	Dibenzofuran	132-64-9	ug/L	3/11/2015	ND	
MW-20	d	Dibenzofuran	132-64-9	ug/L	4/3/2018	ND	
MW-21	d	Dibenzofuran	132-64-9	ug/L	4/3/2018	ND	
MW-30R	d	Dibenzofuran	132-64-9	ug/L	4/3/2018	ND	
MW-31R	d	Dibenzofuran	132-64-9	ug/L	4/3/2018	ND	
MW-32R	d	Dibenzofuran	132-64-9	ug/L	4/3/2018	ND	
MW-39	d	Dibenzofuran	132-64-9	ug/L	11/1/2018	ND	
MW-22R	d	Dibenzofuran	132-64-9	ug/L	11/2/2018	ND	
MW-18	d	Dibenzofuran	132-64-9	ug/L	5/16/2019	ND	
MW-19	d	Dibenzofuran	132-64-9	ug/L	5/16/2019	ND	
MW-28	d	Dibenzofuran	132-64-9	ug/L	5/16/2019	ND	
MW-50	d	Dibenzofuran	132-64-9	ug/L	5/20/2019	ND	
MW-51	d	Dibenzofuran	132-64-9	ug/L	5/20/2019	ND	
MW-52	d	Dibenzofuran	132-64-9	ug/L	5/20/2019	ND	
MW-53	d	Dibenzofuran	132-64-9	ug/L	5/20/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-54	d	Dibenzofuran	132-64-9	ug/L	5/20/2019	ND	
MW-56	d	Dibenzofuran	132-64-9	ug/L	5/20/2019	ND	
MW-14R	d	Dibenzofuran	132-64-9	ug/L	9/11/2019	ND	
MW-29	d	Dibenzofuran	132-64-9	ug/L	9/11/2019	ND	
MW-33R	d	Dibenzofuran	132-64-9	ug/L	9/11/2019	ND	
MW-58	d	Dibenzofuran	132-64-9	ug/L	9/11/2019	ND	
MW-55	d	Dibenzofuran	132-64-9	ug/L	11/12/2020	ND	
MW-56	d	Dichlorodifluoromethane	75-71-8	ug/L	4/9/2010	ND	
MW-56	d	Dichlorodifluoromethane	75-71-8	ug/L	10/22/2010	ND	
MW-56	d	Dichlorodifluoromethane	75-71-8	ug/L	7/22/2011	ND	
MW-56	d	Dichlorodifluoromethane	75-71-8	ug/L	3/8/2012	ND	
MW-56	d	Dichlorodifluoromethane	75-71-8	ug/L	12/19/2012	ND	
MW-39	d	Dichlorodifluoromethane	75-71-8	ug/L	3/11/2013	ND	
MW-56	d	Dichlorodifluoromethane	75-71-8	ug/L	3/11/2013	ND	
MW-31R	d	Dichlorodifluoromethane	75-71-8	ug/L	9/10/2013	ND	
MW-32R	d	Dichlorodifluoromethane	75-71-8	ug/L	9/10/2013	ND	
MW-18	d	Dichlorodifluoromethane	75-71-8	ug/L	12/18/2013	ND	
MW-20	d	Dichlorodifluoromethane	75-71-8	ug/L	12/18/2013	ND	
MW-21	d	Dichlorodifluoromethane	75-71-8	ug/L	12/18/2013	ND	
MW-22R	d	Dichlorodifluoromethane	75-71-8	ug/L	12/18/2013	ND	
MW-30R	d	Dichlorodifluoromethane	75-71-8	ug/L	12/18/2013	J	1.07
MW-18	d	Dichlorodifluoromethane	75-71-8	ug/L	6/24/2014	ND	
MW-29	d	Dichlorodifluoromethane	75-71-8	ug/L	7/24/2014	ND	
MW-56	d	Dichlorodifluoromethane	75-71-8	ug/L	7/24/2014	J	0.209
MW-57	d	Dichlorodifluoromethane	75-71-8	ug/L	7/24/2014	ND	
MW-58	d	Dichlorodifluoromethane	75-71-8	ug/L	7/24/2014	ND	
MW-33R	d	Dichlorodifluoromethane	75-71-8	ug/L	9/24/2014	ND	
MW-50	d	Dichlorodifluoromethane	75-71-8	ug/L	9/24/2014	ND	
MW-51	d	Dichlorodifluoromethane	75-71-8	ug/L	9/24/2014	ND	
MW-52	d	Dichlorodifluoromethane	75-71-8	ug/L	9/24/2014	ND	
MW-53	d	Dichlorodifluoromethane	75-71-8	ug/L	9/24/2014	J	0.342
MW-54	d	Dichlorodifluoromethane	75-71-8	ug/L	9/24/2014	ND	
MW-14R	d	Dichlorodifluoromethane	75-71-8	ug/L	12/4/2014	J	1.08
MW-19	d	Dichlorodifluoromethane	75-71-8	ug/L	12/4/2014	ND	
MW-28	d	Dichlorodifluoromethane	75-71-8	ug/L	12/4/2014	ND	
MW-56	d	Dichlorodifluoromethane	75-71-8	ug/L	12/4/2014	ND	
MW-55	d	Dichlorodifluoromethane	75-71-8	ug/L	3/11/2015	ND	
MW-56	d	Dichlorodifluoromethane	75-71-8	ug/L	3/11/2015	J	0.324
MW-56	d	Dichlorodifluoromethane	75-71-8	ug/L	2/16/2016	ND	
MW-56	d	Dichlorodifluoromethane	75-71-8	ug/L	1/17/2017	J	0.528
MW-20	d	Dichlorodifluoromethane	75-71-8	ug/L	4/3/2018	ND	
MW-21	d	Dichlorodifluoromethane	75-71-8	ug/L	4/3/2018	ND	
MW-30R	d	Dichlorodifluoromethane	75-71-8	ug/L	4/3/2018	J	0.733
MW-31R	d	Dichlorodifluoromethane	75-71-8	ug/L	4/3/2018	ND	
MW-32R	d	Dichlorodifluoromethane	75-71-8	ug/L	4/3/2018	ND	
MW-39	d	Dichlorodifluoromethane	75-71-8	ug/L	11/1/2018	ND	
MW-22R	d	Dichlorodifluoromethane	75-71-8	ug/L	11/2/2018	ND	
MW-56	d	Dichlorodifluoromethane	75-71-8	ug/L	11/2/2018	JH	0.339
MW-18	d	Dichlorodifluoromethane	75-71-8	ug/L	5/16/2019	ND	
MW-19	d	Dichlorodifluoromethane	75-71-8	ug/L	5/16/2019	ND	
MW-28	d	Dichlorodifluoromethane	75-71-8	ug/L	5/16/2019	ND	
MW-50	d	Dichlorodifluoromethane	75-71-8	ug/L	5/20/2019	ND	
MW-51	d	Dichlorodifluoromethane	75-71-8	ug/L	5/20/2019	ND	
MW-52	d	Dichlorodifluoromethane	75-71-8	ug/L	5/20/2019	ND	
MW-54	d	Dichlorodifluoromethane	75-71-8	ug/L	5/20/2019	ND	
MW-56	d	Dichlorodifluoromethane	75-71-8	ug/L	5/20/2019	ND	
MW-53	d	Dichlorodifluoromethane	75-71-8	ug/L	5/21/2019	ND	
MW-14R	d	Dichlorodifluoromethane	75-71-8	ug/L	9/11/2019	J	0.791
MW-29	d	Dichlorodifluoromethane	75-71-8	ug/L	9/11/2019	ND	
MW-30R	d	Dichlorodifluoromethane	75-71-8	ug/L	9/11/2019	J	0.627
MW-33R	d	Dichlorodifluoromethane	75-71-8	ug/L	9/11/2019	ND	
MW-58	d	Dichlorodifluoromethane	75-71-8	ug/L	9/11/2019	ND	
MW-14R	d	Dichlorodifluoromethane	75-71-8	ug/L	3/17/2020	J	1.33
MW-30R	d	Dichlorodifluoromethane	75-71-8	ug/L	3/17/2020	ND	
MW-56	d	Dichlorodifluoromethane	75-71-8	ug/L	7/20/2020	ND	
MW-55	d	Dichlorodifluoromethane	75-71-8	ug/L	11/12/2020	ND	
MW-14R	d	Dichlorodifluoromethane	75-71-8	ug/L	8/24/2021	J *+	1.02
MW-30R	d	Dichlorodifluoromethane	75-71-8	ug/L	8/25/2021	*+	<3.00
MW-70	d	Dichlorodifluoromethane	75-71-8	ug/L	8/26/2021		<3.00
PZ-13	d	Dichlorodifluoromethane	75-71-8	ug/L	8/27/2021	J	0.738
MW-56	d	Dichlorodifluoromethane	75-71-8	ug/L	12/7/2021		<3.00
MW-39	d	Dieldrin	60-57-1	ug/L	3/11/2013	ND	
MW-31R	d	Dieldrin	60-57-1	ug/L	9/10/2013	ND	
MW-32R	d	Dieldrin	60-57-1	ug/L	9/10/2013	ND	
MW-18	d	Dieldrin	60-57-1	ug/L	12/18/2013	ND	
MW-20	d	Dieldrin	60-57-1	ug/L	12/18/2013	ND	
MW-21	d	Dieldrin	60-57-1	ug/L	12/18/2013	ND	
MW-22R	d	Dieldrin	60-57-1	ug/L	12/18/2013	ND	
MW-30R	d	Dieldrin	60-57-1	ug/L	12/18/2013	ND	
MW-18	d	Dieldrin	60-57-1	ug/L	6/24/2014	ND	
MW-29	d	Dieldrin	60-57-1	ug/L	7/24/2014	ND	
MW-57	d	Dieldrin	60-57-1	ug/L	7/24/2014	ND	
MW-58	d	Dieldrin	60-57-1	ug/L	7/24/2014	ND	
MW-33R	d	Dieldrin	60-57-1	ug/L	9/24/2014	ND	
MW-50	d	Dieldrin	60-57-1	ug/L	9/24/2014	ND	
MW-51	d	Dieldrin	60-57-1	ug/L	9/24/2014	ND	
MW-52	d	Dieldrin	60-57-1	ug/L	9/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-53	d	Dieldrin	60-57-1	ug/L	9/24/2014	ND	
MW-54	d	Dieldrin	60-57-1	ug/L	9/24/2014	ND	
MW-14R	d	Dieldrin	60-57-1	ug/L	12/4/2014	J	0.0023
MW-19	d	Dieldrin	60-57-1	ug/L	12/4/2014	ND	
MW-28	d	Dieldrin	60-57-1	ug/L	12/4/2014	ND	
MW-56	d	Dieldrin	60-57-1	ug/L	12/4/2014	J	0.00685
MW-55	d	Dieldrin	60-57-1	ug/L	3/11/2015	ND	
MW-20	d	Dieldrin	60-57-1	ug/L	4/3/2018	ND	
MW-21	d	Dieldrin	60-57-1	ug/L	4/3/2018	ND	
MW-30R	d	Dieldrin	60-57-1	ug/L	4/3/2018	ND	
MW-31R	d	Dieldrin	60-57-1	ug/L	4/3/2018	ND	
MW-32R	d	Dieldrin	60-57-1	ug/L	4/3/2018	ND	
MW-39	d	Dieldrin	60-57-1	ug/L	11/1/2018	ND	
MW-22R	d	Dieldrin	60-57-1	ug/L	11/2/2018	ND	
MW-18	d	Dieldrin	60-57-1	ug/L	5/16/2019	ND	
MW-28	d	Dieldrin	60-57-1	ug/L	5/16/2019	ND	
MW-19	d	Dieldrin	60-57-1	ug/L	5/20/2019	ND	
MW-50	d	Dieldrin	60-57-1	ug/L	5/20/2019	ND	
MW-51	d	Dieldrin	60-57-1	ug/L	5/20/2019	ND	
MW-52	d	Dieldrin	60-57-1	ug/L	5/20/2019	ND	
MW-53	d	Dieldrin	60-57-1	ug/L	5/20/2019	ND	
MW-54	d	Dieldrin	60-57-1	ug/L	5/20/2019	ND	
MW-56	d	Dieldrin	60-57-1	ug/L	5/20/2019	J	0.00372
MW-14R	d	Dieldrin	60-57-1	ug/L	9/11/2019	ND	
MW-29	d	Dieldrin	60-57-1	ug/L	9/11/2019	ND	
MW-33R	d	Dieldrin	60-57-1	ug/L	9/11/2019	ND	
MW-58	d	Dieldrin	60-57-1	ug/L	9/11/2019	ND	
MW-55	d	Dieldrin	60-57-1	ug/L	11/12/2020	JP	0.00278
MW-39	d	Diethyl phthalate	84-66-2	ug/L	3/11/2013	ND	
MW-31R	d	Diethyl phthalate	84-66-2	ug/L	9/10/2013	ND	
MW-32R	d	Diethyl phthalate	84-66-2	ug/L	9/10/2013	ND	
MW-18	d	Diethyl phthalate	84-66-2	ug/L	12/18/2013	ND	
MW-20	d	Diethyl phthalate	84-66-2	ug/L	12/18/2013	ND	
MW-21	d	Diethyl phthalate	84-66-2	ug/L	12/18/2013	ND	
MW-22R	d	Diethyl phthalate	84-66-2	ug/L	12/18/2013	ND	
MW-30R	d	Diethyl phthalate	84-66-2	ug/L	12/18/2013	ND	
MW-18	d	Diethyl phthalate	84-66-2	ug/L	6/24/2014	ND	
MW-29	d	Diethyl phthalate	84-66-2	ug/L	7/24/2014	J	0.611
MW-57	d	Diethyl phthalate	84-66-2	ug/L	7/24/2014	ND	
MW-58	d	Diethyl phthalate	84-66-2	ug/L	7/24/2014	ND	
MW-33R	d	Diethyl phthalate	84-66-2	ug/L	9/24/2014	ND	
MW-50	d	Diethyl phthalate	84-66-2	ug/L	9/24/2014	ND	
MW-51	d	Diethyl phthalate	84-66-2	ug/L	9/24/2014	ND	
MW-52	d	Diethyl phthalate	84-66-2	ug/L	9/24/2014	ND	
MW-53	d	Diethyl phthalate	84-66-2	ug/L	9/24/2014	ND	
MW-54	d	Diethyl phthalate	84-66-2	ug/L	9/24/2014	ND	
MW-14R	d	Diethyl phthalate	84-66-2	ug/L	12/4/2014	ND	
MW-19	d	Diethyl phthalate	84-66-2	ug/L	12/4/2014	ND	
MW-28	d	Diethyl phthalate	84-66-2	ug/L	12/4/2014	ND	
MW-56	d	Diethyl phthalate	84-66-2	ug/L	12/4/2014	ND	
MW-55	d	Diethyl phthalate	84-66-2	ug/L	3/11/2015	ND	
MW-20	d	Diethyl phthalate	84-66-2	ug/L	4/3/2018	ND	
MW-21	d	Diethyl phthalate	84-66-2	ug/L	4/3/2018	ND	
MW-30R	d	Diethyl phthalate	84-66-2	ug/L	4/3/2018	ND	
MW-31R	d	Diethyl phthalate	84-66-2	ug/L	4/3/2018	ND	
MW-32R	d	Diethyl phthalate	84-66-2	ug/L	4/3/2018	ND	
MW-39	d	Diethyl phthalate	84-66-2	ug/L	11/1/2018	ND	
MW-22R	d	Diethyl phthalate	84-66-2	ug/L	11/2/2018	ND	
MW-18	d	Diethyl phthalate	84-66-2	ug/L	5/16/2019	ND	
MW-19	d	Diethyl phthalate	84-66-2	ug/L	5/16/2019	ND	
MW-28	d	Diethyl phthalate	84-66-2	ug/L	5/16/2019	ND	
MW-50	d	Diethyl phthalate	84-66-2	ug/L	5/20/2019	ND	
MW-51	d	Diethyl phthalate	84-66-2	ug/L	5/20/2019	ND	
MW-52	d	Diethyl phthalate	84-66-2	ug/L	5/20/2019	ND	
MW-53	d	Diethyl phthalate	84-66-2	ug/L	5/20/2019	ND	
MW-54	d	Diethyl phthalate	84-66-2	ug/L	5/20/2019	ND	
MW-56	d	Diethyl phthalate	84-66-2	ug/L	5/20/2019	ND	
MW-14R	d	Diethyl phthalate	84-66-2	ug/L	9/11/2019	ND	
MW-29	d	Diethyl phthalate	84-66-2	ug/L	9/11/2019	J	0.297
MW-33R	d	Diethyl phthalate	84-66-2	ug/L	9/11/2019	ND	
MW-58	d	Diethyl phthalate	84-66-2	ug/L	9/11/2019	ND	
MW-29	d	Diethyl phthalate	84-66-2	ug/L	3/17/2020	ND	
MW-55	d	Diethyl phthalate	84-66-2	ug/L	11/12/2020	ND	
MW-29	d	Diethyl phthalate	84-66-2	ug/L	8/25/2021	H	<10.5
MW-39	d	Dimethoate	60-51-5	ug/L	3/11/2013	ND	
MW-31R	d	Dimethoate	60-51-5	ug/L	9/10/2013	ND	
MW-32R	d	Dimethoate	60-51-5	ug/L	9/10/2013	ND	
MW-18	d	Dimethoate	60-51-5	ug/L	12/18/2013	ND	
MW-20	d	Dimethoate	60-51-5	ug/L	12/18/2013	ND	
MW-21	d	Dimethoate	60-51-5	ug/L	12/18/2013	ND	
MW-22R	d	Dimethoate	60-51-5	ug/L	12/18/2013	ND	
MW-30R	d	Dimethoate	60-51-5	ug/L	12/18/2013	ND	
MW-18	d	Dimethoate	60-51-5	ug/L	6/24/2014	ND	
MW-29	d	Dimethoate	60-51-5	ug/L	7/24/2014	ND	
MW-57	d	Dimethoate	60-51-5	ug/L	7/24/2014	ND	
MW-58	d	Dimethoate	60-51-5	ug/L	7/24/2014	ND	
MW-33R	d	Dimethoate	60-51-5	ug/L	9/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	Dimethoate	60-51-5	ug/L	9/24/2014	ND	
MW-51	d	Dimethoate	60-51-5	ug/L	9/24/2014	ND	
MW-52	d	Dimethoate	60-51-5	ug/L	9/24/2014	ND	
MW-53	d	Dimethoate	60-51-5	ug/L	9/24/2014	ND	
MW-54	d	Dimethoate	60-51-5	ug/L	9/24/2014	ND	
MW-14R	d	Dimethoate	60-51-5	ug/L	12/4/2014	ND	
MW-19	d	Dimethoate	60-51-5	ug/L	12/4/2014	ND	
MW-28	d	Dimethoate	60-51-5	ug/L	12/4/2014	ND	
MW-56	d	Dimethoate	60-51-5	ug/L	12/4/2014	ND	
MW-55	d	Dimethoate	60-51-5	ug/L	3/11/2015	ND	
MW-20	d	Dimethoate	60-51-5	ug/L	4/3/2018	ND	
MW-21	d	Dimethoate	60-51-5	ug/L	4/3/2018	ND	
MW-30R	d	Dimethoate	60-51-5	ug/L	4/3/2018	ND	
MW-31R	d	Dimethoate	60-51-5	ug/L	4/3/2018	ND	
MW-32R	d	Dimethoate	60-51-5	ug/L	4/3/2018	ND	
MW-39	d	Dimethoate	60-51-5	ug/L	11/1/2018	ND	
MW-22R	d	Dimethoate	60-51-5	ug/L	11/2/2018	ND	
MW-18	d	Dimethoate	60-51-5	ug/L	5/16/2019	ND	
MW-19	d	Dimethoate	60-51-5	ug/L	5/16/2019	ND	
MW-28	d	Dimethoate	60-51-5	ug/L	5/16/2019	ND	
MW-50	d	Dimethoate	60-51-5	ug/L	5/20/2019	ND	
MW-51	d	Dimethoate	60-51-5	ug/L	5/20/2019	ND	
MW-52	d	Dimethoate	60-51-5	ug/L	5/20/2019	ND	
MW-53	d	Dimethoate	60-51-5	ug/L	5/20/2019	ND	
MW-54	d	Dimethoate	60-51-5	ug/L	5/20/2019	ND	
MW-56	d	Dimethoate	60-51-5	ug/L	5/20/2019	ND	
MW-14R	d	Dimethoate	60-51-5	ug/L	9/11/2019	J	0.958
MW-29	d	Dimethoate	60-51-5	ug/L	9/11/2019	ND	
MW-33R	d	Dimethoate	60-51-5	ug/L	9/11/2019	ND	
MW-58	d	Dimethoate	60-51-5	ug/L	9/11/2019	ND	
MW-14R	d	Dimethoate	60-51-5	ug/L	3/17/2020	ND	
MW-55	d	Dimethoate	60-51-5	ug/L	11/12/2020	ND	
MW-14R	d	Dimethoate	60-51-5	ug/L	8/24/2021	*-	<10.4
MW-39	d	Dimethyl phthalate	131-11-3	ug/L	3/11/2013	ND	
MW-31R	d	Dimethyl phthalate	131-11-3	ug/L	9/10/2013	ND	
MW-32R	d	Dimethyl phthalate	131-11-3	ug/L	9/10/2013	ND	
MW-18	d	Dimethyl phthalate	131-11-3	ug/L	12/18/2013	ND	
MW-20	d	Dimethyl phthalate	131-11-3	ug/L	12/18/2013	ND	
MW-21	d	Dimethyl phthalate	131-11-3	ug/L	12/18/2013	ND	
MW-22R	d	Dimethyl phthalate	131-11-3	ug/L	12/18/2013	ND	
MW-30R	d	Dimethyl phthalate	131-11-3	ug/L	12/18/2013	ND	
MW-18	d	Dimethyl phthalate	131-11-3	ug/L	6/24/2014	ND	
MW-29	d	Dimethyl phthalate	131-11-3	ug/L	7/24/2014	ND	
MW-57	d	Dimethyl phthalate	131-11-3	ug/L	7/24/2014	ND	
MW-58	d	Dimethyl phthalate	131-11-3	ug/L	7/24/2014	ND	
MW-33R	d	Dimethyl phthalate	131-11-3	ug/L	9/24/2014	ND	
MW-50	d	Dimethyl phthalate	131-11-3	ug/L	9/24/2014	ND	
MW-51	d	Dimethyl phthalate	131-11-3	ug/L	9/24/2014	ND	
MW-52	d	Dimethyl phthalate	131-11-3	ug/L	9/24/2014	ND	
MW-53	d	Dimethyl phthalate	131-11-3	ug/L	9/24/2014	ND	
MW-54	d	Dimethyl phthalate	131-11-3	ug/L	9/24/2014	ND	
MW-14R	d	Dimethyl phthalate	131-11-3	ug/L	12/4/2014	ND	
MW-19	d	Dimethyl phthalate	131-11-3	ug/L	12/4/2014	ND	
MW-28	d	Dimethyl phthalate	131-11-3	ug/L	12/4/2014	ND	
MW-56	d	Dimethyl phthalate	131-11-3	ug/L	12/4/2014	ND	
MW-55	d	Dimethyl phthalate	131-11-3	ug/L	3/11/2015	ND	
MW-20	d	Dimethyl phthalate	131-11-3	ug/L	4/3/2018	ND	
MW-21	d	Dimethyl phthalate	131-11-3	ug/L	4/3/2018	ND	
MW-30R	d	Dimethyl phthalate	131-11-3	ug/L	4/3/2018	ND	
MW-31R	d	Dimethyl phthalate	131-11-3	ug/L	4/3/2018	ND	
MW-32R	d	Dimethyl phthalate	131-11-3	ug/L	4/3/2018	ND	
MW-39	d	Dimethyl phthalate	131-11-3	ug/L	11/1/2018	ND	
MW-22R	d	Dimethyl phthalate	131-11-3	ug/L	11/2/2018	ND	
MW-18	d	Dimethyl phthalate	131-11-3	ug/L	5/16/2019	ND	
MW-19	d	Dimethyl phthalate	131-11-3	ug/L	5/16/2019	ND	
MW-28	d	Dimethyl phthalate	131-11-3	ug/L	5/16/2019	ND	
MW-50	d	Dimethyl phthalate	131-11-3	ug/L	5/20/2019	ND	
MW-51	d	Dimethyl phthalate	131-11-3	ug/L	5/20/2019	ND	
MW-52	d	Dimethyl phthalate	131-11-3	ug/L	5/20/2019	ND	
MW-53	d	Dimethyl phthalate	131-11-3	ug/L	5/20/2019	ND	
MW-54	d	Dimethyl phthalate	131-11-3	ug/L	5/20/2019	ND	
MW-56	d	Dimethyl phthalate	131-11-3	ug/L	5/20/2019	ND	
MW-14R	d	Dimethyl phthalate	131-11-3	ug/L	9/11/2019	ND	
MW-29	d	Dimethyl phthalate	131-11-3	ug/L	9/11/2019	ND	
MW-33R	d	Dimethyl phthalate	131-11-3	ug/L	9/11/2019	ND	
MW-58	d	Dimethyl phthalate	131-11-3	ug/L	9/11/2019	ND	
MW-55	d	Dimethyl phthalate	131-11-3	ug/L	11/12/2020	ND	
MW-39	d	Dimethylaminoazobenzene	60-11-7	ug/L	3/11/2013	ND	
MW-31R	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/10/2013	ND	
MW-32R	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/10/2013	ND	
MW-18	d	Dimethylaminoazobenzene	60-11-7	ug/L	12/18/2013	ND	
MW-20	d	Dimethylaminoazobenzene	60-11-7	ug/L	12/18/2013	ND	
MW-21	d	Dimethylaminoazobenzene	60-11-7	ug/L	12/18/2013	ND	
MW-22R	d	Dimethylaminoazobenzene	60-11-7	ug/L	12/18/2013	ND	
MW-30R	d	Dimethylaminoazobenzene	60-11-7	ug/L	12/18/2013	ND	
MW-18	d	Dimethylaminoazobenzene	60-11-7	ug/L	6/24/2014	ND	
MW-29	d	Dimethylaminoazobenzene	60-11-7	ug/L	7/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57	d	Dimethylaminoazobenzene	60-11-7	ug/L	7/24/2014	ND	
MW-58	d	Dimethylaminoazobenzene	60-11-7	ug/L	7/24/2014	ND	
MW-33R	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/24/2014	ND	
MW-50	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/24/2014	ND	
MW-51	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/24/2014	ND	
MW-52	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/24/2014	ND	
MW-53	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/24/2014	ND	
MW-54	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/24/2014	ND	
MW-14R	d	Dimethylaminoazobenzene	60-11-7	ug/L	12/4/2014	ND	
MW-19	d	Dimethylaminoazobenzene	60-11-7	ug/L	12/4/2014	ND	
MW-28	d	Dimethylaminoazobenzene	60-11-7	ug/L	12/4/2014	ND	
MW-56	d	Dimethylaminoazobenzene	60-11-7	ug/L	12/4/2014	ND	
MW-55	d	Dimethylaminoazobenzene	60-11-7	ug/L	3/11/2015	ND	
MW-20	d	Dimethylaminoazobenzene	60-11-7	ug/L	4/3/2018	ND	
MW-21	d	Dimethylaminoazobenzene	60-11-7	ug/L	4/3/2018	ND	
MW-30R	d	Dimethylaminoazobenzene	60-11-7	ug/L	4/3/2018	ND	
MW-31R	d	Dimethylaminoazobenzene	60-11-7	ug/L	4/3/2018	ND	
MW-32R	d	Dimethylaminoazobenzene	60-11-7	ug/L	4/3/2018	ND	
MW-39	d	Dimethylaminoazobenzene	60-11-7	ug/L	11/1/2018	ND	
MW-22R	d	Dimethylaminoazobenzene	60-11-7	ug/L	11/2/2018	ND	
MW-18	d	Dimethylaminoazobenzene	60-11-7	ug/L	5/16/2019	ND	
MW-19	d	Dimethylaminoazobenzene	60-11-7	ug/L	5/16/2019	ND	
MW-28	d	Dimethylaminoazobenzene	60-11-7	ug/L	5/16/2019	ND	
MW-50	d	Dimethylaminoazobenzene	60-11-7	ug/L	5/20/2019	ND	
MW-51	d	Dimethylaminoazobenzene	60-11-7	ug/L	5/20/2019	ND	
MW-52	d	Dimethylaminoazobenzene	60-11-7	ug/L	5/20/2019	ND	
MW-53	d	Dimethylaminoazobenzene	60-11-7	ug/L	5/20/2019	ND	
MW-54	d	Dimethylaminoazobenzene	60-11-7	ug/L	5/20/2019	ND	
MW-56	d	Dimethylaminoazobenzene	60-11-7	ug/L	5/20/2019	ND	
MW-14R	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/11/2019	ND	
MW-29	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/11/2019	ND	
MW-33R	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/11/2019	ND	
MW-58	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/11/2019	ND	
MW-55	d	Dimethylaminoazobenzene	60-11-7	ug/L	11/12/2020	ND	
MW-39	d	Di-n-butyl phthalate	84-74-2	ug/L	3/11/2013	ND	
MW-31R	d	Di-n-butyl phthalate	84-74-2	ug/L	9/10/2013	ND	
MW-32R	d	Di-n-butyl phthalate	84-74-2	ug/L	9/10/2013	ND	
MW-18	d	Di-n-butyl phthalate	84-74-2	ug/L	12/18/2013	ND	
MW-20	d	Di-n-butyl phthalate	84-74-2	ug/L	12/18/2013	ND	
MW-21	d	Di-n-butyl phthalate	84-74-2	ug/L	12/18/2013	ND	
MW-22R	d	Di-n-butyl phthalate	84-74-2	ug/L	12/18/2013	ND	
MW-30R	d	Di-n-butyl phthalate	84-74-2	ug/L	12/18/2013	ND	
MW-18	d	Di-n-butyl phthalate	84-74-2	ug/L	6/24/2014	ND	
MW-29	d	Di-n-butyl phthalate	84-74-2	ug/L	7/24/2014	ND	
MW-57	d	Di-n-butyl phthalate	84-74-2	ug/L	7/24/2014	ND	
MW-58	d	Di-n-butyl phthalate	84-74-2	ug/L	7/24/2014	ND	
MW-33R	d	Di-n-butyl phthalate	84-74-2	ug/L	9/24/2014	ND	
MW-50	d	Di-n-butyl phthalate	84-74-2	ug/L	9/24/2014	ND	
MW-51	d	Di-n-butyl phthalate	84-74-2	ug/L	9/24/2014	ND	
MW-52	d	Di-n-butyl phthalate	84-74-2	ug/L	9/24/2014	ND	
MW-53	d	Di-n-butyl phthalate	84-74-2	ug/L	9/24/2014	ND	
MW-54	d	Di-n-butyl phthalate	84-74-2	ug/L	9/24/2014	ND	
MW-14R	d	Di-n-butyl phthalate	84-74-2	ug/L	12/4/2014	ND	
MW-19	d	Di-n-butyl phthalate	84-74-2	ug/L	12/4/2014	ND	
MW-28	d	Di-n-butyl phthalate	84-74-2	ug/L	12/4/2014	ND	
MW-56	d	Di-n-butyl phthalate	84-74-2	ug/L	12/4/2014	ND	
MW-55	d	Di-n-butyl phthalate	84-74-2	ug/L	3/11/2015	ND	
MW-20	d	Di-n-butyl phthalate	84-74-2	ug/L	4/3/2018	J	1.48
MW-21	d	Di-n-butyl phthalate	84-74-2	ug/L	4/3/2018	J	0.89
MW-30R	d	Di-n-butyl phthalate	84-74-2	ug/L	4/3/2018	J	0.841
MW-31R	d	Di-n-butyl phthalate	84-74-2	ug/L	4/3/2018	ND	
MW-32R	d	Di-n-butyl phthalate	84-74-2	ug/L	4/3/2018	ND	
MW-39	d	Di-n-butyl phthalate	84-74-2	ug/L	11/1/2018	ND	
MW-22R	d	Di-n-butyl phthalate	84-74-2	ug/L	11/2/2018	ND	
MW-18	d	Di-n-butyl phthalate	84-74-2	ug/L	5/16/2019	ND	
MW-19	d	Di-n-butyl phthalate	84-74-2	ug/L	5/16/2019	ND	
MW-28	d	Di-n-butyl phthalate	84-74-2	ug/L	5/16/2019	ND	
MW-50	d	Di-n-butyl phthalate	84-74-2	ug/L	5/20/2019	ND	
MW-51	d	Di-n-butyl phthalate	84-74-2	ug/L	5/20/2019	ND	
MW-52	d	Di-n-butyl phthalate	84-74-2	ug/L	5/20/2019	ND	
MW-53	d	Di-n-butyl phthalate	84-74-2	ug/L	5/20/2019	ND	
MW-54	d	Di-n-butyl phthalate	84-74-2	ug/L	5/20/2019	ND	
MW-56	d	Di-n-butyl phthalate	84-74-2	ug/L	5/20/2019	ND	
MW-14R	d	Di-n-butyl phthalate	84-74-2	ug/L	9/11/2019	ND	
MW-29	d	Di-n-butyl phthalate	84-74-2	ug/L	9/11/2019	ND	
MW-33R	d	Di-n-butyl phthalate	84-74-2	ug/L	9/11/2019	ND	
MW-58	d	Di-n-butyl phthalate	84-74-2	ug/L	9/11/2019	ND	
MW-30R	d	Di-n-butyl phthalate	84-74-2	ug/L	3/17/2020	ND	
MW-55	d	Di-n-butyl phthalate	84-74-2	ug/L	11/12/2020	ND	
MW-30R	d	Di-n-butyl phthalate	84-74-2	ug/L	8/25/2021		<10.2
MW-39	d	Di-n-octyl phthalate	117-84-0	ug/L	3/11/2013	ND	
MW-31R	d	Di-n-octyl phthalate	117-84-0	ug/L	9/10/2013	ND	
MW-32R	d	Di-n-octyl phthalate	117-84-0	ug/L	9/10/2013	ND	
MW-18	d	Di-n-octyl phthalate	117-84-0	ug/L	12/18/2013	ND	
MW-20	d	Di-n-octyl phthalate	117-84-0	ug/L	12/18/2013	J	0.892
MW-21	d	Di-n-octyl phthalate	117-84-0	ug/L	12/18/2013	ND	
MW-22R	d	Di-n-octyl phthalate	117-84-0	ug/L	12/18/2013	J	0.337

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	Di-n-octyl phthalate	117-84-0	ug/L	12/18/2013	ND	
MW-18	d	Di-n-octyl phthalate	117-84-0	ug/L	6/24/2014	ND	
MW-29	d	Di-n-octyl phthalate	117-84-0	ug/L	7/24/2014	ND	
MW-57	d	Di-n-octyl phthalate	117-84-0	ug/L	7/24/2014	ND	
MW-58	d	Di-n-octyl phthalate	117-84-0	ug/L	7/24/2014	ND	
MW-33R	d	Di-n-octyl phthalate	117-84-0	ug/L	9/24/2014	ND	
MW-50	d	Di-n-octyl phthalate	117-84-0	ug/L	9/24/2014	ND	
MW-51	d	Di-n-octyl phthalate	117-84-0	ug/L	9/24/2014	ND	
MW-52	d	Di-n-octyl phthalate	117-84-0	ug/L	9/24/2014	ND	
MW-53	d	Di-n-octyl phthalate	117-84-0	ug/L	9/24/2014	ND	
MW-54	d	Di-n-octyl phthalate	117-84-0	ug/L	9/24/2014	ND	
MW-14R	d	Di-n-octyl phthalate	117-84-0	ug/L	12/4/2014	ND	
MW-19	d	Di-n-octyl phthalate	117-84-0	ug/L	12/4/2014	ND	
MW-28	d	Di-n-octyl phthalate	117-84-0	ug/L	12/4/2014	ND	
MW-56	d	Di-n-octyl phthalate	117-84-0	ug/L	12/4/2014	ND	
MW-55	d	Di-n-octyl phthalate	117-84-0	ug/L	3/11/2015	ND	
MW-20	d	Di-n-octyl phthalate	117-84-0	ug/L	4/3/2018	ND	
MW-21	d	Di-n-octyl phthalate	117-84-0	ug/L	4/3/2018	ND	
MW-30R	d	Di-n-octyl phthalate	117-84-0	ug/L	4/3/2018	ND	
MW-31R	d	Di-n-octyl phthalate	117-84-0	ug/L	4/3/2018	J	1.78
MW-32R	d	Di-n-octyl phthalate	117-84-0	ug/L	4/3/2018	ND	
MW-39	d	Di-n-octyl phthalate	117-84-0	ug/L	11/1/2018	ND	
MW-22R	d	Di-n-octyl phthalate	117-84-0	ug/L	11/2/2018	ND	
MW-18	d	Di-n-octyl phthalate	117-84-0	ug/L	5/16/2019	ND	
MW-19	d	Di-n-octyl phthalate	117-84-0	ug/L	5/16/2019	ND	
MW-28	d	Di-n-octyl phthalate	117-84-0	ug/L	5/16/2019	ND	
MW-50	d	Di-n-octyl phthalate	117-84-0	ug/L	5/20/2019	ND	
MW-51	d	Di-n-octyl phthalate	117-84-0	ug/L	5/20/2019	ND	
MW-52	d	Di-n-octyl phthalate	117-84-0	ug/L	5/20/2019	ND	
MW-53	d	Di-n-octyl phthalate	117-84-0	ug/L	5/20/2019	ND	
MW-54	d	Di-n-octyl phthalate	117-84-0	ug/L	5/20/2019	J	2.92
MW-56	d	Di-n-octyl phthalate	117-84-0	ug/L	5/20/2019	ND	
MW-14R	d	Di-n-octyl phthalate	117-84-0	ug/L	9/11/2019	ND	
MW-29	d	Di-n-octyl phthalate	117-84-0	ug/L	9/11/2019	ND	
MW-33R	d	Di-n-octyl phthalate	117-84-0	ug/L	9/11/2019	ND	
MW-58	d	Di-n-octyl phthalate	117-84-0	ug/L	9/11/2019	ND	
MW-31R	d	Di-n-octyl phthalate	117-84-0	ug/L	3/16/2020	ND	
MW-55	d	Di-n-octyl phthalate	117-84-0	ug/L	11/12/2020	ND	
MW-31R	d	Di-n-octyl phthalate	117-84-0	ug/L	8/24/2021		<21.1
MW-39	d	Dinoseb	88-85-7	ug/L	3/11/2013	ND	
MW-31R	d	Dinoseb	88-85-7	ug/L	9/10/2013	ND	
MW-32R	d	Dinoseb	88-85-7	ug/L	9/10/2013	ND	
MW-18	d	Dinoseb	88-85-7	ug/L	12/18/2013	ND	
MW-20	d	Dinoseb	88-85-7	ug/L	12/18/2013	ND	
MW-21	d	Dinoseb	88-85-7	ug/L	12/18/2013	ND	
MW-22R	d	Dinoseb	88-85-7	ug/L	12/18/2013	ND	
MW-30R	d	Dinoseb	88-85-7	ug/L	12/18/2013	ND	
MW-18	d	Dinoseb	88-85-7	ug/L	6/24/2014	ND	
MW-29	d	Dinoseb	88-85-7	ug/L	7/24/2014	ND	
MW-57	d	Dinoseb	88-85-7	ug/L	7/24/2014	ND	
MW-58	d	Dinoseb	88-85-7	ug/L	7/24/2014	ND	
MW-33R	d	Dinoseb	88-85-7	ug/L	9/24/2014	ND	
MW-50	d	Dinoseb	88-85-7	ug/L	9/24/2014	ND	
MW-51	d	Dinoseb	88-85-7	ug/L	9/24/2014	ND	
MW-52	d	Dinoseb	88-85-7	ug/L	9/24/2014	ND	
MW-53	d	Dinoseb	88-85-7	ug/L	9/24/2014	ND	
MW-54	d	Dinoseb	88-85-7	ug/L	9/24/2014	ND	
MW-14R	d	Dinoseb	88-85-7	ug/L	12/4/2014	ND	
MW-19	d	Dinoseb	88-85-7	ug/L	12/4/2014	ND	
MW-28	d	Dinoseb	88-85-7	ug/L	12/4/2014	ND	
MW-56	d	Dinoseb	88-85-7	ug/L	12/4/2014	ND	
MW-55	d	Dinoseb	88-85-7	ug/L	3/11/2015	ND	
MW-20	d	Dinoseb	88-85-7	ug/L	4/3/2018	ND	
MW-21	d	Dinoseb	88-85-7	ug/L	4/3/2018	ND	
MW-30R	d	Dinoseb	88-85-7	ug/L	4/3/2018	ND	
MW-31R	d	Dinoseb	88-85-7	ug/L	4/3/2018	ND	
MW-32R	d	Dinoseb	88-85-7	ug/L	4/3/2018	ND	
MW-39	d	Dinoseb	88-85-7	ug/L	11/1/2018	ND	
MW-22R	d	Dinoseb	88-85-7	ug/L	11/2/2018	ND	
MW-18	d	Dinoseb	88-85-7	ug/L	5/16/2019	ND	
MW-19	d	Dinoseb	88-85-7	ug/L	5/16/2019	ND	
MW-28	d	Dinoseb	88-85-7	ug/L	5/16/2019	ND	
MW-50	d	Dinoseb	88-85-7	ug/L	5/20/2019	ND	
MW-51	d	Dinoseb	88-85-7	ug/L	5/20/2019	ND	
MW-52	d	Dinoseb	88-85-7	ug/L	5/20/2019	ND	
MW-53	d	Dinoseb	88-85-7	ug/L	5/20/2019	ND	
MW-54	d	Dinoseb	88-85-7	ug/L	5/20/2019	ND	
MW-56	d	Dinoseb	88-85-7	ug/L	5/20/2019	ND	
MW-14R	d	Dinoseb	88-85-7	ug/L	9/11/2019	ND	
MW-29	d	Dinoseb	88-85-7	ug/L	9/11/2019	ND	
MW-33R	d	Dinoseb	88-85-7	ug/L	9/11/2019	ND	
MW-58	d	Dinoseb	88-85-7	ug/L	9/11/2019	ND	
MW-55	d	Dinoseb	88-85-7	ug/L	11/12/2020	ND	
MW-39	d	Diphenylamine	122-39-4	ug/L	3/11/2013	ND	
MW-31R	d	Diphenylamine	122-39-4	ug/L	9/10/2013	ND	
MW-32R	d	Diphenylamine	122-39-4	ug/L	9/10/2013	ND	
MW-18	d	Diphenylamine	122-39-4	ug/L	12/18/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-20	d	Diphenylamine	122-39-4	ug/L	12/18/2013	ND	
MW-21	d	Diphenylamine	122-39-4	ug/L	12/18/2013	ND	
MW-22R	d	Diphenylamine	122-39-4	ug/L	12/18/2013	ND	
MW-30R	d	Diphenylamine	122-39-4	ug/L	12/18/2013	ND	
MW-18	d	Diphenylamine	122-39-4	ug/L	6/24/2014	ND	
MW-29	d	Diphenylamine	122-39-4	ug/L	7/24/2014	ND	
MW-57	d	Diphenylamine	122-39-4	ug/L	7/24/2014	ND	
MW-58	d	Diphenylamine	122-39-4	ug/L	7/24/2014	ND	
MW-33R	d	Diphenylamine	122-39-4	ug/L	9/24/2014	ND	
MW-50	d	Diphenylamine	122-39-4	ug/L	9/24/2014	ND	
MW-51	d	Diphenylamine	122-39-4	ug/L	9/24/2014	ND	
MW-52	d	Diphenylamine	122-39-4	ug/L	9/24/2014	ND	
MW-53	d	Diphenylamine	122-39-4	ug/L	9/24/2014	ND	
MW-54	d	Diphenylamine	122-39-4	ug/L	9/24/2014	ND	
MW-14R	d	Diphenylamine	122-39-4	ug/L	12/4/2014	ND	
MW-19	d	Diphenylamine	122-39-4	ug/L	12/4/2014	ND	
MW-28	d	Diphenylamine	122-39-4	ug/L	12/4/2014	ND	
MW-56	d	Diphenylamine	122-39-4	ug/L	12/4/2014	ND	
MW-55	d	Diphenylamine	122-39-4	ug/L	3/11/2015	ND	
MW-20	d	Diphenylamine	122-39-4	ug/L	4/3/2018	ND	
MW-21	d	Diphenylamine	122-39-4	ug/L	4/3/2018	ND	
MW-30R	d	Diphenylamine	122-39-4	ug/L	4/3/2018	ND	
MW-31R	d	Diphenylamine	122-39-4	ug/L	4/3/2018	ND	
MW-32R	d	Diphenylamine	122-39-4	ug/L	4/3/2018	ND	
MW-39	d	Diphenylamine	122-39-4	ug/L	11/1/2018	ND	
MW-22R	d	Diphenylamine	122-39-4	ug/L	11/2/2018	ND	
MW-18	d	Diphenylamine	122-39-4	ug/L	5/16/2019	ND	
MW-19	d	Diphenylamine	122-39-4	ug/L	5/16/2019	ND	
MW-28	d	Diphenylamine	122-39-4	ug/L	5/16/2019	ND	
MW-50	d	Diphenylamine	122-39-4	ug/L	5/20/2019	ND	
MW-51	d	Diphenylamine	122-39-4	ug/L	5/20/2019	ND	
MW-52	d	Diphenylamine	122-39-4	ug/L	5/20/2019	ND	
MW-53	d	Diphenylamine	122-39-4	ug/L	5/20/2019	ND	
MW-54	d	Diphenylamine	122-39-4	ug/L	5/20/2019	ND	
MW-56	d	Diphenylamine	122-39-4	ug/L	5/20/2019	ND	
MW-14R	d	Diphenylamine	122-39-4	ug/L	9/11/2019	ND	
MW-29	d	Diphenylamine	122-39-4	ug/L	9/11/2019	ND	
MW-33R	d	Diphenylamine	122-39-4	ug/L	9/11/2019	ND	
MW-58	d	Diphenylamine	122-39-4	ug/L	9/11/2019	ND	
MW-55	d	Diphenylamine	122-39-4	ug/L	11/12/2020	ND**1	
MW-68	d	Dissolved Organic Carbon	DOC	mg/L	6/30/2015		3.15
MW-69	d	Dissolved Organic Carbon	DOC	mg/L	6/30/2015		3.29
MW-70	d	Dissolved Organic Carbon	DOC	mg/L	6/30/2015	J	0.844
MW-72	d	Dissolved Organic Carbon	DOC	mg/L	6/30/2015		3.78
PZ-13	d	Dissolved Organic Carbon	DOC	mg/L	7/1/2015		1.01
MW-68	d	Dissolved Organic Carbon	DOC	mg/L	9/24/2015		3.65
MW-69	d	Dissolved Organic Carbon	DOC	mg/L	9/24/2015		3.26
MW-70	d	Dissolved Organic Carbon	DOC	mg/L	9/25/2015	J	0.734
MW-72	d	Dissolved Organic Carbon	DOC	mg/L	9/25/2015		3.25
PZ-13	d	Dissolved Organic Carbon	DOC	mg/L	9/25/2015	J	0.76
MW-14R	d	Dissolved Organic Carbon	DOC	mg/L	2/15/2016	J	0.781
MW-29	d	Dissolved Organic Carbon	DOC	mg/L	2/15/2016		9.14
MW-30R	d	Dissolved Organic Carbon	DOC	mg/L	2/15/2016		2.73
MW-31R	d	Dissolved Organic Carbon	DOC	mg/L	2/15/2016		2.3
MW-32R	d	Dissolved Organic Carbon	DOC	mg/L	2/15/2016		2.14
MW-33R	d	Dissolved Organic Carbon	DOC	mg/L	2/15/2016		1.31
MW-20	d	Dissolved Organic Carbon	DOC	mg/L	2/16/2016	J	0.98
MW-21	d	Dissolved Organic Carbon	DOC	mg/L	2/16/2016		5.29
MW-26	d	Dissolved Organic Carbon	DOC	mg/L	2/16/2016	J	0.583
MW-34	d	Dissolved Organic Carbon	DOC	mg/L	2/16/2016		2.26
MW-35R	d	Dissolved Organic Carbon	DOC	mg/L	2/16/2016	J	0.552
MW-57	d	Dissolved Organic Carbon	DOC	mg/L	2/16/2016		5.83
MW-58	d	Dissolved Organic Carbon	DOC	mg/L	2/16/2016		8.82
MW-68	d	Dissolved Organic Carbon	DOC	mg/L	2/16/2016		3.3
MW-69	d	Dissolved Organic Carbon	DOC	mg/L	2/16/2016		3.91
MW-71	d	Dissolved Organic Carbon	DOC	mg/L	2/16/2016		5.03
PZ-13	d	Dissolved Organic Carbon	DOC	mg/L	2/16/2016	J	0.91
MW-23	u	Dissolved Organic Carbon	DOC	mg/L	2/17/2016		1.18
MW-24R	u	Dissolved Organic Carbon	DOC	mg/L	2/17/2016	J	0.866
MW-43	d	Dissolved Organic Carbon	DOC	mg/L	2/17/2016	J	0.559
MW-53	d	Dissolved Organic Carbon	DOC	mg/L	2/17/2016		4.93
MW-54	d	Dissolved Organic Carbon	DOC	mg/L	2/17/2016		12.4
MW-63	d	Dissolved Organic Carbon	DOC	mg/L	2/17/2016	J	0.627
MW-64	d	Dissolved Organic Carbon	DOC	mg/L	2/17/2016		2.99
MW-65	d	Dissolved Organic Carbon	DOC	mg/L	2/17/2016		1.53
MW-70	d	Dissolved Organic Carbon	DOC	mg/L	2/17/2016	J	0.666
MW-72	d	Dissolved Organic Carbon	DOC	mg/L	2/17/2016		4.29
PZ-11	d	Dissolved Organic Carbon	DOC	mg/L	2/17/2016		1.02
MW-52	d	Dissolved Organic Carbon	DOC	mg/L	5/4/2016		1.82
MW-68	d	Dissolved Oxygen	n/a	mg/L	6/30/2015		1.2
MW-69	d	Dissolved Oxygen	n/a	mg/L	6/30/2015		0.83
MW-70	d	Dissolved Oxygen	n/a	mg/L	6/30/2015		0.72
MW-72	d	Dissolved Oxygen	n/a	mg/L	6/30/2015		0.83
PZ-13	d	Dissolved Oxygen	n/a	mg/L	7/1/2015		1.85
MW-68	d	Dissolved Oxygen	n/a	mg/L	9/24/2015		1.71
MW-69	d	Dissolved Oxygen	n/a	mg/L	9/24/2015		0.99
MW-70	d	Dissolved Oxygen	n/a	mg/L	9/25/2015		1.69

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-72	d	Dissolved Oxygen	n/a	mg/L	9/25/2015		0.51
PZ-13	d	Dissolved Oxygen	n/a	mg/L	9/25/2015		1.19
MW-39	d	Disulfoton	298-04-4	ug/L	3/11/2013	ND	
MW-31R	d	Disulfoton	298-04-4	ug/L	9/10/2013	ND	
MW-32R	d	Disulfoton	298-04-4	ug/L	9/10/2013	ND	
MW-18	d	Disulfoton	298-04-4	ug/L	12/18/2013	ND	
MW-20	d	Disulfoton	298-04-4	ug/L	12/18/2013	ND	
MW-21	d	Disulfoton	298-04-4	ug/L	12/18/2013	ND	
MW-22R	d	Disulfoton	298-04-4	ug/L	12/18/2013	ND	
MW-30R	d	Disulfoton	298-04-4	ug/L	12/18/2013	ND	
MW-18	d	Disulfoton	298-04-4	ug/L	6/24/2014	ND	
MW-29	d	Disulfoton	298-04-4	ug/L	7/24/2014	ND	
MW-57	d	Disulfoton	298-04-4	ug/L	7/24/2014	ND	
MW-58	d	Disulfoton	298-04-4	ug/L	7/24/2014	ND	
MW-33R	d	Disulfoton	298-04-4	ug/L	9/24/2014	ND	
MW-50	d	Disulfoton	298-04-4	ug/L	9/24/2014	ND	
MW-51	d	Disulfoton	298-04-4	ug/L	9/24/2014	ND	
MW-52	d	Disulfoton	298-04-4	ug/L	9/24/2014	ND	
MW-53	d	Disulfoton	298-04-4	ug/L	9/24/2014	ND	
MW-54	d	Disulfoton	298-04-4	ug/L	9/24/2014	ND	
MW-14R	d	Disulfoton	298-04-4	ug/L	12/4/2014	ND	
MW-19	d	Disulfoton	298-04-4	ug/L	12/4/2014	ND	
MW-28	d	Disulfoton	298-04-4	ug/L	12/4/2014	ND	
MW-56	d	Disulfoton	298-04-4	ug/L	12/4/2014	ND	
MW-55	d	Disulfoton	298-04-4	ug/L	3/11/2015	ND	
MW-20	d	Disulfoton	298-04-4	ug/L	4/3/2018	ND	
MW-21	d	Disulfoton	298-04-4	ug/L	4/3/2018	ND	
MW-30R	d	Disulfoton	298-04-4	ug/L	4/3/2018	ND	
MW-31R	d	Disulfoton	298-04-4	ug/L	4/3/2018	ND	
MW-32R	d	Disulfoton	298-04-4	ug/L	4/3/2018	ND	
MW-39	d	Disulfoton	298-04-4	ug/L	11/1/2018	ND	
MW-22R	d	Disulfoton	298-04-4	ug/L	11/2/2018	ND	
MW-18	d	Disulfoton	298-04-4	ug/L	5/16/2019	ND	
MW-19	d	Disulfoton	298-04-4	ug/L	5/16/2019	ND	
MW-28	d	Disulfoton	298-04-4	ug/L	5/16/2019	ND	
MW-50	d	Disulfoton	298-04-4	ug/L	5/20/2019	ND	
MW-51	d	Disulfoton	298-04-4	ug/L	5/20/2019	ND	
MW-52	d	Disulfoton	298-04-4	ug/L	5/20/2019	ND	
MW-53	d	Disulfoton	298-04-4	ug/L	5/20/2019	ND	
MW-54	d	Disulfoton	298-04-4	ug/L	5/20/2019	ND	
MW-56	d	Disulfoton	298-04-4	ug/L	5/20/2019	ND	
MW-14R	d	Disulfoton	298-04-4	ug/L	9/11/2019	ND	
MW-29	d	Disulfoton	298-04-4	ug/L	9/11/2019	ND	
MW-33R	d	Disulfoton	298-04-4	ug/L	9/11/2019	ND	
MW-58	d	Disulfoton	298-04-4	ug/L	9/11/2019	ND	
MW-55	d	Disulfoton	298-04-4	ug/L	11/12/2020	ND	
MW-29	d	Endosulfan I	959-98-8	ug/L	8/17/2010	ND	
MW-29	d	Endosulfan I	959-98-8	ug/L	9/9/2011	ND	
MW-39	d	Endosulfan I	959-98-8	ug/L	3/11/2013	ND	
MW-31R	d	Endosulfan I	959-98-8	ug/L	9/10/2013	ND	
MW-32R	d	Endosulfan I	959-98-8	ug/L	9/10/2013	ND	
MW-18	d	Endosulfan I	959-98-8	ug/L	12/18/2013	ND	
MW-20	d	Endosulfan I	959-98-8	ug/L	12/18/2013	ND	
MW-21	d	Endosulfan I	959-98-8	ug/L	12/18/2013	ND	
MW-22R	d	Endosulfan I	959-98-8	ug/L	12/18/2013	J	0.0212
MW-30R	d	Endosulfan I	959-98-8	ug/L	12/18/2013	ND	
MW-18	d	Endosulfan I	959-98-8	ug/L	6/24/2014	ND	
MW-29	d	Endosulfan I	959-98-8	ug/L	7/24/2014	J	0.00703
MW-57	d	Endosulfan I	959-98-8	ug/L	7/24/2014	ND	
MW-58	d	Endosulfan I	959-98-8	ug/L	7/24/2014	ND	
MW-33R	d	Endosulfan I	959-98-8	ug/L	9/24/2014	ND	
MW-50	d	Endosulfan I	959-98-8	ug/L	9/24/2014	ND	
MW-51	d	Endosulfan I	959-98-8	ug/L	9/24/2014	ND	
MW-52	d	Endosulfan I	959-98-8	ug/L	9/24/2014	ND	
MW-53	d	Endosulfan I	959-98-8	ug/L	9/24/2014	ND	
MW-54	d	Endosulfan I	959-98-8	ug/L	9/24/2014	ND	
MW-14R	d	Endosulfan I	959-98-8	ug/L	12/4/2014	J	0.00359
MW-19	d	Endosulfan I	959-98-8	ug/L	12/4/2014	ND	
MW-28	d	Endosulfan I	959-98-8	ug/L	12/4/2014	ND	
MW-56	d	Endosulfan I	959-98-8	ug/L	12/4/2014	J	0.00267
MW-55	d	Endosulfan I	959-98-8	ug/L	3/11/2015	ND	
MW-20	d	Endosulfan I	959-98-8	ug/L	4/3/2018	ND	
MW-21	d	Endosulfan I	959-98-8	ug/L	4/3/2018	ND	
MW-30R	d	Endosulfan I	959-98-8	ug/L	4/3/2018	ND	
MW-31R	d	Endosulfan I	959-98-8	ug/L	4/3/2018	ND	
MW-32R	d	Endosulfan I	959-98-8	ug/L	4/3/2018	ND	
MW-39	d	Endosulfan I	959-98-8	ug/L	11/1/2018	ND	
MW-22R	d	Endosulfan I	959-98-8	ug/L	11/2/2018	JP	0.00671
MW-18	d	Endosulfan I	959-98-8	ug/L	5/16/2019	ND	
MW-28	d	Endosulfan I	959-98-8	ug/L	5/16/2019	ND	
MW-19	d	Endosulfan I	959-98-8	ug/L	5/20/2019	ND	
MW-50	d	Endosulfan I	959-98-8	ug/L	5/20/2019	ND	
MW-51	d	Endosulfan I	959-98-8	ug/L	5/20/2019	ND	
MW-52	d	Endosulfan I	959-98-8	ug/L	5/20/2019	ND	
MW-53	d	Endosulfan I	959-98-8	ug/L	5/20/2019	ND	
MW-54	d	Endosulfan I	959-98-8	ug/L	5/20/2019	J	0.0026
MW-56	d	Endosulfan I	959-98-8	ug/L	5/20/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	Endosulfan I	959-98-8	ug/L	9/11/2019	J	0.00936
MW-29	d	Endosulfan I	959-98-8	ug/L	9/11/2019	J	0.00817
MW-33R	d	Endosulfan I	959-98-8	ug/L	9/11/2019	ND	
MW-58	d	Endosulfan I	959-98-8	ug/L	9/11/2019	J	0.00296
MW-14R	d	Endosulfan I	959-98-8	ug/L	3/17/2020	J	0.00412
MW-29	d	Endosulfan I	959-98-8	ug/L	3/17/2020	ND	
MW-58	d	Endosulfan I	959-98-8	ug/L	3/17/2020	J	0.00268
MW-55	d	Endosulfan I	959-98-8	ug/L	11/12/2020	ND	
MW-14R	d	Endosulfan I	959-98-8	ug/L	8/24/2021		<0.0337
MW-29	d	Endosulfan I	959-98-8	ug/L	8/25/2021		<0.0337
MW-58	d	Endosulfan I	959-98-8	ug/L	8/25/2021		<0.0333
MW-39	d	Endosulfan II	33213-65-9	ug/L	3/11/2013	ND	
MW-31R	d	Endosulfan II	33213-65-9	ug/L	9/10/2013	ND	
MW-32R	d	Endosulfan II	33213-65-9	ug/L	9/10/2013	ND	
MW-18	d	Endosulfan II	33213-65-9	ug/L	12/18/2013	ND	
MW-20	d	Endosulfan II	33213-65-9	ug/L	12/18/2013	ND	
MW-21	d	Endosulfan II	33213-65-9	ug/L	12/18/2013	ND	
MW-22R	d	Endosulfan II	33213-65-9	ug/L	12/18/2013	ND	
MW-30R	d	Endosulfan II	33213-65-9	ug/L	12/18/2013	ND	
MW-18	d	Endosulfan II	33213-65-9	ug/L	6/24/2014	ND	
MW-29	d	Endosulfan II	33213-65-9	ug/L	7/24/2014		0.038
MW-57	d	Endosulfan II	33213-65-9	ug/L	7/24/2014	ND	
MW-58	d	Endosulfan II	33213-65-9	ug/L	7/24/2014	ND	
MW-29	d	Endosulfan II	33213-65-9	ug/L	9/24/2014		0.0419
MW-33R	d	Endosulfan II	33213-65-9	ug/L	9/24/2014	ND	
MW-50	d	Endosulfan II	33213-65-9	ug/L	9/24/2014	ND	
MW-51	d	Endosulfan II	33213-65-9	ug/L	9/24/2014	ND	
MW-52	d	Endosulfan II	33213-65-9	ug/L	9/24/2014	ND	
MW-53	d	Endosulfan II	33213-65-9	ug/L	9/24/2014	ND	
MW-54	d	Endosulfan II	33213-65-9	ug/L	9/24/2014	J	0.00301
MW-14R	d	Endosulfan II	33213-65-9	ug/L	12/4/2014	ND	
MW-19	d	Endosulfan II	33213-65-9	ug/L	12/4/2014	ND	
MW-28	d	Endosulfan II	33213-65-9	ug/L	12/4/2014	ND	
MW-56	d	Endosulfan II	33213-65-9	ug/L	12/4/2014	ND	
MW-55	d	Endosulfan II	33213-65-9	ug/L	3/11/2015	ND	
MW-29	d	Endosulfan II	33213-65-9	ug/L	6/29/2015	ND	
MW-29	d	Endosulfan II	33213-65-9	ug/L	7/10/2017	ND	
MW-20	d	Endosulfan II	33213-65-9	ug/L	4/3/2018	ND	
MW-21	d	Endosulfan II	33213-65-9	ug/L	4/3/2018	ND	
MW-29	d	Endosulfan II	33213-65-9	ug/L	4/3/2018	ND	
MW-30R	d	Endosulfan II	33213-65-9	ug/L	4/3/2018	ND	
MW-31R	d	Endosulfan II	33213-65-9	ug/L	4/3/2018	ND	
MW-32R	d	Endosulfan II	33213-65-9	ug/L	4/3/2018	ND	
MW-39	d	Endosulfan II	33213-65-9	ug/L	11/1/2018	ND	
MW-22R	d	Endosulfan II	33213-65-9	ug/L	11/2/2018	ND	
MW-18	d	Endosulfan II	33213-65-9	ug/L	5/16/2019	ND	
MW-28	d	Endosulfan II	33213-65-9	ug/L	5/16/2019	ND	
MW-19	d	Endosulfan II	33213-65-9	ug/L	5/20/2019	ND	
MW-50	d	Endosulfan II	33213-65-9	ug/L	5/20/2019	ND	
MW-51	d	Endosulfan II	33213-65-9	ug/L	5/20/2019	ND	
MW-52	d	Endosulfan II	33213-65-9	ug/L	5/20/2019	ND	
MW-53	d	Endosulfan II	33213-65-9	ug/L	5/20/2019	ND	
MW-54	d	Endosulfan II	33213-65-9	ug/L	5/20/2019	ND	
MW-56	d	Endosulfan II	33213-65-9	ug/L	5/20/2019	ND	
MW-14R	d	Endosulfan II	33213-65-9	ug/L	9/11/2019	J	0.00271
MW-29	d	Endosulfan II	33213-65-9	ug/L	9/11/2019	ND	
MW-33R	d	Endosulfan II	33213-65-9	ug/L	9/11/2019	ND	
MW-58	d	Endosulfan II	33213-65-9	ug/L	9/11/2019	ND	
MW-14R	d	Endosulfan II	33213-65-9	ug/L	3/17/2020	ND	
MW-29	d	Endosulfan II	33213-65-9	ug/L	3/17/2020	ND	
MW-55	d	Endosulfan II	33213-65-9	ug/L	11/12/2020	JP	0.00616
MW-14R	d	Endosulfan II	33213-65-9	ug/L	8/24/2021		<0.0337
MW-29	d	Endosulfan II	33213-65-9	ug/L	8/25/2021		<0.0337
MW-39	d	Endosulfan sulfate	1031-07-8	ug/L	3/11/2013	ND	
MW-31R	d	Endosulfan sulfate	1031-07-8	ug/L	9/10/2013	J	0.00493
MW-32R	d	Endosulfan sulfate	1031-07-8	ug/L	9/10/2013	ND	
MW-18	d	Endosulfan sulfate	1031-07-8	ug/L	12/18/2013	ND	
MW-20	d	Endosulfan sulfate	1031-07-8	ug/L	12/18/2013	ND	
MW-21	d	Endosulfan sulfate	1031-07-8	ug/L	12/18/2013	ND	
MW-22R	d	Endosulfan sulfate	1031-07-8	ug/L	12/18/2013	ND	
MW-30R	d	Endosulfan sulfate	1031-07-8	ug/L	12/18/2013	ND	
MW-18	d	Endosulfan sulfate	1031-07-8	ug/L	6/24/2014	ND	
MW-29	d	Endosulfan sulfate	1031-07-8	ug/L	7/24/2014	J	0.0339
MW-57	d	Endosulfan sulfate	1031-07-8	ug/L	7/24/2014	ND	
MW-58	d	Endosulfan sulfate	1031-07-8	ug/L	7/24/2014	ND	
MW-33R	d	Endosulfan sulfate	1031-07-8	ug/L	9/24/2014	ND	
MW-50	d	Endosulfan sulfate	1031-07-8	ug/L	9/24/2014	ND	
MW-51	d	Endosulfan sulfate	1031-07-8	ug/L	9/24/2014	ND	
MW-52	d	Endosulfan sulfate	1031-07-8	ug/L	9/24/2014	ND	
MW-53	d	Endosulfan sulfate	1031-07-8	ug/L	9/24/2014	ND	
MW-54	d	Endosulfan sulfate	1031-07-8	ug/L	9/24/2014	ND	
MW-14R	d	Endosulfan sulfate	1031-07-8	ug/L	12/4/2014	ND	
MW-19	d	Endosulfan sulfate	1031-07-8	ug/L	12/4/2014	ND	
MW-28	d	Endosulfan sulfate	1031-07-8	ug/L	12/4/2014	ND	
MW-56	d	Endosulfan sulfate	1031-07-8	ug/L	12/4/2014	ND	
MW-55	d	Endosulfan sulfate	1031-07-8	ug/L	3/11/2015	J	0.00462
MW-20	d	Endosulfan sulfate	1031-07-8	ug/L	4/3/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-21	d	Endosulfan sulfate	1031-07-8	ug/L	4/3/2018	ND	
MW-30R	d	Endosulfan sulfate	1031-07-8	ug/L	4/3/2018	ND	
MW-31R	d	Endosulfan sulfate	1031-07-8	ug/L	4/3/2018	ND	
MW-32R	d	Endosulfan sulfate	1031-07-8	ug/L	4/3/2018	ND	
MW-39	d	Endosulfan sulfate	1031-07-8	ug/L	11/1/2018	ND	
MW-22R	d	Endosulfan sulfate	1031-07-8	ug/L	11/2/2018	ND	
MW-18	d	Endosulfan sulfate	1031-07-8	ug/L	5/16/2019	ND	
MW-28	d	Endosulfan sulfate	1031-07-8	ug/L	5/16/2019	ND	
MW-19	d	Endosulfan sulfate	1031-07-8	ug/L	5/20/2019	ND	
MW-50	d	Endosulfan sulfate	1031-07-8	ug/L	5/20/2019	ND	
MW-51	d	Endosulfan sulfate	1031-07-8	ug/L	5/20/2019	ND	
MW-52	d	Endosulfan sulfate	1031-07-8	ug/L	5/20/2019	ND	
MW-53	d	Endosulfan sulfate	1031-07-8	ug/L	5/20/2019	ND	
MW-54	d	Endosulfan sulfate	1031-07-8	ug/L	5/20/2019	ND	
MW-56	d	Endosulfan sulfate	1031-07-8	ug/L	5/20/2019	ND	
MW-14R	d	Endosulfan sulfate	1031-07-8	ug/L	9/11/2019	ND	
MW-29	d	Endosulfan sulfate	1031-07-8	ug/L	9/11/2019	ND	
MW-33R	d	Endosulfan sulfate	1031-07-8	ug/L	9/11/2019	ND	
MW-58	d	Endosulfan sulfate	1031-07-8	ug/L	9/11/2019	ND	
MW-55	d	Endosulfan sulfate	1031-07-8	ug/L	11/12/2020	J	0.0071
MW-39	d	Endrin	72-20-8	ug/L	3/11/2013	ND	
MW-31R	d	Endrin	72-20-8	ug/L	9/10/2013	ND	
MW-32R	d	Endrin	72-20-8	ug/L	9/10/2013	ND	
MW-18	d	Endrin	72-20-8	ug/L	12/18/2013	ND	
MW-20	d	Endrin	72-20-8	ug/L	12/18/2013	ND	
MW-21	d	Endrin	72-20-8	ug/L	12/18/2013	ND	
MW-22R	d	Endrin	72-20-8	ug/L	12/18/2013	ND	
MW-30R	d	Endrin	72-20-8	ug/L	12/18/2013	ND	
MW-18	d	Endrin	72-20-8	ug/L	6/24/2014	ND	
MW-29	d	Endrin	72-20-8	ug/L	7/24/2014	J	0.00349
MW-57	d	Endrin	72-20-8	ug/L	7/24/2014	ND	
MW-58	d	Endrin	72-20-8	ug/L	7/24/2014	ND	
MW-33R	d	Endrin	72-20-8	ug/L	9/24/2014	ND	
MW-50	d	Endrin	72-20-8	ug/L	9/24/2014	ND	
MW-51	d	Endrin	72-20-8	ug/L	9/24/2014	J	0.0028
MW-52	d	Endrin	72-20-8	ug/L	9/24/2014	ND	
MW-53	d	Endrin	72-20-8	ug/L	9/24/2014	ND	
MW-54	d	Endrin	72-20-8	ug/L	9/24/2014	J	0.00286
MW-14R	d	Endrin	72-20-8	ug/L	12/4/2014	ND	
MW-19	d	Endrin	72-20-8	ug/L	12/4/2014	ND	
MW-28	d	Endrin	72-20-8	ug/L	12/4/2014	ND	
MW-56	d	Endrin	72-20-8	ug/L	12/4/2014	ND	
MW-55	d	Endrin	72-20-8	ug/L	3/11/2015	J	0.00575
MW-20	d	Endrin	72-20-8	ug/L	4/3/2018	ND	
MW-21	d	Endrin	72-20-8	ug/L	4/3/2018	ND	
MW-30R	d	Endrin	72-20-8	ug/L	4/3/2018	ND	
MW-31R	d	Endrin	72-20-8	ug/L	4/3/2018	ND	
MW-32R	d	Endrin	72-20-8	ug/L	4/3/2018	ND	
MW-39	d	Endrin	72-20-8	ug/L	11/1/2018	ND	
MW-22R	d	Endrin	72-20-8	ug/L	11/2/2018	ND	
MW-18	d	Endrin	72-20-8	ug/L	5/16/2019	ND	
MW-28	d	Endrin	72-20-8	ug/L	5/16/2019	ND	
MW-19	d	Endrin	72-20-8	ug/L	5/20/2019	ND	
MW-50	d	Endrin	72-20-8	ug/L	5/20/2019	ND	
MW-51	d	Endrin	72-20-8	ug/L	5/20/2019	JP	0.00367
MW-52	d	Endrin	72-20-8	ug/L	5/20/2019	ND	
MW-53	d	Endrin	72-20-8	ug/L	5/20/2019	ND	
MW-54	d	Endrin	72-20-8	ug/L	5/20/2019	ND	
MW-56	d	Endrin	72-20-8	ug/L	5/20/2019	ND	
MW-14R	d	Endrin	72-20-8	ug/L	9/11/2019	ND	
MW-29	d	Endrin	72-20-8	ug/L	9/11/2019	ND	
MW-33R	d	Endrin	72-20-8	ug/L	9/11/2019	J	0.002
MW-58	d	Endrin	72-20-8	ug/L	9/11/2019	ND	
MW-33R	d	Endrin	72-20-8	ug/L	3/16/2020	ND	
MW-55	d	Endrin	72-20-8	ug/L	11/12/2020	ND	
MW-33R	d	Endrin	72-20-8	ug/L	8/24/2021		<0.0337
MW-29	d	Endrin	72-20-8	ug/L	8/25/2021		<0.0337
MW-39	d	Endrin aldehyde	7421-93-4	ug/L	3/11/2013	ND	
MW-31R	d	Endrin aldehyde	7421-93-4	ug/L	9/10/2013	ND	
MW-32R	d	Endrin aldehyde	7421-93-4	ug/L	9/10/2013	ND	
MW-18	d	Endrin aldehyde	7421-93-4	ug/L	12/18/2013	ND	
MW-20	d	Endrin aldehyde	7421-93-4	ug/L	12/18/2013	ND	
MW-21	d	Endrin aldehyde	7421-93-4	ug/L	12/18/2013	ND	
MW-22R	d	Endrin aldehyde	7421-93-4	ug/L	12/18/2013	ND	
MW-30R	d	Endrin aldehyde	7421-93-4	ug/L	12/18/2013	ND	
MW-18	d	Endrin aldehyde	7421-93-4	ug/L	6/24/2014	ND	
MW-29	d	Endrin aldehyde	7421-93-4	ug/L	7/24/2014	J	0.00974
MW-57	d	Endrin aldehyde	7421-93-4	ug/L	7/24/2014	ND	
MW-58	d	Endrin aldehyde	7421-93-4	ug/L	7/24/2014	ND	
MW-33R	d	Endrin aldehyde	7421-93-4	ug/L	9/24/2014	ND	
MW-50	d	Endrin aldehyde	7421-93-4	ug/L	9/24/2014	ND	
MW-51	d	Endrin aldehyde	7421-93-4	ug/L	9/24/2014	ND	
MW-52	d	Endrin aldehyde	7421-93-4	ug/L	9/24/2014	J	0.0192
MW-53	d	Endrin aldehyde	7421-93-4	ug/L	9/24/2014	ND	
MW-54	d	Endrin aldehyde	7421-93-4	ug/L	9/24/2014	ND	
MW-14R	d	Endrin aldehyde	7421-93-4	ug/L	12/4/2014	ND	
MW-19	d	Endrin aldehyde	7421-93-4	ug/L	12/4/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-28	d	Endrin aldehyde	7421-93-4	ug/L	12/4/2014	ND	
MW-56	d	Endrin aldehyde	7421-93-4	ug/L	12/4/2014	ND	
MW-55	d	Endrin aldehyde	7421-93-4	ug/L	3/11/2015	ND	
MW-20	d	Endrin aldehyde	7421-93-4	ug/L	4/3/2018	ND	
MW-21	d	Endrin aldehyde	7421-93-4	ug/L	4/3/2018	ND	
MW-30R	d	Endrin aldehyde	7421-93-4	ug/L	4/3/2018	ND	
MW-31R	d	Endrin aldehyde	7421-93-4	ug/L	4/3/2018	ND	
MW-32R	d	Endrin aldehyde	7421-93-4	ug/L	4/3/2018	ND	
MW-39	d	Endrin aldehyde	7421-93-4	ug/L	11/1/2018	ND	
MW-22R	d	Endrin aldehyde	7421-93-4	ug/L	11/2/2018	ND	
MW-18	d	Endrin aldehyde	7421-93-4	ug/L	5/16/2019	ND	
MW-28	d	Endrin aldehyde	7421-93-4	ug/L	5/16/2019	ND	
MW-19	d	Endrin aldehyde	7421-93-4	ug/L	5/20/2019	ND	
MW-50	d	Endrin aldehyde	7421-93-4	ug/L	5/20/2019	ND	
MW-51	d	Endrin aldehyde	7421-93-4	ug/L	5/20/2019	ND	
MW-52	d	Endrin aldehyde	7421-93-4	ug/L	5/20/2019	ND	
MW-53	d	Endrin aldehyde	7421-93-4	ug/L	5/20/2019		0.0338
MW-54	d	Endrin aldehyde	7421-93-4	ug/L	5/20/2019	ND	
MW-56	d	Endrin aldehyde	7421-93-4	ug/L	5/20/2019	ND	
MW-14R	d	Endrin aldehyde	7421-93-4	ug/L	9/11/2019	ND	
MW-29	d	Endrin aldehyde	7421-93-4	ug/L	9/11/2019	ND	
MW-33R	d	Endrin aldehyde	7421-93-4	ug/L	9/11/2019	ND	
MW-58	d	Endrin aldehyde	7421-93-4	ug/L	9/11/2019	ND	
MW-55	d	Endrin aldehyde	7421-93-4	ug/L	11/12/2020	ND	
MW-68	d	Ethane	74-84-0	mg/L	6/30/2015	ND	
MW-69	d	Ethane	74-84-0	mg/L	6/30/2015	ND	
PZ-13	d	Ethane	74-84-0	mg/L	7/1/2015	ND	
MW-68	d	Ethane	74-84-0	mg/L	9/24/2015	J	0.000565
MW-69	d	Ethane	74-84-0	mg/L	9/24/2015		0.00142
PZ-13	d	Ethane	74-84-0	mg/L	9/25/2015	ND	
MW-14R	d	Ethane	74-84-0	mg/L	2/15/2016	ND	
MW-29	d	Ethane	74-84-0	mg/L	2/15/2016		0.00557
MW-30R	d	Ethane	74-84-0	mg/L	2/15/2016		0.00528
MW-39	d	Ethyl Methacrylate	97-63-2	ug/L	3/11/2013	ND	
MW-31R	d	Ethyl Methacrylate	97-63-2	ug/L	9/10/2013	ND	
MW-32R	d	Ethyl Methacrylate	97-63-2	ug/L	9/10/2013	ND	
MW-18	d	Ethyl Methacrylate	97-63-2	ug/L	12/18/2013	ND	
MW-20	d	Ethyl Methacrylate	97-63-2	ug/L	12/18/2013	ND	
MW-21	d	Ethyl Methacrylate	97-63-2	ug/L	12/18/2013	ND	
MW-22R	d	Ethyl Methacrylate	97-63-2	ug/L	12/18/2013	ND	
MW-30R	d	Ethyl Methacrylate	97-63-2	ug/L	12/18/2013	ND	
MW-18	d	Ethyl Methacrylate	97-63-2	ug/L	6/24/2014	ND	
MW-29	d	Ethyl Methacrylate	97-63-2	ug/L	7/24/2014	ND	
MW-57	d	Ethyl Methacrylate	97-63-2	ug/L	7/24/2014	ND	
MW-58	d	Ethyl Methacrylate	97-63-2	ug/L	7/24/2014	ND	
MW-33R	d	Ethyl Methacrylate	97-63-2	ug/L	9/24/2014	ND	
MW-50	d	Ethyl Methacrylate	97-63-2	ug/L	9/24/2014	ND	
MW-51	d	Ethyl Methacrylate	97-63-2	ug/L	9/24/2014	ND	
MW-52	d	Ethyl Methacrylate	97-63-2	ug/L	9/24/2014	ND	
MW-53	d	Ethyl Methacrylate	97-63-2	ug/L	9/24/2014	ND	
MW-54	d	Ethyl Methacrylate	97-63-2	ug/L	9/24/2014	ND	
MW-14R	d	Ethyl Methacrylate	97-63-2	ug/L	12/4/2014	ND	
MW-19	d	Ethyl Methacrylate	97-63-2	ug/L	12/4/2014	ND	
MW-28	d	Ethyl Methacrylate	97-63-2	ug/L	12/4/2014	ND	
MW-56	d	Ethyl Methacrylate	97-63-2	ug/L	12/4/2014	ND	
MW-55	d	Ethyl Methacrylate	97-63-2	ug/L	3/11/2015	ND	
MW-20	d	Ethyl Methacrylate	97-63-2	ug/L	4/3/2018	ND	
MW-21	d	Ethyl Methacrylate	97-63-2	ug/L	4/3/2018	ND	
MW-30R	d	Ethyl Methacrylate	97-63-2	ug/L	4/3/2018	ND	
MW-31R	d	Ethyl Methacrylate	97-63-2	ug/L	4/3/2018	ND	
MW-32R	d	Ethyl Methacrylate	97-63-2	ug/L	4/3/2018	ND	
MW-39	d	Ethyl Methacrylate	97-63-2	ug/L	11/1/2018	ND	
MW-22R	d	Ethyl Methacrylate	97-63-2	ug/L	11/2/2018	ND	
MW-18	d	Ethyl Methacrylate	97-63-2	ug/L	5/16/2019	ND	
MW-19	d	Ethyl Methacrylate	97-63-2	ug/L	5/16/2019	ND	
MW-28	d	Ethyl Methacrylate	97-63-2	ug/L	5/16/2019	ND	
MW-50	d	Ethyl Methacrylate	97-63-2	ug/L	5/20/2019	ND	
MW-51	d	Ethyl Methacrylate	97-63-2	ug/L	5/20/2019	ND	
MW-52	d	Ethyl Methacrylate	97-63-2	ug/L	5/20/2019	ND	
MW-54	d	Ethyl Methacrylate	97-63-2	ug/L	5/20/2019	ND	
MW-56	d	Ethyl Methacrylate	97-63-2	ug/L	5/20/2019	ND	
MW-53	d	Ethyl Methacrylate	97-63-2	ug/L	5/21/2019	ND	
MW-14R	d	Ethyl Methacrylate	97-63-2	ug/L	9/11/2019	ND	
MW-29	d	Ethyl Methacrylate	97-63-2	ug/L	9/11/2019	ND	
MW-30R	d	Ethyl Methacrylate	97-63-2	ug/L	9/11/2019	ND	
MW-33R	d	Ethyl Methacrylate	97-63-2	ug/L	9/11/2019	ND	
MW-58	d	Ethyl Methacrylate	97-63-2	ug/L	9/11/2019	ND	
MW-55	d	Ethyl Methacrylate	97-63-2	ug/L	11/12/2020	ND	
MW-39	d	Ethyl Methanesulfonate	62-50-0	ug/L	3/11/2013	ND	
MW-31R	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/10/2013	ND	
MW-32R	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/10/2013	ND	
MW-18	d	Ethyl Methanesulfonate	62-50-0	ug/L	12/18/2013	ND	
MW-20	d	Ethyl Methanesulfonate	62-50-0	ug/L	12/18/2013	ND	
MW-21	d	Ethyl Methanesulfonate	62-50-0	ug/L	12/18/2013	ND	
MW-22R	d	Ethyl Methanesulfonate	62-50-0	ug/L	12/18/2013	ND	
MW-30R	d	Ethyl Methanesulfonate	62-50-0	ug/L	12/18/2013	ND	
MW-18	d	Ethyl Methanesulfonate	62-50-0	ug/L	6/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Ethyl Methanesulfonate	62-50-0	ug/L	7/24/2014	ND	
MW-57	d	Ethyl Methanesulfonate	62-50-0	ug/L	7/24/2014	ND	
MW-58	d	Ethyl Methanesulfonate	62-50-0	ug/L	7/24/2014	ND	
MW-33R	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/24/2014	ND	
MW-50	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/24/2014	ND	
MW-51	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/24/2014	ND	
MW-52	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/24/2014	ND	
MW-53	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/24/2014	ND	
MW-54	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/24/2014	ND	
MW-14R	d	Ethyl Methanesulfonate	62-50-0	ug/L	12/4/2014	ND	
MW-19	d	Ethyl Methanesulfonate	62-50-0	ug/L	12/4/2014	ND	
MW-28	d	Ethyl Methanesulfonate	62-50-0	ug/L	12/4/2014	ND	
MW-56	d	Ethyl Methanesulfonate	62-50-0	ug/L	12/4/2014	ND	
MW-55	d	Ethyl Methanesulfonate	62-50-0	ug/L	3/11/2015	ND	
MW-20	d	Ethyl Methanesulfonate	62-50-0	ug/L	4/3/2018	ND	
MW-21	d	Ethyl Methanesulfonate	62-50-0	ug/L	4/3/2018	ND	
MW-30R	d	Ethyl Methanesulfonate	62-50-0	ug/L	4/3/2018	ND	
MW-31R	d	Ethyl Methanesulfonate	62-50-0	ug/L	4/3/2018	ND	
MW-32R	d	Ethyl Methanesulfonate	62-50-0	ug/L	4/3/2018	ND	
MW-39	d	Ethyl Methanesulfonate	62-50-0	ug/L	11/1/2018	ND	
MW-22R	d	Ethyl Methanesulfonate	62-50-0	ug/L	11/2/2018	ND	
MW-18	d	Ethyl Methanesulfonate	62-50-0	ug/L	5/16/2019	ND	
MW-19	d	Ethyl Methanesulfonate	62-50-0	ug/L	5/16/2019	ND	
MW-28	d	Ethyl Methanesulfonate	62-50-0	ug/L	5/16/2019	ND	
MW-50	d	Ethyl Methanesulfonate	62-50-0	ug/L	5/20/2019	ND	
MW-51	d	Ethyl Methanesulfonate	62-50-0	ug/L	5/20/2019	ND	
MW-52	d	Ethyl Methanesulfonate	62-50-0	ug/L	5/20/2019	ND	
MW-53	d	Ethyl Methanesulfonate	62-50-0	ug/L	5/20/2019	ND	
MW-54	d	Ethyl Methanesulfonate	62-50-0	ug/L	5/20/2019	ND	
MW-56	d	Ethyl Methanesulfonate	62-50-0	ug/L	5/20/2019	ND	
MW-14R	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/11/2019	ND	
MW-29	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/11/2019	ND	
MW-33R	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/11/2019	ND	
MW-58	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/11/2019	ND	
MW-55	d	Ethyl Methanesulfonate	62-50-0	ug/L	11/12/2020	ND	
MW-51	d	Ethylbenzene	100-41-4	ug/L	1/15/2010	ND	
MW-24R	u	Ethylbenzene	100-41-4	ug/L	2/11/2010	ND	
MW-53	d	Ethylbenzene	100-41-4	ug/L	2/11/2010		29.7
GU-3A	d	Ethylbenzene	100-41-4	ug/L	3/24/2010	ND	
MW-20	d	Ethylbenzene	100-41-4	ug/L	3/24/2010	ND	
MW-21	d	Ethylbenzene	100-41-4	ug/L	3/24/2010	ND	
MW-22R	d	Ethylbenzene	100-41-4	ug/L	3/24/2010	ND	
MW-52	d	Ethylbenzene	100-41-4	ug/L	3/24/2010	ND	
MW-54	d	Ethylbenzene	100-41-4	ug/L	3/24/2010	ND	
MW-55	d	Ethylbenzene	100-41-4	ug/L	3/24/2010	ND	
MW-28	d	Ethylbenzene	100-41-4	ug/L	4/9/2010	ND	
MW-33R	d	Ethylbenzene	100-41-4	ug/L	4/9/2010	ND	
MW-50	d	Ethylbenzene	100-41-4	ug/L	4/9/2010	ND	
MW-56	d	Ethylbenzene	100-41-4	ug/L	4/9/2010	ND	
MW-57	d	Ethylbenzene	100-41-4	ug/L	4/9/2010	ND	
MW-58	d	Ethylbenzene	100-41-4	ug/L	4/9/2010	ND	
MW-32R	d	Ethylbenzene	100-41-4	ug/L	5/18/2010	ND	
MW-53	d	Ethylbenzene	100-41-4	ug/L	5/18/2010		44.3
MW-14R	d	Ethylbenzene	100-41-4	ug/L	6/17/2010	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	6/17/2010	ND	
MW-29	d	Ethylbenzene	100-41-4	ug/L	6/17/2010	ND	
MW-30R	d	Ethylbenzene	100-41-4	ug/L	6/17/2010	ND	
MW-31R	d	Ethylbenzene	100-41-4	ug/L	6/17/2010	ND	
MW-51	d	Ethylbenzene	100-41-4	ug/L	6/17/2010	ND	
MW-21	d	Ethylbenzene	100-41-4	ug/L	7/21/2010	ND	
MW-54	d	Ethylbenzene	100-41-4	ug/L	7/21/2010	ND	
MW-20	d	Ethylbenzene	100-41-4	ug/L	8/17/2010	ND	
MW-29	d	Ethylbenzene	100-41-4	ug/L	8/17/2010	ND	
MW-39	d	Ethylbenzene	100-41-4	ug/L	8/17/2010	ND	
MW-51	d	Ethylbenzene	100-41-4	ug/L	8/17/2010	ND	
GU-3A	d	Ethylbenzene	100-41-4	ug/L	9/17/2010		21
MW-22R	d	Ethylbenzene	100-41-4	ug/L	9/17/2010	ND	
MW-55	d	Ethylbenzene	100-41-4	ug/L	9/17/2010	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	10/22/2010	ND	
MW-24R	u	Ethylbenzene	100-41-4	ug/L	10/22/2010	ND	
MW-30R	d	Ethylbenzene	100-41-4	ug/L	10/22/2010	ND	
MW-31R	d	Ethylbenzene	100-41-4	ug/L	10/22/2010	ND	
MW-50	d	Ethylbenzene	100-41-4	ug/L	10/22/2010	ND	
MW-53	d	Ethylbenzene	100-41-4	ug/L	10/22/2010		32.4
MW-56	d	Ethylbenzene	100-41-4	ug/L	10/22/2010	ND	
MW-58	d	Ethylbenzene	100-41-4	ug/L	10/22/2010	ND	
MW-14R	d	Ethylbenzene	100-41-4	ug/L	11/8/2010	ND	
MW-32R	d	Ethylbenzene	100-41-4	ug/L	11/8/2010	ND	
MW-57	d	Ethylbenzene	100-41-4	ug/L	11/8/2010	ND	
MW-28	d	Ethylbenzene	100-41-4	ug/L	12/15/2010	ND	
MW-33R	d	Ethylbenzene	100-41-4	ug/L	12/15/2010	ND	
MW-52	d	Ethylbenzene	100-41-4	ug/L	12/15/2010	ND	
MW-54	d	Ethylbenzene	100-41-4	ug/L	1/12/2011	ND	
MW-54	d	Ethylbenzene	100-41-4	ug/L	1/12/2011	ND	
MW-20	d	Ethylbenzene	100-41-4	ug/L	2/22/2011	ND	
MW-22R	d	Ethylbenzene	100-41-4	ug/L	2/22/2011	ND	
MW-51	d	Ethylbenzene	100-41-4	ug/L	2/22/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-52	d	Ethylbenzene	100-41-4	ug/L	2/22/2011	ND	
MW-53	d	Ethylbenzene	100-41-4	ug/L	2/22/2011		31.9
MW-55	d	Ethylbenzene	100-41-4	ug/L	2/22/2011	ND	
GU-3A	d	Ethylbenzene	100-41-4	ug/L	3/2/2011		3.45
MW-21	d	Ethylbenzene	100-41-4	ug/L	3/2/2011	ND	
MW-21	d	Ethylbenzene	100-41-4	ug/L	3/2/2011	ND	
MW-29	d	Ethylbenzene	100-41-4	ug/L	4/21/2011	ND	
MW-30R	d	Ethylbenzene	100-41-4	ug/L	4/21/2011	ND	
MW-31R	d	Ethylbenzene	100-41-4	ug/L	4/21/2011	ND	
MW-31R	d	Ethylbenzene	100-41-4	ug/L	4/21/2011	ND	
MW-32R	d	Ethylbenzene	100-41-4	ug/L	4/21/2011	ND	
MW-54	d	Ethylbenzene	100-41-4	ug/L	5/31/2011	ND	
MW-56	d	Ethylbenzene	100-41-4	ug/L	5/31/2011	ND	
MW-57	d	Ethylbenzene	100-41-4	ug/L	5/31/2011	ND	
MW-58	d	Ethylbenzene	100-41-4	ug/L	5/31/2011	ND	
MW-14R	d	Ethylbenzene	100-41-4	ug/L	6/7/2011	ND	
MW-14R	d	Ethylbenzene	100-41-4	ug/L	6/7/2011	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	6/7/2011	ND	
MW-28	d	Ethylbenzene	100-41-4	ug/L	6/7/2011	ND	
MW-33R	d	Ethylbenzene	100-41-4	ug/L	6/7/2011	ND	
MW-39	d	Ethylbenzene	100-41-4	ug/L	6/7/2011	ND	
MW-50	d	Ethylbenzene	100-41-4	ug/L	6/7/2011	ND	
MW-52	d	Ethylbenzene	100-41-4	ug/L	7/22/2011	ND	
MW-56	d	Ethylbenzene	100-41-4	ug/L	7/22/2011	ND	
MW-58	d	Ethylbenzene	100-41-4	ug/L	7/22/2011	ND	
MW-14R	d	Ethylbenzene	100-41-4	ug/L	8/29/2011	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	8/29/2011	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	8/29/2011	ND	
MW-32R	d	Ethylbenzene	100-41-4	ug/L	8/29/2011	ND	
GU-3A	d	Ethylbenzene	100-41-4	ug/L	9/9/2011	ND	
MW-22R	d	Ethylbenzene	100-41-4	ug/L	9/9/2011	ND	
MW-28	d	Ethylbenzene	100-41-4	ug/L	9/9/2011	ND	
MW-29	d	Ethylbenzene	100-41-4	ug/L	9/9/2011	ND	
MW-51	d	Ethylbenzene	100-41-4	ug/L	9/9/2011	ND	
MW-53	d	Ethylbenzene	100-41-4	ug/L	9/9/2011		41.9
MW-53	d	Ethylbenzene	100-41-4	ug/L	9/9/2011		35.7
MW-21	d	Ethylbenzene	100-41-4	ug/L	10/4/2011	ND	
MW-50	d	Ethylbenzene	100-41-4	ug/L	10/4/2011	ND	
MW-50	d	Ethylbenzene	100-41-4	ug/L	10/4/2011	ND	
MW-54	d	Ethylbenzene	100-41-4	ug/L	10/4/2011	ND	
MW-57	d	Ethylbenzene	100-41-4	ug/L	10/4/2011	ND	
MW-20	d	Ethylbenzene	100-41-4	ug/L	11/29/2011	ND	
MW-30R	d	Ethylbenzene	100-41-4	ug/L	11/29/2011	ND	
MW-52	d	Ethylbenzene	100-41-4	ug/L	11/29/2011	ND	
MW-55	d	Ethylbenzene	100-41-4	ug/L	11/29/2011	ND	
MW-31R	d	Ethylbenzene	100-41-4	ug/L	12/16/2011	ND	
MW-33R	d	Ethylbenzene	100-41-4	ug/L	12/16/2011	ND	
MW-39	d	Ethylbenzene	100-41-4	ug/L	12/16/2011	ND	
MW-14R	d	Ethylbenzene	100-41-4	ug/L	3/8/2012	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	3/8/2012	ND	
MW-20	d	Ethylbenzene	100-41-4	ug/L	3/8/2012	ND	
MW-21	d	Ethylbenzene	100-41-4	ug/L	3/8/2012	ND	
MW-22R	d	Ethylbenzene	100-41-4	ug/L	3/8/2012	ND	
MW-28	d	Ethylbenzene	100-41-4	ug/L	3/8/2012	ND	
MW-39	d	Ethylbenzene	100-41-4	ug/L	3/8/2012	ND	
MW-55	d	Ethylbenzene	100-41-4	ug/L	3/8/2012	ND	
MW-56	d	Ethylbenzene	100-41-4	ug/L	3/8/2012	ND	
MW-57	d	Ethylbenzene	100-41-4	ug/L	3/8/2012	ND	
MW-58	d	Ethylbenzene	100-41-4	ug/L	3/8/2012	ND	
GU-3A	d	Ethylbenzene	100-41-4	ug/L	6/13/2012	ND	
MW-29	d	Ethylbenzene	100-41-4	ug/L	6/13/2012	ND	
MW-30R	d	Ethylbenzene	100-41-4	ug/L	6/13/2012	ND	
MW-31R	d	Ethylbenzene	100-41-4	ug/L	6/13/2012	ND	
MW-32R	d	Ethylbenzene	100-41-4	ug/L	6/13/2012	ND	
MW-33R	d	Ethylbenzene	100-41-4	ug/L	6/13/2012	ND	
MW-50	d	Ethylbenzene	100-41-4	ug/L	6/13/2012	ND	
MW-50	d	Ethylbenzene	100-41-4	ug/L	6/13/2012	ND	
MW-51	d	Ethylbenzene	100-41-4	ug/L	6/13/2012	ND	
MW-52	d	Ethylbenzene	100-41-4	ug/L	6/13/2012	ND	
MW-53	d	Ethylbenzene	100-41-4	ug/L	6/13/2012		41.7
MW-54	d	Ethylbenzene	100-41-4	ug/L	6/13/2012	ND	
GU-3A	d	Ethylbenzene	100-41-4	ug/L	9/4/2012	ND	
MW-20	d	Ethylbenzene	100-41-4	ug/L	9/4/2012	ND	
MW-21	d	Ethylbenzene	100-41-4	ug/L	9/4/2012	ND	
MW-22R	d	Ethylbenzene	100-41-4	ug/L	9/4/2012	ND	
MW-50	d	Ethylbenzene	100-41-4	ug/L	9/4/2012	ND	
MW-51	d	Ethylbenzene	100-41-4	ug/L	9/4/2012	ND	
MW-52	d	Ethylbenzene	100-41-4	ug/L	9/4/2012	ND	
MW-53	d	Ethylbenzene	100-41-4	ug/L	9/4/2012		37.1
MW-54	d	Ethylbenzene	100-41-4	ug/L	9/4/2012	ND	
MW-54	d	Ethylbenzene	100-41-4	ug/L	9/4/2012	ND	
MW-57	d	Ethylbenzene	100-41-4	ug/L	9/4/2012	ND	
MW-58	d	Ethylbenzene	100-41-4	ug/L	9/4/2012	ND	
MW-14R	d	Ethylbenzene	100-41-4	ug/L	12/19/2012	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	12/19/2012	ND	
MW-28	d	Ethylbenzene	100-41-4	ug/L	12/19/2012	ND	
MW-29	d	Ethylbenzene	100-41-4	ug/L	12/19/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	Ethylbenzene	100-41-4	ug/L	12/19/2012	ND	
MW-31R	d	Ethylbenzene	100-41-4	ug/L	12/19/2012	ND	
MW-32R	d	Ethylbenzene	100-41-4	ug/L	12/19/2012	ND	
MW-33R	d	Ethylbenzene	100-41-4	ug/L	12/19/2012	ND	
MW-33R	d	Ethylbenzene	100-41-4	ug/L	12/19/2012	ND	
MW-39	d	Ethylbenzene	100-41-4	ug/L	12/19/2012	ND	
MW-55	d	Ethylbenzene	100-41-4	ug/L	12/19/2012	ND	
MW-56	d	Ethylbenzene	100-41-4	ug/L	12/19/2012	ND	
MW-14R	d	Ethylbenzene	100-41-4	ug/L	3/11/2013	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	3/11/2013	ND	
MW-28	d	Ethylbenzene	100-41-4	ug/L	3/11/2013	ND	
MW-39	d	Ethylbenzene	100-41-4	ug/L	3/11/2013	ND	
MW-50	d	Ethylbenzene	100-41-4	ug/L	3/11/2013	ND	
MW-50	d	Ethylbenzene	100-41-4	ug/L	3/11/2013	ND	
MW-51	d	Ethylbenzene	100-41-4	ug/L	3/11/2013	ND	
MW-52	d	Ethylbenzene	100-41-4	ug/L	3/11/2013	ND	
MW-53	d	Ethylbenzene	100-41-4	ug/L	3/11/2013		40.6
MW-54	d	Ethylbenzene	100-41-4	ug/L	3/11/2013	ND	
MW-55	d	Ethylbenzene	100-41-4	ug/L	3/11/2013	ND	
MW-56	d	Ethylbenzene	100-41-4	ug/L	3/11/2013	ND	
MW-20	d	Ethylbenzene	100-41-4	ug/L	6/10/2013	ND	
MW-20	d	Ethylbenzene	100-41-4	ug/L	6/10/2013	ND	
MW-21	d	Ethylbenzene	100-41-4	ug/L	6/10/2013	ND	
MW-22R	d	Ethylbenzene	100-41-4	ug/L	6/10/2013	ND	
MW-29	d	Ethylbenzene	100-41-4	ug/L	6/10/2013	ND	
MW-30R	d	Ethylbenzene	100-41-4	ug/L	6/10/2013	ND	
MW-31R	d	Ethylbenzene	100-41-4	ug/L	6/10/2013	ND	
MW-32R	d	Ethylbenzene	100-41-4	ug/L	6/10/2013	ND	
MW-33R	d	Ethylbenzene	100-41-4	ug/L	6/10/2013	ND	
MW-57	d	Ethylbenzene	100-41-4	ug/L	6/10/2013	ND	
MW-58	d	Ethylbenzene	100-41-4	ug/L	6/10/2013	ND	
GU-3A	d	Ethylbenzene	100-41-4	ug/L	9/10/2013	ND	
MW-31R	d	Ethylbenzene	100-41-4	ug/L	9/10/2013	ND	
MW-31R	d	Ethylbenzene	100-41-4	ug/L	9/10/2013	ND	
MW-32R	d	Ethylbenzene	100-41-4	ug/L	9/10/2013	ND	
MW-33R	d	Ethylbenzene	100-41-4	ug/L	9/10/2013	ND	
MW-50	d	Ethylbenzene	100-41-4	ug/L	9/10/2013	ND	
MW-51	d	Ethylbenzene	100-41-4	ug/L	9/10/2013	ND	
MW-52	d	Ethylbenzene	100-41-4	ug/L	9/10/2013	ND	
MW-53	d	Ethylbenzene	100-41-4	ug/L	9/10/2013		34.6
MW-54	d	Ethylbenzene	100-41-4	ug/L	9/10/2013	ND	
MW-14R	d	Ethylbenzene	100-41-4	ug/L	12/18/2013	ND	
MW-18	d	Ethylbenzene	100-41-4	ug/L	12/18/2013	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	12/18/2013	ND	
MW-20	d	Ethylbenzene	100-41-4	ug/L	12/18/2013	ND	
MW-21	d	Ethylbenzene	100-41-4	ug/L	12/18/2013	ND	
MW-22R	d	Ethylbenzene	100-41-4	ug/L	12/18/2013	ND	
MW-28	d	Ethylbenzene	100-41-4	ug/L	12/18/2013	ND	
MW-30R	d	Ethylbenzene	100-41-4	ug/L	12/18/2013	ND	
MW-39	d	Ethylbenzene	100-41-4	ug/L	12/18/2013	ND	
MW-39	d	Ethylbenzene	100-41-4	ug/L	12/18/2013	ND	
MW-55	d	Ethylbenzene	100-41-4	ug/L	12/18/2013	ND	
MW-18	d	Ethylbenzene	100-41-4	ug/L	3/20/2014	ND	
MW-20	d	Ethylbenzene	100-41-4	ug/L	3/20/2014	ND	
MW-21	d	Ethylbenzene	100-41-4	ug/L	3/20/2014	ND	
MW-21	d	Ethylbenzene	100-41-4	ug/L	3/20/2014	ND	
MW-22R	d	Ethylbenzene	100-41-4	ug/L	3/20/2014	ND	
MW-30R	d	Ethylbenzene	100-41-4	ug/L	3/20/2014	ND	
MW-31R	d	Ethylbenzene	100-41-4	ug/L	3/20/2014	ND	
MW-32R	d	Ethylbenzene	100-41-4	ug/L	3/20/2014	ND	
MW-33R	d	Ethylbenzene	100-41-4	ug/L	3/20/2014	ND	
MW-14R	d	Ethylbenzene	100-41-4	ug/L	6/24/2014	ND	
MW-14R	d	Ethylbenzene	100-41-4	ug/L	6/24/2014	ND	
MW-18	d	Ethylbenzene	100-41-4	ug/L	6/24/2014	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	6/24/2014	ND	
MW-28	d	Ethylbenzene	100-41-4	ug/L	6/24/2014	ND	
MW-39	d	Ethylbenzene	100-41-4	ug/L	6/24/2014	ND	
MW-50	d	Ethylbenzene	100-41-4	ug/L	6/24/2014	ND	
MW-51	d	Ethylbenzene	100-41-4	ug/L	6/24/2014	ND	
MW-52	d	Ethylbenzene	100-41-4	ug/L	6/24/2014	ND	
MW-53	d	Ethylbenzene	100-41-4	ug/L	6/24/2014		46.2
MW-54	d	Ethylbenzene	100-41-4	ug/L	6/24/2014	ND	
MW-55	d	Ethylbenzene	100-41-4	ug/L	6/24/2014	ND	
MW-58	d	Ethylbenzene	100-41-4	ug/L	6/24/2014	ND	
MW-29	d	Ethylbenzene	100-41-4	ug/L	7/24/2014	ND	
MW-56	d	Ethylbenzene	100-41-4	ug/L	7/24/2014	ND	
MW-57	d	Ethylbenzene	100-41-4	ug/L	7/24/2014	ND	
GU-3A	d	Ethylbenzene	100-41-4	ug/L	9/24/2014	ND	
MW-18	d	Ethylbenzene	100-41-4	ug/L	9/24/2014	ND	
MW-29	d	Ethylbenzene	100-41-4	ug/L	9/24/2014	ND	
MW-30R	d	Ethylbenzene	100-41-4	ug/L	9/24/2014	ND	
MW-31R	d	Ethylbenzene	100-41-4	ug/L	9/24/2014	ND	
MW-31R	d	Ethylbenzene	100-41-4	ug/L	9/24/2014	ND	
MW-32R	d	Ethylbenzene	100-41-4	ug/L	9/24/2014	ND	
MW-33R	d	Ethylbenzene	100-41-4	ug/L	9/24/2014	ND	
MW-50	d	Ethylbenzene	100-41-4	ug/L	9/24/2014	ND	
MW-51	d	Ethylbenzene	100-41-4	ug/L	9/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-52	d	Ethylbenzene	100-41-4	ug/L	9/24/2014	ND	
MW-53	d	Ethylbenzene	100-41-4	ug/L	9/24/2014		35.7
MW-54	d	Ethylbenzene	100-41-4	ug/L	9/24/2014	ND	
MW-14R	d	Ethylbenzene	100-41-4	ug/L	12/4/2014	ND	
MW-18	d	Ethylbenzene	100-41-4	ug/L	12/4/2014	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	12/4/2014	ND	
MW-20	d	Ethylbenzene	100-41-4	ug/L	12/4/2014	ND	
MW-21	d	Ethylbenzene	100-41-4	ug/L	12/4/2014	ND	
MW-22R	d	Ethylbenzene	100-41-4	ug/L	12/4/2014	ND	
MW-28	d	Ethylbenzene	100-41-4	ug/L	12/4/2014	ND	
MW-39	d	Ethylbenzene	100-41-4	ug/L	12/4/2014	ND	
MW-56	d	Ethylbenzene	100-41-4	ug/L	12/4/2014	ND	
MW-57	d	Ethylbenzene	100-41-4	ug/L	12/4/2014	ND	
MW-57	d	Ethylbenzene	100-41-4	ug/L	12/4/2014	ND	
MW-58	d	Ethylbenzene	100-41-4	ug/L	12/4/2014	ND	
MW-14R	d	Ethylbenzene	100-41-4	ug/L	3/11/2015	ND	
MW-18	d	Ethylbenzene	100-41-4	ug/L	3/11/2015	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	3/11/2015	ND	
MW-20	d	Ethylbenzene	100-41-4	ug/L	3/11/2015	ND	
MW-21	d	Ethylbenzene	100-41-4	ug/L	3/11/2015	ND	
MW-22R	d	Ethylbenzene	100-41-4	ug/L	3/11/2015	ND	
MW-28	d	Ethylbenzene	100-41-4	ug/L	3/11/2015	ND	
MW-39	d	Ethylbenzene	100-41-4	ug/L	3/11/2015	ND	
MW-55	d	Ethylbenzene	100-41-4	ug/L	3/11/2015	ND	
MW-56	d	Ethylbenzene	100-41-4	ug/L	3/11/2015	ND	
MW-57	d	Ethylbenzene	100-41-4	ug/L	3/11/2015	ND	
MW-58	d	Ethylbenzene	100-41-4	ug/L	3/11/2015	ND	
MW-58	d	Ethylbenzene	100-41-4	ug/L	3/11/2015	ND	
MW-29	d	Ethylbenzene	100-41-4	ug/L	6/29/2015	ND	
MW-30R	d	Ethylbenzene	100-41-4	ug/L	6/29/2015	ND	
MW-31R	d	Ethylbenzene	100-41-4	ug/L	6/29/2015	ND	
MW-31R	d	Ethylbenzene	100-41-4	ug/L	6/29/2015	ND	
MW-32R	d	Ethylbenzene	100-41-4	ug/L	6/29/2015	ND	
MW-33R	d	Ethylbenzene	100-41-4	ug/L	6/29/2015	ND	
MW-50	d	Ethylbenzene	100-41-4	ug/L	6/29/2015	ND	
MW-51	d	Ethylbenzene	100-41-4	ug/L	6/29/2015	ND	
MW-52	d	Ethylbenzene	100-41-4	ug/L	6/29/2015	ND	
MW-53	d	Ethylbenzene	100-41-4	ug/L	6/29/2015		32.4
MW-54	d	Ethylbenzene	100-41-4	ug/L	6/29/2015	ND	
GU-3A	d	Ethylbenzene	100-41-4	ug/L	9/22/2015	J	0.584
MW-14R	d	Ethylbenzene	100-41-4	ug/L	2/15/2016	ND	
MW-14R	d	Ethylbenzene	100-41-4	ug/L	2/15/2016	ND	
MW-18	d	Ethylbenzene	100-41-4	ug/L	2/15/2016	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	2/15/2016	ND	
MW-39	d	Ethylbenzene	100-41-4	ug/L	2/15/2016	ND	
MW-20	d	Ethylbenzene	100-41-4	ug/L	2/16/2016	ND	
MW-21	d	Ethylbenzene	100-41-4	ug/L	2/16/2016	ND	
MW-55	d	Ethylbenzene	100-41-4	ug/L	2/16/2016	ND	
MW-56	d	Ethylbenzene	100-41-4	ug/L	2/16/2016	ND	
MW-57	d	Ethylbenzene	100-41-4	ug/L	2/16/2016	ND	
MW-58	d	Ethylbenzene	100-41-4	ug/L	2/16/2016	ND	
MW-22R	d	Ethylbenzene	100-41-4	ug/L	2/17/2016	ND	
MW-28	d	Ethylbenzene	100-41-4	ug/L	8/25/2016	ND	
MW-29	d	Ethylbenzene	100-41-4	ug/L	8/25/2016	ND	
MW-30R	d	Ethylbenzene	100-41-4	ug/L	8/25/2016	ND	
MW-31R	d	Ethylbenzene	100-41-4	ug/L	8/25/2016	ND	
MW-32R	d	Ethylbenzene	100-41-4	ug/L	8/25/2016	ND	
MW-33R	d	Ethylbenzene	100-41-4	ug/L	8/25/2016	ND	
MW-50	d	Ethylbenzene	100-41-4	ug/L	8/25/2016	ND	
MW-51	d	Ethylbenzene	100-41-4	ug/L	8/25/2016	ND	
MW-52	d	Ethylbenzene	100-41-4	ug/L	8/25/2016	ND	
MW-53	d	Ethylbenzene	100-41-4	ug/L	8/25/2016		14.9
MW-54	d	Ethylbenzene	100-41-4	ug/L	8/25/2016	ND	
GU-3A	d	Ethylbenzene	100-41-4	ug/L	8/26/2016	ND	
MW-18	d	Ethylbenzene	100-41-4	ug/L	1/17/2017	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	1/17/2017	ND	
MW-22R	d	Ethylbenzene	100-41-4	ug/L	1/17/2017	ND	
MW-28	d	Ethylbenzene	100-41-4	ug/L	1/17/2017	ND	
MW-28	d	Ethylbenzene	100-41-4	ug/L	1/17/2017	ND	
MW-39	d	Ethylbenzene	100-41-4	ug/L	1/17/2017	ND	
MW-50	d	Ethylbenzene	100-41-4	ug/L	1/17/2017	ND	
MW-51	d	Ethylbenzene	100-41-4	ug/L	1/17/2017	ND	
MW-53	d	Ethylbenzene	100-41-4	ug/L	1/17/2017		9.71
MW-54	d	Ethylbenzene	100-41-4	ug/L	1/17/2017	ND	
MW-56	d	Ethylbenzene	100-41-4	ug/L	1/17/2017	ND	
GU-3A	d	Ethylbenzene	100-41-4	ug/L	7/10/2017	ND	
MW-14R	d	Ethylbenzene	100-41-4	ug/L	7/10/2017	ND	
MW-20	d	Ethylbenzene	100-41-4	ug/L	7/10/2017	ND	
MW-21	d	Ethylbenzene	100-41-4	ug/L	7/10/2017	ND	
MW-29	d	Ethylbenzene	100-41-4	ug/L	7/10/2017	ND	
MW-30R	d	Ethylbenzene	100-41-4	ug/L	7/10/2017	ND	
MW-31R	d	Ethylbenzene	100-41-4	ug/L	7/10/2017	ND	
MW-32R	d	Ethylbenzene	100-41-4	ug/L	7/10/2017	ND	
MW-32R	d	Ethylbenzene	100-41-4	ug/L	7/10/2017	ND	
MW-33R	d	Ethylbenzene	100-41-4	ug/L	7/10/2017	ND	
MW-57	d	Ethylbenzene	100-41-4	ug/L	7/10/2017	ND	
MW-58	d	Ethylbenzene	100-41-4	ug/L	7/10/2017	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-52	d	Ethylbenzene	100-41-4	ug/L	10/17/2017	ND	
MW-55	d	Ethylbenzene	100-41-4	ug/L	10/17/2017	ND	
GU-3A	d	Ethylbenzene	100-41-4	ug/L	4/3/2018	ND	
GU-3A	d	Ethylbenzene	100-41-4	ug/L	4/3/2018	ND	
MW-14R	d	Ethylbenzene	100-41-4	ug/L	4/3/2018	ND	
MW-20	d	Ethylbenzene	100-41-4	ug/L	4/3/2018	ND	
MW-21	d	Ethylbenzene	100-41-4	ug/L	4/3/2018	ND	
MW-29	d	Ethylbenzene	100-41-4	ug/L	4/3/2018	ND	
MW-30R	d	Ethylbenzene	100-41-4	ug/L	4/3/2018	ND	
MW-31R	d	Ethylbenzene	100-41-4	ug/L	4/3/2018	ND	
MW-32R	d	Ethylbenzene	100-41-4	ug/L	4/3/2018	ND	
MW-33R	d	Ethylbenzene	100-41-4	ug/L	4/3/2018	ND	
MW-33R	d	Ethylbenzene	100-41-4	ug/L	4/3/2018	ND	
MW-57	d	Ethylbenzene	100-41-4	ug/L	4/3/2018	ND	
MW-58	d	Ethylbenzene	100-41-4	ug/L	4/3/2018	ND	
MW-39	d	Ethylbenzene	100-41-4	ug/L	11/1/2018	ND	
MW-50	d	Ethylbenzene	100-41-4	ug/L	11/1/2018	ND	
MW-51	d	Ethylbenzene	100-41-4	ug/L	11/1/2018	ND	
MW-52	d	Ethylbenzene	100-41-4	ug/L	11/1/2018	ND	
MW-53	d	Ethylbenzene	100-41-4	ug/L	11/1/2018		25.8
MW-54	d	Ethylbenzene	100-41-4	ug/L	11/1/2018	ND	
MW-55	d	Ethylbenzene	100-41-4	ug/L	11/1/2018	ND	
MW-18	d	Ethylbenzene	100-41-4	ug/L	11/2/2018	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	11/2/2018	ND	
MW-22R	d	Ethylbenzene	100-41-4	ug/L	11/2/2018	ND	
MW-28	d	Ethylbenzene	100-41-4	ug/L	11/2/2018	ND	
MW-56	d	Ethylbenzene	100-41-4	ug/L	11/2/2018	NDH	
MW-18	d	Ethylbenzene	100-41-4	ug/L	5/16/2019	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	5/16/2019	ND	
MW-23	u	Ethylbenzene	100-41-4	ug/L	5/16/2019	ND	
MW-24R	u	Ethylbenzene	100-41-4	ug/L	5/16/2019	ND	
MW-28	d	Ethylbenzene	100-41-4	ug/L	5/16/2019	ND	
MW-55	d	Ethylbenzene	100-41-4	ug/L	5/16/2019	ND	
MW-50	d	Ethylbenzene	100-41-4	ug/L	5/20/2019	ND	
MW-51	d	Ethylbenzene	100-41-4	ug/L	5/20/2019	ND	
MW-52	d	Ethylbenzene	100-41-4	ug/L	5/20/2019	ND	
MW-54	d	Ethylbenzene	100-41-4	ug/L	5/20/2019	ND	
MW-56	d	Ethylbenzene	100-41-4	ug/L	5/20/2019	ND	
MW-53	d	Ethylbenzene	100-41-4	ug/L	5/21/2019	F1	33.3
MW-14R	d	Ethylbenzene	100-41-4	ug/L	9/11/2019	ND	
MW-29	d	Ethylbenzene	100-41-4	ug/L	9/11/2019	ND	
MW-30R	d	Ethylbenzene	100-41-4	ug/L	9/11/2019	ND	
MW-33R	d	Ethylbenzene	100-41-4	ug/L	9/11/2019	ND	
MW-58	d	Ethylbenzene	100-41-4	ug/L	9/11/2019	ND	
GU-3A	d	Ethylbenzene	100-41-4	ug/L	3/16/2020	ND	
MW-33R	d	Ethylbenzene	100-41-4	ug/L	3/16/2020	ND	
MW-14R	d	Ethylbenzene	100-41-4	ug/L	3/17/2020	ND	
MW-29	d	Ethylbenzene	100-41-4	ug/L	3/17/2020	ND	
MW-30R	d	Ethylbenzene	100-41-4	ug/L	3/17/2020	ND	
MW-58	d	Ethylbenzene	100-41-4	ug/L	3/17/2020	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	7/20/2020	ND	
MW-28	d	Ethylbenzene	100-41-4	ug/L	7/20/2020	ND	
MW-51	d	Ethylbenzene	100-41-4	ug/L	7/20/2020	ND	
MW-55	d	Ethylbenzene	100-41-4	ug/L	7/20/2020	ND	
MW-56	d	Ethylbenzene	100-41-4	ug/L	7/20/2020	ND	
MW-57R	d	Ethylbenzene	100-41-4	ug/L	7/20/2020	ND	
MW-73	d	Ethylbenzene	100-41-4	ug/L	7/20/2020	ND	
MW-18	d	Ethylbenzene	100-41-4	ug/L	7/21/2020	ND	
MW-50	d	Ethylbenzene	100-41-4	ug/L	7/21/2020	ND	
MW-52	d	Ethylbenzene	100-41-4	ug/L	7/21/2020	ND	
MW-53	d	Ethylbenzene	100-41-4	ug/L	7/21/2020		26.3
MW-54	d	Ethylbenzene	100-41-4	ug/L	7/21/2020	ND	
MW-23	u	Ethylbenzene	100-41-4	ug/L	7/22/2020	ND	
MW-24R	u	Ethylbenzene	100-41-4	ug/L	7/22/2020	ND	
MW-55	d	Ethylbenzene	100-41-4	ug/L	11/12/2020	ND	
MW-33R	d	Ethylbenzene	100-41-4	ug/L	8/24/2021		<1.00
MW-14R	d	Ethylbenzene	100-41-4	ug/L	8/24/2021		<1.00
MW-29	d	Ethylbenzene	100-41-4	ug/L	8/25/2021		<1.00
MW-58	d	Ethylbenzene	100-41-4	ug/L	8/25/2021		<1.00
MW-30R	d	Ethylbenzene	100-41-4	ug/L	8/25/2021		<1.00
MW-68	d	Ethylbenzene	100-41-4	ug/L	8/25/2021		<1.00
MW-69	d	Ethylbenzene	100-41-4	ug/L	8/25/2021		<1.00
MW-70	d	Ethylbenzene	100-41-4	ug/L	8/26/2021		<1.00
MW-57R	d	Ethylbenzene	100-41-4	ug/L	8/26/2021		<1.00
PZ-13	d	Ethylbenzene	100-41-4	ug/L	8/27/2021		<1.00
MW-73	d	Ethylbenzene	100-41-4	ug/L	8/27/2021		<1.00
GU-3A	d	Ethylbenzene	100-41-4	ug/L	9/8/2021		<1.00
MW-24R	u	Ethylbenzene	100-41-4	ug/L	12/7/2021		<1.00
MW-28	d	Ethylbenzene	100-41-4	ug/L	12/7/2021		<1.00
MW-57R	d	Ethylbenzene	100-41-4	ug/L	12/7/2021		<1.00
MW-73	d	Ethylbenzene	100-41-4	ug/L	12/7/2021		<1.00
MW-56	d	Ethylbenzene	100-41-4	ug/L	12/7/2021		<1.00
MW-19	d	Ethylbenzene	100-41-4	ug/L	12/7/2021		<1.00
MW-18	d	Ethylbenzene	100-41-4	ug/L	12/7/2021		<1.00
MW-55	d	Ethylbenzene	100-41-4	ug/L	12/7/2021		<1.00
MW-50	d	Ethylbenzene	100-41-4	ug/L	12/7/2021		<1.00
MW-23	u	Ethylbenzene	100-41-4	ug/L	12/8/2021		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	Ethylbenzene	100-41-4	ug/L	12/8/2021		<1.00
MW-51	d	Ethylbenzene	100-41-4	ug/L	12/8/2021		<1.00
MW-52	d	Ethylbenzene	100-41-4	ug/L	12/8/2021		<1.00
MW-53	d	Ethylbenzene	100-41-4	ug/L	12/8/2021		5.69
MW-54	d	Ethylbenzene	100-41-4	ug/L	12/8/2021		<1.00
MW-68	d	Ethylene	74-85-1	mg/L	6/30/2015	ND	
MW-69	d	Ethylene	74-85-1	mg/L	6/30/2015	ND	
PZ-13	d	Ethylene	74-85-1	mg/L	7/1/2015	ND	
MW-68	d	Ethylene	74-85-1	mg/L	9/24/2015	ND	
MW-69	d	Ethylene	74-85-1	mg/L	9/24/2015		0.0015
PZ-13	d	Ethylene	74-85-1	mg/L	9/25/2015	ND	
MW-14R	d	Ethylene	74-85-1	mg/L	2/15/2016	ND	
MW-29	d	Ethylene	74-85-1	mg/L	2/15/2016	J	0.00377
MW-30R	d	Ethylene	74-85-1	mg/L	2/15/2016	J	0.00391
MW-39	d	Famphur	52-85-7	ug/L	3/11/2013	ND	
MW-31R	d	Famphur	52-85-7	ug/L	9/10/2013	ND	
MW-32R	d	Famphur	52-85-7	ug/L	9/10/2013	ND	
MW-18	d	Famphur	52-85-7	ug/L	12/18/2013	ND	
MW-20	d	Famphur	52-85-7	ug/L	12/18/2013	ND	
MW-21	d	Famphur	52-85-7	ug/L	12/18/2013	ND	
MW-22R	d	Famphur	52-85-7	ug/L	12/18/2013	ND	
MW-30R	d	Famphur	52-85-7	ug/L	12/18/2013	ND	
MW-18	d	Famphur	52-85-7	ug/L	6/24/2014	ND	
MW-29	d	Famphur	52-85-7	ug/L	7/24/2014	ND	
MW-57	d	Famphur	52-85-7	ug/L	7/24/2014	ND	
MW-58	d	Famphur	52-85-7	ug/L	7/24/2014	ND	
MW-33R	d	Famphur	52-85-7	ug/L	9/24/2014	ND	
MW-50	d	Famphur	52-85-7	ug/L	9/24/2014	ND	
MW-51	d	Famphur	52-85-7	ug/L	9/24/2014	ND	
MW-52	d	Famphur	52-85-7	ug/L	9/24/2014	ND	
MW-53	d	Famphur	52-85-7	ug/L	9/24/2014	ND	
MW-54	d	Famphur	52-85-7	ug/L	9/24/2014	ND	
MW-14R	d	Famphur	52-85-7	ug/L	12/4/2014	ND	
MW-19	d	Famphur	52-85-7	ug/L	12/4/2014	ND	
MW-28	d	Famphur	52-85-7	ug/L	12/4/2014	ND	
MW-56	d	Famphur	52-85-7	ug/L	12/4/2014	ND	
MW-55	d	Famphur	52-85-7	ug/L	3/11/2015	ND	
MW-20	d	Famphur	52-85-7	ug/L	4/3/2018	ND	
MW-21	d	Famphur	52-85-7	ug/L	4/3/2018	ND	
MW-30R	d	Famphur	52-85-7	ug/L	4/3/2018	ND	
MW-31R	d	Famphur	52-85-7	ug/L	4/3/2018	ND	
MW-32R	d	Famphur	52-85-7	ug/L	4/3/2018	ND	
MW-39	d	Famphur	52-85-7	ug/L	11/1/2018	ND	
MW-22R	d	Famphur	52-85-7	ug/L	11/2/2018	ND	
MW-18	d	Famphur	52-85-7	ug/L	5/16/2019	ND	
MW-19	d	Famphur	52-85-7	ug/L	5/16/2019	ND	
MW-28	d	Famphur	52-85-7	ug/L	5/16/2019	ND	
MW-50	d	Famphur	52-85-7	ug/L	5/20/2019	ND	
MW-51	d	Famphur	52-85-7	ug/L	5/20/2019	ND	
MW-52	d	Famphur	52-85-7	ug/L	5/20/2019	ND	
MW-53	d	Famphur	52-85-7	ug/L	5/20/2019	ND	
MW-54	d	Famphur	52-85-7	ug/L	5/20/2019	ND	
MW-56	d	Famphur	52-85-7	ug/L	5/20/2019	ND	
MW-14R	d	Famphur	52-85-7	ug/L	9/11/2019	ND	
MW-29	d	Famphur	52-85-7	ug/L	9/11/2019	ND	
MW-33R	d	Famphur	52-85-7	ug/L	9/11/2019	ND	
MW-58	d	Famphur	52-85-7	ug/L	9/11/2019	ND	
MW-55	d	Famphur	52-85-7	ug/L	11/12/2020	ND	
MW-39	d	Fluoranthene	206-44-0	ug/L	3/11/2013	ND	
MW-31R	d	Fluoranthene	206-44-0	ug/L	9/10/2013	ND	
MW-32R	d	Fluoranthene	206-44-0	ug/L	9/10/2013	ND	
MW-18	d	Fluoranthene	206-44-0	ug/L	12/18/2013	ND	
MW-20	d	Fluoranthene	206-44-0	ug/L	12/18/2013	ND	
MW-21	d	Fluoranthene	206-44-0	ug/L	12/18/2013	ND	
MW-22R	d	Fluoranthene	206-44-0	ug/L	12/18/2013	ND	
MW-30R	d	Fluoranthene	206-44-0	ug/L	12/18/2013	ND	
MW-18	d	Fluoranthene	206-44-0	ug/L	6/24/2014	ND	
MW-29	d	Fluoranthene	206-44-0	ug/L	7/24/2014	ND	
MW-57	d	Fluoranthene	206-44-0	ug/L	7/24/2014	ND	
MW-58	d	Fluoranthene	206-44-0	ug/L	7/24/2014	ND	
MW-33R	d	Fluoranthene	206-44-0	ug/L	9/24/2014	ND	
MW-50	d	Fluoranthene	206-44-0	ug/L	9/24/2014	ND	
MW-51	d	Fluoranthene	206-44-0	ug/L	9/24/2014	ND	
MW-52	d	Fluoranthene	206-44-0	ug/L	9/24/2014	ND	
MW-53	d	Fluoranthene	206-44-0	ug/L	9/24/2014	ND	
MW-54	d	Fluoranthene	206-44-0	ug/L	9/24/2014	ND	
MW-14R	d	Fluoranthene	206-44-0	ug/L	12/4/2014	ND	
MW-19	d	Fluoranthene	206-44-0	ug/L	12/4/2014	ND	
MW-28	d	Fluoranthene	206-44-0	ug/L	12/4/2014	ND	
MW-56	d	Fluoranthene	206-44-0	ug/L	12/4/2014	ND	
MW-55	d	Fluoranthene	206-44-0	ug/L	3/11/2015	ND	
MW-20	d	Fluoranthene	206-44-0	ug/L	4/3/2018	ND	
MW-21	d	Fluoranthene	206-44-0	ug/L	4/3/2018	ND	
MW-30R	d	Fluoranthene	206-44-0	ug/L	4/3/2018	ND	
MW-31R	d	Fluoranthene	206-44-0	ug/L	4/3/2018	ND	
MW-32R	d	Fluoranthene	206-44-0	ug/L	4/3/2018	ND	
MW-39	d	Fluoranthene	206-44-0	ug/L	11/1/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-22R	d	Fluoranthene	206-44-0	ug/L	11/2/2018	ND	
MW-18	d	Fluoranthene	206-44-0	ug/L	5/16/2019	ND	
MW-19	d	Fluoranthene	206-44-0	ug/L	5/16/2019	ND	
MW-28	d	Fluoranthene	206-44-0	ug/L	5/16/2019	ND	
MW-50	d	Fluoranthene	206-44-0	ug/L	5/20/2019	ND	
MW-51	d	Fluoranthene	206-44-0	ug/L	5/20/2019	ND	
MW-52	d	Fluoranthene	206-44-0	ug/L	5/20/2019	ND	
MW-53	d	Fluoranthene	206-44-0	ug/L	5/20/2019	ND	
MW-54	d	Fluoranthene	206-44-0	ug/L	5/20/2019	ND	
MW-56	d	Fluoranthene	206-44-0	ug/L	5/20/2019	ND	
MW-14R	d	Fluoranthene	206-44-0	ug/L	9/11/2019	ND	
MW-29	d	Fluoranthene	206-44-0	ug/L	9/11/2019	ND	
MW-33R	d	Fluoranthene	206-44-0	ug/L	9/11/2019	ND	
MW-58	d	Fluoranthene	206-44-0	ug/L	9/11/2019	ND	
MW-55	d	Fluoranthene	206-44-0	ug/L	11/12/2020	ND	
MW-39	d	Fluorene	86-73-7	ug/L	3/11/2013	ND	
MW-31R	d	Fluorene	86-73-7	ug/L	9/10/2013	ND	
MW-32R	d	Fluorene	86-73-7	ug/L	9/10/2013	ND	
MW-18	d	Fluorene	86-73-7	ug/L	12/18/2013	ND	
MW-20	d	Fluorene	86-73-7	ug/L	12/18/2013	ND	
MW-21	d	Fluorene	86-73-7	ug/L	12/18/2013	ND	
MW-22R	d	Fluorene	86-73-7	ug/L	12/18/2013	ND	
MW-30R	d	Fluorene	86-73-7	ug/L	12/18/2013	ND	
MW-18	d	Fluorene	86-73-7	ug/L	6/24/2014	ND	
MW-29	d	Fluorene	86-73-7	ug/L	7/24/2014	ND	
MW-57	d	Fluorene	86-73-7	ug/L	7/24/2014	ND	
MW-58	d	Fluorene	86-73-7	ug/L	7/24/2014	ND	
MW-33R	d	Fluorene	86-73-7	ug/L	9/24/2014	ND	
MW-50	d	Fluorene	86-73-7	ug/L	9/24/2014	ND	
MW-51	d	Fluorene	86-73-7	ug/L	9/24/2014	ND	
MW-52	d	Fluorene	86-73-7	ug/L	9/24/2014	ND	
MW-53	d	Fluorene	86-73-7	ug/L	9/24/2014	ND	
MW-54	d	Fluorene	86-73-7	ug/L	9/24/2014	ND	
MW-14R	d	Fluorene	86-73-7	ug/L	12/4/2014	ND	
MW-19	d	Fluorene	86-73-7	ug/L	12/4/2014	ND	
MW-28	d	Fluorene	86-73-7	ug/L	12/4/2014	ND	
MW-56	d	Fluorene	86-73-7	ug/L	12/4/2014	ND	
MW-55	d	Fluorene	86-73-7	ug/L	3/11/2015	ND	
MW-20	d	Fluorene	86-73-7	ug/L	4/3/2018	ND	
MW-21	d	Fluorene	86-73-7	ug/L	4/3/2018	ND	
MW-30R	d	Fluorene	86-73-7	ug/L	4/3/2018	ND	
MW-31R	d	Fluorene	86-73-7	ug/L	4/3/2018	ND	
MW-32R	d	Fluorene	86-73-7	ug/L	4/3/2018	ND	
MW-39	d	Fluorene	86-73-7	ug/L	11/1/2018	ND	
MW-22R	d	Fluorene	86-73-7	ug/L	11/2/2018	ND	
MW-18	d	Fluorene	86-73-7	ug/L	5/16/2019	ND	
MW-19	d	Fluorene	86-73-7	ug/L	5/16/2019	ND	
MW-28	d	Fluorene	86-73-7	ug/L	5/16/2019	ND	
MW-50	d	Fluorene	86-73-7	ug/L	5/20/2019	ND	
MW-51	d	Fluorene	86-73-7	ug/L	5/20/2019	ND	
MW-52	d	Fluorene	86-73-7	ug/L	5/20/2019	ND	
MW-53	d	Fluorene	86-73-7	ug/L	5/20/2019	ND	
MW-54	d	Fluorene	86-73-7	ug/L	5/20/2019	ND	
MW-56	d	Fluorene	86-73-7	ug/L	5/20/2019	ND	
MW-14R	d	Fluorene	86-73-7	ug/L	9/11/2019	ND	
MW-29	d	Fluorene	86-73-7	ug/L	9/11/2019	ND	
MW-33R	d	Fluorene	86-73-7	ug/L	9/11/2019	ND	
MW-58	d	Fluorene	86-73-7	ug/L	9/11/2019	ND	
MW-55	d	Fluorene	86-73-7	ug/L	11/12/2020	ND	
MW-39	d	Gamma-BHC [Lindane]	58-89-9	ug/L	3/11/2013	ND	
MW-31R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/10/2013	ND	
MW-32R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/10/2013	ND	
MW-18	d	Gamma-BHC [Lindane]	58-89-9	ug/L	12/18/2013	ND	
MW-20	d	Gamma-BHC [Lindane]	58-89-9	ug/L	12/18/2013	ND	
MW-21	d	Gamma-BHC [Lindane]	58-89-9	ug/L	12/18/2013	ND	
MW-22R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	12/18/2013	ND	
MW-30R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	12/18/2013	ND	
MW-18	d	Gamma-BHC [Lindane]	58-89-9	ug/L	6/24/2014	ND	
MW-29	d	Gamma-BHC [Lindane]	58-89-9	ug/L	7/24/2014	ND	
MW-57	d	Gamma-BHC [Lindane]	58-89-9	ug/L	7/24/2014	J	0.00227
MW-58	d	Gamma-BHC [Lindane]	58-89-9	ug/L	7/24/2014	ND	
MW-33R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/24/2014	ND	
MW-50	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/24/2014	ND	
MW-51	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/24/2014	ND	
MW-52	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/24/2014	ND	
MW-53	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/24/2014	ND	
MW-54	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/24/2014	J	0.00615
MW-14R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	12/4/2014	ND	
MW-19	d	Gamma-BHC [Lindane]	58-89-9	ug/L	12/4/2014	ND	
MW-28	d	Gamma-BHC [Lindane]	58-89-9	ug/L	12/4/2014	ND	
MW-56	d	Gamma-BHC [Lindane]	58-89-9	ug/L	12/4/2014	ND	
MW-55	d	Gamma-BHC [Lindane]	58-89-9	ug/L	3/11/2015	ND	
MW-20	d	Gamma-BHC [Lindane]	58-89-9	ug/L	4/3/2018	ND	
MW-21	d	Gamma-BHC [Lindane]	58-89-9	ug/L	4/3/2018	ND	
MW-30R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	4/3/2018	ND	
MW-31R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	4/3/2018	ND	
MW-32R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	4/3/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	Gamma-BHC [Lindane]	58-89-9	ug/L	11/1/2018	ND	
MW-22R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	11/2/2018	ND	
MW-18	d	Gamma-BHC [Lindane]	58-89-9	ug/L	5/16/2019	ND	
MW-28	d	Gamma-BHC [Lindane]	58-89-9	ug/L	5/16/2019	ND	
MW-19	d	Gamma-BHC [Lindane]	58-89-9	ug/L	5/20/2019	ND	
MW-50	d	Gamma-BHC [Lindane]	58-89-9	ug/L	5/20/2019	ND	
MW-51	d	Gamma-BHC [Lindane]	58-89-9	ug/L	5/20/2019	JP	0.00224
MW-52	d	Gamma-BHC [Lindane]	58-89-9	ug/L	5/20/2019	ND	
MW-53	d	Gamma-BHC [Lindane]	58-89-9	ug/L	5/20/2019	ND	
MW-54	d	Gamma-BHC [Lindane]	58-89-9	ug/L	5/20/2019	ND	
MW-56	d	Gamma-BHC [Lindane]	58-89-9	ug/L	5/20/2019	ND	
MW-14R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/11/2019	JB	0.00769
MW-29	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/11/2019	JB	0.0102
MW-33R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/11/2019	ND	
MW-58	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/11/2019	JP	0.00778
MW-14R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	3/17/2020	ND	
MW-29	d	Gamma-BHC [Lindane]	58-89-9	ug/L	3/17/2020	J	0.0115
MW-58	d	Gamma-BHC [Lindane]	58-89-9	ug/L	3/17/2020	ND	
MW-55	d	Gamma-BHC [Lindane]	58-89-9	ug/L	11/12/2020	ND	
MW-14R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	8/24/2021		<0.0337
MW-29	d	Gamma-BHC [Lindane]	58-89-9	ug/L	8/25/2021		<0.0337
MW-58	d	Gamma-BHC [Lindane]	58-89-9	ug/L	8/25/2021		<0.0333
MW-39	d	Gamma-Chlordane	5566-34-7	ug/L	3/11/2013	ND	
MW-39	d	Heptachlor	76-44-8	ug/L	3/11/2013	ND	
MW-31R	d	Heptachlor	76-44-8	ug/L	9/10/2013	ND	
MW-32R	d	Heptachlor	76-44-8	ug/L	9/10/2013	ND	
MW-18	d	Heptachlor	76-44-8	ug/L	12/18/2013	ND	
MW-20	d	Heptachlor	76-44-8	ug/L	12/18/2013	ND	
MW-21	d	Heptachlor	76-44-8	ug/L	12/18/2013	ND	
MW-22R	d	Heptachlor	76-44-8	ug/L	12/18/2013	ND	
MW-30R	d	Heptachlor	76-44-8	ug/L	12/18/2013	ND	
MW-18	d	Heptachlor	76-44-8	ug/L	6/24/2014	J	0.00541
MW-29	d	Heptachlor	76-44-8	ug/L	7/24/2014	J	0.00599
MW-57	d	Heptachlor	76-44-8	ug/L	7/24/2014	ND	
MW-58	d	Heptachlor	76-44-8	ug/L	7/24/2014	ND	
MW-33R	d	Heptachlor	76-44-8	ug/L	9/24/2014	ND	
MW-50	d	Heptachlor	76-44-8	ug/L	9/24/2014	ND	
MW-51	d	Heptachlor	76-44-8	ug/L	9/24/2014	ND	
MW-52	d	Heptachlor	76-44-8	ug/L	9/24/2014	ND	
MW-53	d	Heptachlor	76-44-8	ug/L	9/24/2014	ND	
MW-54	d	Heptachlor	76-44-8	ug/L	9/24/2014	ND	
MW-14R	d	Heptachlor	76-44-8	ug/L	12/4/2014	ND	
MW-19	d	Heptachlor	76-44-8	ug/L	12/4/2014	ND	
MW-28	d	Heptachlor	76-44-8	ug/L	12/4/2014	ND	
MW-56	d	Heptachlor	76-44-8	ug/L	12/4/2014	ND	
MW-55	d	Heptachlor	76-44-8	ug/L	3/11/2015	ND	
MW-20	d	Heptachlor	76-44-8	ug/L	4/3/2018	ND	
MW-21	d	Heptachlor	76-44-8	ug/L	4/3/2018	ND	
MW-30R	d	Heptachlor	76-44-8	ug/L	4/3/2018	ND	
MW-31R	d	Heptachlor	76-44-8	ug/L	4/3/2018	ND	
MW-32R	d	Heptachlor	76-44-8	ug/L	4/3/2018	ND	
MW-39	d	Heptachlor	76-44-8	ug/L	11/1/2018	ND	
MW-22R	d	Heptachlor	76-44-8	ug/L	11/2/2018	ND	
MW-18	d	Heptachlor	76-44-8	ug/L	5/16/2019	ND	
MW-28	d	Heptachlor	76-44-8	ug/L	5/16/2019	ND	
MW-19	d	Heptachlor	76-44-8	ug/L	5/20/2019	ND	
MW-50	d	Heptachlor	76-44-8	ug/L	5/20/2019	ND	
MW-51	d	Heptachlor	76-44-8	ug/L	5/20/2019	ND	
MW-52	d	Heptachlor	76-44-8	ug/L	5/20/2019	ND	
MW-53	d	Heptachlor	76-44-8	ug/L	5/20/2019	ND	
MW-54	d	Heptachlor	76-44-8	ug/L	5/20/2019	ND	
MW-56	d	Heptachlor	76-44-8	ug/L	5/20/2019	ND	
MW-14R	d	Heptachlor	76-44-8	ug/L	9/11/2019	ND	
MW-29	d	Heptachlor	76-44-8	ug/L	9/11/2019	JP	0.0147
MW-33R	d	Heptachlor	76-44-8	ug/L	9/11/2019	ND	
MW-58	d	Heptachlor	76-44-8	ug/L	9/11/2019	JP	0.00288
MW-29	d	Heptachlor	76-44-8	ug/L	3/17/2020	ND	
MW-58	d	Heptachlor	76-44-8	ug/L	3/17/2020	ND	
MW-55	d	Heptachlor	76-44-8	ug/L	11/12/2020	ND	
MW-29	d	Heptachlor	76-44-8	ug/L	8/25/2021		<0.0337
MW-58	d	Heptachlor	76-44-8	ug/L	8/25/2021		<0.0333
MW-39	d	Heptachlor Epoxide	1024-57-3	ug/L	3/11/2013	ND	
MW-31R	d	Heptachlor Epoxide	1024-57-3	ug/L	9/10/2013	ND	
MW-32R	d	Heptachlor Epoxide	1024-57-3	ug/L	9/10/2013	ND	
MW-18	d	Heptachlor Epoxide	1024-57-3	ug/L	12/18/2013	ND	
MW-20	d	Heptachlor Epoxide	1024-57-3	ug/L	12/18/2013	ND	
MW-21	d	Heptachlor Epoxide	1024-57-3	ug/L	12/18/2013	ND	
MW-22R	d	Heptachlor Epoxide	1024-57-3	ug/L	12/18/2013	ND	
MW-30R	d	Heptachlor Epoxide	1024-57-3	ug/L	12/18/2013	ND	
MW-18	d	Heptachlor Epoxide	1024-57-3	ug/L	6/24/2014	ND	
MW-29	d	Heptachlor Epoxide	1024-57-3	ug/L	7/24/2014	J	0.016
MW-57	d	Heptachlor Epoxide	1024-57-3	ug/L	7/24/2014	ND	
MW-58	d	Heptachlor Epoxide	1024-57-3	ug/L	7/24/2014	ND	
MW-33R	d	Heptachlor Epoxide	1024-57-3	ug/L	9/24/2014	ND	
MW-50	d	Heptachlor Epoxide	1024-57-3	ug/L	9/24/2014	ND	
MW-51	d	Heptachlor Epoxide	1024-57-3	ug/L	9/24/2014	ND	
MW-52	d	Heptachlor Epoxide	1024-57-3	ug/L	9/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-53	d	Heptachlor Epoxide	1024-57-3	ug/L	9/24/2014	ND	
MW-54	d	Heptachlor Epoxide	1024-57-3	ug/L	9/24/2014	ND	
MW-14R	d	Heptachlor Epoxide	1024-57-3	ug/L	12/4/2014	ND	
MW-19	d	Heptachlor Epoxide	1024-57-3	ug/L	12/4/2014	ND	
MW-28	d	Heptachlor Epoxide	1024-57-3	ug/L	12/4/2014	ND	
MW-56	d	Heptachlor Epoxide	1024-57-3	ug/L	12/4/2014	ND	
MW-55	d	Heptachlor Epoxide	1024-57-3	ug/L	3/11/2015	ND	
MW-20	d	Heptachlor Epoxide	1024-57-3	ug/L	4/3/2018	ND	
MW-21	d	Heptachlor Epoxide	1024-57-3	ug/L	4/3/2018	ND	
MW-30R	d	Heptachlor Epoxide	1024-57-3	ug/L	4/3/2018	ND	
MW-31R	d	Heptachlor Epoxide	1024-57-3	ug/L	4/3/2018	ND	
MW-32R	d	Heptachlor Epoxide	1024-57-3	ug/L	4/3/2018	ND	
MW-39	d	Heptachlor Epoxide	1024-57-3	ug/L	11/1/2018	ND	
MW-22R	d	Heptachlor Epoxide	1024-57-3	ug/L	11/2/2018	ND	
MW-18	d	Heptachlor Epoxide	1024-57-3	ug/L	5/16/2019	ND	
MW-28	d	Heptachlor Epoxide	1024-57-3	ug/L	5/16/2019	ND	
MW-19	d	Heptachlor Epoxide	1024-57-3	ug/L	5/20/2019	ND	
MW-50	d	Heptachlor Epoxide	1024-57-3	ug/L	5/20/2019	ND	
MW-51	d	Heptachlor Epoxide	1024-57-3	ug/L	5/20/2019	ND	
MW-52	d	Heptachlor Epoxide	1024-57-3	ug/L	5/20/2019	ND	
MW-53	d	Heptachlor Epoxide	1024-57-3	ug/L	5/20/2019	ND	
MW-54	d	Heptachlor Epoxide	1024-57-3	ug/L	5/20/2019	ND	
MW-56	d	Heptachlor Epoxide	1024-57-3	ug/L	5/20/2019	ND	
MW-14R	d	Heptachlor Epoxide	1024-57-3	ug/L	9/11/2019	ND	
MW-29	d	Heptachlor Epoxide	1024-57-3	ug/L	9/11/2019	JP	0.0126
MW-33R	d	Heptachlor Epoxide	1024-57-3	ug/L	9/11/2019	ND	
MW-58	d	Heptachlor Epoxide	1024-57-3	ug/L	9/11/2019	ND	
MW-29	d	Heptachlor Epoxide	1024-57-3	ug/L	3/17/2020	J	0.0119
MW-55	d	Heptachlor Epoxide	1024-57-3	ug/L	11/12/2020	ND	
MW-29	d	Heptachlor Epoxide	1024-57-3	ug/L	8/25/2021	J p	0.0272
MW-39	d	Hexachlorobenzene	118-74-1	ug/L	3/11/2013	ND	
MW-31R	d	Hexachlorobenzene	118-74-1	ug/L	9/10/2013	ND	
MW-32R	d	Hexachlorobenzene	118-74-1	ug/L	9/10/2013	ND	
MW-18	d	Hexachlorobenzene	118-74-1	ug/L	12/18/2013	ND	
MW-20	d	Hexachlorobenzene	118-74-1	ug/L	12/18/2013	ND	
MW-21	d	Hexachlorobenzene	118-74-1	ug/L	12/18/2013	ND	
MW-22R	d	Hexachlorobenzene	118-74-1	ug/L	12/18/2013	ND	
MW-30R	d	Hexachlorobenzene	118-74-1	ug/L	12/18/2013	ND	
MW-18	d	Hexachlorobenzene	118-74-1	ug/L	6/24/2014	ND	
MW-29	d	Hexachlorobenzene	118-74-1	ug/L	7/24/2014	ND	
MW-57	d	Hexachlorobenzene	118-74-1	ug/L	7/24/2014	ND	
MW-58	d	Hexachlorobenzene	118-74-1	ug/L	7/24/2014	ND	
MW-33R	d	Hexachlorobenzene	118-74-1	ug/L	9/24/2014	ND	
MW-50	d	Hexachlorobenzene	118-74-1	ug/L	9/24/2014	ND	
MW-51	d	Hexachlorobenzene	118-74-1	ug/L	9/24/2014	ND	
MW-52	d	Hexachlorobenzene	118-74-1	ug/L	9/24/2014	ND	
MW-53	d	Hexachlorobenzene	118-74-1	ug/L	9/24/2014	ND	
MW-54	d	Hexachlorobenzene	118-74-1	ug/L	9/24/2014	ND	
MW-14R	d	Hexachlorobenzene	118-74-1	ug/L	12/4/2014	ND	
MW-19	d	Hexachlorobenzene	118-74-1	ug/L	12/4/2014	ND	
MW-28	d	Hexachlorobenzene	118-74-1	ug/L	12/4/2014	ND	
MW-56	d	Hexachlorobenzene	118-74-1	ug/L	12/4/2014	ND	
MW-55	d	Hexachlorobenzene	118-74-1	ug/L	3/11/2015	ND	
MW-20	d	Hexachlorobenzene	118-74-1	ug/L	4/3/2018	ND	
MW-21	d	Hexachlorobenzene	118-74-1	ug/L	4/3/2018	ND	
MW-30R	d	Hexachlorobenzene	118-74-1	ug/L	4/3/2018	ND	
MW-31R	d	Hexachlorobenzene	118-74-1	ug/L	4/3/2018	ND	
MW-32R	d	Hexachlorobenzene	118-74-1	ug/L	4/3/2018	ND	
MW-39	d	Hexachlorobenzene	118-74-1	ug/L	11/1/2018	ND	
MW-22R	d	Hexachlorobenzene	118-74-1	ug/L	11/2/2018	ND	
MW-18	d	Hexachlorobenzene	118-74-1	ug/L	5/16/2019	ND	
MW-19	d	Hexachlorobenzene	118-74-1	ug/L	5/16/2019	ND	
MW-28	d	Hexachlorobenzene	118-74-1	ug/L	5/16/2019	ND	
MW-50	d	Hexachlorobenzene	118-74-1	ug/L	5/20/2019	ND	
MW-51	d	Hexachlorobenzene	118-74-1	ug/L	5/20/2019	ND	
MW-52	d	Hexachlorobenzene	118-74-1	ug/L	5/20/2019	ND	
MW-53	d	Hexachlorobenzene	118-74-1	ug/L	5/20/2019	ND	
MW-54	d	Hexachlorobenzene	118-74-1	ug/L	5/20/2019	ND	
MW-56	d	Hexachlorobenzene	118-74-1	ug/L	5/20/2019	ND	
MW-14R	d	Hexachlorobenzene	118-74-1	ug/L	9/11/2019	ND	
MW-29	d	Hexachlorobenzene	118-74-1	ug/L	9/11/2019	ND	
MW-33R	d	Hexachlorobenzene	118-74-1	ug/L	9/11/2019	ND	
MW-58	d	Hexachlorobenzene	118-74-1	ug/L	9/11/2019	ND	
MW-55	d	Hexachlorobenzene	118-74-1	ug/L	11/12/2020	ND	
MW-39	d	Hexachlorobutadiene	87-68-3	ug/L	3/11/2013	ND	
MW-31R	d	Hexachlorobutadiene	87-68-3	ug/L	9/10/2013	ND	
MW-32R	d	Hexachlorobutadiene	87-68-3	ug/L	9/10/2013	ND	
MW-18	d	Hexachlorobutadiene	87-68-3	ug/L	12/18/2013	ND	
MW-20	d	Hexachlorobutadiene	87-68-3	ug/L	12/18/2013	ND	
MW-21	d	Hexachlorobutadiene	87-68-3	ug/L	12/18/2013	ND	
MW-22R	d	Hexachlorobutadiene	87-68-3	ug/L	12/18/2013	ND	
MW-30R	d	Hexachlorobutadiene	87-68-3	ug/L	12/18/2013	ND	
MW-18	d	Hexachlorobutadiene	87-68-3	ug/L	6/24/2014	ND	
MW-29	d	Hexachlorobutadiene	87-68-3	ug/L	7/24/2014	ND	
MW-57	d	Hexachlorobutadiene	87-68-3	ug/L	7/24/2014	ND	
MW-58	d	Hexachlorobutadiene	87-68-3	ug/L	7/24/2014	ND	
MW-33R	d	Hexachlorobutadiene	87-68-3	ug/L	9/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	Hexachlorobutadiene	87-68-3	ug/L	9/24/2014	ND	
MW-51	d	Hexachlorobutadiene	87-68-3	ug/L	9/24/2014	ND	
MW-52	d	Hexachlorobutadiene	87-68-3	ug/L	9/24/2014	ND	
MW-53	d	Hexachlorobutadiene	87-68-3	ug/L	9/24/2014	ND	
MW-54	d	Hexachlorobutadiene	87-68-3	ug/L	9/24/2014	ND	
MW-14R	d	Hexachlorobutadiene	87-68-3	ug/L	12/4/2014	ND	
MW-19	d	Hexachlorobutadiene	87-68-3	ug/L	12/4/2014	ND	
MW-28	d	Hexachlorobutadiene	87-68-3	ug/L	12/4/2014	ND	
MW-56	d	Hexachlorobutadiene	87-68-3	ug/L	12/4/2014	ND	
MW-55	d	Hexachlorobutadiene	87-68-3	ug/L	3/11/2015	ND	
MW-20	d	Hexachlorobutadiene	87-68-3	ug/L	4/3/2018	ND	
MW-21	d	Hexachlorobutadiene	87-68-3	ug/L	4/3/2018	ND	
MW-30R	d	Hexachlorobutadiene	87-68-3	ug/L	4/3/2018	ND	
MW-31R	d	Hexachlorobutadiene	87-68-3	ug/L	4/3/2018	ND	
MW-32R	d	Hexachlorobutadiene	87-68-3	ug/L	4/3/2018	ND	
MW-39	d	Hexachlorobutadiene	87-68-3	ug/L	11/1/2018	ND	
MW-22R	d	Hexachlorobutadiene	87-68-3	ug/L	11/2/2018	ND	
MW-18	d	Hexachlorobutadiene	87-68-3	ug/L	5/16/2019	ND	
MW-19	d	Hexachlorobutadiene	87-68-3	ug/L	5/16/2019	ND	
MW-28	d	Hexachlorobutadiene	87-68-3	ug/L	5/16/2019	ND	
MW-50	d	Hexachlorobutadiene	87-68-3	ug/L	5/20/2019	ND	
MW-51	d	Hexachlorobutadiene	87-68-3	ug/L	5/20/2019	ND	
MW-52	d	Hexachlorobutadiene	87-68-3	ug/L	5/20/2019	ND	
MW-53	d	Hexachlorobutadiene	87-68-3	ug/L	5/20/2019	ND	
MW-54	d	Hexachlorobutadiene	87-68-3	ug/L	5/20/2019	ND	
MW-56	d	Hexachlorobutadiene	87-68-3	ug/L	5/20/2019	ND	
MW-14R	d	Hexachlorobutadiene	87-68-3	ug/L	9/11/2019	ND	
MW-29	d	Hexachlorobutadiene	87-68-3	ug/L	9/11/2019	ND	
MW-33R	d	Hexachlorobutadiene	87-68-3	ug/L	9/11/2019	ND	
MW-58	d	Hexachlorobutadiene	87-68-3	ug/L	9/11/2019	ND	
MW-55	d	Hexachlorobutadiene	87-68-3	ug/L	11/12/2020	ND	
MW-39	d	Hexachlorocyclopentadiene	77-47-4	ug/L	3/11/2013	ND	
MW-31R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/10/2013	ND	
MW-32R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/10/2013	ND	
MW-18	d	Hexachlorocyclopentadiene	77-47-4	ug/L	12/18/2013	ND	
MW-20	d	Hexachlorocyclopentadiene	77-47-4	ug/L	12/18/2013	ND	
MW-21	d	Hexachlorocyclopentadiene	77-47-4	ug/L	12/18/2013	ND	
MW-22R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	12/18/2013	ND	
MW-30R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	12/18/2013	ND	
MW-18	d	Hexachlorocyclopentadiene	77-47-4	ug/L	6/24/2014	ND	
MW-29	d	Hexachlorocyclopentadiene	77-47-4	ug/L	7/24/2014	ND	
MW-57	d	Hexachlorocyclopentadiene	77-47-4	ug/L	7/24/2014	ND	
MW-58	d	Hexachlorocyclopentadiene	77-47-4	ug/L	7/24/2014	ND	
MW-33R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/24/2014	ND	
MW-50	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/24/2014	ND	
MW-51	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/24/2014	ND	
MW-52	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/24/2014	ND	
MW-53	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/24/2014	ND	
MW-54	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/24/2014	ND	
MW-14R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	12/4/2014	ND	
MW-19	d	Hexachlorocyclopentadiene	77-47-4	ug/L	12/4/2014	ND	
MW-28	d	Hexachlorocyclopentadiene	77-47-4	ug/L	12/4/2014	ND	
MW-56	d	Hexachlorocyclopentadiene	77-47-4	ug/L	12/4/2014	ND	
MW-55	d	Hexachlorocyclopentadiene	77-47-4	ug/L	3/11/2015	ND	
MW-20	d	Hexachlorocyclopentadiene	77-47-4	ug/L	4/3/2018	ND	
MW-21	d	Hexachlorocyclopentadiene	77-47-4	ug/L	4/3/2018	ND	
MW-30R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	4/3/2018	ND	
MW-31R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	4/3/2018	ND	
MW-32R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	4/3/2018	ND	
MW-39	d	Hexachlorocyclopentadiene	77-47-4	ug/L	11/1/2018	ND	
MW-22R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	11/2/2018	ND	
MW-18	d	Hexachlorocyclopentadiene	77-47-4	ug/L	5/16/2019	ND	
MW-19	d	Hexachlorocyclopentadiene	77-47-4	ug/L	5/16/2019	ND	
MW-28	d	Hexachlorocyclopentadiene	77-47-4	ug/L	5/16/2019	ND	
MW-50	d	Hexachlorocyclopentadiene	77-47-4	ug/L	5/20/2019	ND	
MW-51	d	Hexachlorocyclopentadiene	77-47-4	ug/L	5/20/2019	ND	
MW-52	d	Hexachlorocyclopentadiene	77-47-4	ug/L	5/20/2019	ND	
MW-53	d	Hexachlorocyclopentadiene	77-47-4	ug/L	5/20/2019	ND	
MW-54	d	Hexachlorocyclopentadiene	77-47-4	ug/L	5/20/2019	ND	
MW-56	d	Hexachlorocyclopentadiene	77-47-4	ug/L	5/20/2019	ND	
MW-14R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/11/2019	ND	
MW-29	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/11/2019	ND	
MW-33R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/11/2019	ND	
MW-58	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/11/2019	ND	
MW-55	d	Hexachlorocyclopentadiene	77-47-4	ug/L	11/12/2020	ND	
MW-39	d	Hexachloroethane	67-72-1	ug/L	3/11/2013	ND	
MW-31R	d	Hexachloroethane	67-72-1	ug/L	9/10/2013	ND	
MW-32R	d	Hexachloroethane	67-72-1	ug/L	9/10/2013	ND	
MW-18	d	Hexachloroethane	67-72-1	ug/L	12/18/2013	ND	
MW-20	d	Hexachloroethane	67-72-1	ug/L	12/18/2013	ND	
MW-21	d	Hexachloroethane	67-72-1	ug/L	12/18/2013	ND	
MW-22R	d	Hexachloroethane	67-72-1	ug/L	12/18/2013	ND	
MW-30R	d	Hexachloroethane	67-72-1	ug/L	12/18/2013	ND	
MW-18	d	Hexachloroethane	67-72-1	ug/L	6/24/2014	ND	
MW-29	d	Hexachloroethane	67-72-1	ug/L	7/24/2014	ND	
MW-57	d	Hexachloroethane	67-72-1	ug/L	7/24/2014	ND	
MW-58	d	Hexachloroethane	67-72-1	ug/L	7/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	Hexachloroethane	67-72-1	ug/L	9/24/2014	ND	
MW-50	d	Hexachloroethane	67-72-1	ug/L	9/24/2014	ND	
MW-51	d	Hexachloroethane	67-72-1	ug/L	9/24/2014	ND	
MW-52	d	Hexachloroethane	67-72-1	ug/L	9/24/2014	ND	
MW-53	d	Hexachloroethane	67-72-1	ug/L	9/24/2014	ND	
MW-54	d	Hexachloroethane	67-72-1	ug/L	9/24/2014	ND	
MW-14R	d	Hexachloroethane	67-72-1	ug/L	12/4/2014	ND	
MW-19	d	Hexachloroethane	67-72-1	ug/L	12/4/2014	ND	
MW-28	d	Hexachloroethane	67-72-1	ug/L	12/4/2014	ND	
MW-56	d	Hexachloroethane	67-72-1	ug/L	12/4/2014	ND	
MW-55	d	Hexachloroethane	67-72-1	ug/L	3/11/2015	ND	
MW-20	d	Hexachloroethane	67-72-1	ug/L	4/3/2018	ND	
MW-21	d	Hexachloroethane	67-72-1	ug/L	4/3/2018	ND	
MW-30R	d	Hexachloroethane	67-72-1	ug/L	4/3/2018	ND	
MW-31R	d	Hexachloroethane	67-72-1	ug/L	4/3/2018	ND	
MW-32R	d	Hexachloroethane	67-72-1	ug/L	4/3/2018	ND	
MW-39	d	Hexachloroethane	67-72-1	ug/L	11/1/2018	ND	
MW-22R	d	Hexachloroethane	67-72-1	ug/L	11/2/2018	ND	
MW-18	d	Hexachloroethane	67-72-1	ug/L	5/16/2019	ND	
MW-19	d	Hexachloroethane	67-72-1	ug/L	5/16/2019	ND	
MW-28	d	Hexachloroethane	67-72-1	ug/L	5/16/2019	ND	
MW-50	d	Hexachloroethane	67-72-1	ug/L	5/20/2019	ND	
MW-51	d	Hexachloroethane	67-72-1	ug/L	5/20/2019	ND	
MW-52	d	Hexachloroethane	67-72-1	ug/L	5/20/2019	ND	
MW-53	d	Hexachloroethane	67-72-1	ug/L	5/20/2019	ND	
MW-54	d	Hexachloroethane	67-72-1	ug/L	5/20/2019	ND	
MW-56	d	Hexachloroethane	67-72-1	ug/L	5/20/2019	ND	
MW-14R	d	Hexachloroethane	67-72-1	ug/L	9/11/2019	ND	
MW-29	d	Hexachloroethane	67-72-1	ug/L	9/11/2019	ND	
MW-33R	d	Hexachloroethane	67-72-1	ug/L	9/11/2019	ND	
MW-58	d	Hexachloroethane	67-72-1	ug/L	9/11/2019	ND	
MW-55	d	Hexachloroethane	67-72-1	ug/L	11/12/2020	ND	
MW-39	d	Hexachloropropene	1888-71-7	ug/L	3/11/2013	ND	
MW-31R	d	Hexachloropropene	1888-71-7	ug/L	9/10/2013	ND	
MW-32R	d	Hexachloropropene	1888-71-7	ug/L	9/10/2013	ND	
MW-18	d	Hexachloropropene	1888-71-7	ug/L	12/18/2013	ND	
MW-20	d	Hexachloropropene	1888-71-7	ug/L	12/18/2013	ND	
MW-21	d	Hexachloropropene	1888-71-7	ug/L	12/18/2013	ND	
MW-22R	d	Hexachloropropene	1888-71-7	ug/L	12/18/2013	ND	
MW-30R	d	Hexachloropropene	1888-71-7	ug/L	12/18/2013	ND	
MW-18	d	Hexachloropropene	1888-71-7	ug/L	6/24/2014	ND	
MW-29	d	Hexachloropropene	1888-71-7	ug/L	7/24/2014	ND	
MW-57	d	Hexachloropropene	1888-71-7	ug/L	7/24/2014	ND	
MW-58	d	Hexachloropropene	1888-71-7	ug/L	7/24/2014	ND	
MW-33R	d	Hexachloropropene	1888-71-7	ug/L	9/24/2014	ND	
MW-50	d	Hexachloropropene	1888-71-7	ug/L	9/24/2014	ND	
MW-51	d	Hexachloropropene	1888-71-7	ug/L	9/24/2014	ND	
MW-52	d	Hexachloropropene	1888-71-7	ug/L	9/24/2014	ND	
MW-53	d	Hexachloropropene	1888-71-7	ug/L	9/24/2014	ND	
MW-54	d	Hexachloropropene	1888-71-7	ug/L	9/24/2014	ND	
MW-14R	d	Hexachloropropene	1888-71-7	ug/L	12/4/2014	ND	
MW-19	d	Hexachloropropene	1888-71-7	ug/L	12/4/2014	ND	
MW-28	d	Hexachloropropene	1888-71-7	ug/L	12/4/2014	ND	
MW-56	d	Hexachloropropene	1888-71-7	ug/L	12/4/2014	ND	
MW-55	d	Hexachloropropene	1888-71-7	ug/L	3/11/2015	ND	
MW-20	d	Hexachloropropene	1888-71-7	ug/L	4/3/2018	ND	
MW-21	d	Hexachloropropene	1888-71-7	ug/L	4/3/2018	ND	
MW-30R	d	Hexachloropropene	1888-71-7	ug/L	4/3/2018	ND	
MW-31R	d	Hexachloropropene	1888-71-7	ug/L	4/3/2018	ND	
MW-32R	d	Hexachloropropene	1888-71-7	ug/L	4/3/2018	ND	
MW-39	d	Hexachloropropene	1888-71-7	ug/L	11/1/2018	ND	
MW-22R	d	Hexachloropropene	1888-71-7	ug/L	11/2/2018	ND	
MW-18	d	Hexachloropropene	1888-71-7	ug/L	5/16/2019	ND	
MW-19	d	Hexachloropropene	1888-71-7	ug/L	5/16/2019	ND	
MW-28	d	Hexachloropropene	1888-71-7	ug/L	5/16/2019	ND	
MW-50	d	Hexachloropropene	1888-71-7	ug/L	5/20/2019	ND	
MW-51	d	Hexachloropropene	1888-71-7	ug/L	5/20/2019	ND	
MW-52	d	Hexachloropropene	1888-71-7	ug/L	5/20/2019	ND	
MW-53	d	Hexachloropropene	1888-71-7	ug/L	5/20/2019	ND	
MW-54	d	Hexachloropropene	1888-71-7	ug/L	5/20/2019	ND	
MW-56	d	Hexachloropropene	1888-71-7	ug/L	5/20/2019	ND	
MW-14R	d	Hexachloropropene	1888-71-7	ug/L	9/11/2019	ND	
MW-29	d	Hexachloropropene	1888-71-7	ug/L	9/11/2019	ND	
MW-33R	d	Hexachloropropene	1888-71-7	ug/L	9/11/2019	ND	
MW-58	d	Hexachloropropene	1888-71-7	ug/L	9/11/2019	ND	
MW-55	d	Hexachloropropene	1888-71-7	ug/L	11/12/2020	ND	
MW-39	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	3/11/2013	ND	
MW-31R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/10/2013	ND	
MW-32R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/10/2013	ND	
MW-18	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	12/18/2013	ND	
MW-20	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	12/18/2013	ND	
MW-21	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	12/18/2013	ND	
MW-22R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	12/18/2013	ND	
MW-30R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	12/18/2013	ND	
MW-18	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	6/24/2014	ND	
MW-29	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	7/24/2014	ND	
MW-57	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	7/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	7/24/2014	ND	
MW-33R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/24/2014	ND	
MW-50	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/24/2014	ND	
MW-51	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/24/2014	ND	
MW-52	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/24/2014	ND	
MW-53	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/24/2014	ND	
MW-54	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/24/2014	ND	
MW-14R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	12/4/2014	ND	
MW-19	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	12/4/2014	ND	
MW-28	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	12/4/2014	ND	
MW-56	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	12/4/2014	ND	
MW-55	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	3/11/2015	ND	
MW-20	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	4/3/2018	ND	
MW-21	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	4/3/2018	ND	
MW-30R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	4/3/2018	ND	
MW-31R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	4/3/2018	ND	
MW-32R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	4/3/2018	ND	
MW-39	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	11/1/2018	ND	
MW-22R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	11/2/2018	ND	
MW-18	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	5/16/2019	ND	
MW-19	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	5/16/2019	ND	
MW-28	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	5/16/2019	ND	
MW-50	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	5/20/2019	ND	
MW-51	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	5/20/2019	ND	
MW-52	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	5/20/2019	ND	
MW-53	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	5/20/2019	ND	
MW-54	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	5/20/2019	ND	
MW-56	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	5/20/2019	ND	
MW-14R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/11/2019	ND	
MW-29	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/11/2019	ND	
MW-33R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/11/2019	ND	
MW-58	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/11/2019	ND	
MW-55	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	11/12/2020	ND	
MW-51	d	Iodomethane	74-88-4	ug/L	1/15/2010	ND	
MW-24R	u	Iodomethane	74-88-4	ug/L	2/11/2010	ND	
MW-53	d	Iodomethane	74-88-4	ug/L	2/11/2010	ND	
GU-3A	d	Iodomethane	74-88-4	ug/L	3/24/2010	ND	
MW-20	d	Iodomethane	74-88-4	ug/L	3/24/2010	ND	
MW-21	d	Iodomethane	74-88-4	ug/L	3/24/2010	ND	
MW-22R	d	Iodomethane	74-88-4	ug/L	3/24/2010	ND	
MW-52	d	Iodomethane	74-88-4	ug/L	3/24/2010	ND	
MW-54	d	Iodomethane	74-88-4	ug/L	3/24/2010	ND	
MW-55	d	Iodomethane	74-88-4	ug/L	3/24/2010	ND	
MW-28	d	Iodomethane	74-88-4	ug/L	4/9/2010	ND	
MW-33R	d	Iodomethane	74-88-4	ug/L	4/9/2010	ND	
MW-50	d	Iodomethane	74-88-4	ug/L	4/9/2010	ND	
MW-56	d	Iodomethane	74-88-4	ug/L	4/9/2010	ND	
MW-57	d	Iodomethane	74-88-4	ug/L	4/9/2010	ND	
MW-58	d	Iodomethane	74-88-4	ug/L	4/9/2010	ND	
MW-32R	d	Iodomethane	74-88-4	ug/L	5/18/2010	ND	
MW-14R	d	Iodomethane	74-88-4	ug/L	6/17/2010	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	6/17/2010	ND	
MW-29	d	Iodomethane	74-88-4	ug/L	6/17/2010	ND	
MW-30R	d	Iodomethane	74-88-4	ug/L	6/17/2010	ND	
MW-31R	d	Iodomethane	74-88-4	ug/L	6/17/2010	ND	
MW-51	d	Iodomethane	74-88-4	ug/L	6/17/2010	ND	
MW-21	d	Iodomethane	74-88-4	ug/L	7/21/2010	ND	
MW-54	d	Iodomethane	74-88-4	ug/L	7/21/2010	ND	
MW-20	d	Iodomethane	74-88-4	ug/L	8/17/2010	ND	
MW-29	d	Iodomethane	74-88-4	ug/L	8/17/2010	ND	
MW-39	d	Iodomethane	74-88-4	ug/L	8/17/2010	ND	
MW-51	d	Iodomethane	74-88-4	ug/L	8/17/2010	ND	
GU-3A	d	Iodomethane	74-88-4	ug/L	9/17/2010	ND	
MW-22R	d	Iodomethane	74-88-4	ug/L	9/17/2010	ND	
MW-55	d	Iodomethane	74-88-4	ug/L	9/17/2010	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	10/22/2010	ND	
MW-24R	u	Iodomethane	74-88-4	ug/L	10/22/2010	ND	
MW-30R	d	Iodomethane	74-88-4	ug/L	10/22/2010	ND	
MW-31R	d	Iodomethane	74-88-4	ug/L	10/22/2010	ND	
MW-50	d	Iodomethane	74-88-4	ug/L	10/22/2010	ND	
MW-53	d	Iodomethane	74-88-4	ug/L	10/22/2010	ND	
MW-56	d	Iodomethane	74-88-4	ug/L	10/22/2010	ND	
MW-58	d	Iodomethane	74-88-4	ug/L	10/22/2010	ND	
MW-14R	d	Iodomethane	74-88-4	ug/L	11/8/2010	ND	
MW-32R	d	Iodomethane	74-88-4	ug/L	11/8/2010	ND	
MW-57	d	Iodomethane	74-88-4	ug/L	11/8/2010	ND	
MW-28	d	Iodomethane	74-88-4	ug/L	12/15/2010	ND	
MW-33R	d	Iodomethane	74-88-4	ug/L	12/15/2010	ND	
MW-52	d	Iodomethane	74-88-4	ug/L	12/15/2010	ND	
MW-54	d	Iodomethane	74-88-4	ug/L	1/12/2011	ND	
MW-54	d	Iodomethane	74-88-4	ug/L	1/12/2011	ND	
MW-20	d	Iodomethane	74-88-4	ug/L	2/22/2011	ND	
MW-22R	d	Iodomethane	74-88-4	ug/L	2/22/2011	ND	
MW-51	d	Iodomethane	74-88-4	ug/L	2/22/2011	ND	
MW-52	d	Iodomethane	74-88-4	ug/L	2/22/2011	ND	
MW-53	d	Iodomethane	74-88-4	ug/L	2/22/2011	ND	
MW-55	d	Iodomethane	74-88-4	ug/L	2/22/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
GU-3A	d	Iodomethane	74-88-4	ug/L	3/2/2011	ND	
MW-21	d	Iodomethane	74-88-4	ug/L	3/2/2011	ND	
MW-21	d	Iodomethane	74-88-4	ug/L	3/2/2011	ND	
MW-29	d	Iodomethane	74-88-4	ug/L	4/21/2011	ND	
MW-30R	d	Iodomethane	74-88-4	ug/L	4/21/2011	ND	
MW-31R	d	Iodomethane	74-88-4	ug/L	4/21/2011	ND	
MW-31R	d	Iodomethane	74-88-4	ug/L	4/21/2011	ND	
MW-32R	d	Iodomethane	74-88-4	ug/L	4/21/2011	ND	
MW-54	d	Iodomethane	74-88-4	ug/L	5/31/2011	ND	
MW-56	d	Iodomethane	74-88-4	ug/L	5/31/2011	ND	
MW-57	d	Iodomethane	74-88-4	ug/L	5/31/2011	ND	
MW-58	d	Iodomethane	74-88-4	ug/L	5/31/2011	ND	
MW-14R	d	Iodomethane	74-88-4	ug/L	6/7/2011	ND	
MW-14R	d	Iodomethane	74-88-4	ug/L	6/7/2011	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	6/7/2011	ND	
MW-28	d	Iodomethane	74-88-4	ug/L	6/7/2011	ND	
MW-33R	d	Iodomethane	74-88-4	ug/L	6/7/2011	ND	
MW-39	d	Iodomethane	74-88-4	ug/L	6/7/2011	ND	
MW-50	d	Iodomethane	74-88-4	ug/L	6/7/2011	ND	
MW-52	d	Iodomethane	74-88-4	ug/L	7/22/2011	ND	
MW-56	d	Iodomethane	74-88-4	ug/L	7/22/2011	ND	
MW-58	d	Iodomethane	74-88-4	ug/L	7/22/2011	ND	
MW-14R	d	Iodomethane	74-88-4	ug/L	8/29/2011	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	8/29/2011	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	8/29/2011	ND	
MW-32R	d	Iodomethane	74-88-4	ug/L	8/29/2011	ND	
GU-3A	d	Iodomethane	74-88-4	ug/L	9/9/2011	ND	
MW-22R	d	Iodomethane	74-88-4	ug/L	9/9/2011	ND	
MW-28	d	Iodomethane	74-88-4	ug/L	9/9/2011	ND	
MW-29	d	Iodomethane	74-88-4	ug/L	9/9/2011	ND	
MW-51	d	Iodomethane	74-88-4	ug/L	9/9/2011	ND	
MW-53	d	Iodomethane	74-88-4	ug/L	9/9/2011	ND	
MW-53	d	Iodomethane	74-88-4	ug/L	9/9/2011	ND	
MW-21	d	Iodomethane	74-88-4	ug/L	10/4/2011	ND	
MW-50	d	Iodomethane	74-88-4	ug/L	10/4/2011	ND	
MW-50	d	Iodomethane	74-88-4	ug/L	10/4/2011	ND	
MW-54	d	Iodomethane	74-88-4	ug/L	10/4/2011	ND	
MW-57	d	Iodomethane	74-88-4	ug/L	10/4/2011	ND	
MW-20	d	Iodomethane	74-88-4	ug/L	11/29/2011	ND	
MW-30R	d	Iodomethane	74-88-4	ug/L	11/29/2011	ND	
MW-52	d	Iodomethane	74-88-4	ug/L	11/29/2011	ND	
MW-55	d	Iodomethane	74-88-4	ug/L	11/29/2011	ND	
MW-31R	d	Iodomethane	74-88-4	ug/L	12/16/2011	ND	
MW-33R	d	Iodomethane	74-88-4	ug/L	12/16/2011	ND	
MW-39	d	Iodomethane	74-88-4	ug/L	12/16/2011	ND	
MW-14R	d	Iodomethane	74-88-4	ug/L	3/8/2012	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	3/8/2012	ND	
MW-20	d	Iodomethane	74-88-4	ug/L	3/8/2012	ND	
MW-21	d	Iodomethane	74-88-4	ug/L	3/8/2012	ND	
MW-22R	d	Iodomethane	74-88-4	ug/L	3/8/2012	ND	
MW-28	d	Iodomethane	74-88-4	ug/L	3/8/2012	ND	
MW-39	d	Iodomethane	74-88-4	ug/L	3/8/2012	ND	
MW-55	d	Iodomethane	74-88-4	ug/L	3/8/2012	ND	
MW-56	d	Iodomethane	74-88-4	ug/L	3/8/2012	ND	
MW-57	d	Iodomethane	74-88-4	ug/L	3/8/2012	ND	
MW-58	d	Iodomethane	74-88-4	ug/L	3/8/2012	ND	
GU-3A	d	Iodomethane	74-88-4	ug/L	6/13/2012	ND	
MW-29	d	Iodomethane	74-88-4	ug/L	6/13/2012	ND	
MW-30R	d	Iodomethane	74-88-4	ug/L	6/13/2012	ND	
MW-31R	d	Iodomethane	74-88-4	ug/L	6/13/2012	ND	
MW-32R	d	Iodomethane	74-88-4	ug/L	6/13/2012	ND	
MW-33R	d	Iodomethane	74-88-4	ug/L	6/13/2012	ND	
MW-50	d	Iodomethane	74-88-4	ug/L	6/13/2012	ND	
MW-50	d	Iodomethane	74-88-4	ug/L	6/13/2012	ND	
MW-51	d	Iodomethane	74-88-4	ug/L	6/13/2012	ND	
MW-52	d	Iodomethane	74-88-4	ug/L	6/13/2012	ND	
MW-53	d	Iodomethane	74-88-4	ug/L	6/13/2012	ND	
MW-54	d	Iodomethane	74-88-4	ug/L	6/13/2012	ND	
GU-3A	d	Iodomethane	74-88-4	ug/L	9/4/2012	ND	
MW-20	d	Iodomethane	74-88-4	ug/L	9/4/2012	ND	
MW-21	d	Iodomethane	74-88-4	ug/L	9/4/2012	ND	
MW-22R	d	Iodomethane	74-88-4	ug/L	9/4/2012	ND	
MW-50	d	Iodomethane	74-88-4	ug/L	9/4/2012	ND	
MW-51	d	Iodomethane	74-88-4	ug/L	9/4/2012	ND	
MW-52	d	Iodomethane	74-88-4	ug/L	9/4/2012	ND	
MW-53	d	Iodomethane	74-88-4	ug/L	9/4/2012	ND	
MW-54	d	Iodomethane	74-88-4	ug/L	9/4/2012	ND	
MW-54	d	Iodomethane	74-88-4	ug/L	9/4/2012	ND	
MW-57	d	Iodomethane	74-88-4	ug/L	9/4/2012	ND	
MW-58	d	Iodomethane	74-88-4	ug/L	9/4/2012	ND	
MW-14R	d	Iodomethane	74-88-4	ug/L	12/19/2012	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	12/19/2012	ND	
MW-28	d	Iodomethane	74-88-4	ug/L	12/19/2012	ND	
MW-29	d	Iodomethane	74-88-4	ug/L	12/19/2012	ND	
MW-30R	d	Iodomethane	74-88-4	ug/L	12/19/2012	ND	
MW-31R	d	Iodomethane	74-88-4	ug/L	12/19/2012	ND	
MW-32R	d	Iodomethane	74-88-4	ug/L	12/19/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	Iodomethane	74-88-4	ug/L	12/19/2012	ND	
MW-33R	d	Iodomethane	74-88-4	ug/L	12/19/2012	ND	
MW-39	d	Iodomethane	74-88-4	ug/L	12/19/2012	ND	
MW-55	d	Iodomethane	74-88-4	ug/L	12/19/2012	ND	
MW-56	d	Iodomethane	74-88-4	ug/L	12/19/2012	ND	
MW-14R	d	Iodomethane	74-88-4	ug/L	3/11/2013	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	3/11/2013	ND	
MW-28	d	Iodomethane	74-88-4	ug/L	3/11/2013	ND	
MW-39	d	Iodomethane	74-88-4	ug/L	3/11/2013	ND	
MW-50	d	Iodomethane	74-88-4	ug/L	3/11/2013	ND	
MW-50	d	Iodomethane	74-88-4	ug/L	3/11/2013	ND	
MW-51	d	Iodomethane	74-88-4	ug/L	3/11/2013	ND	
MW-52	d	Iodomethane	74-88-4	ug/L	3/11/2013	ND	
MW-53	d	Iodomethane	74-88-4	ug/L	3/11/2013	ND	
MW-54	d	Iodomethane	74-88-4	ug/L	3/11/2013	ND	
MW-55	d	Iodomethane	74-88-4	ug/L	3/11/2013	ND	
MW-56	d	Iodomethane	74-88-4	ug/L	3/11/2013	ND	
MW-20	d	Iodomethane	74-88-4	ug/L	6/10/2013	ND	
MW-20	d	Iodomethane	74-88-4	ug/L	6/10/2013	ND	
MW-21	d	Iodomethane	74-88-4	ug/L	6/10/2013	ND	
MW-22R	d	Iodomethane	74-88-4	ug/L	6/10/2013	ND	
MW-29	d	Iodomethane	74-88-4	ug/L	6/10/2013	ND	
MW-30R	d	Iodomethane	74-88-4	ug/L	6/10/2013	ND	
MW-31R	d	Iodomethane	74-88-4	ug/L	6/10/2013	ND	
MW-32R	d	Iodomethane	74-88-4	ug/L	6/10/2013	ND	
MW-33R	d	Iodomethane	74-88-4	ug/L	6/10/2013	ND	
MW-57	d	Iodomethane	74-88-4	ug/L	6/10/2013	ND	
MW-58	d	Iodomethane	74-88-4	ug/L	6/10/2013	ND	
GU-3A	d	Iodomethane	74-88-4	ug/L	9/10/2013	ND	
MW-31R	d	Iodomethane	74-88-4	ug/L	9/10/2013	ND	
MW-31R	d	Iodomethane	74-88-4	ug/L	9/10/2013	ND	
MW-32R	d	Iodomethane	74-88-4	ug/L	9/10/2013	ND	
MW-33R	d	Iodomethane	74-88-4	ug/L	9/10/2013	ND	
MW-50	d	Iodomethane	74-88-4	ug/L	9/10/2013	ND	
MW-51	d	Iodomethane	74-88-4	ug/L	9/10/2013	ND	
MW-52	d	Iodomethane	74-88-4	ug/L	9/10/2013	ND	
MW-53	d	Iodomethane	74-88-4	ug/L	9/10/2013	ND	
MW-54	d	Iodomethane	74-88-4	ug/L	9/10/2013	ND	
MW-14R	d	Iodomethane	74-88-4	ug/L	12/18/2013	ND	
MW-18	d	Iodomethane	74-88-4	ug/L	12/18/2013	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	12/18/2013	ND	
MW-20	d	Iodomethane	74-88-4	ug/L	12/18/2013	ND	
MW-21	d	Iodomethane	74-88-4	ug/L	12/18/2013	ND	
MW-22R	d	Iodomethane	74-88-4	ug/L	12/18/2013	ND	
MW-28	d	Iodomethane	74-88-4	ug/L	12/18/2013	ND	
MW-30R	d	Iodomethane	74-88-4	ug/L	12/18/2013	ND	
MW-39	d	Iodomethane	74-88-4	ug/L	12/18/2013	ND	
MW-39	d	Iodomethane	74-88-4	ug/L	12/18/2013	ND	
MW-55	d	Iodomethane	74-88-4	ug/L	12/18/2013	ND	
MW-18	d	Iodomethane	74-88-4	ug/L	3/20/2014	ND	
MW-20	d	Iodomethane	74-88-4	ug/L	3/20/2014	ND	
MW-21	d	Iodomethane	74-88-4	ug/L	3/20/2014	ND	
MW-21	d	Iodomethane	74-88-4	ug/L	3/20/2014	ND	
MW-22R	d	Iodomethane	74-88-4	ug/L	3/20/2014	ND	
MW-30R	d	Iodomethane	74-88-4	ug/L	3/20/2014	ND	
MW-31R	d	Iodomethane	74-88-4	ug/L	3/20/2014	ND	
MW-32R	d	Iodomethane	74-88-4	ug/L	3/20/2014	ND	
MW-33R	d	Iodomethane	74-88-4	ug/L	3/20/2014	ND	
MW-14R	d	Iodomethane	74-88-4	ug/L	6/24/2014	ND	
MW-14R	d	Iodomethane	74-88-4	ug/L	6/24/2014	ND	
MW-18	d	Iodomethane	74-88-4	ug/L	6/24/2014	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	6/24/2014	ND	
MW-28	d	Iodomethane	74-88-4	ug/L	6/24/2014	ND	
MW-39	d	Iodomethane	74-88-4	ug/L	6/24/2014	ND	
MW-50	d	Iodomethane	74-88-4	ug/L	6/24/2014	ND	
MW-51	d	Iodomethane	74-88-4	ug/L	6/24/2014	ND	
MW-52	d	Iodomethane	74-88-4	ug/L	6/24/2014	ND	
MW-53	d	Iodomethane	74-88-4	ug/L	6/24/2014	ND	
MW-54	d	Iodomethane	74-88-4	ug/L	6/24/2014	ND	
MW-55	d	Iodomethane	74-88-4	ug/L	6/24/2014	ND	
MW-58	d	Iodomethane	74-88-4	ug/L	6/24/2014	ND	
MW-29	d	Iodomethane	74-88-4	ug/L	7/24/2014	ND	
MW-56	d	Iodomethane	74-88-4	ug/L	7/24/2014	ND	
MW-57	d	Iodomethane	74-88-4	ug/L	7/24/2014	ND	
GU-3A	d	Iodomethane	74-88-4	ug/L	9/24/2014	ND	
MW-18	d	Iodomethane	74-88-4	ug/L	9/24/2014	ND	
MW-29	d	Iodomethane	74-88-4	ug/L	9/24/2014	ND	
MW-30R	d	Iodomethane	74-88-4	ug/L	9/24/2014	ND	
MW-31R	d	Iodomethane	74-88-4	ug/L	9/24/2014	ND	
MW-31R	d	Iodomethane	74-88-4	ug/L	9/24/2014	ND	
MW-32R	d	Iodomethane	74-88-4	ug/L	9/24/2014	ND	
MW-33R	d	Iodomethane	74-88-4	ug/L	9/24/2014	ND	
MW-50	d	Iodomethane	74-88-4	ug/L	9/24/2014	ND	
MW-51	d	Iodomethane	74-88-4	ug/L	9/24/2014	ND	
MW-52	d	Iodomethane	74-88-4	ug/L	9/24/2014	ND	
MW-53	d	Iodomethane	74-88-4	ug/L	9/24/2014	ND	
MW-54	d	Iodomethane	74-88-4	ug/L	9/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	Iodomethane	74-88-4	ug/L	12/4/2014	ND	
MW-18	d	Iodomethane	74-88-4	ug/L	12/4/2014	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	12/4/2014	ND	
MW-20	d	Iodomethane	74-88-4	ug/L	12/4/2014	ND	
MW-21	d	Iodomethane	74-88-4	ug/L	12/4/2014	ND	
MW-22R	d	Iodomethane	74-88-4	ug/L	12/4/2014	ND	
MW-28	d	Iodomethane	74-88-4	ug/L	12/4/2014	ND	
MW-39	d	Iodomethane	74-88-4	ug/L	12/4/2014	ND	
MW-56	d	Iodomethane	74-88-4	ug/L	12/4/2014	ND	
MW-57	d	Iodomethane	74-88-4	ug/L	12/4/2014	ND	
MW-57	d	Iodomethane	74-88-4	ug/L	12/4/2014	ND	
MW-58	d	Iodomethane	74-88-4	ug/L	12/4/2014	ND	
MW-14R	d	Iodomethane	74-88-4	ug/L	3/11/2015	ND	
MW-18	d	Iodomethane	74-88-4	ug/L	3/11/2015	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	3/11/2015	ND	
MW-20	d	Iodomethane	74-88-4	ug/L	3/11/2015	ND	
MW-21	d	Iodomethane	74-88-4	ug/L	3/11/2015	ND	
MW-22R	d	Iodomethane	74-88-4	ug/L	3/11/2015	ND	
MW-28	d	Iodomethane	74-88-4	ug/L	3/11/2015	ND	
MW-39	d	Iodomethane	74-88-4	ug/L	3/11/2015	ND	
MW-55	d	Iodomethane	74-88-4	ug/L	3/11/2015	ND	
MW-56	d	Iodomethane	74-88-4	ug/L	3/11/2015	ND	
MW-57	d	Iodomethane	74-88-4	ug/L	3/11/2015	ND	
MW-58	d	Iodomethane	74-88-4	ug/L	3/11/2015	ND	
MW-58	d	Iodomethane	74-88-4	ug/L	3/11/2015	ND	
MW-29	d	Iodomethane	74-88-4	ug/L	6/29/2015	ND	
MW-30R	d	Iodomethane	74-88-4	ug/L	6/29/2015	ND	
MW-31R	d	Iodomethane	74-88-4	ug/L	6/29/2015	ND	
MW-31R	d	Iodomethane	74-88-4	ug/L	6/29/2015	ND	
MW-32R	d	Iodomethane	74-88-4	ug/L	6/29/2015	ND	
MW-33R	d	Iodomethane	74-88-4	ug/L	6/29/2015	ND	
MW-50	d	Iodomethane	74-88-4	ug/L	6/29/2015	ND	
MW-51	d	Iodomethane	74-88-4	ug/L	6/29/2015	ND	
MW-52	d	Iodomethane	74-88-4	ug/L	6/29/2015	ND	
MW-53	d	Iodomethane	74-88-4	ug/L	6/29/2015	ND	
MW-54	d	Iodomethane	74-88-4	ug/L	6/29/2015	ND	
GU-3A	d	Iodomethane	74-88-4	ug/L	9/22/2015	ND	
MW-14R	d	Iodomethane	74-88-4	ug/L	2/15/2016	J	5.9
MW-14R	d	Iodomethane	74-88-4	ug/L	2/15/2016	J	5.85
MW-18	d	Iodomethane	74-88-4	ug/L	2/15/2016	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	2/15/2016	ND	
MW-39	d	Iodomethane	74-88-4	ug/L	2/15/2016	ND	
MW-20	d	Iodomethane	74-88-4	ug/L	2/16/2016	ND	
MW-21	d	Iodomethane	74-88-4	ug/L	2/16/2016	ND	
MW-55	d	Iodomethane	74-88-4	ug/L	2/16/2016	ND	
MW-56	d	Iodomethane	74-88-4	ug/L	2/16/2016	ND	
MW-57	d	Iodomethane	74-88-4	ug/L	2/16/2016	ND	
MW-58	d	Iodomethane	74-88-4	ug/L	2/16/2016	ND	
MW-22R	d	Iodomethane	74-88-4	ug/L	2/17/2016	ND	
MW-28	d	Iodomethane	74-88-4	ug/L	8/25/2016	ND	
MW-29	d	Iodomethane	74-88-4	ug/L	8/25/2016	ND	
MW-30R	d	Iodomethane	74-88-4	ug/L	8/25/2016	ND	
MW-31R	d	Iodomethane	74-88-4	ug/L	8/25/2016	ND	
MW-32R	d	Iodomethane	74-88-4	ug/L	8/25/2016	ND	
MW-33R	d	Iodomethane	74-88-4	ug/L	8/25/2016	ND	
MW-50	d	Iodomethane	74-88-4	ug/L	8/25/2016	ND	
MW-51	d	Iodomethane	74-88-4	ug/L	8/25/2016	ND	
MW-52	d	Iodomethane	74-88-4	ug/L	8/25/2016	ND	
MW-53	d	Iodomethane	74-88-4	ug/L	8/25/2016	ND	
MW-54	d	Iodomethane	74-88-4	ug/L	8/25/2016	ND	
GU-3A	d	Iodomethane	74-88-4	ug/L	8/26/2016	ND	
MW-18	d	Iodomethane	74-88-4	ug/L	1/17/2017	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	1/17/2017	ND	
MW-22R	d	Iodomethane	74-88-4	ug/L	1/17/2017	ND	
MW-28	d	Iodomethane	74-88-4	ug/L	1/17/2017	ND	
MW-28	d	Iodomethane	74-88-4	ug/L	1/17/2017	ND	
MW-39	d	Iodomethane	74-88-4	ug/L	1/17/2017	ND	
MW-50	d	Iodomethane	74-88-4	ug/L	1/17/2017	ND	
MW-51	d	Iodomethane	74-88-4	ug/L	1/17/2017	ND	
MW-53	d	Iodomethane	74-88-4	ug/L	1/17/2017	ND	
MW-54	d	Iodomethane	74-88-4	ug/L	1/17/2017	ND	
MW-56	d	Iodomethane	74-88-4	ug/L	1/17/2017	ND	
GU-3A	d	Iodomethane	74-88-4	ug/L	7/10/2017	ND	
MW-14R	d	Iodomethane	74-88-4	ug/L	7/10/2017	ND	
MW-20	d	Iodomethane	74-88-4	ug/L	7/10/2017	ND	
MW-21	d	Iodomethane	74-88-4	ug/L	7/10/2017	ND	
MW-29	d	Iodomethane	74-88-4	ug/L	7/10/2017	ND	
MW-30R	d	Iodomethane	74-88-4	ug/L	7/10/2017	ND	
MW-31R	d	Iodomethane	74-88-4	ug/L	7/10/2017	ND	
MW-32R	d	Iodomethane	74-88-4	ug/L	7/10/2017	ND	
MW-32R	d	Iodomethane	74-88-4	ug/L	7/10/2017	ND	
MW-33R	d	Iodomethane	74-88-4	ug/L	7/10/2017	ND	
MW-57	d	Iodomethane	74-88-4	ug/L	7/10/2017	ND	
MW-58	d	Iodomethane	74-88-4	ug/L	7/10/2017	ND	
MW-52	d	Iodomethane	74-88-4	ug/L	10/17/2017	ND	
MW-55	d	Iodomethane	74-88-4	ug/L	10/17/2017	ND	
GU-3A	d	Iodomethane	74-88-4	ug/L	4/3/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
GU-3A	d	Iodomethane	74-88-4	ug/L	4/3/2018	ND	
MW-14R	d	Iodomethane	74-88-4	ug/L	4/3/2018	ND	
MW-20	d	Iodomethane	74-88-4	ug/L	4/3/2018	ND	
MW-21	d	Iodomethane	74-88-4	ug/L	4/3/2018	ND	
MW-29	d	Iodomethane	74-88-4	ug/L	4/3/2018	ND	
MW-30R	d	Iodomethane	74-88-4	ug/L	4/3/2018	ND	
MW-31R	d	Iodomethane	74-88-4	ug/L	4/3/2018	ND	
MW-32R	d	Iodomethane	74-88-4	ug/L	4/3/2018	ND	
MW-33R	d	Iodomethane	74-88-4	ug/L	4/3/2018	ND	
MW-33R	d	Iodomethane	74-88-4	ug/L	4/3/2018	ND	
MW-57	d	Iodomethane	74-88-4	ug/L	4/3/2018	ND	
MW-58	d	Iodomethane	74-88-4	ug/L	4/3/2018	ND	
MW-39	d	Iodomethane	74-88-4	ug/L	11/1/2018	ND	
MW-50	d	Iodomethane	74-88-4	ug/L	11/1/2018	ND	
MW-51	d	Iodomethane	74-88-4	ug/L	11/1/2018	ND	
MW-52	d	Iodomethane	74-88-4	ug/L	11/1/2018	ND	
MW-53	d	Iodomethane	74-88-4	ug/L	11/1/2018	ND	
MW-54	d	Iodomethane	74-88-4	ug/L	11/1/2018	ND	
MW-55	d	Iodomethane	74-88-4	ug/L	11/1/2018	ND	
MW-18	d	Iodomethane	74-88-4	ug/L	11/2/2018	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	11/2/2018	ND	
MW-22R	d	Iodomethane	74-88-4	ug/L	11/2/2018	ND	
MW-28	d	Iodomethane	74-88-4	ug/L	11/2/2018	ND	
MW-56	d	Iodomethane	74-88-4	ug/L	11/2/2018	NDH	
MW-18	d	Iodomethane	74-88-4	ug/L	5/16/2019	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	5/16/2019	ND	
MW-23	u	Iodomethane	74-88-4	ug/L	5/16/2019	ND	
MW-24R	u	Iodomethane	74-88-4	ug/L	5/16/2019	ND	
MW-28	d	Iodomethane	74-88-4	ug/L	5/16/2019	ND	
MW-55	d	Iodomethane	74-88-4	ug/L	5/16/2019	ND	
MW-50	d	Iodomethane	74-88-4	ug/L	5/20/2019	ND	
MW-51	d	Iodomethane	74-88-4	ug/L	5/20/2019	ND	
MW-52	d	Iodomethane	74-88-4	ug/L	5/20/2019	ND	
MW-54	d	Iodomethane	74-88-4	ug/L	5/20/2019	ND	
MW-56	d	Iodomethane	74-88-4	ug/L	5/20/2019	ND	
MW-53	d	Iodomethane	74-88-4	ug/L	5/21/2019	ND	
MW-14R	d	Iodomethane	74-88-4	ug/L	9/11/2019	ND	
MW-29	d	Iodomethane	74-88-4	ug/L	9/11/2019	ND	
MW-30R	d	Iodomethane	74-88-4	ug/L	9/11/2019	ND	
MW-33R	d	Iodomethane	74-88-4	ug/L	9/11/2019	ND	
MW-58	d	Iodomethane	74-88-4	ug/L	9/11/2019	ND	
GU-3A	d	Iodomethane	74-88-4	ug/L	3/16/2020	ND	
MW-33R	d	Iodomethane	74-88-4	ug/L	3/16/2020	ND	
MW-14R	d	Iodomethane	74-88-4	ug/L	3/17/2020	ND	
MW-29	d	Iodomethane	74-88-4	ug/L	3/17/2020	ND	
MW-30R	d	Iodomethane	74-88-4	ug/L	3/17/2020	ND	
MW-58	d	Iodomethane	74-88-4	ug/L	3/17/2020	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	7/20/2020	ND	
MW-28	d	Iodomethane	74-88-4	ug/L	7/20/2020	ND	
MW-51	d	Iodomethane	74-88-4	ug/L	7/20/2020	ND	
MW-55	d	Iodomethane	74-88-4	ug/L	7/20/2020	ND	
MW-56	d	Iodomethane	74-88-4	ug/L	7/20/2020	ND	
MW-57R	d	Iodomethane	74-88-4	ug/L	7/20/2020	ND	
MW-73	d	Iodomethane	74-88-4	ug/L	7/20/2020	ND	
MW-18	d	Iodomethane	74-88-4	ug/L	7/21/2020	ND	
MW-50	d	Iodomethane	74-88-4	ug/L	7/21/2020	ND	
MW-52	d	Iodomethane	74-88-4	ug/L	7/21/2020	ND	
MW-53	d	Iodomethane	74-88-4	ug/L	7/21/2020	ND	
MW-54	d	Iodomethane	74-88-4	ug/L	7/21/2020	ND	
MW-23	u	Iodomethane	74-88-4	ug/L	7/22/2020	ND	
MW-24R	u	Iodomethane	74-88-4	ug/L	7/22/2020	ND	
MW-55	d	Iodomethane	74-88-4	ug/L	11/12/2020	ND	
MW-33R	d	Iodomethane	74-88-4	ug/L	8/24/2021		<10.0
MW-14R	d	Iodomethane	74-88-4	ug/L	8/24/2021		<10.0
MW-29	d	Iodomethane	74-88-4	ug/L	8/25/2021		<10.0
MW-58	d	Iodomethane	74-88-4	ug/L	8/25/2021		<10.0
MW-30R	d	Iodomethane	74-88-4	ug/L	8/25/2021		<10.0
MW-68	d	Iodomethane	74-88-4	ug/L	8/25/2021		<10.0
MW-69	d	Iodomethane	74-88-4	ug/L	8/25/2021		<10.0
MW-70	d	Iodomethane	74-88-4	ug/L	8/26/2021		<10.0
MW-57R	d	Iodomethane	74-88-4	ug/L	8/26/2021		<10.0
PZ-13	d	Iodomethane	74-88-4	ug/L	8/27/2021	*+	<10.0
MW-73	d	Iodomethane	74-88-4	ug/L	8/27/2021		<10.0
GU-3A	d	Iodomethane	74-88-4	ug/L	9/8/2021		<10.0
MW-24R	u	Iodomethane	74-88-4	ug/L	12/7/2021		<10.0
MW-28	d	Iodomethane	74-88-4	ug/L	12/7/2021		<10.0
MW-57R	d	Iodomethane	74-88-4	ug/L	12/7/2021		<10.0
MW-73	d	Iodomethane	74-88-4	ug/L	12/7/2021		<10.0
MW-56	d	Iodomethane	74-88-4	ug/L	12/7/2021		<10.0
MW-19	d	Iodomethane	74-88-4	ug/L	12/7/2021		<10.0
MW-18	d	Iodomethane	74-88-4	ug/L	12/7/2021		<10.0
MW-55	d	Iodomethane	74-88-4	ug/L	12/7/2021		<10.0
MW-50	d	Iodomethane	74-88-4	ug/L	12/7/2021		<10.0
MW-23	u	Iodomethane	74-88-4	ug/L	12/8/2021		<10.0
MW-39	d	Iodomethane	74-88-4	ug/L	12/8/2021		<10.0
MW-51	d	Iodomethane	74-88-4	ug/L	12/8/2021		<10.0
MW-52	d	Iodomethane	74-88-4	ug/L	12/8/2021		<10.0

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-53	d	Iodomethane	74-88-4	ug/L	12/8/2021		<10.0
MW-54	d	Iodomethane	74-88-4	ug/L	12/8/2021		<10.0
MW-68	d	Iron	7439-89-6	mg/L	6/30/2015		0.183
MW-69	d	Iron	7439-89-6	mg/L	6/30/2015		2.25
MW-70	d	Iron	7439-89-6	mg/L	6/30/2015		0.229
MW-72	d	Iron	7439-89-6	mg/L	6/30/2015		54.3
PZ-13	d	Iron	7439-89-6	mg/L	7/1/2015	ND	
MW-68	d	Iron	7439-89-6	mg/L	9/24/2015		3.5
MW-69	d	Iron	7439-89-6	mg/L	9/24/2015		0.715
MW-70	d	Iron	7439-89-6	mg/L	9/25/2015		0.211
MW-72	d	Iron	7439-89-6	mg/L	9/25/2015		35.1
PZ-13	d	Iron	7439-89-6	mg/L	9/25/2015	ND	
MW-14R	d	Iron	7439-89-6	mg/L	2/15/2016		2.51
MW-29	d	Iron	7439-89-6	mg/L	2/15/2016		23.8
MW-30R	d	Iron	7439-89-6	mg/L	2/15/2016		30.7
MW-31R	d	Iron	7439-89-6	mg/L	2/15/2016		16.7
MW-32R	d	Iron	7439-89-6	mg/L	2/15/2016		16.1
MW-33R	d	Iron	7439-89-6	mg/L	2/15/2016		11
MW-20	d	Iron	7439-89-6	mg/L	2/16/2016		13.6
MW-21	d	Iron	7439-89-6	mg/L	2/16/2016		19
MW-26	d	Iron	7439-89-6	mg/L	2/16/2016	ND	
MW-34	d	Iron	7439-89-6	mg/L	2/16/2016		39.4
MW-35R	d	Iron	7439-89-6	mg/L	2/16/2016		2.57
MW-57	d	Iron	7439-89-6	mg/L	2/16/2016		29.4
MW-58	d	Iron	7439-89-6	mg/L	2/16/2016		46.5
MW-68	d	Iron	7439-89-6	mg/L	2/16/2016		2.33
MW-69	d	Iron	7439-89-6	mg/L	2/16/2016		1.76
MW-71	d	Iron	7439-89-6	mg/L	2/16/2016		82.2
PZ-13	d	Iron	7439-89-6	mg/L	2/16/2016	ND	
MW-23	u	Iron	7439-89-6	mg/L	2/17/2016		0.2
MW-24R	u	Iron	7439-89-6	mg/L	2/17/2016	J	0.084
MW-43	d	Iron	7439-89-6	mg/L	2/17/2016		1.15
MW-53	d	Iron	7439-89-6	mg/L	2/17/2016		13.7
MW-54	d	Iron	7439-89-6	mg/L	2/17/2016		35.5
MW-63	d	Iron	7439-89-6	mg/L	2/17/2016	ND	
MW-64	d	Iron	7439-89-6	mg/L	2/17/2016	ND	
MW-65	d	Iron	7439-89-6	mg/L	2/17/2016	J	0.0716
MW-70	d	Iron	7439-89-6	mg/L	2/17/2016	ND	
MW-72	d	Iron	7439-89-6	mg/L	2/17/2016		52.7
PZ-11	d	Iron	7439-89-6	mg/L	2/17/2016		58.3
MW-52	d	Iron	7439-89-6	mg/L	5/4/2016		25.2
SW-101	d	Iron, Dissolved	7439-89-6	mg/L	4/3/2018	ND	
SW-102	d	Iron, Dissolved	7439-89-6	mg/L	4/3/2018	ND	
SW-103	d	Iron, Dissolved	7439-89-6	mg/L	4/3/2018	ND	
SW-104	d	Iron, Dissolved	7439-89-6	mg/L	4/3/2018	ND	
SW-105	d	Iron, Dissolved	7439-89-6	mg/L	4/3/2018	ND	
SW-106	d	Iron, Dissolved	7439-89-6	mg/L	4/3/2018	ND	
SW-107	d	Iron, Dissolved	7439-89-6	mg/L	4/3/2018	ND	
SW-101	d	Iron, Dissolved	7439-89-6	mg/L	9/25/2019	ND	
SW-102	d	Iron, Dissolved	7439-89-6	mg/L	9/25/2019	ND	
SW-103	d	Iron, Dissolved	7439-89-6	mg/L	9/25/2019	ND	
SW-104	d	Iron, Dissolved	7439-89-6	mg/L	9/25/2019	ND	
SW-105	d	Iron, Dissolved	7439-89-6	mg/L	9/25/2019	ND	
SW-106	d	Iron, Dissolved	7439-89-6	mg/L	9/25/2019	ND	
SW-107	d	Iron, Dissolved	7439-89-6	mg/L	9/25/2019	ND	
SW-101	d	Iron, Dissolved	7439-89-6	mg/L	3/10/2020	ND	
SW-102	d	Iron, Dissolved	7439-89-6	mg/L	3/10/2020	ND	
SW-103	d	Iron, Dissolved	7439-89-6	mg/L	3/10/2020	ND	
SW-104	d	Iron, Dissolved	7439-89-6	mg/L	3/10/2020	ND	
SW-105	d	Iron, Dissolved	7439-89-6	mg/L	3/10/2020	ND	
SW-106	d	Iron, Dissolved	7439-89-6	mg/L	3/10/2020	ND	
SW-107	d	Iron, Dissolved	7439-89-6	mg/L	3/10/2020	ND	
SW-101	d	Iron, Dissolved	D7439-89-6	mg/L	9/8/2021		<0.500
SW-102	d	Iron, Dissolved	D7439-89-6	mg/L	9/8/2021		<0.500
SW-103	d	Iron, Dissolved	D7439-89-6	mg/L	9/8/2021		<0.500
SW-106	d	Iron, Dissolved	D7439-89-6	mg/L	9/8/2021		<0.500
SW-107	d	Iron, Dissolved	D7439-89-6	mg/L	9/8/2021		<0.500
MW-39	d	Isobutanol	78-83-1	mg/L	3/11/2013	ND	
MW-31R	d	Isobutanol	78-83-1	mg/L	9/10/2013	ND	
MW-32R	d	Isobutanol	78-83-1	mg/L	9/10/2013	ND	
MW-18	d	Isobutanol	78-83-1	mg/L	12/18/2013	ND	
MW-20	d	Isobutanol	78-83-1	mg/L	12/18/2013	ND	
MW-21	d	Isobutanol	78-83-1	mg/L	12/18/2013	ND	
MW-22R	d	Isobutanol	78-83-1	mg/L	12/18/2013	ND	
MW-30R	d	Isobutanol	78-83-1	mg/L	12/18/2013	ND	
MW-18	d	Isobutanol	78-83-1	mg/L	6/24/2014	ND	
MW-29	d	Isobutanol	78-83-1	mg/L	7/24/2014	ND	
MW-57	d	Isobutanol	78-83-1	mg/L	7/24/2014	ND	
MW-58	d	Isobutanol	78-83-1	mg/L	7/24/2014	ND	
MW-33R	d	Isobutanol	78-83-1	mg/L	9/24/2014	ND	
MW-50	d	Isobutanol	78-83-1	mg/L	9/24/2014	ND	
MW-51	d	Isobutanol	78-83-1	mg/L	9/24/2014	ND	
MW-52	d	Isobutanol	78-83-1	mg/L	9/24/2014	ND	
MW-53	d	Isobutanol	78-83-1	mg/L	9/24/2014	ND	
MW-54	d	Isobutanol	78-83-1	mg/L	9/24/2014	ND	
MW-14R	d	Isobutanol	78-83-1	mg/L	12/4/2014	ND	
MW-19	d	Isobutanol	78-83-1	mg/L	12/4/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-28	d	Isobutanol	78-83-1	mg/L	12/4/2014	ND	
MW-56	d	Isobutanol	78-83-1	mg/L	12/4/2014	ND	
MW-55	d	Isobutanol	78-83-1	mg/L	3/11/2015	ND	
MW-20	d	Isobutanol	78-83-1	mg/L	4/3/2018	ND	
MW-21	d	Isobutanol	78-83-1	mg/L	4/3/2018	ND	
MW-30R	d	Isobutanol	78-83-1	mg/L	4/3/2018	ND	
MW-31R	d	Isobutanol	78-83-1	mg/L	4/3/2018	ND	
MW-32R	d	Isobutanol	78-83-1	mg/L	4/3/2018	ND	
MW-39	d	Isobutanol	78-83-1	mg/L	11/1/2018	ND	
MW-22R	d	Isobutanol	78-83-1	mg/L	11/2/2018	ND	
MW-18	d	Isobutanol	78-83-1	mg/L	5/16/2019	ND	
MW-19	d	Isobutanol	78-83-1	mg/L	5/16/2019	ND	
MW-28	d	Isobutanol	78-83-1	mg/L	5/16/2019	ND	
MW-50	d	Isobutanol	78-83-1	mg/L	5/20/2019	ND	
MW-51	d	Isobutanol	78-83-1	mg/L	5/20/2019	ND	
MW-52	d	Isobutanol	78-83-1	mg/L	5/20/2019	ND	
MW-54	d	Isobutanol	78-83-1	mg/L	5/20/2019	ND	
MW-56	d	Isobutanol	78-83-1	mg/L	5/20/2019	ND	
MW-53	d	Isobutanol	78-83-1	mg/L	5/21/2019	ND	
MW-14R	d	Isobutanol	78-83-1	mg/L	9/11/2019	ND	
MW-29	d	Isobutanol	78-83-1	mg/L	9/11/2019	ND	
MW-33R	d	Isobutanol	78-83-1	mg/L	9/11/2019	ND	
MW-58	d	Isobutanol	78-83-1	mg/L	9/11/2019	ND	
MW-55	d	Isobutanol	78-83-1	mg/L	11/12/2020	ND	
MW-39	d	Isodrin	465-73-6	ug/L	3/11/2013	ND	
MW-31R	d	Isodrin	465-73-6	ug/L	9/10/2013	ND	
MW-32R	d	Isodrin	465-73-6	ug/L	9/10/2013	ND	
MW-18	d	Isodrin	465-73-6	ug/L	12/18/2013	ND	
MW-20	d	Isodrin	465-73-6	ug/L	12/18/2013	ND	
MW-21	d	Isodrin	465-73-6	ug/L	12/18/2013	ND	
MW-22R	d	Isodrin	465-73-6	ug/L	12/18/2013	ND	
MW-30R	d	Isodrin	465-73-6	ug/L	12/18/2013	ND	
MW-18	d	Isodrin	465-73-6	ug/L	6/24/2014	ND	
MW-29	d	Isodrin	465-73-6	ug/L	7/24/2014	ND	
MW-57	d	Isodrin	465-73-6	ug/L	7/24/2014	ND	
MW-58	d	Isodrin	465-73-6	ug/L	7/24/2014	ND	
MW-33R	d	Isodrin	465-73-6	ug/L	9/24/2014	ND	
MW-50	d	Isodrin	465-73-6	ug/L	9/24/2014	ND	
MW-51	d	Isodrin	465-73-6	ug/L	9/24/2014	ND	
MW-52	d	Isodrin	465-73-6	ug/L	9/24/2014	ND	
MW-53	d	Isodrin	465-73-6	ug/L	9/24/2014	ND	
MW-54	d	Isodrin	465-73-6	ug/L	9/24/2014	ND	
MW-14R	d	Isodrin	465-73-6	ug/L	12/4/2014	ND	
MW-19	d	Isodrin	465-73-6	ug/L	12/4/2014	ND	
MW-28	d	Isodrin	465-73-6	ug/L	12/4/2014	ND	
MW-56	d	Isodrin	465-73-6	ug/L	12/4/2014	ND	
MW-55	d	Isodrin	465-73-6	ug/L	3/11/2015	ND	
MW-20	d	Isodrin	465-73-6	ug/L	4/3/2018	ND	
MW-21	d	Isodrin	465-73-6	ug/L	4/3/2018	ND	
MW-30R	d	Isodrin	465-73-6	ug/L	4/3/2018	ND	
MW-31R	d	Isodrin	465-73-6	ug/L	4/3/2018	ND	
MW-32R	d	Isodrin	465-73-6	ug/L	4/3/2018	ND	
MW-39	d	Isodrin	465-73-6	ug/L	11/1/2018	ND	
MW-22R	d	Isodrin	465-73-6	ug/L	11/2/2018	ND	
MW-18	d	Isodrin	465-73-6	ug/L	5/16/2019	ND	
MW-19	d	Isodrin	465-73-6	ug/L	5/16/2019	ND	
MW-28	d	Isodrin	465-73-6	ug/L	5/16/2019	ND	
MW-50	d	Isodrin	465-73-6	ug/L	5/20/2019	ND	
MW-51	d	Isodrin	465-73-6	ug/L	5/20/2019	ND	
MW-52	d	Isodrin	465-73-6	ug/L	5/20/2019	ND	
MW-53	d	Isodrin	465-73-6	ug/L	5/20/2019	ND	
MW-54	d	Isodrin	465-73-6	ug/L	5/20/2019	ND	
MW-56	d	Isodrin	465-73-6	ug/L	5/20/2019	ND	
MW-14R	d	Isodrin	465-73-6	ug/L	9/11/2019	ND	
MW-29	d	Isodrin	465-73-6	ug/L	9/11/2019	ND	
MW-33R	d	Isodrin	465-73-6	ug/L	9/11/2019	ND	
MW-58	d	Isodrin	465-73-6	ug/L	9/11/2019	ND	
MW-55	d	Isodrin	465-73-6	ug/L	11/12/2020	ND	
MW-39	d	Isophorone	78-59-1	ug/L	3/11/2013	ND	
MW-31R	d	Isophorone	78-59-1	ug/L	9/10/2013	ND	
MW-32R	d	Isophorone	78-59-1	ug/L	9/10/2013	ND	
MW-18	d	Isophorone	78-59-1	ug/L	12/18/2013	ND	
MW-20	d	Isophorone	78-59-1	ug/L	12/18/2013	ND	
MW-21	d	Isophorone	78-59-1	ug/L	12/18/2013	ND	
MW-22R	d	Isophorone	78-59-1	ug/L	12/18/2013	ND	
MW-30R	d	Isophorone	78-59-1	ug/L	12/18/2013	ND	
MW-18	d	Isophorone	78-59-1	ug/L	6/24/2014	ND	
MW-29	d	Isophorone	78-59-1	ug/L	7/24/2014	ND	
MW-57	d	Isophorone	78-59-1	ug/L	7/24/2014	ND	
MW-58	d	Isophorone	78-59-1	ug/L	7/24/2014	ND	
MW-33R	d	Isophorone	78-59-1	ug/L	9/24/2014	ND	
MW-50	d	Isophorone	78-59-1	ug/L	9/24/2014	ND	
MW-51	d	Isophorone	78-59-1	ug/L	9/24/2014	ND	
MW-52	d	Isophorone	78-59-1	ug/L	9/24/2014	ND	
MW-53	d	Isophorone	78-59-1	ug/L	9/24/2014	ND	
MW-54	d	Isophorone	78-59-1	ug/L	9/24/2014	ND	
MW-14R	d	Isophorone	78-59-1	ug/L	12/4/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	Isophorone	78-59-1	ug/L	12/4/2014	ND	
MW-28	d	Isophorone	78-59-1	ug/L	12/4/2014	ND	
MW-56	d	Isophorone	78-59-1	ug/L	12/4/2014	ND	
MW-55	d	Isophorone	78-59-1	ug/L	3/11/2015	ND	
MW-20	d	Isophorone	78-59-1	ug/L	4/3/2018	ND	
MW-21	d	Isophorone	78-59-1	ug/L	4/3/2018	ND	
MW-30R	d	Isophorone	78-59-1	ug/L	4/3/2018	ND	
MW-31R	d	Isophorone	78-59-1	ug/L	4/3/2018	ND	
MW-32R	d	Isophorone	78-59-1	ug/L	4/3/2018	ND	
MW-39	d	Isophorone	78-59-1	ug/L	11/1/2018	ND	
MW-22R	d	Isophorone	78-59-1	ug/L	11/2/2018	ND	
MW-18	d	Isophorone	78-59-1	ug/L	5/16/2019	ND	
MW-19	d	Isophorone	78-59-1	ug/L	5/16/2019	ND	
MW-28	d	Isophorone	78-59-1	ug/L	5/16/2019	ND	
MW-50	d	Isophorone	78-59-1	ug/L	5/20/2019	ND	
MW-51	d	Isophorone	78-59-1	ug/L	5/20/2019	ND	
MW-52	d	Isophorone	78-59-1	ug/L	5/20/2019	ND	
MW-53	d	Isophorone	78-59-1	ug/L	5/20/2019	ND	
MW-54	d	Isophorone	78-59-1	ug/L	5/20/2019	ND	
MW-56	d	Isophorone	78-59-1	ug/L	5/20/2019	ND	
MW-14R	d	Isophorone	78-59-1	ug/L	9/11/2019	ND	
MW-29	d	Isophorone	78-59-1	ug/L	9/11/2019	ND	
MW-33R	d	Isophorone	78-59-1	ug/L	9/11/2019	ND	
MW-58	d	Isophorone	78-59-1	ug/L	9/11/2019	ND	
MW-55	d	Isophorone	78-59-1	ug/L	11/12/2020	ND	
MW-39	d	Isosafrole	120-58-1	ug/L	3/11/2013	ND	
MW-31R	d	Isosafrole	120-58-1	ug/L	9/10/2013	ND	
MW-32R	d	Isosafrole	120-58-1	ug/L	9/10/2013	ND	
MW-18	d	Isosafrole	120-58-1	ug/L	12/18/2013	ND	
MW-20	d	Isosafrole	120-58-1	ug/L	12/18/2013	ND	
MW-21	d	Isosafrole	120-58-1	ug/L	12/18/2013	ND	
MW-22R	d	Isosafrole	120-58-1	ug/L	12/18/2013	ND	
MW-30R	d	Isosafrole	120-58-1	ug/L	12/18/2013	ND	
MW-18	d	Isosafrole	120-58-1	ug/L	6/24/2014	ND	
MW-29	d	Isosafrole	120-58-1	ug/L	7/24/2014	ND	
MW-57	d	Isosafrole	120-58-1	ug/L	7/24/2014	ND	
MW-58	d	Isosafrole	120-58-1	ug/L	7/24/2014	ND	
MW-33R	d	Isosafrole	120-58-1	ug/L	9/24/2014	ND	
MW-50	d	Isosafrole	120-58-1	ug/L	9/24/2014	ND	
MW-51	d	Isosafrole	120-58-1	ug/L	9/24/2014	ND	
MW-52	d	Isosafrole	120-58-1	ug/L	9/24/2014	ND	
MW-53	d	Isosafrole	120-58-1	ug/L	9/24/2014	ND	
MW-54	d	Isosafrole	120-58-1	ug/L	9/24/2014	ND	
MW-14R	d	Isosafrole	120-58-1	ug/L	12/4/2014	ND	
MW-19	d	Isosafrole	120-58-1	ug/L	12/4/2014	ND	
MW-28	d	Isosafrole	120-58-1	ug/L	12/4/2014	ND	
MW-56	d	Isosafrole	120-58-1	ug/L	12/4/2014	ND	
MW-55	d	Isosafrole	120-58-1	ug/L	3/11/2015	ND	
MW-20	d	Isosafrole	120-58-1	ug/L	4/3/2018	ND	
MW-21	d	Isosafrole	120-58-1	ug/L	4/3/2018	ND	
MW-30R	d	Isosafrole	120-58-1	ug/L	4/3/2018	ND	
MW-31R	d	Isosafrole	120-58-1	ug/L	4/3/2018	ND	
MW-32R	d	Isosafrole	120-58-1	ug/L	4/3/2018	ND	
MW-39	d	Isosafrole	120-58-1	ug/L	11/1/2018	ND	
MW-22R	d	Isosafrole	120-58-1	ug/L	11/2/2018	ND	
MW-18	d	Isosafrole	120-58-1	ug/L	5/16/2019	ND	
MW-19	d	Isosafrole	120-58-1	ug/L	5/16/2019	ND	
MW-28	d	Isosafrole	120-58-1	ug/L	5/16/2019	ND	
MW-50	d	Isosafrole	120-58-1	ug/L	5/20/2019	ND	
MW-51	d	Isosafrole	120-58-1	ug/L	5/20/2019	ND	
MW-52	d	Isosafrole	120-58-1	ug/L	5/20/2019	ND	
MW-53	d	Isosafrole	120-58-1	ug/L	5/20/2019	ND	
MW-54	d	Isosafrole	120-58-1	ug/L	5/20/2019	ND	
MW-56	d	Isosafrole	120-58-1	ug/L	5/20/2019	ND	
MW-14R	d	Isosafrole	120-58-1	ug/L	9/11/2019	ND	
MW-29	d	Isosafrole	120-58-1	ug/L	9/11/2019	ND	
MW-33R	d	Isosafrole	120-58-1	ug/L	9/11/2019	ND	
MW-58	d	Isosafrole	120-58-1	ug/L	9/11/2019	ND	
MW-55	d	Isosafrole	120-58-1	ug/L	11/12/2020	ND	
MW-39	d	Kepone	143-50-0	ug/L	3/11/2013	ND	
MW-31R	d	Kepone	143-50-0	ug/L	9/10/2013	ND	
MW-32R	d	Kepone	143-50-0	ug/L	9/10/2013	ND	
MW-18	d	Kepone	143-50-0	ug/L	12/18/2013	ND	
MW-20	d	Kepone	143-50-0	ug/L	12/18/2013	ND	
MW-21	d	Kepone	143-50-0	ug/L	12/18/2013	ND	
MW-22R	d	Kepone	143-50-0	ug/L	12/18/2013	ND	
MW-30R	d	Kepone	143-50-0	ug/L	12/18/2013	ND	
MW-18	d	Kepone	143-50-0	ug/L	6/24/2014	ND	
MW-29	d	Kepone	143-50-0	ug/L	7/24/2014	ND	
MW-57	d	Kepone	143-50-0	ug/L	7/24/2014	ND	
MW-58	d	Kepone	143-50-0	ug/L	7/24/2014	ND	
MW-33R	d	Kepone	143-50-0	ug/L	9/24/2014	ND	
MW-50	d	Kepone	143-50-0	ug/L	9/24/2014	ND	
MW-51	d	Kepone	143-50-0	ug/L	9/24/2014	ND	
MW-52	d	Kepone	143-50-0	ug/L	9/24/2014	ND	
MW-53	d	Kepone	143-50-0	ug/L	9/24/2014	ND	
MW-54	d	Kepone	143-50-0	ug/L	9/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	Kepone	143-50-0	ug/L	12/4/2014	ND	
MW-19	d	Kepone	143-50-0	ug/L	12/4/2014	ND	
MW-28	d	Kepone	143-50-0	ug/L	12/4/2014	ND	
MW-56	d	Kepone	143-50-0	ug/L	12/4/2014	ND	
MW-55	d	Kepone	143-50-0	ug/L	3/11/2015	ND	
MW-20	d	Kepone	143-50-0	ug/L	4/3/2018	ND	
MW-21	d	Kepone	143-50-0	ug/L	4/3/2018	ND	
MW-30R	d	Kepone	143-50-0	ug/L	4/3/2018	ND	
MW-31R	d	Kepone	143-50-0	ug/L	4/3/2018	ND	
MW-32R	d	Kepone	143-50-0	ug/L	4/3/2018	ND	
MW-39	d	Kepone	143-50-0	ug/L	11/1/2018	ND	
MW-22R	d	Kepone	143-50-0	ug/L	11/2/2018	ND	
MW-18	d	Kepone	143-50-0	ug/L	5/16/2019	J	0.845
MW-19	d	Kepone	143-50-0	ug/L	5/16/2019	ND	
MW-28	d	Kepone	143-50-0	ug/L	5/16/2019	J	1.27
MW-50	d	Kepone	143-50-0	ug/L	5/20/2019	ND	
MW-51	d	Kepone	143-50-0	ug/L	5/20/2019	ND	
MW-52	d	Kepone	143-50-0	ug/L	5/20/2019	ND	
MW-53	d	Kepone	143-50-0	ug/L	5/20/2019	ND	
MW-54	d	Kepone	143-50-0	ug/L	5/20/2019	ND	
MW-56	d	Kepone	143-50-0	ug/L	5/20/2019	ND	
MW-14R	d	Kepone	143-50-0	ug/L	9/11/2019	ND	
MW-29	d	Kepone	143-50-0	ug/L	9/11/2019	ND	
MW-33R	d	Kepone	143-50-0	ug/L	9/11/2019	ND	
MW-58	d	Kepone	143-50-0	ug/L	9/11/2019	ND	
MW-18	d	Kepone	143-50-0	ug/L	7/21/2020	ND	
MW-28	d	Kepone	143-50-0	ug/L	7/21/2020	ND	
MW-55	d	Kepone	143-50-0	ug/L	11/12/2020	ND	
MW-51	d	Lead	7439-92-1	mg/L	1/15/2010	ND	
MW-24R	u	Lead	7439-92-1	mg/L	2/11/2010	ND	
MW-53	d	Lead	7439-92-1	mg/L	2/11/2010	ND	
GU-3A	d	Lead	7439-92-1	mg/L	3/24/2010	ND	
MW-20	d	Lead	7439-92-1	mg/L	3/24/2010	ND	
MW-21	d	Lead	7439-92-1	mg/L	3/24/2010	ND	
MW-22R	d	Lead	7439-92-1	mg/L	3/24/2010	ND	
MW-52	d	Lead	7439-92-1	mg/L	3/24/2010	ND	
MW-54	d	Lead	7439-92-1	mg/L	3/24/2010	ND	
MW-55	d	Lead	7439-92-1	mg/L	3/24/2010	ND	
MW-28	d	Lead	7439-92-1	mg/L	4/9/2010	ND	
MW-33R	d	Lead	7439-92-1	mg/L	4/9/2010		0.00475
MW-50	d	Lead	7439-92-1	mg/L	4/9/2010	ND	
MW-56	d	Lead	7439-92-1	mg/L	4/9/2010	ND	
MW-57	d	Lead	7439-92-1	mg/L	4/9/2010	ND	
MW-58	d	Lead	7439-92-1	mg/L	4/9/2010	ND	
MW-32R	d	Lead	7439-92-1	mg/L	5/18/2010		0.0546
MW-52	d	Lead	7439-92-1	mg/L	5/18/2010	ND	
MW-14R	d	Lead	7439-92-1	mg/L	6/17/2010	ND	
MW-19	d	Lead	7439-92-1	mg/L	6/17/2010	ND	
MW-29	d	Lead	7439-92-1	mg/L	6/17/2010	ND	
MW-30R	d	Lead	7439-92-1	mg/L	6/17/2010	ND	
MW-31R	d	Lead	7439-92-1	mg/L	6/17/2010	ND	
MW-51	d	Lead	7439-92-1	mg/L	6/17/2010	ND	
MW-21	d	Lead	7439-92-1	mg/L	7/21/2010	ND	
MW-54	d	Lead	7439-92-1	mg/L	7/21/2010	ND	
MW-20	d	Lead	7439-92-1	mg/L	8/17/2010	ND	
MW-29	d	Lead	7439-92-1	mg/L	8/17/2010	ND	
MW-39	d	Lead	7439-92-1	mg/L	8/17/2010	ND	
MW-51	d	Lead	7439-92-1	mg/L	8/17/2010	ND	
GU-3A	d	Lead	7439-92-1	mg/L	9/17/2010	ND	
MW-22R	d	Lead	7439-92-1	mg/L	9/17/2010	ND	
MW-55	d	Lead	7439-92-1	mg/L	9/17/2010	ND	
MW-19	d	Lead	7439-92-1	mg/L	10/22/2010	ND	
MW-24R	u	Lead	7439-92-1	mg/L	10/22/2010	ND	
MW-30R	d	Lead	7439-92-1	mg/L	10/22/2010	ND	
MW-31R	d	Lead	7439-92-1	mg/L	10/22/2010	ND	
MW-50	d	Lead	7439-92-1	mg/L	10/22/2010	ND	
MW-53	d	Lead	7439-92-1	mg/L	10/22/2010	ND	
MW-56	d	Lead	7439-92-1	mg/L	10/22/2010	ND	
MW-58	d	Lead	7439-92-1	mg/L	10/22/2010	ND	
MW-14R	d	Lead	7439-92-1	mg/L	11/8/2010	ND	
MW-32R	d	Lead	7439-92-1	mg/L	11/8/2010		0.0195
MW-57	d	Lead	7439-92-1	mg/L	11/8/2010	ND	
MW-28	d	Lead	7439-92-1	mg/L	12/15/2010	ND	
MW-33R	d	Lead	7439-92-1	mg/L	12/15/2010		0.023
MW-52	d	Lead	7439-92-1	mg/L	12/15/2010		0.026
MW-54	d	Lead	7439-92-1	mg/L	1/12/2011		0.0121
MW-54	d	Lead	7439-92-1	mg/L	1/12/2011		0.00711
MW-20	d	Lead	7439-92-1	mg/L	2/22/2011	ND	
MW-22R	d	Lead	7439-92-1	mg/L	2/22/2011	ND	
MW-51	d	Lead	7439-92-1	mg/L	2/22/2011	ND	
MW-52	d	Lead	7439-92-1	mg/L	2/22/2011		0.0321
MW-53	d	Lead	7439-92-1	mg/L	2/22/2011	ND	
MW-55	d	Lead	7439-92-1	mg/L	2/22/2011	ND	
GU-3A	d	Lead	7439-92-1	mg/L	3/2/2011	ND	
MW-21	d	Lead	7439-92-1	mg/L	3/2/2011	ND	
MW-21	d	Lead	7439-92-1	mg/L	3/2/2011	ND	
MW-29	d	Lead	7439-92-1	mg/L	4/21/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	Lead	7439-92-1	mg/L	4/21/2011	ND	
MW-31R	d	Lead	7439-92-1	mg/L	4/21/2011	ND	
MW-31R	d	Lead	7439-92-1	mg/L	4/21/2011	ND	
MW-32R	d	Lead	7439-92-1	mg/L	4/21/2011		0.0265
MW-54	d	Lead	7439-92-1	mg/L	5/31/2011	ND	
MW-56	d	Lead	7439-92-1	mg/L	5/31/2011	ND	
MW-57	d	Lead	7439-92-1	mg/L	5/31/2011	ND	
MW-58	d	Lead	7439-92-1	mg/L	5/31/2011	ND	
MW-14R	d	Lead	7439-92-1	mg/L	6/7/2011	ND	
MW-14R	d	Lead	7439-92-1	mg/L	6/7/2011	ND	
MW-19	d	Lead	7439-92-1	mg/L	6/7/2011	ND	
MW-28	d	Lead	7439-92-1	mg/L	6/7/2011	ND	
MW-33R	d	Lead	7439-92-1	mg/L	6/7/2011	ND	
MW-39	d	Lead	7439-92-1	mg/L	6/7/2011	ND	
MW-50	d	Lead	7439-92-1	mg/L	6/7/2011	ND	
MW-52	d	Lead	7439-92-1	mg/L	7/22/2011	ND	
MW-56	d	Lead	7439-92-1	mg/L	7/22/2011	ND	
MW-58	d	Lead	7439-92-1	mg/L	7/22/2011	ND	
MW-14R	d	Lead	7439-92-1	mg/L	8/29/2011	ND	
MW-19	d	Lead	7439-92-1	mg/L	8/29/2011	ND	
MW-19	d	Lead	7439-92-1	mg/L	8/29/2011	ND	
MW-32R	d	Lead	7439-92-1	mg/L	8/29/2011		0.0176
GU-3A	d	Lead	7439-92-1	mg/L	9/9/2011	ND	
MW-22R	d	Lead	7439-92-1	mg/L	9/9/2011	ND	
MW-23	u	Lead	7439-92-1	mg/L	9/9/2011	ND	
MW-24R	u	Lead	7439-92-1	mg/L	9/9/2011	ND	
MW-28	d	Lead	7439-92-1	mg/L	9/9/2011	ND	
MW-29	d	Lead	7439-92-1	mg/L	9/9/2011	ND	
MW-51	d	Lead	7439-92-1	mg/L	9/9/2011	ND	
MW-53	d	Lead	7439-92-1	mg/L	9/9/2011	ND	
MW-53	d	Lead	7439-92-1	mg/L	9/9/2011	ND	
MW-21	d	Lead	7439-92-1	mg/L	10/4/2011	ND	
MW-50	d	Lead	7439-92-1	mg/L	10/4/2011	ND	
MW-50	d	Lead	7439-92-1	mg/L	10/4/2011	ND	
MW-54	d	Lead	7439-92-1	mg/L	10/4/2011	ND	
MW-57	d	Lead	7439-92-1	mg/L	10/4/2011	ND	
MW-20	d	Lead	7439-92-1	mg/L	11/29/2011	ND	
MW-30R	d	Lead	7439-92-1	mg/L	11/29/2011	ND	
MW-52	d	Lead	7439-92-1	mg/L	11/29/2011	ND	
MW-55	d	Lead	7439-92-1	mg/L	11/29/2011	ND	
MW-31R	d	Lead	7439-92-1	mg/L	12/16/2011	ND	
MW-33R	d	Lead	7439-92-1	mg/L	12/16/2011	ND	
MW-39	d	Lead	7439-92-1	mg/L	12/16/2011	ND	
MW-14R	d	Lead	7439-92-1	mg/L	3/8/2012	ND	
MW-19	d	Lead	7439-92-1	mg/L	3/8/2012	ND	
MW-20	d	Lead	7439-92-1	mg/L	3/8/2012	ND	
MW-21	d	Lead	7439-92-1	mg/L	3/8/2012	ND	
MW-22R	d	Lead	7439-92-1	mg/L	3/8/2012	ND	
MW-23	u	Lead	7439-92-1	mg/L	3/8/2012	ND	
MW-24R	u	Lead	7439-92-1	mg/L	3/8/2012	ND	
MW-28	d	Lead	7439-92-1	mg/L	3/8/2012	ND	
MW-39	d	Lead	7439-92-1	mg/L	3/8/2012	ND	
MW-55	d	Lead	7439-92-1	mg/L	3/8/2012	ND	
MW-56	d	Lead	7439-92-1	mg/L	3/8/2012	ND	
MW-57	d	Lead	7439-92-1	mg/L	3/8/2012	ND	
MW-58	d	Lead	7439-92-1	mg/L	3/8/2012		0.00732
GU-3A	d	Lead	7439-92-1	mg/L	6/13/2012		0.00645
MW-29	d	Lead	7439-92-1	mg/L	6/13/2012	ND	
MW-30R	d	Lead	7439-92-1	mg/L	6/13/2012	ND	
MW-31R	d	Lead	7439-92-1	mg/L	6/13/2012	ND	
MW-32R	d	Lead	7439-92-1	mg/L	6/13/2012		0.00887
MW-33R	d	Lead	7439-92-1	mg/L	6/13/2012	ND	
MW-50	d	Lead	7439-92-1	mg/L	6/13/2012	ND	
MW-50	d	Lead	7439-92-1	mg/L	6/13/2012	ND	
MW-51	d	Lead	7439-92-1	mg/L	6/13/2012	ND	
MW-52	d	Lead	7439-92-1	mg/L	6/13/2012	ND	
MW-53	d	Lead	7439-92-1	mg/L	6/13/2012	ND	
MW-54	d	Lead	7439-92-1	mg/L	6/13/2012	ND	
GU-3A	d	Lead	7439-92-1	mg/L	9/4/2012	ND	
MW-20	d	Lead	7439-92-1	mg/L	9/4/2012	ND	
MW-21	d	Lead	7439-92-1	mg/L	9/4/2012	ND	
MW-22R	d	Lead	7439-92-1	mg/L	9/4/2012	ND	
MW-23	u	Lead	7439-92-1	mg/L	9/4/2012	ND	
MW-50	d	Lead	7439-92-1	mg/L	9/4/2012	ND	
MW-51	d	Lead	7439-92-1	mg/L	9/4/2012	ND	
MW-52	d	Lead	7439-92-1	mg/L	9/4/2012	ND	
MW-53	d	Lead	7439-92-1	mg/L	9/4/2012	ND	
MW-54	d	Lead	7439-92-1	mg/L	9/4/2012	ND	
MW-54	d	Lead	7439-92-1	mg/L	9/4/2012	ND	
MW-57	d	Lead	7439-92-1	mg/L	9/4/2012	ND	
MW-58	d	Lead	7439-92-1	mg/L	9/4/2012	ND	
MW-14R	d	Lead	7439-92-1	mg/L	12/19/2012	ND	
MW-19	d	Lead	7439-92-1	mg/L	12/19/2012	ND	
MW-28	d	Lead	7439-92-1	mg/L	12/19/2012	ND	
MW-29	d	Lead	7439-92-1	mg/L	12/19/2012	ND	
MW-30R	d	Lead	7439-92-1	mg/L	12/19/2012	ND	
MW-31R	d	Lead	7439-92-1	mg/L	12/19/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-32R	d	Lead	7439-92-1	mg/L	12/19/2012		0.0207
MW-33R	d	Lead	7439-92-1	mg/L	12/19/2012	ND	
MW-33R	d	Lead	7439-92-1	mg/L	12/19/2012	ND	
MW-39	d	Lead	7439-92-1	mg/L	12/19/2012	ND	
MW-55	d	Lead	7439-92-1	mg/L	12/19/2012	ND	
MW-56	d	Lead	7439-92-1	mg/L	12/19/2012	ND	
MW-14R	d	Lead	7439-92-1	mg/L	3/11/2013	ND	
MW-19	d	Lead	7439-92-1	mg/L	3/11/2013	ND	
MW-23	u	Lead	7439-92-1	mg/L	3/11/2013	ND	
MW-28	d	Lead	7439-92-1	mg/L	3/11/2013	ND	
MW-39	d	Lead	7439-92-1	mg/L	3/11/2013	ND	
MW-50	d	Lead	7439-92-1	mg/L	3/11/2013	ND	
MW-50	d	Lead	7439-92-1	mg/L	3/11/2013	ND	
MW-51	d	Lead	7439-92-1	mg/L	3/11/2013	ND	
MW-52	d	Lead	7439-92-1	mg/L	3/11/2013	ND	
MW-53	d	Lead	7439-92-1	mg/L	3/11/2013	ND	
MW-54	d	Lead	7439-92-1	mg/L	3/11/2013	ND	
MW-55	d	Lead	7439-92-1	mg/L	3/11/2013	ND	
MW-56	d	Lead	7439-92-1	mg/L	3/11/2013	ND	
MW-20	d	Lead	7439-92-1	mg/L	6/10/2013	ND	
MW-20	d	Lead	7439-92-1	mg/L	6/10/2013	ND	
MW-21	d	Lead	7439-92-1	mg/L	6/10/2013	ND	
MW-22R	d	Lead	7439-92-1	mg/L	6/10/2013	ND	
MW-29	d	Lead	7439-92-1	mg/L	6/10/2013	ND	
MW-30R	d	Lead	7439-92-1	mg/L	6/10/2013	ND	
MW-31R	d	Lead	7439-92-1	mg/L	6/10/2013	ND	
MW-32R	d	Lead	7439-92-1	mg/L	6/10/2013		0.00595
MW-33R	d	Lead	7439-92-1	mg/L	6/10/2013	ND	
MW-57	d	Lead	7439-92-1	mg/L	6/10/2013	ND	
MW-58	d	Lead	7439-92-1	mg/L	6/10/2013	ND	
GU-3A	d	Lead	7439-92-1	mg/L	9/10/2013	ND	
MW-23	u	Lead	7439-92-1	mg/L	9/10/2013	ND	
MW-31R	d	Lead	7439-92-1	mg/L	9/10/2013	ND	
MW-31R	d	Lead	7439-92-1	mg/L	9/10/2013	ND	
MW-32R	d	Lead	7439-92-1	mg/L	9/10/2013	ND	
MW-33R	d	Lead	7439-92-1	mg/L	9/10/2013	J	0.000886
MW-50	d	Lead	7439-92-1	mg/L	9/10/2013	ND	
MW-51	d	Lead	7439-92-1	mg/L	9/10/2013	ND	
MW-52	d	Lead	7439-92-1	mg/L	9/10/2013	ND	
MW-53	d	Lead	7439-92-1	mg/L	9/10/2013	ND	
MW-54	d	Lead	7439-92-1	mg/L	9/10/2013	ND	
MW-14R	d	Lead	7439-92-1	mg/L	12/18/2013	ND	
MW-18	d	Lead	7439-92-1	mg/L	12/18/2013	ND	
MW-19	d	Lead	7439-92-1	mg/L	12/18/2013	ND	
MW-20	d	Lead	7439-92-1	mg/L	12/18/2013	ND	
MW-21	d	Lead	7439-92-1	mg/L	12/18/2013	ND	
MW-22R	d	Lead	7439-92-1	mg/L	12/18/2013	J	0.00209
MW-28	d	Lead	7439-92-1	mg/L	12/18/2013	ND	
MW-30R	d	Lead	7439-92-1	mg/L	12/18/2013		0.00497
MW-39	d	Lead	7439-92-1	mg/L	12/18/2013	ND	
MW-39	d	Lead	7439-92-1	mg/L	12/18/2013	ND	
MW-55	d	Lead	7439-92-1	mg/L	12/18/2013	ND	
MW-18	d	Lead	7439-92-1	mg/L	3/20/2014	ND	
MW-20	d	Lead	7439-92-1	mg/L	3/20/2014	ND	
MW-21	d	Lead	7439-92-1	mg/L	3/20/2014	ND	
MW-21	d	Lead	7439-92-1	mg/L	3/20/2014	ND	
MW-22R	d	Lead	7439-92-1	mg/L	3/20/2014	ND	
MW-23	u	Lead	7439-92-1	mg/L	3/20/2014	ND	
MW-30R	d	Lead	7439-92-1	mg/L	3/20/2014	ND	
MW-31R	d	Lead	7439-92-1	mg/L	3/20/2014	ND	
MW-32R	d	Lead	7439-92-1	mg/L	3/20/2014	ND	
MW-33R	d	Lead	7439-92-1	mg/L	3/20/2014		0.0136
MW-14R	d	Lead	7439-92-1	mg/L	6/24/2014	ND	
MW-14R	d	Lead	7439-92-1	mg/L	6/24/2014	ND	
MW-18	d	Lead	7439-92-1	mg/L	6/24/2014	ND	
MW-19	d	Lead	7439-92-1	mg/L	6/24/2014	ND	
MW-28	d	Lead	7439-92-1	mg/L	6/24/2014	ND	
MW-39	d	Lead	7439-92-1	mg/L	6/24/2014	ND	
MW-50	d	Lead	7439-92-1	mg/L	6/24/2014	ND	
MW-51	d	Lead	7439-92-1	mg/L	6/24/2014	ND	
MW-52	d	Lead	7439-92-1	mg/L	6/24/2014	ND	
MW-53	d	Lead	7439-92-1	mg/L	6/24/2014	ND	
MW-54	d	Lead	7439-92-1	mg/L	6/24/2014	ND	
MW-55	d	Lead	7439-92-1	mg/L	6/24/2014	J	0.00248
MW-58	d	Lead	7439-92-1	mg/L	6/24/2014	ND	
MW-29	d	Lead	7439-92-1	mg/L	7/24/2014	ND	
MW-56	d	Lead	7439-92-1	mg/L	7/24/2014	ND	
MW-57	d	Lead	7439-92-1	mg/L	7/24/2014	ND	
GU-3A	d	Lead	7439-92-1	mg/L	9/24/2014	ND	
MW-18	d	Lead	7439-92-1	mg/L	9/24/2014	ND	
MW-23	u	Lead	7439-92-1	mg/L	9/24/2014	ND	
MW-24R	u	Lead	7439-92-1	mg/L	9/24/2014	ND	
MW-29	d	Lead	7439-92-1	mg/L	9/24/2014	ND	
MW-30R	d	Lead	7439-92-1	mg/L	9/24/2014	ND	
MW-31R	d	Lead	7439-92-1	mg/L	9/24/2014	ND	
MW-31R	d	Lead	7439-92-1	mg/L	9/24/2014	ND	
MW-32R	d	Lead	7439-92-1	mg/L	9/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	Lead	7439-92-1	mg/L	9/24/2014	ND	
MW-50	d	Lead	7439-92-1	mg/L	9/24/2014	ND	
MW-51	d	Lead	7439-92-1	mg/L	9/24/2014	ND	
MW-52	d	Lead	7439-92-1	mg/L	9/24/2014	ND	
MW-53	d	Lead	7439-92-1	mg/L	9/24/2014	ND	
MW-54	d	Lead	7439-92-1	mg/L	9/24/2014	ND	
MW-14R	d	Lead	7439-92-1	mg/L	12/4/2014	ND	
MW-18	d	Lead	7439-92-1	mg/L	12/4/2014	ND	
MW-19	d	Lead	7439-92-1	mg/L	12/4/2014	ND	
MW-20	d	Lead	7439-92-1	mg/L	12/4/2014	ND	
MW-21	d	Lead	7439-92-1	mg/L	12/4/2014	ND	
MW-22R	d	Lead	7439-92-1	mg/L	12/4/2014	J	0.00102
MW-28	d	Lead	7439-92-1	mg/L	12/4/2014	ND	
MW-39	d	Lead	7439-92-1	mg/L	12/4/2014	ND	
MW-56	d	Lead	7439-92-1	mg/L	12/4/2014	J	0.00222
MW-57	d	Lead	7439-92-1	mg/L	12/4/2014		0.00538
MW-57	d	Lead	7439-92-1	mg/L	12/4/2014	J	0.00263
MW-58	d	Lead	7439-92-1	mg/L	12/4/2014		0.0072
MW-14R	d	Lead	7439-92-1	mg/L	3/11/2015	J	0.000248
MW-18	d	Lead	7439-92-1	mg/L	3/11/2015		0.00123
MW-19	d	Lead	7439-92-1	mg/L	3/11/2015	ND	
MW-20	d	Lead	7439-92-1	mg/L	3/11/2015	ND	
MW-21	d	Lead	7439-92-1	mg/L	3/11/2015	J	0.00017
MW-22R	d	Lead	7439-92-1	mg/L	3/11/2015		0.00133
MW-23	u	Lead	7439-92-1	mg/L	3/11/2015	J	0.000239
MW-24R	u	Lead	7439-92-1	mg/L	3/11/2015	ND	
MW-28	d	Lead	7439-92-1	mg/L	3/11/2015	J	9.70E-05
MW-39	d	Lead	7439-92-1	mg/L	3/11/2015	J	0.00011
MW-55	d	Lead	7439-92-1	mg/L	3/11/2015	J	0.000388
MW-56	d	Lead	7439-92-1	mg/L	3/11/2015		0.000504
MW-57	d	Lead	7439-92-1	mg/L	3/11/2015		0.000569
MW-58	d	Lead	7439-92-1	mg/L	3/11/2015		0.00082
MW-58	d	Lead	7439-92-1	mg/L	3/11/2015		0.000581
MW-29	d	Lead	7439-92-1	mg/L	6/29/2015	ND	
MW-30R	d	Lead	7439-92-1	mg/L	6/29/2015		0.00101
MW-31R	d	Lead	7439-92-1	mg/L	6/29/2015	J	0.000222
MW-31R	d	Lead	7439-92-1	mg/L	6/29/2015	J	0.000178
MW-32R	d	Lead	7439-92-1	mg/L	6/29/2015		0.000694
MW-33R	d	Lead	7439-92-1	mg/L	6/29/2015		0.000605
MW-50	d	Lead	7439-92-1	mg/L	6/29/2015	ND	
MW-51	d	Lead	7439-92-1	mg/L	6/29/2015	ND	
MW-52	d	Lead	7439-92-1	mg/L	6/29/2015	J	0.000231
MW-53	d	Lead	7439-92-1	mg/L	6/29/2015	ND	
MW-54	d	Lead	7439-92-1	mg/L	6/29/2015	ND	
GU-3A	d	Lead	7439-92-1	mg/L	9/22/2015		0.00144
MW-14R	d	Lead	7439-92-1	mg/L	2/15/2016	J	0.000278
MW-14R	d	Lead	7439-92-1	mg/L	2/15/2016	J	0.000291
MW-18	d	Lead	7439-92-1	mg/L	2/15/2016		0.000602
MW-19	d	Lead	7439-92-1	mg/L	2/15/2016		0.00127
MW-39	d	Lead	7439-92-1	mg/L	2/15/2016	ND	
MW-20	d	Lead	7439-92-1	mg/L	2/16/2016	J	0.000206
MW-21	d	Lead	7439-92-1	mg/L	2/16/2016	J	0.000161
MW-55	d	Lead	7439-92-1	mg/L	2/16/2016	J	0.000183
MW-56	d	Lead	7439-92-1	mg/L	2/16/2016		0.000764
MW-57	d	Lead	7439-92-1	mg/L	2/16/2016		0.00251
MW-58	d	Lead	7439-92-1	mg/L	2/16/2016		0.00545
MW-22R	d	Lead	7439-92-1	mg/L	2/17/2016	J	0.000438
MW-23	u	Lead	7439-92-1	mg/L	2/17/2016	J	9.80E-05
MW-24R	u	Lead	7439-92-1	mg/L	2/17/2016		0.000784
MW-28	d	Lead	7439-92-1	mg/L	8/25/2016	J	0.0004
MW-29	d	Lead	7439-92-1	mg/L	8/25/2016	ND	
MW-30R	d	Lead	7439-92-1	mg/L	8/25/2016		0.00175
MW-31R	d	Lead	7439-92-1	mg/L	8/25/2016		0.000664
MW-32R	d	Lead	7439-92-1	mg/L	8/25/2016		0.00116
MW-33R	d	Lead	7439-92-1	mg/L	8/25/2016		0.00108
MW-50	d	Lead	7439-92-1	mg/L	8/25/2016	J	0.000423
MW-51	d	Lead	7439-92-1	mg/L	8/25/2016	ND	
MW-52	d	Lead	7439-92-1	mg/L	8/25/2016	ND	
MW-53	d	Lead	7439-92-1	mg/L	8/25/2016	ND	
MW-54	d	Lead	7439-92-1	mg/L	8/25/2016	ND	
GU-3A	d	Lead	7439-92-1	mg/L	8/26/2016	ND	
MW-18	d	Lead	7439-92-1	mg/L	1/17/2017	ND	
MW-19	d	Lead	7439-92-1	mg/L	1/17/2017	ND	
MW-22R	d	Lead	7439-92-1	mg/L	1/17/2017		0.00115
MW-23	u	Lead	7439-92-1	mg/L	1/17/2017	ND	
MW-24R	u	Lead	7439-92-1	mg/L	1/17/2017	ND	
MW-28	d	Lead	7439-92-1	mg/L	1/17/2017	ND	
MW-28	d	Lead	7439-92-1	mg/L	1/17/2017	ND	
MW-39	d	Lead	7439-92-1	mg/L	1/17/2017	ND	
MW-50	d	Lead	7439-92-1	mg/L	1/17/2017	ND	
MW-51	d	Lead	7439-92-1	mg/L	1/17/2017	ND	
MW-53	d	Lead	7439-92-1	mg/L	1/17/2017	ND	
MW-54	d	Lead	7439-92-1	mg/L	1/17/2017	ND	
MW-56	d	Lead	7439-92-1	mg/L	1/17/2017	ND	
GU-3A	d	Lead	7439-92-1	mg/L	7/10/2017	ND	
MW-14R	d	Lead	7439-92-1	mg/L	7/10/2017	ND	
MW-20	d	Lead	7439-92-1	mg/L	7/10/2017	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-21	d	Lead	7439-92-1	mg/L	7/10/2017	ND	
MW-29	d	Lead	7439-92-1	mg/L	7/10/2017	ND	
MW-30R	d	Lead	7439-92-1	mg/L	7/10/2017		0.00107
MW-31R	d	Lead	7439-92-1	mg/L	7/10/2017	ND	
MW-32R	d	Lead	7439-92-1	mg/L	7/10/2017		0.00101
MW-32R	d	Lead	7439-92-1	mg/L	7/10/2017		0.000968
MW-33R	d	Lead	7439-92-1	mg/L	7/10/2017	J	0.000382
MW-57	d	Lead	7439-92-1	mg/L	7/10/2017		0.000543
MW-58	d	Lead	7439-92-1	mg/L	7/10/2017	J	0.000421
MW-52	d	Lead	7439-92-1	mg/L	10/17/2017		0.00328
MW-55	d	Lead	7439-92-1	mg/L	10/17/2017	ND	
GU-3A	d	Lead	7439-92-1	mg/L	4/3/2018		0.00382
GU-3A	d	Lead	7439-92-1	mg/L	4/3/2018		0.0176
MW-14R	d	Lead	7439-92-1	mg/L	4/3/2018	ND	
MW-20	d	Lead	7439-92-1	mg/L	4/3/2018		0.000644
MW-21	d	Lead	7439-92-1	mg/L	4/3/2018	J	0.00048
MW-29	d	Lead	7439-92-1	mg/L	4/3/2018	ND	
MW-30R	d	Lead	7439-92-1	mg/L	4/3/2018		0.000871
MW-31R	d	Lead	7439-92-1	mg/L	4/3/2018		0.000594
MW-32R	d	Lead	7439-92-1	mg/L	4/3/2018		0.0016
MW-33R	d	Lead	7439-92-1	mg/L	4/3/2018		0.00266
MW-33R	d	Lead	7439-92-1	mg/L	4/3/2018		0.00287
MW-57	d	Lead	7439-92-1	mg/L	4/3/2018		0.016
MW-58	d	Lead	7439-92-1	mg/L	4/3/2018		0.0267
MW-23	u	Lead	7439-92-1	mg/L	11/1/2018	ND	
MW-24R	u	Lead	7439-92-1	mg/L	11/1/2018	ND	
MW-39	d	Lead	7439-92-1	mg/L	11/1/2018	ND	
MW-50	d	Lead	7439-92-1	mg/L	11/1/2018	ND	
MW-51	d	Lead	7439-92-1	mg/L	11/1/2018	ND	
MW-52	d	Lead	7439-92-1	mg/L	11/1/2018		0.0018
MW-53	d	Lead	7439-92-1	mg/L	11/1/2018	ND	
MW-54	d	Lead	7439-92-1	mg/L	11/1/2018	ND	
MW-55	d	Lead	7439-92-1	mg/L	11/1/2018	ND	
MW-18	d	Lead	7439-92-1	mg/L	11/2/2018	ND	
MW-19	d	Lead	7439-92-1	mg/L	11/2/2018	ND	
MW-22R	d	Lead	7439-92-1	mg/L	11/2/2018		0.00521
MW-28	d	Lead	7439-92-1	mg/L	11/2/2018	ND	
MW-56	d	Lead	7439-92-1	mg/L	11/2/2018	ND	
MW-18	d	Lead	7439-92-1	mg/L	5/16/2019		0.000701
MW-19	d	Lead	7439-92-1	mg/L	5/16/2019		0.00357
MW-23	u	Lead	7439-92-1	mg/L	5/16/2019	ND	
MW-24R	u	Lead	7439-92-1	mg/L	5/16/2019		0.00071
MW-28	d	Lead	7439-92-1	mg/L	5/16/2019		0.000537
MW-39	d	Lead	7439-92-1	mg/L	5/16/2019	ND	
MW-55	d	Lead	7439-92-1	mg/L	5/16/2019	ND	
MW-50	d	Lead	7439-92-1	mg/L	5/20/2019	J	0.000304
MW-51	d	Lead	7439-92-1	mg/L	5/20/2019	J	0.000292
MW-52	d	Lead	7439-92-1	mg/L	5/20/2019		0.00133
MW-54	d	Lead	7439-92-1	mg/L	5/20/2019		0.000748
MW-56	d	Lead	7439-92-1	mg/L	5/20/2019		0.000526
MW-53	d	Lead	7439-92-1	mg/L	5/21/2019	J	0.000409
MW-14R	d	Lead	7439-92-1	mg/L	9/11/2019	ND	
MW-29	d	Lead	7439-92-1	mg/L	9/11/2019	ND	
MW-30R	d	Lead	7439-92-1	mg/L	9/11/2019	J	0.000461
MW-31R	d	Lead	7439-92-1	mg/L	9/11/2019	ND	
MW-32R	d	Lead	7439-92-1	mg/L	9/11/2019		0.00074
MW-33R	d	Lead	7439-92-1	mg/L	9/11/2019		0.000786
MW-58	d	Lead	7439-92-1	mg/L	9/11/2019	J	0.000349
GU-3A	d	Lead	7439-92-1	mg/L	3/16/2020	J	0.000333
MW-31R	d	Lead	7439-92-1	mg/L	3/16/2020	ND	
MW-32R	d	Lead	7439-92-1	mg/L	3/16/2020		0.00115
MW-33R	d	Lead	7439-92-1	mg/L	3/16/2020		0.00327
MW-14R	d	Lead	7439-92-1	mg/L	3/17/2020	ND	
MW-29	d	Lead	7439-92-1	mg/L	3/17/2020	ND	
MW-30R	d	Lead	7439-92-1	mg/L	3/17/2020		0.000735
MW-58	d	Lead	7439-92-1	mg/L	3/17/2020	J	0.000387
MW-19	d	Lead	7439-92-1	mg/L	7/20/2020	ND	
MW-28	d	Lead	7439-92-1	mg/L	7/20/2020	ND	
MW-51	d	Lead	7439-92-1	mg/L	7/20/2020		0.000636
MW-55	d	Lead	7439-92-1	mg/L	7/20/2020	ND	
MW-56	d	Lead	7439-92-1	mg/L	7/20/2020	J	0.000229
MW-57R	d	Lead	7439-92-1	mg/L	7/20/2020	J	0.000378
MW-73	d	Lead	7439-92-1	mg/L	7/20/2020	J	0.000302
MW-18	d	Lead	7439-92-1	mg/L	7/21/2020	ND	
MW-39	d	Lead	7439-92-1	mg/L	7/21/2020	ND	
MW-50	d	Lead	7439-92-1	mg/L	7/21/2020	J	0.000245
MW-52	d	Lead	7439-92-1	mg/L	7/21/2020		0.000798
MW-53	d	Lead	7439-92-1	mg/L	7/21/2020	ND	
MW-54	d	Lead	7439-92-1	mg/L	7/21/2020	J	0.000159
MW-23	u	Lead	7439-92-1	mg/L	7/22/2020	J	0.000148
MW-24R	u	Lead	7439-92-1	mg/L	7/22/2020	ND	
MW-55	d	Lead	7439-92-1	mg/L	11/12/2020	ND	
MW-32R	d	Lead	7439-92-1	mg/L	8/24/2021		0.00259
MW-33R	d	Lead	7439-92-1	mg/L	8/24/2021		0.00157
MW-14R	d	Lead	7439-92-1	mg/L	8/24/2021	J	0.000295
MW-31R	d	Lead	7439-92-1	mg/L	8/24/2021		<0.000500
MW-29	d	Lead	7439-92-1	mg/L	8/25/2021		<0.000500

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	Lead	7439-92-1	mg/L	8/25/2021	J	0.000293
MW-30R	d	Lead	7439-92-1	mg/L	8/25/2021		<0.000500
MW-57R	d	Lead	7439-92-1	mg/L	8/26/2021	J	0.000494
MW-73	d	Lead	7439-92-1	mg/L	8/27/2021		0.00416
GU-3A	d	Lead	7439-92-1	mg/L	9/8/2021		<0.000500
MW-24R	u	Lead	7439-92-1	mg/L	12/7/2021		<0.000500
MW-28	d	Lead	7439-92-1	mg/L	12/7/2021	J B	0.000214
MW-57R	d	Lead	7439-92-1	mg/L	12/7/2021	B	0.000615
MW-73	d	Lead	7439-92-1	mg/L	12/7/2021	B	0.00184
MW-56	d	Lead	7439-92-1	mg/L	12/7/2021		<0.000500
MW-19	d	Lead	7439-92-1	mg/L	12/7/2021		<0.000500
MW-18	d	Lead	7439-92-1	mg/L	12/7/2021		<0.000500
MW-55	d	Lead	7439-92-1	mg/L	12/7/2021		<0.000500
MW-50	d	Lead	7439-92-1	mg/L	12/7/2021	J B	0.000316
MW-23	u	Lead	7439-92-1	mg/L	12/8/2021		<0.000500
MW-39	d	Lead	7439-92-1	mg/L	12/8/2021		<0.000500
MW-51	d	Lead	7439-92-1	mg/L	12/8/2021	J	0.000344
MW-52	d	Lead	7439-92-1	mg/L	12/8/2021	J	0.000245
MW-53	d	Lead	7439-92-1	mg/L	12/8/2021		<0.000500
MW-54	d	Lead	7439-92-1	mg/L	12/8/2021	J	0.000215
GU-3A	d	M&P-Xylene	179601-23-1	ug/L	9/4/2012	ND	
MW-20	d	M&P-Xylene	179601-23-1	ug/L	9/4/2012	ND	
MW-21	d	M&P-Xylene	179601-23-1	ug/L	9/4/2012	ND	
MW-22R	d	M&P-Xylene	179601-23-1	ug/L	9/4/2012	ND	
MW-50	d	M&P-Xylene	179601-23-1	ug/L	9/4/2012	ND	
MW-51	d	M&P-Xylene	179601-23-1	ug/L	9/4/2012	ND	
MW-52	d	M&P-Xylene	179601-23-1	ug/L	9/4/2012	ND	
MW-53	d	M&P-Xylene	179601-23-1	ug/L	9/4/2012		65.2
MW-54	d	M&P-Xylene	179601-23-1	ug/L	9/4/2012	ND	
MW-54	d	M&P-Xylene	179601-23-1	ug/L	9/4/2012	ND	
MW-57	d	M&P-Xylene	179601-23-1	ug/L	9/4/2012	ND	
MW-58	d	M&P-Xylene	179601-23-1	ug/L	9/4/2012	ND	
MW-14R	d	M&P-Xylene	179601-23-1	ug/L	12/19/2012	ND	
MW-19	d	M&P-Xylene	179601-23-1	ug/L	12/19/2012	ND	
MW-28	d	M&P-Xylene	179601-23-1	ug/L	12/19/2012	ND	
MW-29	d	M&P-Xylene	179601-23-1	ug/L	12/19/2012	ND	
MW-30R	d	M&P-Xylene	179601-23-1	ug/L	12/19/2012	ND	
MW-31R	d	M&P-Xylene	179601-23-1	ug/L	12/19/2012	ND	
MW-32R	d	M&P-Xylene	179601-23-1	ug/L	12/19/2012	ND	
MW-33R	d	M&P-Xylene	179601-23-1	ug/L	12/19/2012	ND	
MW-33R	d	M&P-Xylene	179601-23-1	ug/L	12/19/2012	ND	
MW-39	d	M&P-Xylene	179601-23-1	ug/L	12/19/2012	ND	
MW-55	d	M&P-Xylene	179601-23-1	ug/L	12/19/2012	ND	
MW-56	d	M&P-Xylene	179601-23-1	ug/L	12/19/2012	ND	
MW-14R	d	M&P-Xylene	179601-23-1	ug/L	3/11/2013	ND	
MW-19	d	M&P-Xylene	179601-23-1	ug/L	3/11/2013	ND	
MW-28	d	M&P-Xylene	179601-23-1	ug/L	3/11/2013	ND	
MW-39	d	M&P-Xylene	179601-23-1	ug/L	3/11/2013	ND	
MW-50	d	M&P-Xylene	179601-23-1	ug/L	3/11/2013	ND	
MW-50	d	M&P-Xylene	179601-23-1	ug/L	3/11/2013	ND	
MW-51	d	M&P-Xylene	179601-23-1	ug/L	3/11/2013	ND	
MW-52	d	M&P-Xylene	179601-23-1	ug/L	3/11/2013	ND	
MW-53	d	M&P-Xylene	179601-23-1	ug/L	3/11/2013		68.4
MW-54	d	M&P-Xylene	179601-23-1	ug/L	3/11/2013	ND	
MW-55	d	M&P-Xylene	179601-23-1	ug/L	3/11/2013	ND	
MW-56	d	M&P-Xylene	179601-23-1	ug/L	3/11/2013	ND	
MW-20	d	M&P-Xylene	179601-23-1	ug/L	6/10/2013	ND	
MW-20	d	M&P-Xylene	179601-23-1	ug/L	6/10/2013	ND	
MW-21	d	M&P-Xylene	179601-23-1	ug/L	6/10/2013	ND	
MW-22R	d	M&P-Xylene	179601-23-1	ug/L	6/10/2013	ND	
MW-29	d	M&P-Xylene	179601-23-1	ug/L	6/10/2013	ND	
MW-30R	d	M&P-Xylene	179601-23-1	ug/L	6/10/2013	ND	
MW-31R	d	M&P-Xylene	179601-23-1	ug/L	6/10/2013	ND	
MW-32R	d	M&P-Xylene	179601-23-1	ug/L	6/10/2013	ND	
MW-33R	d	M&P-Xylene	179601-23-1	ug/L	6/10/2013	ND	
MW-57	d	M&P-Xylene	179601-23-1	ug/L	6/10/2013	ND	
MW-58	d	M&P-Xylene	179601-23-1	ug/L	6/10/2013	ND	
MW-20	d	M&P-Xylene	179601-23-1	ug/L	4/3/2018	ND	
MW-21	d	M&P-Xylene	179601-23-1	ug/L	4/3/2018	ND	
MW-30R	d	M&P-Xylene	179601-23-1	ug/L	4/3/2018	ND	
MW-31R	d	M&P-Xylene	179601-23-1	ug/L	4/3/2018	ND	
MW-32R	d	M&P-Xylene	179601-23-1	ug/L	4/3/2018	ND	
MW-14R	d	M&P-Xylene	179601-23-1	ug/L	9/11/2019	ND	
MW-29	d	M&P-Xylene	179601-23-1	ug/L	9/11/2019	ND	
MW-30R	d	M&P-Xylene	179601-23-1	ug/L	9/11/2019	ND	
MW-33R	d	M&P-Xylene	179601-23-1	ug/L	9/11/2019	ND	
MW-58	d	M&P-Xylene	179601-23-1	ug/L	9/11/2019	ND	
MW-55	d	M&P-Xylene	179601-23-1	ug/L	11/12/2020	ND	
MW-68	d	Magnesium	7439-95-4	mg/L	6/30/2015		48.8
MW-69	d	Magnesium	7439-95-4	mg/L	6/30/2015		117
MW-70	d	Magnesium	7439-95-4	mg/L	6/30/2015		85.6
MW-72	d	Magnesium	7439-95-4	mg/L	6/30/2015		60.6
PZ-13	d	Magnesium	7439-95-4	mg/L	7/1/2015		25.2
MW-68	d	Magnesium	7439-95-4	mg/L	9/24/2015		145
MW-69	d	Magnesium	7439-95-4	mg/L	9/24/2015		56.4
MW-70	d	Magnesium	7439-95-4	mg/L	9/25/2015		84.2
MW-72	d	Magnesium	7439-95-4	mg/L	9/25/2015		58.6

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
PZ-13	d	Magnesium	7439-95-4	mg/L	9/25/2015		26.7
MW-14R	d	Magnesium	7439-95-4	mg/L	2/15/2016		20.4
MW-68	d	Magnesium	7439-95-4	mg/L	2/16/2016		150
MW-69	d	Magnesium	7439-95-4	mg/L	2/16/2016		67.1
MW-53	d	Magnesium	7439-95-4	mg/L	2/17/2016		74.8
PIAEastSump	d	Magnesium	7439-95-4	mg/L	2/17/2016		117
PIAWestSump	d	Magnesium	7439-95-4	mg/L	2/17/2016		91.7
MW-68	d	Manganese	7439-96-5	mg/L	6/30/2015		0.546
MW-69	d	Manganese	7439-96-5	mg/L	6/30/2015		17.2
MW-70	d	Manganese	7439-96-5	mg/L	6/30/2015		0.161
MW-72	d	Manganese	7439-96-5	mg/L	6/30/2015		7.75
PZ-13	d	Manganese	7439-96-5	mg/L	7/1/2015	J	0.0042
MW-68	d	Manganese	7439-96-5	mg/L	9/24/2015		17.1
MW-69	d	Manganese	7439-96-5	mg/L	9/24/2015		0.783
MW-70	d	Manganese	7439-96-5	mg/L	9/25/2015		0.114
MW-72	d	Manganese	7439-96-5	mg/L	9/25/2015		6.68
PZ-13	d	Manganese	7439-96-5	mg/L	9/25/2015		0.117
MW-14R	d	Manganese	7439-96-5	mg/L	2/15/2016		0.598
MW-29	d	Manganese	7439-96-5	mg/L	2/15/2016		28.3
MW-30R	d	Manganese	7439-96-5	mg/L	2/15/2016		4.51
MW-31R	d	Manganese	7439-96-5	mg/L	2/15/2016		1.5
MW-32R	d	Manganese	7439-96-5	mg/L	2/15/2016		0.577
MW-33R	d	Manganese	7439-96-5	mg/L	2/15/2016		3.16
MW-20	d	Manganese	7439-96-5	mg/L	2/16/2016		0.638
MW-21	d	Manganese	7439-96-5	mg/L	2/16/2016		0.415
MW-26	d	Manganese	7439-96-5	mg/L	2/16/2016	J	0.00621
MW-34	d	Manganese	7439-96-5	mg/L	2/16/2016		5.18
MW-35R	d	Manganese	7439-96-5	mg/L	2/16/2016		1.55
MW-57	d	Manganese	7439-96-5	mg/L	2/16/2016		39.3
MW-58	d	Manganese	7439-96-5	mg/L	2/16/2016		0.903
MW-68	d	Manganese	7439-96-5	mg/L	2/16/2016		17
MW-69	d	Manganese	7439-96-5	mg/L	2/16/2016		2.07
MW-71	d	Manganese	7439-96-5	mg/L	2/16/2016		21.9
PZ-13	d	Manganese	7439-96-5	mg/L	2/16/2016	J	0.00862
MW-23	u	Manganese	7439-96-5	mg/L	2/17/2016		1.02
MW-24R	u	Manganese	7439-96-5	mg/L	2/17/2016	J	0.00448
MW-43	d	Manganese	7439-96-5	mg/L	2/17/2016		0.127
MW-53	d	Manganese	7439-96-5	mg/L	2/17/2016		0.656
MW-54	d	Manganese	7439-96-5	mg/L	2/17/2016		0.639
MW-63	d	Manganese	7439-96-5	mg/L	2/17/2016	ND	
MW-64	d	Manganese	7439-96-5	mg/L	2/17/2016		0.448
MW-65	d	Manganese	7439-96-5	mg/L	2/17/2016		0.0242
MW-70	d	Manganese	7439-96-5	mg/L	2/17/2016		0.0683
MW-72	d	Manganese	7439-96-5	mg/L	2/17/2016		7.51
PZ-11	d	Manganese	7439-96-5	mg/L	2/17/2016		0.389
MW-52	d	Manganese	7439-96-5	mg/L	5/4/2016		8.1
MW-39	d	Mercury	7439-97-6	mg/L	3/11/2013	ND	
MW-31R	d	Mercury	7439-97-6	mg/L	9/10/2013	ND	
MW-32R	d	Mercury	7439-97-6	mg/L	9/10/2013	ND	
MW-18	d	Mercury	7439-97-6	mg/L	12/18/2013	ND	
MW-20	d	Mercury	7439-97-6	mg/L	12/18/2013	ND	
MW-21	d	Mercury	7439-97-6	mg/L	12/18/2013	ND	
MW-22R	d	Mercury	7439-97-6	mg/L	12/18/2013	ND	
MW-30R	d	Mercury	7439-97-6	mg/L	12/18/2013	ND	
MW-18	d	Mercury	7439-97-6	mg/L	6/24/2014	ND	
MW-29	d	Mercury	7439-97-6	mg/L	7/24/2014	ND	
MW-57	d	Mercury	7439-97-6	mg/L	7/24/2014	ND	
MW-58	d	Mercury	7439-97-6	mg/L	7/24/2014	ND	
MW-33R	d	Mercury	7439-97-6	mg/L	9/24/2014	ND	
MW-50	d	Mercury	7439-97-6	mg/L	9/24/2014	ND	
MW-51	d	Mercury	7439-97-6	mg/L	9/24/2014	ND	
MW-52	d	Mercury	7439-97-6	mg/L	9/24/2014	ND	
MW-53	d	Mercury	7439-97-6	mg/L	9/24/2014	ND	
MW-54	d	Mercury	7439-97-6	mg/L	9/24/2014	ND	
MW-14R	d	Mercury	7439-97-6	mg/L	12/4/2014	ND	
MW-19	d	Mercury	7439-97-6	mg/L	12/4/2014	ND	
MW-28	d	Mercury	7439-97-6	mg/L	12/4/2014	ND	
MW-56	d	Mercury	7439-97-6	mg/L	12/4/2014	ND	
MW-55	d	Mercury	7439-97-6	mg/L	3/11/2015	ND	
MW-20	d	Mercury	7439-97-6	mg/L	4/3/2018	ND	
MW-21	d	Mercury	7439-97-6	mg/L	4/3/2018	ND	
MW-30R	d	Mercury	7439-97-6	mg/L	4/3/2018	ND	
MW-31R	d	Mercury	7439-97-6	mg/L	4/3/2018	ND	
MW-32R	d	Mercury	7439-97-6	mg/L	4/3/2018	ND	
MW-39	d	Mercury	7439-97-6	mg/L	11/1/2018	ND	
MW-22R	d	Mercury	7439-97-6	mg/L	11/2/2018	ND	
MW-18	d	Mercury	7439-97-6	mg/L	5/16/2019	JB	0.000139
MW-19	d	Mercury	7439-97-6	mg/L	5/16/2019	JB	0.000139
MW-28	d	Mercury	7439-97-6	mg/L	5/16/2019	JB	0.000139
MW-50	d	Mercury	7439-97-6	mg/L	5/20/2019	ND	
MW-51	d	Mercury	7439-97-6	mg/L	5/20/2019	NDF1	
MW-52	d	Mercury	7439-97-6	mg/L	5/20/2019	ND	
MW-54	d	Mercury	7439-97-6	mg/L	5/20/2019	J	0.000146
MW-56	d	Mercury	7439-97-6	mg/L	5/20/2019	ND	
MW-53	d	Mercury	7439-97-6	mg/L	5/21/2019	ND	
MW-14R	d	Mercury	7439-97-6	mg/L	9/11/2019	ND	
MW-29	d	Mercury	7439-97-6	mg/L	9/11/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	Mercury	7439-97-6	mg/L	9/11/2019	ND	
MW-58	d	Mercury	7439-97-6	mg/L	9/11/2019	ND	
MW-19	d	Mercury	7439-97-6	mg/L	7/20/2020	ND	
MW-28	d	Mercury	7439-97-6	mg/L	7/20/2020	ND	
MW-18	d	Mercury	7439-97-6	mg/L	7/21/2020	ND	
MW-55	d	Mercury	7439-97-6	mg/L	11/12/2020	ND	
MW-39	d	Methacrylonitrile	126-98-7	ug/L	3/11/2013	ND	
MW-31R	d	Methacrylonitrile	126-98-7	ug/L	9/10/2013	ND	
MW-32R	d	Methacrylonitrile	126-98-7	ug/L	9/10/2013	ND	
MW-18	d	Methacrylonitrile	126-98-7	ug/L	12/18/2013	ND	
MW-20	d	Methacrylonitrile	126-98-7	ug/L	12/18/2013	ND	
MW-21	d	Methacrylonitrile	126-98-7	ug/L	12/18/2013	ND	
MW-22R	d	Methacrylonitrile	126-98-7	ug/L	12/18/2013	ND	
MW-30R	d	Methacrylonitrile	126-98-7	ug/L	12/18/2013	ND	
MW-18	d	Methacrylonitrile	126-98-7	ug/L	6/24/2014	ND	
MW-29	d	Methacrylonitrile	126-98-7	ug/L	7/24/2014	ND	
MW-57	d	Methacrylonitrile	126-98-7	ug/L	7/24/2014	ND	
MW-58	d	Methacrylonitrile	126-98-7	ug/L	7/24/2014	ND	
MW-33R	d	Methacrylonitrile	126-98-7	ug/L	9/24/2014	ND	
MW-50	d	Methacrylonitrile	126-98-7	ug/L	9/24/2014	ND	
MW-51	d	Methacrylonitrile	126-98-7	ug/L	9/24/2014	ND	
MW-52	d	Methacrylonitrile	126-98-7	ug/L	9/24/2014	ND	
MW-53	d	Methacrylonitrile	126-98-7	ug/L	9/24/2014	ND	
MW-54	d	Methacrylonitrile	126-98-7	ug/L	9/24/2014	ND	
MW-14R	d	Methacrylonitrile	126-98-7	ug/L	12/4/2014	ND	
MW-19	d	Methacrylonitrile	126-98-7	ug/L	12/4/2014	ND	
MW-28	d	Methacrylonitrile	126-98-7	ug/L	12/4/2014	ND	
MW-56	d	Methacrylonitrile	126-98-7	ug/L	12/4/2014	ND	
MW-55	d	Methacrylonitrile	126-98-7	ug/L	3/11/2015	ND	
MW-20	d	Methacrylonitrile	126-98-7	ug/L	4/3/2018	ND	
MW-21	d	Methacrylonitrile	126-98-7	ug/L	4/3/2018	ND	
MW-30R	d	Methacrylonitrile	126-98-7	ug/L	4/3/2018	ND	
MW-31R	d	Methacrylonitrile	126-98-7	ug/L	4/3/2018	ND	
MW-32R	d	Methacrylonitrile	126-98-7	ug/L	4/3/2018	ND	
MW-39	d	Methacrylonitrile	126-98-7	ug/L	11/1/2018	ND	
MW-22R	d	Methacrylonitrile	126-98-7	ug/L	11/2/2018	ND	
MW-18	d	Methacrylonitrile	126-98-7	ug/L	5/16/2019	ND	
MW-19	d	Methacrylonitrile	126-98-7	ug/L	5/16/2019	ND	
MW-28	d	Methacrylonitrile	126-98-7	ug/L	5/16/2019	ND	
MW-50	d	Methacrylonitrile	126-98-7	ug/L	5/20/2019	ND	
MW-51	d	Methacrylonitrile	126-98-7	ug/L	5/20/2019	ND	
MW-52	d	Methacrylonitrile	126-98-7	ug/L	5/20/2019	ND	
MW-54	d	Methacrylonitrile	126-98-7	ug/L	5/20/2019	ND	
MW-56	d	Methacrylonitrile	126-98-7	ug/L	5/20/2019	ND	
MW-53	d	Methacrylonitrile	126-98-7	ug/L	5/21/2019	ND	
MW-14R	d	Methacrylonitrile	126-98-7	ug/L	9/11/2019	ND	
MW-29	d	Methacrylonitrile	126-98-7	ug/L	9/11/2019	ND	
MW-30R	d	Methacrylonitrile	126-98-7	ug/L	9/11/2019	ND	
MW-33R	d	Methacrylonitrile	126-98-7	ug/L	9/11/2019	ND	
MW-58	d	Methacrylonitrile	126-98-7	ug/L	9/11/2019	ND	
MW-55	d	Methacrylonitrile	126-98-7	ug/L	11/12/2020	ND	
MW-68	d	Methane, Dissolved	74-82-8	mg/L	6/30/2015		0.193
MW-69	d	Methane, Dissolved	74-82-8	mg/L	6/30/2015		0.821
MW-70	d	Methane, Dissolved	74-82-8	mg/L	6/30/2015	J	0.00447
MW-72	d	Methane, Dissolved	74-82-8	mg/L	6/30/2015		0.00994
PZ-13	d	Methane, Dissolved	74-82-8	mg/L	7/1/2015		0.0183
MW-68	d	Methane, Dissolved	74-82-8	mg/L	9/24/2015		0.371
MW-69	d	Methane, Dissolved	74-82-8	mg/L	9/24/2015		0.596
MW-70	d	Methane, Dissolved	74-82-8	mg/L	9/25/2015		0.00585
MW-72	d	Methane, Dissolved	74-82-8	mg/L	9/25/2015		0.00546
PZ-13	d	Methane, Dissolved	74-82-8	mg/L	9/25/2015		0.0764
MW-14R	d	Methane, Dissolved	74-82-8	mg/L	2/15/2016		0.394
MW-29	d	Methane, Dissolved	74-82-8	mg/L	2/15/2016		3.39
MW-30R	d	Methane, Dissolved	74-82-8	mg/L	2/15/2016		1.21
MW-31R	d	Methane, Dissolved	74-82-8	mg/L	2/15/2016		1.02
MW-32R	d	Methane, Dissolved	74-82-8	mg/L	2/15/2016		0.067
MW-33R	d	Methane, Dissolved	74-82-8	mg/L	2/15/2016	ND	
MW-34	d	Methane, Dissolved	74-82-8	mg/L	2/16/2016	J	0.000522
MW-68	d	Methane, Dissolved	74-82-8	mg/L	2/16/2016		0.000682
MW-69	d	Methane, Dissolved	74-82-8	mg/L	2/16/2016		0.00583
MW-71	d	Methane, Dissolved	74-82-8	mg/L	2/16/2016		0.00409
PZ-13	d	Methane, Dissolved	74-82-8	mg/L	2/16/2016		0.0196
MW-23	u	Methane, Dissolved	74-82-8	mg/L	2/17/2016		0.0022
MW-24R	u	Methane, Dissolved	74-82-8	mg/L	2/17/2016	ND	
MW-43	d	Methane, Dissolved	74-82-8	mg/L	2/17/2016	J	0.000639
MW-53	d	Methane, Dissolved	74-82-8	mg/L	2/17/2016		5.69
MW-54	d	Methane, Dissolved	74-82-8	mg/L	2/17/2016		0.0932
MW-63	d	Methane, Dissolved	74-82-8	mg/L	2/17/2016	ND	
MW-64	d	Methane, Dissolved	74-82-8	mg/L	2/17/2016	ND	
MW-65	d	Methane, Dissolved	74-82-8	mg/L	2/17/2016		0.00602
MW-70	d	Methane, Dissolved	74-82-8	mg/L	2/17/2016		0.00359
MW-72	d	Methane, Dissolved	74-82-8	mg/L	2/17/2016		0.0174
PZ-11	d	Methane, Dissolved	74-82-8	mg/L	2/17/2016		0.00545
MW-52	d	Methane, Dissolved	74-82-8	mg/L	5/4/2016	J	0.00465
MW-39	d	Methapyrilene	91-80-5	ug/L	3/11/2013	ND	
MW-31R	d	Methapyrilene	91-80-5	ug/L	9/10/2013	ND	
MW-32R	d	Methapyrilene	91-80-5	ug/L	9/10/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-18	d	Methapyrilene	91-80-5	ug/L	12/18/2013	ND	
MW-20	d	Methapyrilene	91-80-5	ug/L	12/18/2013	ND	
MW-21	d	Methapyrilene	91-80-5	ug/L	12/18/2013	ND	
MW-22R	d	Methapyrilene	91-80-5	ug/L	12/18/2013	ND	
MW-30R	d	Methapyrilene	91-80-5	ug/L	12/18/2013	ND	
MW-18	d	Methapyrilene	91-80-5	ug/L	6/24/2014	ND	
MW-29	d	Methapyrilene	91-80-5	ug/L	7/24/2014	ND	
MW-57	d	Methapyrilene	91-80-5	ug/L	7/24/2014	ND	
MW-58	d	Methapyrilene	91-80-5	ug/L	7/24/2014	ND	
MW-33R	d	Methapyrilene	91-80-5	ug/L	9/24/2014	ND	
MW-50	d	Methapyrilene	91-80-5	ug/L	9/24/2014	ND	
MW-51	d	Methapyrilene	91-80-5	ug/L	9/24/2014	ND	
MW-52	d	Methapyrilene	91-80-5	ug/L	9/24/2014	ND	
MW-53	d	Methapyrilene	91-80-5	ug/L	9/24/2014	ND	
MW-54	d	Methapyrilene	91-80-5	ug/L	9/24/2014	ND	
MW-14R	d	Methapyrilene	91-80-5	ug/L	12/4/2014	ND	
MW-19	d	Methapyrilene	91-80-5	ug/L	12/4/2014	ND	
MW-28	d	Methapyrilene	91-80-5	ug/L	12/4/2014	ND	
MW-56	d	Methapyrilene	91-80-5	ug/L	12/4/2014	ND	
MW-55	d	Methapyrilene	91-80-5	ug/L	3/11/2015	ND	
MW-20	d	Methapyrilene	91-80-5	ug/L	4/3/2018	ND	
MW-21	d	Methapyrilene	91-80-5	ug/L	4/3/2018	ND	
MW-30R	d	Methapyrilene	91-80-5	ug/L	4/3/2018	ND	
MW-31R	d	Methapyrilene	91-80-5	ug/L	4/3/2018	ND	
MW-32R	d	Methapyrilene	91-80-5	ug/L	4/3/2018	ND	
MW-39	d	Methapyrilene	91-80-5	ug/L	11/1/2018	ND	
MW-22R	d	Methapyrilene	91-80-5	ug/L	11/2/2018	ND	
MW-18	d	Methapyrilene	91-80-5	ug/L	5/16/2019	ND	
MW-19	d	Methapyrilene	91-80-5	ug/L	5/16/2019	ND	
MW-28	d	Methapyrilene	91-80-5	ug/L	5/16/2019	ND	
MW-50	d	Methapyrilene	91-80-5	ug/L	5/20/2019	ND	
MW-51	d	Methapyrilene	91-80-5	ug/L	5/20/2019	ND	
MW-52	d	Methapyrilene	91-80-5	ug/L	5/20/2019	ND	
MW-53	d	Methapyrilene	91-80-5	ug/L	5/20/2019	ND	
MW-54	d	Methapyrilene	91-80-5	ug/L	5/20/2019	ND	
MW-56	d	Methapyrilene	91-80-5	ug/L	5/20/2019	ND	
MW-14R	d	Methapyrilene	91-80-5	ug/L	9/11/2019	ND	
MW-29	d	Methapyrilene	91-80-5	ug/L	9/11/2019	ND	
MW-33R	d	Methapyrilene	91-80-5	ug/L	9/11/2019	ND	
MW-58	d	Methapyrilene	91-80-5	ug/L	9/11/2019	ND	
MW-55	d	Methapyrilene	91-80-5	ug/L	11/12/2020	ND	
MW-39	d	Methoxychlor	72-43-5	ug/L	3/11/2013	ND	
MW-31R	d	Methoxychlor	72-43-5	ug/L	9/10/2013	ND	
MW-32R	d	Methoxychlor	72-43-5	ug/L	9/10/2013	ND	
MW-18	d	Methoxychlor	72-43-5	ug/L	12/18/2013	ND	
MW-20	d	Methoxychlor	72-43-5	ug/L	12/18/2013	ND	
MW-21	d	Methoxychlor	72-43-5	ug/L	12/18/2013	ND	
MW-22R	d	Methoxychlor	72-43-5	ug/L	12/18/2013	ND	
MW-30R	d	Methoxychlor	72-43-5	ug/L	12/18/2013	ND	
MW-18	d	Methoxychlor	72-43-5	ug/L	6/24/2014	ND	
MW-29	d	Methoxychlor	72-43-5	ug/L	7/24/2014	J	0.0112
MW-57	d	Methoxychlor	72-43-5	ug/L	7/24/2014	ND	
MW-58	d	Methoxychlor	72-43-5	ug/L	7/24/2014	ND	
MW-33R	d	Methoxychlor	72-43-5	ug/L	9/24/2014	ND	
MW-50	d	Methoxychlor	72-43-5	ug/L	9/24/2014	ND	
MW-51	d	Methoxychlor	72-43-5	ug/L	9/24/2014	ND	
MW-52	d	Methoxychlor	72-43-5	ug/L	9/24/2014	ND	
MW-53	d	Methoxychlor	72-43-5	ug/L	9/24/2014	ND	
MW-54	d	Methoxychlor	72-43-5	ug/L	9/24/2014	ND	
MW-14R	d	Methoxychlor	72-43-5	ug/L	12/4/2014	ND	
MW-19	d	Methoxychlor	72-43-5	ug/L	12/4/2014	ND	
MW-28	d	Methoxychlor	72-43-5	ug/L	12/4/2014	ND	
MW-56	d	Methoxychlor	72-43-5	ug/L	12/4/2014	J	0.00771
MW-55	d	Methoxychlor	72-43-5	ug/L	3/11/2015	J	0.0034
MW-20	d	Methoxychlor	72-43-5	ug/L	4/3/2018	ND	
MW-21	d	Methoxychlor	72-43-5	ug/L	4/3/2018	ND	
MW-30R	d	Methoxychlor	72-43-5	ug/L	4/3/2018	ND	
MW-31R	d	Methoxychlor	72-43-5	ug/L	4/3/2018	ND	
MW-32R	d	Methoxychlor	72-43-5	ug/L	4/3/2018	ND	
MW-39	d	Methoxychlor	72-43-5	ug/L	11/1/2018	ND	
MW-22R	d	Methoxychlor	72-43-5	ug/L	11/2/2018	ND	
MW-18	d	Methoxychlor	72-43-5	ug/L	5/16/2019	ND	
MW-28	d	Methoxychlor	72-43-5	ug/L	5/16/2019	ND	
MW-19	d	Methoxychlor	72-43-5	ug/L	5/20/2019	ND	
MW-50	d	Methoxychlor	72-43-5	ug/L	5/20/2019	ND	
MW-51	d	Methoxychlor	72-43-5	ug/L	5/20/2019	ND	
MW-52	d	Methoxychlor	72-43-5	ug/L	5/20/2019	ND	
MW-53	d	Methoxychlor	72-43-5	ug/L	5/20/2019	ND	
MW-54	d	Methoxychlor	72-43-5	ug/L	5/20/2019	ND	
MW-56	d	Methoxychlor	72-43-5	ug/L	5/20/2019	ND	
MW-14R	d	Methoxychlor	72-43-5	ug/L	9/11/2019	ND	
MW-29	d	Methoxychlor	72-43-5	ug/L	9/11/2019	ND	
MW-33R	d	Methoxychlor	72-43-5	ug/L	9/11/2019	ND	
MW-58	d	Methoxychlor	72-43-5	ug/L	9/11/2019	ND	
MW-55	d	Methoxychlor	72-43-5	ug/L	11/12/2020	JP	0.00675
MW-39	d	Methyl Methacrylate	80-62-6	ug/L	3/11/2013	ND	
MW-31R	d	Methyl Methacrylate	80-62-6	ug/L	9/10/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-32R	d	Methyl Methacrylate	80-62-6	ug/L	9/10/2013	ND	
MW-18	d	Methyl Methacrylate	80-62-6	ug/L	12/18/2013	ND	
MW-20	d	Methyl Methacrylate	80-62-6	ug/L	12/18/2013	ND	
MW-21	d	Methyl Methacrylate	80-62-6	ug/L	12/18/2013	ND	
MW-22R	d	Methyl Methacrylate	80-62-6	ug/L	12/18/2013	ND	
MW-30R	d	Methyl Methacrylate	80-62-6	ug/L	12/18/2013	ND	
MW-18	d	Methyl Methacrylate	80-62-6	ug/L	6/24/2014	ND	
MW-29	d	Methyl Methacrylate	80-62-6	ug/L	7/24/2014	ND	
MW-57	d	Methyl Methacrylate	80-62-6	ug/L	7/24/2014	ND	
MW-58	d	Methyl Methacrylate	80-62-6	ug/L	7/24/2014	ND	
MW-33R	d	Methyl Methacrylate	80-62-6	ug/L	9/24/2014	ND	
MW-50	d	Methyl Methacrylate	80-62-6	ug/L	9/24/2014	ND	
MW-51	d	Methyl Methacrylate	80-62-6	ug/L	9/24/2014	ND	
MW-52	d	Methyl Methacrylate	80-62-6	ug/L	9/24/2014	ND	
MW-53	d	Methyl Methacrylate	80-62-6	ug/L	9/24/2014	ND	
MW-54	d	Methyl Methacrylate	80-62-6	ug/L	9/24/2014	ND	
MW-14R	d	Methyl Methacrylate	80-62-6	ug/L	12/4/2014	ND	
MW-19	d	Methyl Methacrylate	80-62-6	ug/L	12/4/2014	ND	
MW-28	d	Methyl Methacrylate	80-62-6	ug/L	12/4/2014	ND	
MW-56	d	Methyl Methacrylate	80-62-6	ug/L	12/4/2014	ND	
MW-55	d	Methyl Methacrylate	80-62-6	ug/L	3/11/2015	ND	
MW-20	d	Methyl Methacrylate	80-62-6	ug/L	4/3/2018	ND	
MW-21	d	Methyl Methacrylate	80-62-6	ug/L	4/3/2018	ND	
MW-30R	d	Methyl Methacrylate	80-62-6	ug/L	4/3/2018	ND	
MW-31R	d	Methyl Methacrylate	80-62-6	ug/L	4/3/2018	ND	
MW-32R	d	Methyl Methacrylate	80-62-6	ug/L	4/3/2018	ND	
MW-39	d	Methyl Methacrylate	80-62-6	ug/L	11/1/2018	ND	
MW-22R	d	Methyl Methacrylate	80-62-6	ug/L	11/2/2018	ND	
MW-18	d	Methyl Methacrylate	80-62-6	ug/L	5/16/2019	ND	
MW-19	d	Methyl Methacrylate	80-62-6	ug/L	5/16/2019	ND	
MW-28	d	Methyl Methacrylate	80-62-6	ug/L	5/16/2019	ND	
MW-50	d	Methyl Methacrylate	80-62-6	ug/L	5/20/2019	ND	
MW-51	d	Methyl Methacrylate	80-62-6	ug/L	5/20/2019	ND	
MW-52	d	Methyl Methacrylate	80-62-6	ug/L	5/20/2019	ND	
MW-54	d	Methyl Methacrylate	80-62-6	ug/L	5/20/2019	ND	
MW-56	d	Methyl Methacrylate	80-62-6	ug/L	5/20/2019	ND	
MW-53	d	Methyl Methacrylate	80-62-6	ug/L	5/21/2019	ND	
MW-14R	d	Methyl Methacrylate	80-62-6	ug/L	9/11/2019	ND	
MW-29	d	Methyl Methacrylate	80-62-6	ug/L	9/11/2019	ND	
MW-30R	d	Methyl Methacrylate	80-62-6	ug/L	9/11/2019	ND	
MW-33R	d	Methyl Methacrylate	80-62-6	ug/L	9/11/2019	ND	
MW-58	d	Methyl Methacrylate	80-62-6	ug/L	9/11/2019	ND	
MW-55	d	Methyl Methacrylate	80-62-6	ug/L	11/12/2020	ND	
MW-39	d	Methyl Methanesulfonate	66-27-3	ug/L	3/11/2013	ND	
MW-31R	d	Methyl Methanesulfonate	66-27-3	ug/L	9/10/2013	ND	
MW-32R	d	Methyl Methanesulfonate	66-27-3	ug/L	9/10/2013	ND	
MW-18	d	Methyl Methanesulfonate	66-27-3	ug/L	12/18/2013	ND	
MW-20	d	Methyl Methanesulfonate	66-27-3	ug/L	12/18/2013	ND	
MW-21	d	Methyl Methanesulfonate	66-27-3	ug/L	12/18/2013	ND	
MW-22R	d	Methyl Methanesulfonate	66-27-3	ug/L	12/18/2013	ND	
MW-30R	d	Methyl Methanesulfonate	66-27-3	ug/L	12/18/2013	ND	
MW-18	d	Methyl Methanesulfonate	66-27-3	ug/L	6/24/2014	ND	
MW-29	d	Methyl Methanesulfonate	66-27-3	ug/L	7/24/2014	ND	
MW-57	d	Methyl Methanesulfonate	66-27-3	ug/L	7/24/2014	ND	
MW-58	d	Methyl Methanesulfonate	66-27-3	ug/L	7/24/2014	ND	
MW-33R	d	Methyl Methanesulfonate	66-27-3	ug/L	9/24/2014	ND	
MW-50	d	Methyl Methanesulfonate	66-27-3	ug/L	9/24/2014	ND	
MW-51	d	Methyl Methanesulfonate	66-27-3	ug/L	9/24/2014	ND	
MW-52	d	Methyl Methanesulfonate	66-27-3	ug/L	9/24/2014	ND	
MW-53	d	Methyl Methanesulfonate	66-27-3	ug/L	9/24/2014	ND	
MW-54	d	Methyl Methanesulfonate	66-27-3	ug/L	9/24/2014	ND	
MW-14R	d	Methyl Methanesulfonate	66-27-3	ug/L	12/4/2014	ND	
MW-19	d	Methyl Methanesulfonate	66-27-3	ug/L	12/4/2014	ND	
MW-28	d	Methyl Methanesulfonate	66-27-3	ug/L	12/4/2014	ND	
MW-56	d	Methyl Methanesulfonate	66-27-3	ug/L	12/4/2014	ND	
MW-55	d	Methyl Methanesulfonate	66-27-3	ug/L	3/11/2015	ND	
MW-20	d	Methyl Methanesulfonate	66-27-3	ug/L	4/3/2018	ND	
MW-21	d	Methyl Methanesulfonate	66-27-3	ug/L	4/3/2018	ND	
MW-30R	d	Methyl Methanesulfonate	66-27-3	ug/L	4/3/2018	ND	
MW-31R	d	Methyl Methanesulfonate	66-27-3	ug/L	4/3/2018	ND	
MW-32R	d	Methyl Methanesulfonate	66-27-3	ug/L	4/3/2018	ND	
MW-39	d	Methyl Methanesulfonate	66-27-3	ug/L	11/1/2018	ND	
MW-22R	d	Methyl Methanesulfonate	66-27-3	ug/L	11/2/2018	ND	
MW-18	d	Methyl Methanesulfonate	66-27-3	ug/L	5/16/2019	ND	
MW-19	d	Methyl Methanesulfonate	66-27-3	ug/L	5/16/2019	ND	
MW-28	d	Methyl Methanesulfonate	66-27-3	ug/L	5/16/2019	ND	
MW-50	d	Methyl Methanesulfonate	66-27-3	ug/L	5/20/2019	ND	
MW-51	d	Methyl Methanesulfonate	66-27-3	ug/L	5/20/2019	ND	
MW-52	d	Methyl Methanesulfonate	66-27-3	ug/L	5/20/2019	ND	
MW-53	d	Methyl Methanesulfonate	66-27-3	ug/L	5/20/2019	ND	
MW-54	d	Methyl Methanesulfonate	66-27-3	ug/L	5/20/2019	ND	
MW-56	d	Methyl Methanesulfonate	66-27-3	ug/L	5/20/2019	ND	
MW-14R	d	Methyl Methanesulfonate	66-27-3	ug/L	9/11/2019	ND	
MW-29	d	Methyl Methanesulfonate	66-27-3	ug/L	9/11/2019	ND	
MW-33R	d	Methyl Methanesulfonate	66-27-3	ug/L	9/11/2019	ND	
MW-58	d	Methyl Methanesulfonate	66-27-3	ug/L	9/11/2019	ND	
MW-55	d	Methyl Methanesulfonate	66-27-3	ug/L	11/12/2020	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-51	d	Methylene Bromide	74-95-3	ug/L	1/15/2010	ND	
MW-24R	u	Methylene Bromide	74-95-3	ug/L	2/11/2010	ND	
MW-53	d	Methylene Bromide	74-95-3	ug/L	2/11/2010	ND	
GU-3A	d	Methylene Bromide	74-95-3	ug/L	3/24/2010	ND	
MW-20	d	Methylene Bromide	74-95-3	ug/L	3/24/2010	ND	
MW-21	d	Methylene Bromide	74-95-3	ug/L	3/24/2010	ND	
MW-22R	d	Methylene Bromide	74-95-3	ug/L	3/24/2010	ND	
MW-52	d	Methylene Bromide	74-95-3	ug/L	3/24/2010	ND	
MW-54	d	Methylene Bromide	74-95-3	ug/L	3/24/2010	ND	
MW-55	d	Methylene Bromide	74-95-3	ug/L	3/24/2010	ND	
MW-28	d	Methylene Bromide	74-95-3	ug/L	4/9/2010	ND	
MW-33R	d	Methylene Bromide	74-95-3	ug/L	4/9/2010	ND	
MW-50	d	Methylene Bromide	74-95-3	ug/L	4/9/2010	ND	
MW-56	d	Methylene Bromide	74-95-3	ug/L	4/9/2010	ND	
MW-57	d	Methylene Bromide	74-95-3	ug/L	4/9/2010	ND	
MW-58	d	Methylene Bromide	74-95-3	ug/L	4/9/2010	ND	
MW-32R	d	Methylene Bromide	74-95-3	ug/L	5/18/2010	ND	
MW-14R	d	Methylene Bromide	74-95-3	ug/L	6/17/2010	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	6/17/2010	ND	
MW-29	d	Methylene Bromide	74-95-3	ug/L	6/17/2010	ND	
MW-30R	d	Methylene Bromide	74-95-3	ug/L	6/17/2010	ND	
MW-31R	d	Methylene Bromide	74-95-3	ug/L	6/17/2010	ND	
MW-51	d	Methylene Bromide	74-95-3	ug/L	6/17/2010	ND	
MW-21	d	Methylene Bromide	74-95-3	ug/L	7/21/2010	ND	
MW-54	d	Methylene Bromide	74-95-3	ug/L	7/21/2010	ND	
MW-20	d	Methylene Bromide	74-95-3	ug/L	8/17/2010	ND	
MW-29	d	Methylene Bromide	74-95-3	ug/L	8/17/2010	ND	
MW-39	d	Methylene Bromide	74-95-3	ug/L	8/17/2010	ND	
MW-51	d	Methylene Bromide	74-95-3	ug/L	8/17/2010	ND	
GU-3A	d	Methylene Bromide	74-95-3	ug/L	9/17/2010	ND	
MW-22R	d	Methylene Bromide	74-95-3	ug/L	9/17/2010	ND	
MW-55	d	Methylene Bromide	74-95-3	ug/L	9/17/2010	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	10/22/2010	ND	
MW-24R	u	Methylene Bromide	74-95-3	ug/L	10/22/2010	ND	
MW-30R	d	Methylene Bromide	74-95-3	ug/L	10/22/2010	ND	
MW-31R	d	Methylene Bromide	74-95-3	ug/L	10/22/2010	ND	
MW-50	d	Methylene Bromide	74-95-3	ug/L	10/22/2010	ND	
MW-53	d	Methylene Bromide	74-95-3	ug/L	10/22/2010	ND	
MW-56	d	Methylene Bromide	74-95-3	ug/L	10/22/2010	ND	
MW-58	d	Methylene Bromide	74-95-3	ug/L	10/22/2010	ND	
MW-14R	d	Methylene Bromide	74-95-3	ug/L	11/8/2010	ND	
MW-32R	d	Methylene Bromide	74-95-3	ug/L	11/8/2010	ND	
MW-57	d	Methylene Bromide	74-95-3	ug/L	11/8/2010	ND	
MW-28	d	Methylene Bromide	74-95-3	ug/L	12/15/2010	ND	
MW-33R	d	Methylene Bromide	74-95-3	ug/L	12/15/2010	ND	
MW-52	d	Methylene Bromide	74-95-3	ug/L	12/15/2010	ND	
MW-54	d	Methylene Bromide	74-95-3	ug/L	1/12/2011	ND	
MW-54	d	Methylene Bromide	74-95-3	ug/L	1/12/2011	ND	
MW-20	d	Methylene Bromide	74-95-3	ug/L	2/22/2011	ND	
MW-22R	d	Methylene Bromide	74-95-3	ug/L	2/22/2011	ND	
MW-51	d	Methylene Bromide	74-95-3	ug/L	2/22/2011	ND	
MW-52	d	Methylene Bromide	74-95-3	ug/L	2/22/2011	ND	
MW-53	d	Methylene Bromide	74-95-3	ug/L	2/22/2011	ND	
MW-55	d	Methylene Bromide	74-95-3	ug/L	2/22/2011	ND	
GU-3A	d	Methylene Bromide	74-95-3	ug/L	3/2/2011	ND	
MW-21	d	Methylene Bromide	74-95-3	ug/L	3/2/2011	ND	
MW-21	d	Methylene Bromide	74-95-3	ug/L	3/2/2011	ND	
MW-29	d	Methylene Bromide	74-95-3	ug/L	4/21/2011	ND	
MW-30R	d	Methylene Bromide	74-95-3	ug/L	4/21/2011	ND	
MW-31R	d	Methylene Bromide	74-95-3	ug/L	4/21/2011	ND	
MW-31R	d	Methylene Bromide	74-95-3	ug/L	4/21/2011	ND	
MW-32R	d	Methylene Bromide	74-95-3	ug/L	4/21/2011	ND	
MW-54	d	Methylene Bromide	74-95-3	ug/L	5/31/2011	ND	
MW-56	d	Methylene Bromide	74-95-3	ug/L	5/31/2011	ND	
MW-57	d	Methylene Bromide	74-95-3	ug/L	5/31/2011	ND	
MW-58	d	Methylene Bromide	74-95-3	ug/L	5/31/2011	ND	
MW-14R	d	Methylene Bromide	74-95-3	ug/L	6/7/2011	ND	
MW-14R	d	Methylene Bromide	74-95-3	ug/L	6/7/2011	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	6/7/2011	ND	
MW-28	d	Methylene Bromide	74-95-3	ug/L	6/7/2011	ND	
MW-33R	d	Methylene Bromide	74-95-3	ug/L	6/7/2011	ND	
MW-39	d	Methylene Bromide	74-95-3	ug/L	6/7/2011	ND	
MW-50	d	Methylene Bromide	74-95-3	ug/L	6/7/2011	ND	
MW-52	d	Methylene Bromide	74-95-3	ug/L	7/22/2011	ND	
MW-56	d	Methylene Bromide	74-95-3	ug/L	7/22/2011	ND	
MW-58	d	Methylene Bromide	74-95-3	ug/L	7/22/2011	ND	
MW-14R	d	Methylene Bromide	74-95-3	ug/L	8/29/2011	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	8/29/2011	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	8/29/2011	ND	
MW-32R	d	Methylene Bromide	74-95-3	ug/L	8/29/2011	ND	
GU-3A	d	Methylene Bromide	74-95-3	ug/L	9/9/2011	ND	
MW-22R	d	Methylene Bromide	74-95-3	ug/L	9/9/2011	ND	
MW-28	d	Methylene Bromide	74-95-3	ug/L	9/9/2011	ND	
MW-29	d	Methylene Bromide	74-95-3	ug/L	9/9/2011	ND	
MW-51	d	Methylene Bromide	74-95-3	ug/L	9/9/2011	ND	
MW-53	d	Methylene Bromide	74-95-3	ug/L	9/9/2011	ND	
MW-53	d	Methylene Bromide	74-95-3	ug/L	9/9/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-21	d	Methylene Bromide	74-95-3	ug/L	10/4/2011	ND	
MW-50	d	Methylene Bromide	74-95-3	ug/L	10/4/2011	ND	
MW-50	d	Methylene Bromide	74-95-3	ug/L	10/4/2011	ND	
MW-54	d	Methylene Bromide	74-95-3	ug/L	10/4/2011	ND	
MW-57	d	Methylene Bromide	74-95-3	ug/L	10/4/2011	ND	
MW-20	d	Methylene Bromide	74-95-3	ug/L	11/29/2011	ND	
MW-30R	d	Methylene Bromide	74-95-3	ug/L	11/29/2011	ND	
MW-52	d	Methylene Bromide	74-95-3	ug/L	11/29/2011	ND	
MW-55	d	Methylene Bromide	74-95-3	ug/L	11/29/2011	ND	
MW-31R	d	Methylene Bromide	74-95-3	ug/L	12/16/2011	ND	
MW-33R	d	Methylene Bromide	74-95-3	ug/L	12/16/2011	ND	
MW-39	d	Methylene Bromide	74-95-3	ug/L	12/16/2011	ND	
MW-14R	d	Methylene Bromide	74-95-3	ug/L	3/8/2012	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	3/8/2012	ND	
MW-20	d	Methylene Bromide	74-95-3	ug/L	3/8/2012	ND	
MW-21	d	Methylene Bromide	74-95-3	ug/L	3/8/2012	ND	
MW-22R	d	Methylene Bromide	74-95-3	ug/L	3/8/2012	ND	
MW-28	d	Methylene Bromide	74-95-3	ug/L	3/8/2012	ND	
MW-39	d	Methylene Bromide	74-95-3	ug/L	3/8/2012	ND	
MW-55	d	Methylene Bromide	74-95-3	ug/L	3/8/2012	ND	
MW-56	d	Methylene Bromide	74-95-3	ug/L	3/8/2012	ND	
MW-57	d	Methylene Bromide	74-95-3	ug/L	3/8/2012	ND	
MW-58	d	Methylene Bromide	74-95-3	ug/L	3/8/2012	ND	
GU-3A	d	Methylene Bromide	74-95-3	ug/L	6/13/2012	ND	
MW-29	d	Methylene Bromide	74-95-3	ug/L	6/13/2012	ND	
MW-30R	d	Methylene Bromide	74-95-3	ug/L	6/13/2012	ND	
MW-31R	d	Methylene Bromide	74-95-3	ug/L	6/13/2012	ND	
MW-32R	d	Methylene Bromide	74-95-3	ug/L	6/13/2012	ND	
MW-33R	d	Methylene Bromide	74-95-3	ug/L	6/13/2012	ND	
MW-50	d	Methylene Bromide	74-95-3	ug/L	6/13/2012	ND	
MW-50	d	Methylene Bromide	74-95-3	ug/L	6/13/2012	ND	
MW-51	d	Methylene Bromide	74-95-3	ug/L	6/13/2012	ND	
MW-52	d	Methylene Bromide	74-95-3	ug/L	6/13/2012	ND	
MW-53	d	Methylene Bromide	74-95-3	ug/L	6/13/2012	ND	
MW-54	d	Methylene Bromide	74-95-3	ug/L	6/13/2012	ND	
GU-3A	d	Methylene Bromide	74-95-3	ug/L	9/4/2012	ND	
MW-20	d	Methylene Bromide	74-95-3	ug/L	9/4/2012	ND	
MW-21	d	Methylene Bromide	74-95-3	ug/L	9/4/2012	ND	
MW-22R	d	Methylene Bromide	74-95-3	ug/L	9/4/2012	ND	
MW-50	d	Methylene Bromide	74-95-3	ug/L	9/4/2012	ND	
MW-51	d	Methylene Bromide	74-95-3	ug/L	9/4/2012	ND	
MW-52	d	Methylene Bromide	74-95-3	ug/L	9/4/2012	ND	
MW-53	d	Methylene Bromide	74-95-3	ug/L	9/4/2012	ND	
MW-54	d	Methylene Bromide	74-95-3	ug/L	9/4/2012	ND	
MW-54	d	Methylene Bromide	74-95-3	ug/L	9/4/2012	ND	
MW-57	d	Methylene Bromide	74-95-3	ug/L	9/4/2012	ND	
MW-58	d	Methylene Bromide	74-95-3	ug/L	9/4/2012	ND	
MW-14R	d	Methylene Bromide	74-95-3	ug/L	12/19/2012	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	12/19/2012	ND	
MW-28	d	Methylene Bromide	74-95-3	ug/L	12/19/2012	ND	
MW-29	d	Methylene Bromide	74-95-3	ug/L	12/19/2012	ND	
MW-30R	d	Methylene Bromide	74-95-3	ug/L	12/19/2012	ND	
MW-31R	d	Methylene Bromide	74-95-3	ug/L	12/19/2012	ND	
MW-32R	d	Methylene Bromide	74-95-3	ug/L	12/19/2012	ND	
MW-33R	d	Methylene Bromide	74-95-3	ug/L	12/19/2012	ND	
MW-33R	d	Methylene Bromide	74-95-3	ug/L	12/19/2012	ND	
MW-39	d	Methylene Bromide	74-95-3	ug/L	12/19/2012	ND	
MW-55	d	Methylene Bromide	74-95-3	ug/L	12/19/2012	ND	
MW-56	d	Methylene Bromide	74-95-3	ug/L	12/19/2012	ND	
MW-14R	d	Methylene Bromide	74-95-3	ug/L	3/11/2013	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	3/11/2013	ND	
MW-28	d	Methylene Bromide	74-95-3	ug/L	3/11/2013	ND	
MW-39	d	Methylene Bromide	74-95-3	ug/L	3/11/2013	ND	
MW-50	d	Methylene Bromide	74-95-3	ug/L	3/11/2013	ND	
MW-50	d	Methylene Bromide	74-95-3	ug/L	3/11/2013	ND	
MW-51	d	Methylene Bromide	74-95-3	ug/L	3/11/2013	ND	
MW-52	d	Methylene Bromide	74-95-3	ug/L	3/11/2013	ND	
MW-53	d	Methylene Bromide	74-95-3	ug/L	3/11/2013	ND	
MW-54	d	Methylene Bromide	74-95-3	ug/L	3/11/2013	ND	
MW-55	d	Methylene Bromide	74-95-3	ug/L	3/11/2013	ND	
MW-56	d	Methylene Bromide	74-95-3	ug/L	3/11/2013	ND	
MW-20	d	Methylene Bromide	74-95-3	ug/L	6/10/2013	ND	
MW-20	d	Methylene Bromide	74-95-3	ug/L	6/10/2013	ND	
MW-21	d	Methylene Bromide	74-95-3	ug/L	6/10/2013	ND	
MW-22R	d	Methylene Bromide	74-95-3	ug/L	6/10/2013	ND	
MW-29	d	Methylene Bromide	74-95-3	ug/L	6/10/2013	ND	
MW-30R	d	Methylene Bromide	74-95-3	ug/L	6/10/2013	ND	
MW-31R	d	Methylene Bromide	74-95-3	ug/L	6/10/2013	ND	
MW-32R	d	Methylene Bromide	74-95-3	ug/L	6/10/2013	ND	
MW-33R	d	Methylene Bromide	74-95-3	ug/L	6/10/2013	ND	
MW-57	d	Methylene Bromide	74-95-3	ug/L	6/10/2013	ND	
MW-58	d	Methylene Bromide	74-95-3	ug/L	6/10/2013	ND	
GU-3A	d	Methylene Bromide	74-95-3	ug/L	9/10/2013	ND	
MW-31R	d	Methylene Bromide	74-95-3	ug/L	9/10/2013	ND	
MW-31R	d	Methylene Bromide	74-95-3	ug/L	9/10/2013	ND	
MW-32R	d	Methylene Bromide	74-95-3	ug/L	9/10/2013	ND	
MW-33R	d	Methylene Bromide	74-95-3	ug/L	9/10/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	Methylene Bromide	74-95-3	ug/L	9/10/2013	ND	
MW-51	d	Methylene Bromide	74-95-3	ug/L	9/10/2013	ND	
MW-52	d	Methylene Bromide	74-95-3	ug/L	9/10/2013	ND	
MW-53	d	Methylene Bromide	74-95-3	ug/L	9/10/2013	ND	
MW-54	d	Methylene Bromide	74-95-3	ug/L	9/10/2013	ND	
MW-14R	d	Methylene Bromide	74-95-3	ug/L	12/18/2013	ND	
MW-18	d	Methylene Bromide	74-95-3	ug/L	12/18/2013	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	12/18/2013	ND	
MW-20	d	Methylene Bromide	74-95-3	ug/L	12/18/2013	ND	
MW-21	d	Methylene Bromide	74-95-3	ug/L	12/18/2013	ND	
MW-22R	d	Methylene Bromide	74-95-3	ug/L	12/18/2013	ND	
MW-28	d	Methylene Bromide	74-95-3	ug/L	12/18/2013	ND	
MW-30R	d	Methylene Bromide	74-95-3	ug/L	12/18/2013	ND	
MW-39	d	Methylene Bromide	74-95-3	ug/L	12/18/2013	ND	
MW-39	d	Methylene Bromide	74-95-3	ug/L	12/18/2013	ND	
MW-55	d	Methylene Bromide	74-95-3	ug/L	12/18/2013	ND	
MW-18	d	Methylene Bromide	74-95-3	ug/L	3/20/2014	ND	
MW-20	d	Methylene Bromide	74-95-3	ug/L	3/20/2014	ND	
MW-21	d	Methylene Bromide	74-95-3	ug/L	3/20/2014	ND	
MW-21	d	Methylene Bromide	74-95-3	ug/L	3/20/2014	ND	
MW-22R	d	Methylene Bromide	74-95-3	ug/L	3/20/2014	ND	
MW-30R	d	Methylene Bromide	74-95-3	ug/L	3/20/2014	ND	
MW-31R	d	Methylene Bromide	74-95-3	ug/L	3/20/2014	ND	
MW-32R	d	Methylene Bromide	74-95-3	ug/L	3/20/2014	ND	
MW-33R	d	Methylene Bromide	74-95-3	ug/L	3/20/2014	ND	
MW-14R	d	Methylene Bromide	74-95-3	ug/L	6/24/2014	ND	
MW-14R	d	Methylene Bromide	74-95-3	ug/L	6/24/2014	ND	
MW-18	d	Methylene Bromide	74-95-3	ug/L	6/24/2014	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	6/24/2014	ND	
MW-28	d	Methylene Bromide	74-95-3	ug/L	6/24/2014	ND	
MW-39	d	Methylene Bromide	74-95-3	ug/L	6/24/2014	ND	
MW-50	d	Methylene Bromide	74-95-3	ug/L	6/24/2014	ND	
MW-51	d	Methylene Bromide	74-95-3	ug/L	6/24/2014	ND	
MW-52	d	Methylene Bromide	74-95-3	ug/L	6/24/2014	ND	
MW-53	d	Methylene Bromide	74-95-3	ug/L	6/24/2014	ND	
MW-54	d	Methylene Bromide	74-95-3	ug/L	6/24/2014	ND	
MW-55	d	Methylene Bromide	74-95-3	ug/L	6/24/2014	ND	
MW-58	d	Methylene Bromide	74-95-3	ug/L	6/24/2014	ND	
MW-29	d	Methylene Bromide	74-95-3	ug/L	7/24/2014	ND	
MW-56	d	Methylene Bromide	74-95-3	ug/L	7/24/2014	ND	
MW-57	d	Methylene Bromide	74-95-3	ug/L	7/24/2014	ND	
GU-3A	d	Methylene Bromide	74-95-3	ug/L	9/24/2014	ND	
MW-18	d	Methylene Bromide	74-95-3	ug/L	9/24/2014	ND	
MW-29	d	Methylene Bromide	74-95-3	ug/L	9/24/2014	ND	
MW-30R	d	Methylene Bromide	74-95-3	ug/L	9/24/2014	ND	
MW-31R	d	Methylene Bromide	74-95-3	ug/L	9/24/2014	ND	
MW-31R	d	Methylene Bromide	74-95-3	ug/L	9/24/2014	ND	
MW-32R	d	Methylene Bromide	74-95-3	ug/L	9/24/2014	ND	
MW-33R	d	Methylene Bromide	74-95-3	ug/L	9/24/2014	ND	
MW-50	d	Methylene Bromide	74-95-3	ug/L	9/24/2014	ND	
MW-51	d	Methylene Bromide	74-95-3	ug/L	9/24/2014	ND	
MW-52	d	Methylene Bromide	74-95-3	ug/L	9/24/2014	ND	
MW-53	d	Methylene Bromide	74-95-3	ug/L	9/24/2014	ND	
MW-54	d	Methylene Bromide	74-95-3	ug/L	9/24/2014	ND	
MW-14R	d	Methylene Bromide	74-95-3	ug/L	12/4/2014	ND	
MW-18	d	Methylene Bromide	74-95-3	ug/L	12/4/2014	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	12/4/2014	ND	
MW-20	d	Methylene Bromide	74-95-3	ug/L	12/4/2014	ND	
MW-21	d	Methylene Bromide	74-95-3	ug/L	12/4/2014	ND	
MW-22R	d	Methylene Bromide	74-95-3	ug/L	12/4/2014	ND	
MW-28	d	Methylene Bromide	74-95-3	ug/L	12/4/2014	ND	
MW-39	d	Methylene Bromide	74-95-3	ug/L	12/4/2014	ND	
MW-56	d	Methylene Bromide	74-95-3	ug/L	12/4/2014	ND	
MW-57	d	Methylene Bromide	74-95-3	ug/L	12/4/2014	ND	
MW-57	d	Methylene Bromide	74-95-3	ug/L	12/4/2014	ND	
MW-58	d	Methylene Bromide	74-95-3	ug/L	12/4/2014	ND	
MW-14R	d	Methylene Bromide	74-95-3	ug/L	3/11/2015	ND	
MW-18	d	Methylene Bromide	74-95-3	ug/L	3/11/2015	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	3/11/2015	ND	
MW-20	d	Methylene Bromide	74-95-3	ug/L	3/11/2015	ND	
MW-21	d	Methylene Bromide	74-95-3	ug/L	3/11/2015	ND	
MW-22R	d	Methylene Bromide	74-95-3	ug/L	3/11/2015	ND	
MW-28	d	Methylene Bromide	74-95-3	ug/L	3/11/2015	ND	
MW-39	d	Methylene Bromide	74-95-3	ug/L	3/11/2015	ND	
MW-55	d	Methylene Bromide	74-95-3	ug/L	3/11/2015	ND	
MW-56	d	Methylene Bromide	74-95-3	ug/L	3/11/2015	ND	
MW-57	d	Methylene Bromide	74-95-3	ug/L	3/11/2015	ND	
MW-58	d	Methylene Bromide	74-95-3	ug/L	3/11/2015	ND	
MW-58	d	Methylene Bromide	74-95-3	ug/L	3/11/2015	ND	
MW-29	d	Methylene Bromide	74-95-3	ug/L	6/29/2015	ND	
MW-30R	d	Methylene Bromide	74-95-3	ug/L	6/29/2015	ND	
MW-31R	d	Methylene Bromide	74-95-3	ug/L	6/29/2015	ND	
MW-31R	d	Methylene Bromide	74-95-3	ug/L	6/29/2015	ND	
MW-32R	d	Methylene Bromide	74-95-3	ug/L	6/29/2015	ND	
MW-33R	d	Methylene Bromide	74-95-3	ug/L	6/29/2015	ND	
MW-50	d	Methylene Bromide	74-95-3	ug/L	6/29/2015	ND	
MW-51	d	Methylene Bromide	74-95-3	ug/L	6/29/2015	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-52	d	Methylene Bromide	74-95-3	ug/L	6/29/2015	ND	
MW-53	d	Methylene Bromide	74-95-3	ug/L	6/29/2015	ND	
MW-54	d	Methylene Bromide	74-95-3	ug/L	6/29/2015	ND	
GU-3A	d	Methylene Bromide	74-95-3	ug/L	9/22/2015	ND	
MW-14R	d	Methylene Bromide	74-95-3	ug/L	2/15/2016	ND	
MW-14R	d	Methylene Bromide	74-95-3	ug/L	2/15/2016	ND	
MW-18	d	Methylene Bromide	74-95-3	ug/L	2/15/2016	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	2/15/2016	ND	
MW-39	d	Methylene Bromide	74-95-3	ug/L	2/15/2016	ND	
MW-20	d	Methylene Bromide	74-95-3	ug/L	2/16/2016	ND	
MW-21	d	Methylene Bromide	74-95-3	ug/L	2/16/2016	ND	
MW-55	d	Methylene Bromide	74-95-3	ug/L	2/16/2016	ND	
MW-56	d	Methylene Bromide	74-95-3	ug/L	2/16/2016	ND	
MW-57	d	Methylene Bromide	74-95-3	ug/L	2/16/2016	ND	
MW-58	d	Methylene Bromide	74-95-3	ug/L	2/16/2016	ND	
MW-22R	d	Methylene Bromide	74-95-3	ug/L	2/17/2016	ND	
MW-28	d	Methylene Bromide	74-95-3	ug/L	8/25/2016	ND	
MW-29	d	Methylene Bromide	74-95-3	ug/L	8/25/2016	ND	
MW-30R	d	Methylene Bromide	74-95-3	ug/L	8/25/2016	ND	
MW-31R	d	Methylene Bromide	74-95-3	ug/L	8/25/2016	ND	
MW-32R	d	Methylene Bromide	74-95-3	ug/L	8/25/2016	ND	
MW-33R	d	Methylene Bromide	74-95-3	ug/L	8/25/2016	ND	
MW-50	d	Methylene Bromide	74-95-3	ug/L	8/25/2016	ND	
MW-51	d	Methylene Bromide	74-95-3	ug/L	8/25/2016	ND	
MW-52	d	Methylene Bromide	74-95-3	ug/L	8/25/2016	ND	
MW-53	d	Methylene Bromide	74-95-3	ug/L	8/25/2016	ND	
MW-54	d	Methylene Bromide	74-95-3	ug/L	8/25/2016	ND	
GU-3A	d	Methylene Bromide	74-95-3	ug/L	8/26/2016	ND	
MW-18	d	Methylene Bromide	74-95-3	ug/L	1/17/2017	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	1/17/2017	ND	
MW-22R	d	Methylene Bromide	74-95-3	ug/L	1/17/2017	ND	
MW-28	d	Methylene Bromide	74-95-3	ug/L	1/17/2017	ND	
MW-28	d	Methylene Bromide	74-95-3	ug/L	1/17/2017	ND	
MW-39	d	Methylene Bromide	74-95-3	ug/L	1/17/2017	ND	
MW-50	d	Methylene Bromide	74-95-3	ug/L	1/17/2017	ND	
MW-51	d	Methylene Bromide	74-95-3	ug/L	1/17/2017	ND	
MW-53	d	Methylene Bromide	74-95-3	ug/L	1/17/2017	ND	
MW-54	d	Methylene Bromide	74-95-3	ug/L	1/17/2017	ND	
MW-56	d	Methylene Bromide	74-95-3	ug/L	1/17/2017	ND	
GU-3A	d	Methylene Bromide	74-95-3	ug/L	7/10/2017	ND	
MW-14R	d	Methylene Bromide	74-95-3	ug/L	7/10/2017	ND	
MW-20	d	Methylene Bromide	74-95-3	ug/L	7/10/2017	ND	
MW-21	d	Methylene Bromide	74-95-3	ug/L	7/10/2017	ND	
MW-29	d	Methylene Bromide	74-95-3	ug/L	7/10/2017	ND	
MW-30R	d	Methylene Bromide	74-95-3	ug/L	7/10/2017	ND	
MW-31R	d	Methylene Bromide	74-95-3	ug/L	7/10/2017	ND	
MW-32R	d	Methylene Bromide	74-95-3	ug/L	7/10/2017	ND	
MW-32R	d	Methylene Bromide	74-95-3	ug/L	7/10/2017	ND	
MW-33R	d	Methylene Bromide	74-95-3	ug/L	7/10/2017	ND	
MW-57	d	Methylene Bromide	74-95-3	ug/L	7/10/2017	ND	
MW-58	d	Methylene Bromide	74-95-3	ug/L	7/10/2017	ND	
MW-52	d	Methylene Bromide	74-95-3	ug/L	10/17/2017	ND	
MW-55	d	Methylene Bromide	74-95-3	ug/L	10/17/2017	ND	
GU-3A	d	Methylene Bromide	74-95-3	ug/L	4/3/2018	ND	
GU-3A	d	Methylene Bromide	74-95-3	ug/L	4/3/2018	ND	
MW-14R	d	Methylene Bromide	74-95-3	ug/L	4/3/2018	ND	
MW-20	d	Methylene Bromide	74-95-3	ug/L	4/3/2018	ND	
MW-21	d	Methylene Bromide	74-95-3	ug/L	4/3/2018	ND	
MW-29	d	Methylene Bromide	74-95-3	ug/L	4/3/2018	ND	
MW-30R	d	Methylene Bromide	74-95-3	ug/L	4/3/2018	ND	
MW-31R	d	Methylene Bromide	74-95-3	ug/L	4/3/2018	ND	
MW-32R	d	Methylene Bromide	74-95-3	ug/L	4/3/2018	ND	
MW-33R	d	Methylene Bromide	74-95-3	ug/L	4/3/2018	ND	
MW-33R	d	Methylene Bromide	74-95-3	ug/L	4/3/2018	ND	
MW-57	d	Methylene Bromide	74-95-3	ug/L	4/3/2018	ND	
MW-58	d	Methylene Bromide	74-95-3	ug/L	4/3/2018	ND	
MW-39	d	Methylene Bromide	74-95-3	ug/L	11/1/2018	ND	
MW-50	d	Methylene Bromide	74-95-3	ug/L	11/1/2018	ND	
MW-51	d	Methylene Bromide	74-95-3	ug/L	11/1/2018	ND	
MW-52	d	Methylene Bromide	74-95-3	ug/L	11/1/2018	ND	
MW-53	d	Methylene Bromide	74-95-3	ug/L	11/1/2018	ND	
MW-54	d	Methylene Bromide	74-95-3	ug/L	11/1/2018	ND	
MW-55	d	Methylene Bromide	74-95-3	ug/L	11/1/2018	ND	
MW-18	d	Methylene Bromide	74-95-3	ug/L	11/2/2018	NDF2	
MW-19	d	Methylene Bromide	74-95-3	ug/L	11/2/2018	ND	
MW-22R	d	Methylene Bromide	74-95-3	ug/L	11/2/2018	ND	
MW-28	d	Methylene Bromide	74-95-3	ug/L	11/2/2018	ND	
MW-56	d	Methylene Bromide	74-95-3	ug/L	11/2/2018	NDH	
MW-18	d	Methylene Bromide	74-95-3	ug/L	5/16/2019	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	5/16/2019	ND	
MW-23	u	Methylene Bromide	74-95-3	ug/L	5/16/2019	ND	
MW-24R	u	Methylene Bromide	74-95-3	ug/L	5/16/2019	ND	
MW-28	d	Methylene Bromide	74-95-3	ug/L	5/16/2019	ND	
MW-55	d	Methylene Bromide	74-95-3	ug/L	5/16/2019	ND	
MW-50	d	Methylene Bromide	74-95-3	ug/L	5/20/2019	ND	
MW-51	d	Methylene Bromide	74-95-3	ug/L	5/20/2019	ND	
MW-52	d	Methylene Bromide	74-95-3	ug/L	5/20/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-54	d	Methylene Bromide	74-95-3	ug/L	5/20/2019	ND	
MW-56	d	Methylene Bromide	74-95-3	ug/L	5/20/2019	ND	
MW-53	d	Methylene Bromide	74-95-3	ug/L	5/21/2019	ND	
MW-14R	d	Methylene Bromide	74-95-3	ug/L	9/11/2019	ND	
MW-29	d	Methylene Bromide	74-95-3	ug/L	9/11/2019	ND	
MW-30R	d	Methylene Bromide	74-95-3	ug/L	9/11/2019	ND	
MW-33R	d	Methylene Bromide	74-95-3	ug/L	9/11/2019	ND	
MW-58	d	Methylene Bromide	74-95-3	ug/L	9/11/2019	ND	
GU-3A	d	Methylene Bromide	74-95-3	ug/L	3/16/2020	ND	
MW-33R	d	Methylene Bromide	74-95-3	ug/L	3/16/2020	ND	
MW-14R	d	Methylene Bromide	74-95-3	ug/L	3/17/2020	ND	
MW-29	d	Methylene Bromide	74-95-3	ug/L	3/17/2020	ND	
MW-30R	d	Methylene Bromide	74-95-3	ug/L	3/17/2020	ND	
MW-58	d	Methylene Bromide	74-95-3	ug/L	3/17/2020	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	7/20/2020	ND	
MW-28	d	Methylene Bromide	74-95-3	ug/L	7/20/2020	ND	
MW-51	d	Methylene Bromide	74-95-3	ug/L	7/20/2020	ND	
MW-55	d	Methylene Bromide	74-95-3	ug/L	7/20/2020	ND	
MW-56	d	Methylene Bromide	74-95-3	ug/L	7/20/2020	ND	
MW-57R	d	Methylene Bromide	74-95-3	ug/L	7/20/2020	ND	
MW-73	d	Methylene Bromide	74-95-3	ug/L	7/20/2020	ND	
MW-18	d	Methylene Bromide	74-95-3	ug/L	7/21/2020	ND	
MW-50	d	Methylene Bromide	74-95-3	ug/L	7/21/2020	ND	
MW-52	d	Methylene Bromide	74-95-3	ug/L	7/21/2020	ND	
MW-53	d	Methylene Bromide	74-95-3	ug/L	7/21/2020	ND	
MW-54	d	Methylene Bromide	74-95-3	ug/L	7/21/2020	ND	
MW-23	u	Methylene Bromide	74-95-3	ug/L	7/22/2020	ND	
MW-24R	u	Methylene Bromide	74-95-3	ug/L	7/22/2020	ND	
MW-55	d	Methylene Bromide	74-95-3	ug/L	11/12/2020	ND	
MW-33R	d	Methylene Bromide	74-95-3	ug/L	8/24/2021		<1.00
MW-14R	d	Methylene Bromide	74-95-3	ug/L	8/24/2021		<1.00
MW-29	d	Methylene Bromide	74-95-3	ug/L	8/25/2021		<1.00
MW-58	d	Methylene Bromide	74-95-3	ug/L	8/25/2021		<1.00
MW-30R	d	Methylene Bromide	74-95-3	ug/L	8/25/2021		<1.00
MW-68	d	Methylene Bromide	74-95-3	ug/L	8/25/2021		<1.00
MW-69	d	Methylene Bromide	74-95-3	ug/L	8/25/2021		<1.00
MW-70	d	Methylene Bromide	74-95-3	ug/L	8/26/2021		<1.00
MW-57R	d	Methylene Bromide	74-95-3	ug/L	8/26/2021		<1.00
PZ-13	d	Methylene Bromide	74-95-3	ug/L	8/27/2021		<1.00
MW-73	d	Methylene Bromide	74-95-3	ug/L	8/27/2021		<1.00
GU-3A	d	Methylene Bromide	74-95-3	ug/L	9/8/2021		<1.00
MW-24R	u	Methylene Bromide	74-95-3	ug/L	12/7/2021		<1.00
MW-28	d	Methylene Bromide	74-95-3	ug/L	12/7/2021		<1.00
MW-57R	d	Methylene Bromide	74-95-3	ug/L	12/7/2021		<1.00
MW-73	d	Methylene Bromide	74-95-3	ug/L	12/7/2021		<1.00
MW-56	d	Methylene Bromide	74-95-3	ug/L	12/7/2021		<1.00
MW-19	d	Methylene Bromide	74-95-3	ug/L	12/7/2021		<1.00
MW-18	d	Methylene Bromide	74-95-3	ug/L	12/7/2021		<1.00
MW-55	d	Methylene Bromide	74-95-3	ug/L	12/7/2021		<1.00
MW-50	d	Methylene Bromide	74-95-3	ug/L	12/7/2021		<1.00
MW-23	u	Methylene Bromide	74-95-3	ug/L	12/8/2021		<1.00
MW-39	d	Methylene Bromide	74-95-3	ug/L	12/8/2021		<1.00
MW-51	d	Methylene Bromide	74-95-3	ug/L	12/8/2021		<1.00
MW-52	d	Methylene Bromide	74-95-3	ug/L	12/8/2021		<1.00
MW-53	d	Methylene Bromide	74-95-3	ug/L	12/8/2021		<1.00
MW-54	d	Methylene Bromide	74-95-3	ug/L	12/8/2021		<1.00
MW-51	d	Methylene Chloride	75-09-2	ug/L	1/15/2010	ND	
MW-24R	u	Methylene Chloride	75-09-2	ug/L	2/11/2010	ND	
MW-53	d	Methylene Chloride	75-09-2	ug/L	2/11/2010	ND	
GU-3A	d	Methylene Chloride	75-09-2	ug/L	3/24/2010	ND	
MW-20	d	Methylene Chloride	75-09-2	ug/L	3/24/2010	ND	
MW-21	d	Methylene Chloride	75-09-2	ug/L	3/24/2010	ND	
MW-22R	d	Methylene Chloride	75-09-2	ug/L	3/24/2010	ND	
MW-52	d	Methylene Chloride	75-09-2	ug/L	3/24/2010	ND	
MW-54	d	Methylene Chloride	75-09-2	ug/L	3/24/2010	ND	
MW-55	d	Methylene Chloride	75-09-2	ug/L	3/24/2010	ND	
MW-28	d	Methylene Chloride	75-09-2	ug/L	4/9/2010	ND	
MW-33R	d	Methylene Chloride	75-09-2	ug/L	4/9/2010	ND	
MW-50	d	Methylene Chloride	75-09-2	ug/L	4/9/2010	ND	
MW-56	d	Methylene Chloride	75-09-2	ug/L	4/9/2010	ND	
MW-57	d	Methylene Chloride	75-09-2	ug/L	4/9/2010	ND	
MW-58	d	Methylene Chloride	75-09-2	ug/L	4/9/2010	ND	
MW-32R	d	Methylene Chloride	75-09-2	ug/L	5/18/2010	ND	
MW-14R	d	Methylene Chloride	75-09-2	ug/L	6/17/2010	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	6/17/2010	ND	
MW-29	d	Methylene Chloride	75-09-2	ug/L	6/17/2010	ND	
MW-30R	d	Methylene Chloride	75-09-2	ug/L	6/17/2010	ND	
MW-31R	d	Methylene Chloride	75-09-2	ug/L	6/17/2010	ND	
MW-51	d	Methylene Chloride	75-09-2	ug/L	6/17/2010	ND	
MW-21	d	Methylene Chloride	75-09-2	ug/L	7/21/2010	ND	
MW-54	d	Methylene Chloride	75-09-2	ug/L	7/21/2010	ND	
MW-20	d	Methylene Chloride	75-09-2	ug/L	8/17/2010	ND	
MW-29	d	Methylene Chloride	75-09-2	ug/L	8/17/2010	ND	
MW-39	d	Methylene Chloride	75-09-2	ug/L	8/17/2010	ND	
MW-51	d	Methylene Chloride	75-09-2	ug/L	8/17/2010	ND	
GU-3A	d	Methylene Chloride	75-09-2	ug/L	9/17/2010	ND	
MW-22R	d	Methylene Chloride	75-09-2	ug/L	9/17/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-55	d	Methylene Chloride	75-09-2	ug/L	9/17/2010	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	10/22/2010	ND	
MW-24R	u	Methylene Chloride	75-09-2	ug/L	10/22/2010	ND	
MW-30R	d	Methylene Chloride	75-09-2	ug/L	10/22/2010	ND	
MW-31R	d	Methylene Chloride	75-09-2	ug/L	10/22/2010	ND	
MW-50	d	Methylene Chloride	75-09-2	ug/L	10/22/2010	ND	
MW-53	d	Methylene Chloride	75-09-2	ug/L	10/22/2010	ND	
MW-56	d	Methylene Chloride	75-09-2	ug/L	10/22/2010	ND	
MW-58	d	Methylene Chloride	75-09-2	ug/L	10/22/2010	ND	
MW-14R	d	Methylene Chloride	75-09-2	ug/L	11/8/2010	ND	
MW-32R	d	Methylene Chloride	75-09-2	ug/L	11/8/2010	ND	
MW-57	d	Methylene Chloride	75-09-2	ug/L	11/8/2010	ND	
MW-28	d	Methylene Chloride	75-09-2	ug/L	12/15/2010	ND	
MW-33R	d	Methylene Chloride	75-09-2	ug/L	12/15/2010	ND	
MW-52	d	Methylene Chloride	75-09-2	ug/L	12/15/2010	ND	
MW-54	d	Methylene Chloride	75-09-2	ug/L	1/12/2011	ND	
MW-54	d	Methylene Chloride	75-09-2	ug/L	1/12/2011	ND	
MW-20	d	Methylene Chloride	75-09-2	ug/L	2/22/2011	ND	
MW-22R	d	Methylene Chloride	75-09-2	ug/L	2/22/2011	ND	
MW-51	d	Methylene Chloride	75-09-2	ug/L	2/22/2011	ND	
MW-52	d	Methylene Chloride	75-09-2	ug/L	2/22/2011	ND	
MW-53	d	Methylene Chloride	75-09-2	ug/L	2/22/2011	ND	
MW-55	d	Methylene Chloride	75-09-2	ug/L	2/22/2011	ND	
GU-3A	d	Methylene Chloride	75-09-2	ug/L	3/2/2011	ND	
MW-21	d	Methylene Chloride	75-09-2	ug/L	3/2/2011	ND	
MW-21	d	Methylene Chloride	75-09-2	ug/L	3/2/2011	ND	
MW-29	d	Methylene Chloride	75-09-2	ug/L	4/21/2011	ND	
MW-30R	d	Methylene Chloride	75-09-2	ug/L	4/21/2011	ND	
MW-31R	d	Methylene Chloride	75-09-2	ug/L	4/21/2011	ND	
MW-31R	d	Methylene Chloride	75-09-2	ug/L	4/21/2011	ND	
MW-32R	d	Methylene Chloride	75-09-2	ug/L	4/21/2011	ND	
MW-54	d	Methylene Chloride	75-09-2	ug/L	5/31/2011	ND	
MW-56	d	Methylene Chloride	75-09-2	ug/L	5/31/2011	ND	
MW-57	d	Methylene Chloride	75-09-2	ug/L	5/31/2011	ND	
MW-58	d	Methylene Chloride	75-09-2	ug/L	5/31/2011	ND	
MW-14R	d	Methylene Chloride	75-09-2	ug/L	6/7/2011	ND	
MW-14R	d	Methylene Chloride	75-09-2	ug/L	6/7/2011	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	6/7/2011	ND	
MW-28	d	Methylene Chloride	75-09-2	ug/L	6/7/2011	ND	
MW-33R	d	Methylene Chloride	75-09-2	ug/L	6/7/2011	ND	
MW-39	d	Methylene Chloride	75-09-2	ug/L	6/7/2011	ND	
MW-50	d	Methylene Chloride	75-09-2	ug/L	6/7/2011	ND	
MW-52	d	Methylene Chloride	75-09-2	ug/L	7/22/2011	ND	
MW-56	d	Methylene Chloride	75-09-2	ug/L	7/22/2011	ND	
MW-58	d	Methylene Chloride	75-09-2	ug/L	7/22/2011	ND	
MW-14R	d	Methylene Chloride	75-09-2	ug/L	8/29/2011	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	8/29/2011	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	8/29/2011	ND	
MW-32R	d	Methylene Chloride	75-09-2	ug/L	8/29/2011	ND	
GU-3A	d	Methylene Chloride	75-09-2	ug/L	9/9/2011	ND	
MW-22R	d	Methylene Chloride	75-09-2	ug/L	9/9/2011	ND	
MW-28	d	Methylene Chloride	75-09-2	ug/L	9/9/2011	ND	
MW-29	d	Methylene Chloride	75-09-2	ug/L	9/9/2011	ND	
MW-51	d	Methylene Chloride	75-09-2	ug/L	9/9/2011	ND	
MW-53	d	Methylene Chloride	75-09-2	ug/L	9/9/2011	ND	
MW-53	d	Methylene Chloride	75-09-2	ug/L	9/9/2011	ND	
MW-21	d	Methylene Chloride	75-09-2	ug/L	10/4/2011	ND	
MW-50	d	Methylene Chloride	75-09-2	ug/L	10/4/2011	ND	
MW-50	d	Methylene Chloride	75-09-2	ug/L	10/4/2011	ND	
MW-54	d	Methylene Chloride	75-09-2	ug/L	10/4/2011	ND	
MW-57	d	Methylene Chloride	75-09-2	ug/L	10/4/2011	ND	
MW-20	d	Methylene Chloride	75-09-2	ug/L	11/29/2011	ND	
MW-30R	d	Methylene Chloride	75-09-2	ug/L	11/29/2011	ND	
MW-52	d	Methylene Chloride	75-09-2	ug/L	11/29/2011	ND	
MW-55	d	Methylene Chloride	75-09-2	ug/L	11/29/2011	ND	
MW-31R	d	Methylene Chloride	75-09-2	ug/L	12/16/2011	ND	
MW-33R	d	Methylene Chloride	75-09-2	ug/L	12/16/2011	ND	
MW-39	d	Methylene Chloride	75-09-2	ug/L	12/16/2011	ND	
MW-14R	d	Methylene Chloride	75-09-2	ug/L	3/8/2012	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	3/8/2012	ND	
MW-20	d	Methylene Chloride	75-09-2	ug/L	3/8/2012	ND	
MW-21	d	Methylene Chloride	75-09-2	ug/L	3/8/2012	ND	
MW-22R	d	Methylene Chloride	75-09-2	ug/L	3/8/2012	ND	
MW-28	d	Methylene Chloride	75-09-2	ug/L	3/8/2012	ND	
MW-39	d	Methylene Chloride	75-09-2	ug/L	3/8/2012	ND	
MW-55	d	Methylene Chloride	75-09-2	ug/L	3/8/2012	ND	
MW-56	d	Methylene Chloride	75-09-2	ug/L	3/8/2012	ND	
MW-57	d	Methylene Chloride	75-09-2	ug/L	3/8/2012	ND	
MW-58	d	Methylene Chloride	75-09-2	ug/L	3/8/2012	ND	
GU-3A	d	Methylene Chloride	75-09-2	ug/L	6/13/2012	ND	
MW-29	d	Methylene Chloride	75-09-2	ug/L	6/13/2012	ND	
MW-30R	d	Methylene Chloride	75-09-2	ug/L	6/13/2012	ND	
MW-31R	d	Methylene Chloride	75-09-2	ug/L	6/13/2012	ND	
MW-32R	d	Methylene Chloride	75-09-2	ug/L	6/13/2012	ND	
MW-33R	d	Methylene Chloride	75-09-2	ug/L	6/13/2012	ND	
MW-50	d	Methylene Chloride	75-09-2	ug/L	6/13/2012	ND	
MW-50	d	Methylene Chloride	75-09-2	ug/L	6/13/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-51	d	Methylene Chloride	75-09-2	ug/L	6/13/2012	ND	
MW-52	d	Methylene Chloride	75-09-2	ug/L	6/13/2012	ND	
MW-53	d	Methylene Chloride	75-09-2	ug/L	6/13/2012	ND	
MW-54	d	Methylene Chloride	75-09-2	ug/L	6/13/2012	ND	
GU-3A	d	Methylene Chloride	75-09-2	ug/L	9/4/2012	ND	
MW-20	d	Methylene Chloride	75-09-2	ug/L	9/4/2012	ND	
MW-21	d	Methylene Chloride	75-09-2	ug/L	9/4/2012	ND	
MW-22R	d	Methylene Chloride	75-09-2	ug/L	9/4/2012	ND	
MW-50	d	Methylene Chloride	75-09-2	ug/L	9/4/2012	ND	
MW-51	d	Methylene Chloride	75-09-2	ug/L	9/4/2012	ND	
MW-52	d	Methylene Chloride	75-09-2	ug/L	9/4/2012	ND	
MW-53	d	Methylene Chloride	75-09-2	ug/L	9/4/2012	ND	
MW-54	d	Methylene Chloride	75-09-2	ug/L	9/4/2012	ND	
MW-54	d	Methylene Chloride	75-09-2	ug/L	9/4/2012	ND	
MW-57	d	Methylene Chloride	75-09-2	ug/L	9/4/2012	ND	
MW-58	d	Methylene Chloride	75-09-2	ug/L	9/4/2012	ND	
MW-14R	d	Methylene Chloride	75-09-2	ug/L	12/19/2012	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	12/19/2012	ND	
MW-28	d	Methylene Chloride	75-09-2	ug/L	12/19/2012	ND	
MW-29	d	Methylene Chloride	75-09-2	ug/L	12/19/2012	ND	
MW-30R	d	Methylene Chloride	75-09-2	ug/L	12/19/2012	ND	
MW-31R	d	Methylene Chloride	75-09-2	ug/L	12/19/2012	ND	
MW-32R	d	Methylene Chloride	75-09-2	ug/L	12/19/2012	ND	
MW-33R	d	Methylene Chloride	75-09-2	ug/L	12/19/2012	ND	
MW-33R	d	Methylene Chloride	75-09-2	ug/L	12/19/2012	ND	
MW-39	d	Methylene Chloride	75-09-2	ug/L	12/19/2012	ND	
MW-55	d	Methylene Chloride	75-09-2	ug/L	12/19/2012	ND	
MW-56	d	Methylene Chloride	75-09-2	ug/L	12/19/2012	ND	
MW-14R	d	Methylene Chloride	75-09-2	ug/L	3/11/2013	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	3/11/2013	ND	
MW-28	d	Methylene Chloride	75-09-2	ug/L	3/11/2013	ND	
MW-39	d	Methylene Chloride	75-09-2	ug/L	3/11/2013	ND	
MW-50	d	Methylene Chloride	75-09-2	ug/L	3/11/2013	ND	
MW-50	d	Methylene Chloride	75-09-2	ug/L	3/11/2013	ND	
MW-51	d	Methylene Chloride	75-09-2	ug/L	3/11/2013	ND	
MW-52	d	Methylene Chloride	75-09-2	ug/L	3/11/2013	ND	
MW-53	d	Methylene Chloride	75-09-2	ug/L	3/11/2013	ND	
MW-54	d	Methylene Chloride	75-09-2	ug/L	3/11/2013	ND	
MW-55	d	Methylene Chloride	75-09-2	ug/L	3/11/2013	ND	
MW-56	d	Methylene Chloride	75-09-2	ug/L	3/11/2013	ND	
MW-20	d	Methylene Chloride	75-09-2	ug/L	6/10/2013	ND	
MW-20	d	Methylene Chloride	75-09-2	ug/L	6/10/2013	ND	
MW-21	d	Methylene Chloride	75-09-2	ug/L	6/10/2013	ND	
MW-22R	d	Methylene Chloride	75-09-2	ug/L	6/10/2013	ND	
MW-29	d	Methylene Chloride	75-09-2	ug/L	6/10/2013	ND	
MW-30R	d	Methylene Chloride	75-09-2	ug/L	6/10/2013	ND	
MW-31R	d	Methylene Chloride	75-09-2	ug/L	6/10/2013	ND	
MW-32R	d	Methylene Chloride	75-09-2	ug/L	6/10/2013	ND	
MW-33R	d	Methylene Chloride	75-09-2	ug/L	6/10/2013	ND	
MW-57	d	Methylene Chloride	75-09-2	ug/L	6/10/2013	ND	
MW-58	d	Methylene Chloride	75-09-2	ug/L	6/10/2013	ND	
GU-3A	d	Methylene Chloride	75-09-2	ug/L	9/10/2013	ND	
MW-31R	d	Methylene Chloride	75-09-2	ug/L	9/10/2013	ND	
MW-31R	d	Methylene Chloride	75-09-2	ug/L	9/10/2013	ND	
MW-32R	d	Methylene Chloride	75-09-2	ug/L	9/10/2013	ND	
MW-33R	d	Methylene Chloride	75-09-2	ug/L	9/10/2013	ND	
MW-50	d	Methylene Chloride	75-09-2	ug/L	9/10/2013	ND	
MW-51	d	Methylene Chloride	75-09-2	ug/L	9/10/2013	ND	
MW-52	d	Methylene Chloride	75-09-2	ug/L	9/10/2013	ND	
MW-53	d	Methylene Chloride	75-09-2	ug/L	9/10/2013	ND	
MW-54	d	Methylene Chloride	75-09-2	ug/L	9/10/2013	ND	
MW-14R	d	Methylene Chloride	75-09-2	ug/L	12/18/2013	ND	
MW-18	d	Methylene Chloride	75-09-2	ug/L	12/18/2013	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	12/18/2013	J	0.509
MW-20	d	Methylene Chloride	75-09-2	ug/L	12/18/2013	ND	
MW-21	d	Methylene Chloride	75-09-2	ug/L	12/18/2013	ND	
MW-22R	d	Methylene Chloride	75-09-2	ug/L	12/18/2013	ND	
MW-28	d	Methylene Chloride	75-09-2	ug/L	12/18/2013	ND	
MW-30R	d	Methylene Chloride	75-09-2	ug/L	12/18/2013	ND	
MW-39	d	Methylene Chloride	75-09-2	ug/L	12/18/2013	J	0.322
MW-39	d	Methylene Chloride	75-09-2	ug/L	12/18/2013	ND	
MW-55	d	Methylene Chloride	75-09-2	ug/L	12/18/2013	ND	
MW-18	d	Methylene Chloride	75-09-2	ug/L	3/20/2014	ND	
MW-20	d	Methylene Chloride	75-09-2	ug/L	3/20/2014	ND	
MW-21	d	Methylene Chloride	75-09-2	ug/L	3/20/2014	ND	
MW-21	d	Methylene Chloride	75-09-2	ug/L	3/20/2014	ND	
MW-22R	d	Methylene Chloride	75-09-2	ug/L	3/20/2014	ND	
MW-30R	d	Methylene Chloride	75-09-2	ug/L	3/20/2014	ND	
MW-31R	d	Methylene Chloride	75-09-2	ug/L	3/20/2014	ND	
MW-32R	d	Methylene Chloride	75-09-2	ug/L	3/20/2014	ND	
MW-33R	d	Methylene Chloride	75-09-2	ug/L	3/20/2014	ND	
MW-14R	d	Methylene Chloride	75-09-2	ug/L	6/24/2014	ND	
MW-14R	d	Methylene Chloride	75-09-2	ug/L	6/24/2014	ND	
MW-18	d	Methylene Chloride	75-09-2	ug/L	6/24/2014	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	6/24/2014	ND	
MW-28	d	Methylene Chloride	75-09-2	ug/L	6/24/2014	ND	
MW-39	d	Methylene Chloride	75-09-2	ug/L	6/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	Methylene Chloride	75-09-2	ug/L	6/24/2014	J	0.187
MW-51	d	Methylene Chloride	75-09-2	ug/L	6/24/2014	J	0.31
MW-52	d	Methylene Chloride	75-09-2	ug/L	6/24/2014	ND	
MW-53	d	Methylene Chloride	75-09-2	ug/L	6/24/2014	J	0.266
MW-54	d	Methylene Chloride	75-09-2	ug/L	6/24/2014	ND	
MW-55	d	Methylene Chloride	75-09-2	ug/L	6/24/2014	J	0.558
MW-58	d	Methylene Chloride	75-09-2	ug/L	6/24/2014	ND	
MW-29	d	Methylene Chloride	75-09-2	ug/L	7/24/2014	J	1.57
MW-56	d	Methylene Chloride	75-09-2	ug/L	7/24/2014	J	0.639
MW-57	d	Methylene Chloride	75-09-2	ug/L	7/24/2014	J	1.68
GU-3A	d	Methylene Chloride	75-09-2	ug/L	9/24/2014	J	0.356
MW-18	d	Methylene Chloride	75-09-2	ug/L	9/24/2014	ND	
MW-29	d	Methylene Chloride	75-09-2	ug/L	9/24/2014	J	0.643
MW-30R	d	Methylene Chloride	75-09-2	ug/L	9/24/2014	J	0.346
MW-31R	d	Methylene Chloride	75-09-2	ug/L	9/24/2014	ND	
MW-31R	d	Methylene Chloride	75-09-2	ug/L	9/24/2014	ND	
MW-32R	d	Methylene Chloride	75-09-2	ug/L	9/24/2014	ND	
MW-33R	d	Methylene Chloride	75-09-2	ug/L	9/24/2014	ND	
MW-50	d	Methylene Chloride	75-09-2	ug/L	9/24/2014	ND	
MW-51	d	Methylene Chloride	75-09-2	ug/L	9/24/2014	ND	
MW-52	d	Methylene Chloride	75-09-2	ug/L	9/24/2014	J	0.426
MW-53	d	Methylene Chloride	75-09-2	ug/L	9/24/2014	J	0.44
MW-54	d	Methylene Chloride	75-09-2	ug/L	9/24/2014	J	0.466
MW-14R	d	Methylene Chloride	75-09-2	ug/L	12/4/2014	J	0.25
MW-18	d	Methylene Chloride	75-09-2	ug/L	12/4/2014	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	12/4/2014	J	0.297
MW-20	d	Methylene Chloride	75-09-2	ug/L	12/4/2014	ND	
MW-21	d	Methylene Chloride	75-09-2	ug/L	12/4/2014	J	0.281
MW-22R	d	Methylene Chloride	75-09-2	ug/L	12/4/2014	J	0.188
MW-28	d	Methylene Chloride	75-09-2	ug/L	12/4/2014	ND	
MW-39	d	Methylene Chloride	75-09-2	ug/L	12/4/2014	ND	
MW-56	d	Methylene Chloride	75-09-2	ug/L	12/4/2014	ND	
MW-57	d	Methylene Chloride	75-09-2	ug/L	12/4/2014	ND	
MW-57	d	Methylene Chloride	75-09-2	ug/L	12/4/2014	ND	
MW-58	d	Methylene Chloride	75-09-2	ug/L	12/4/2014	ND	
MW-14R	d	Methylene Chloride	75-09-2	ug/L	3/11/2015	ND	
MW-18	d	Methylene Chloride	75-09-2	ug/L	3/11/2015	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	3/11/2015	ND	
MW-20	d	Methylene Chloride	75-09-2	ug/L	3/11/2015	ND	
MW-21	d	Methylene Chloride	75-09-2	ug/L	3/11/2015	ND	
MW-22R	d	Methylene Chloride	75-09-2	ug/L	3/11/2015	ND	
MW-28	d	Methylene Chloride	75-09-2	ug/L	3/11/2015	ND	
MW-39	d	Methylene Chloride	75-09-2	ug/L	3/11/2015	ND	
MW-55	d	Methylene Chloride	75-09-2	ug/L	3/11/2015	ND	
MW-56	d	Methylene Chloride	75-09-2	ug/L	3/11/2015	ND	
MW-57	d	Methylene Chloride	75-09-2	ug/L	3/11/2015	ND	
MW-58	d	Methylene Chloride	75-09-2	ug/L	3/11/2015	ND	
MW-58	d	Methylene Chloride	75-09-2	ug/L	3/11/2015	ND	
MW-29	d	Methylene Chloride	75-09-2	ug/L	6/29/2015	J	0.181
MW-30R	d	Methylene Chloride	75-09-2	ug/L	6/29/2015	ND	
MW-31R	d	Methylene Chloride	75-09-2	ug/L	6/29/2015	ND	
MW-31R	d	Methylene Chloride	75-09-2	ug/L	6/29/2015	ND	
MW-32R	d	Methylene Chloride	75-09-2	ug/L	6/29/2015	ND	
MW-33R	d	Methylene Chloride	75-09-2	ug/L	6/29/2015	ND	
MW-50	d	Methylene Chloride	75-09-2	ug/L	6/29/2015	ND	
MW-51	d	Methylene Chloride	75-09-2	ug/L	6/29/2015	ND	
MW-52	d	Methylene Chloride	75-09-2	ug/L	6/29/2015	ND	
MW-53	d	Methylene Chloride	75-09-2	ug/L	6/29/2015	ND	
MW-54	d	Methylene Chloride	75-09-2	ug/L	6/29/2015	ND	
GU-3A	d	Methylene Chloride	75-09-2	ug/L	9/22/2015	ND	
MW-14R	d	Methylene Chloride	75-09-2	ug/L	2/15/2016	ND	
MW-14R	d	Methylene Chloride	75-09-2	ug/L	2/15/2016	ND	
MW-18	d	Methylene Chloride	75-09-2	ug/L	2/15/2016	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	2/15/2016	ND	
MW-39	d	Methylene Chloride	75-09-2	ug/L	2/15/2016	J	2.6
MW-20	d	Methylene Chloride	75-09-2	ug/L	2/16/2016	ND	
MW-21	d	Methylene Chloride	75-09-2	ug/L	2/16/2016	ND	
MW-55	d	Methylene Chloride	75-09-2	ug/L	2/16/2016	ND	
MW-56	d	Methylene Chloride	75-09-2	ug/L	2/16/2016	ND	
MW-57	d	Methylene Chloride	75-09-2	ug/L	2/16/2016	ND	
MW-58	d	Methylene Chloride	75-09-2	ug/L	2/16/2016	ND	
MW-22R	d	Methylene Chloride	75-09-2	ug/L	2/17/2016	J	0.219
MW-28	d	Methylene Chloride	75-09-2	ug/L	8/25/2016	ND	
MW-29	d	Methylene Chloride	75-09-2	ug/L	8/25/2016	J	0.371
MW-30R	d	Methylene Chloride	75-09-2	ug/L	8/25/2016	ND	
MW-31R	d	Methylene Chloride	75-09-2	ug/L	8/25/2016	ND	
MW-32R	d	Methylene Chloride	75-09-2	ug/L	8/25/2016	ND	
MW-33R	d	Methylene Chloride	75-09-2	ug/L	8/25/2016	ND	
MW-50	d	Methylene Chloride	75-09-2	ug/L	8/25/2016	ND	
MW-51	d	Methylene Chloride	75-09-2	ug/L	8/25/2016	ND	
MW-52	d	Methylene Chloride	75-09-2	ug/L	8/25/2016	ND	
MW-53	d	Methylene Chloride	75-09-2	ug/L	8/25/2016	ND	
MW-54	d	Methylene Chloride	75-09-2	ug/L	8/25/2016	ND	
GU-3A	d	Methylene Chloride	75-09-2	ug/L	8/26/2016	ND	
MW-18	d	Methylene Chloride	75-09-2	ug/L	1/17/2017	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	1/17/2017	ND	
MW-22R	d	Methylene Chloride	75-09-2	ug/L	1/17/2017	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-28	d	Methylene Chloride	75-09-2	ug/L	1/17/2017	ND	
MW-28	d	Methylene Chloride	75-09-2	ug/L	1/17/2017	ND	
MW-39	d	Methylene Chloride	75-09-2	ug/L	1/17/2017	ND	
MW-50	d	Methylene Chloride	75-09-2	ug/L	1/17/2017	ND	
MW-51	d	Methylene Chloride	75-09-2	ug/L	1/17/2017	ND	
MW-53	d	Methylene Chloride	75-09-2	ug/L	1/17/2017	ND	
MW-54	d	Methylene Chloride	75-09-2	ug/L	1/17/2017	ND	
MW-56	d	Methylene Chloride	75-09-2	ug/L	1/17/2017	ND	
GU-3A	d	Methylene Chloride	75-09-2	ug/L	7/10/2017	ND	
MW-14R	d	Methylene Chloride	75-09-2	ug/L	7/10/2017	ND	
MW-20	d	Methylene Chloride	75-09-2	ug/L	7/10/2017	ND	
MW-21	d	Methylene Chloride	75-09-2	ug/L	7/10/2017	ND	
MW-29	d	Methylene Chloride	75-09-2	ug/L	7/10/2017	ND	
MW-30R	d	Methylene Chloride	75-09-2	ug/L	7/10/2017	ND	
MW-31R	d	Methylene Chloride	75-09-2	ug/L	7/10/2017	ND	
MW-32R	d	Methylene Chloride	75-09-2	ug/L	7/10/2017	ND	
MW-32R	d	Methylene Chloride	75-09-2	ug/L	7/10/2017	ND	
MW-33R	d	Methylene Chloride	75-09-2	ug/L	7/10/2017	ND	
MW-57	d	Methylene Chloride	75-09-2	ug/L	7/10/2017	ND	
MW-58	d	Methylene Chloride	75-09-2	ug/L	7/10/2017	ND	
MW-52	d	Methylene Chloride	75-09-2	ug/L	10/17/2017	ND	
MW-55	d	Methylene Chloride	75-09-2	ug/L	10/17/2017	ND	
GU-3A	d	Methylene Chloride	75-09-2	ug/L	4/3/2018	J	0.197
GU-3A	d	Methylene Chloride	75-09-2	ug/L	4/3/2018	ND	
MW-14R	d	Methylene Chloride	75-09-2	ug/L	4/3/2018	J	0.219
MW-20	d	Methylene Chloride	75-09-2	ug/L	4/3/2018	ND	
MW-21	d	Methylene Chloride	75-09-2	ug/L	4/3/2018	J	0.208
MW-29	d	Methylene Chloride	75-09-2	ug/L	4/3/2018	J	0.412
MW-30R	d	Methylene Chloride	75-09-2	ug/L	4/3/2018	ND	
MW-31R	d	Methylene Chloride	75-09-2	ug/L	4/3/2018	ND	
MW-32R	d	Methylene Chloride	75-09-2	ug/L	4/3/2018	ND	
MW-33R	d	Methylene Chloride	75-09-2	ug/L	4/3/2018	J	0.187
MW-33R	d	Methylene Chloride	75-09-2	ug/L	4/3/2018	J	0.288
MW-57	d	Methylene Chloride	75-09-2	ug/L	4/3/2018	J	0.283
MW-58	d	Methylene Chloride	75-09-2	ug/L	4/3/2018	J	0.258
MW-39	d	Methylene Chloride	75-09-2	ug/L	11/1/2018	ND	
MW-50	d	Methylene Chloride	75-09-2	ug/L	11/1/2018	ND	
MW-51	d	Methylene Chloride	75-09-2	ug/L	11/1/2018	ND	
MW-52	d	Methylene Chloride	75-09-2	ug/L	11/1/2018	ND	
MW-53	d	Methylene Chloride	75-09-2	ug/L	11/1/2018	ND	
MW-54	d	Methylene Chloride	75-09-2	ug/L	11/1/2018	ND	
MW-55	d	Methylene Chloride	75-09-2	ug/L	11/1/2018	ND	
MW-18	d	Methylene Chloride	75-09-2	ug/L	11/2/2018	NDF2	
MW-19	d	Methylene Chloride	75-09-2	ug/L	11/2/2018	ND	
MW-22R	d	Methylene Chloride	75-09-2	ug/L	11/2/2018	ND	
MW-28	d	Methylene Chloride	75-09-2	ug/L	11/2/2018	ND	
MW-56	d	Methylene Chloride	75-09-2	ug/L	11/2/2018	NDH	
MW-18	d	Methylene Chloride	75-09-2	ug/L	5/16/2019	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	5/16/2019	ND	
MW-23	u	Methylene Chloride	75-09-2	ug/L	5/16/2019	ND	
MW-24R	u	Methylene Chloride	75-09-2	ug/L	5/16/2019	ND	
MW-28	d	Methylene Chloride	75-09-2	ug/L	5/16/2019	ND	
MW-55	d	Methylene Chloride	75-09-2	ug/L	5/16/2019	ND	
MW-50	d	Methylene Chloride	75-09-2	ug/L	5/20/2019	ND	
MW-51	d	Methylene Chloride	75-09-2	ug/L	5/20/2019	ND	
MW-52	d	Methylene Chloride	75-09-2	ug/L	5/20/2019	ND	
MW-54	d	Methylene Chloride	75-09-2	ug/L	5/20/2019	ND	
MW-56	d	Methylene Chloride	75-09-2	ug/L	5/20/2019	ND	
MW-53	d	Methylene Chloride	75-09-2	ug/L	5/21/2019	ND	
MW-14R	d	Methylene Chloride	75-09-2	ug/L	9/11/2019	ND	
MW-29	d	Methylene Chloride	75-09-2	ug/L	9/11/2019	ND	
MW-30R	d	Methylene Chloride	75-09-2	ug/L	9/11/2019	ND	
MW-33R	d	Methylene Chloride	75-09-2	ug/L	9/11/2019	ND	
MW-58	d	Methylene Chloride	75-09-2	ug/L	9/11/2019	ND	
GU-3A	d	Methylene Chloride	75-09-2	ug/L	3/16/2020	ND	
MW-33R	d	Methylene Chloride	75-09-2	ug/L	3/16/2020	ND	
MW-14R	d	Methylene Chloride	75-09-2	ug/L	3/17/2020	ND	
MW-29	d	Methylene Chloride	75-09-2	ug/L	3/17/2020	ND	
MW-30R	d	Methylene Chloride	75-09-2	ug/L	3/17/2020	ND	
MW-58	d	Methylene Chloride	75-09-2	ug/L	3/17/2020	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	7/20/2020	ND	
MW-28	d	Methylene Chloride	75-09-2	ug/L	7/20/2020	ND	
MW-51	d	Methylene Chloride	75-09-2	ug/L	7/20/2020	ND	
MW-55	d	Methylene Chloride	75-09-2	ug/L	7/20/2020	ND	
MW-56	d	Methylene Chloride	75-09-2	ug/L	7/20/2020	ND	
MW-57R	d	Methylene Chloride	75-09-2	ug/L	7/20/2020	ND	
MW-73	d	Methylene Chloride	75-09-2	ug/L	7/20/2020	ND	
MW-18	d	Methylene Chloride	75-09-2	ug/L	7/21/2020	ND	
MW-50	d	Methylene Chloride	75-09-2	ug/L	7/21/2020	ND	
MW-52	d	Methylene Chloride	75-09-2	ug/L	7/21/2020	ND	
MW-53	d	Methylene Chloride	75-09-2	ug/L	7/21/2020	ND	
MW-54	d	Methylene Chloride	75-09-2	ug/L	7/21/2020	ND	
MW-23	u	Methylene Chloride	75-09-2	ug/L	7/22/2020	ND	
MW-24R	u	Methylene Chloride	75-09-2	ug/L	7/22/2020	ND	
MW-55	d	Methylene Chloride	75-09-2	ug/L	11/12/2020	ND	
MW-33R	d	Methylene Chloride	75-09-2	ug/L	8/24/2021		<5.00
MW-14R	d	Methylene Chloride	75-09-2	ug/L	8/24/2021		<5.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Methylene Chloride	75-09-2	ug/L	8/25/2021		<5.00
MW-58	d	Methylene Chloride	75-09-2	ug/L	8/25/2021		<5.00
MW-30R	d	Methylene Chloride	75-09-2	ug/L	8/25/2021		<5.00
MW-68	d	Methylene Chloride	75-09-2	ug/L	8/25/2021		<5.00
MW-69	d	Methylene Chloride	75-09-2	ug/L	8/25/2021		<5.00
MW-70	d	Methylene Chloride	75-09-2	ug/L	8/26/2021		<5.00
MW-57R	d	Methylene Chloride	75-09-2	ug/L	8/26/2021		<5.00
PZ-13	d	Methylene Chloride	75-09-2	ug/L	8/27/2021		<5.00
MW-73	d	Methylene Chloride	75-09-2	ug/L	8/27/2021		<5.00
GU-3A	d	Methylene Chloride	75-09-2	ug/L	9/8/2021		<5.00
MW-24R	u	Methylene Chloride	75-09-2	ug/L	12/7/2021		<5.00
MW-28	d	Methylene Chloride	75-09-2	ug/L	12/7/2021		<5.00
MW-57R	d	Methylene Chloride	75-09-2	ug/L	12/7/2021		<5.00
MW-73	d	Methylene Chloride	75-09-2	ug/L	12/7/2021		<5.00
MW-56	d	Methylene Chloride	75-09-2	ug/L	12/7/2021		<5.00
MW-19	d	Methylene Chloride	75-09-2	ug/L	12/7/2021		<5.00
MW-18	d	Methylene Chloride	75-09-2	ug/L	12/7/2021		<5.00
MW-55	d	Methylene Chloride	75-09-2	ug/L	12/7/2021		<5.00
MW-50	d	Methylene Chloride	75-09-2	ug/L	12/7/2021		<5.00
MW-23	u	Methylene Chloride	75-09-2	ug/L	12/8/2021		<5.00
MW-39	d	Methylene Chloride	75-09-2	ug/L	12/8/2021		<5.00
MW-51	d	Methylene Chloride	75-09-2	ug/L	12/8/2021		<5.00
MW-52	d	Methylene Chloride	75-09-2	ug/L	12/8/2021		<5.00
MW-53	d	Methylene Chloride	75-09-2	ug/L	12/8/2021		<5.00
MW-54	d	Methylene Chloride	75-09-2	ug/L	12/8/2021		<5.00
MW-39	d	Naphthalene	91-20-3	ug/L	3/11/2013	ND	
MW-31R	d	Naphthalene	91-20-3	ug/L	9/10/2013	ND	
MW-32R	d	Naphthalene	91-20-3	ug/L	9/10/2013	ND	
MW-18	d	Naphthalene	91-20-3	ug/L	12/18/2013	ND	
MW-20	d	Naphthalene	91-20-3	ug/L	12/18/2013	ND	
MW-21	d	Naphthalene	91-20-3	ug/L	12/18/2013	ND	
MW-22R	d	Naphthalene	91-20-3	ug/L	12/18/2013	ND	
MW-30R	d	Naphthalene	91-20-3	ug/L	12/18/2013	ND	
MW-18	d	Naphthalene	91-20-3	ug/L	6/24/2014	ND	
MW-29	d	Naphthalene	91-20-3	ug/L	7/24/2014	ND	
MW-57	d	Naphthalene	91-20-3	ug/L	7/24/2014	ND	
MW-58	d	Naphthalene	91-20-3	ug/L	7/24/2014	ND	
MW-33R	d	Naphthalene	91-20-3	ug/L	9/24/2014	ND	
MW-50	d	Naphthalene	91-20-3	ug/L	9/24/2014	ND	
MW-51	d	Naphthalene	91-20-3	ug/L	9/24/2014	ND	
MW-52	d	Naphthalene	91-20-3	ug/L	9/24/2014	ND	
MW-53	d	Naphthalene	91-20-3	ug/L	9/24/2014	ND	
MW-54	d	Naphthalene	91-20-3	ug/L	9/24/2014	ND	
MW-14R	d	Naphthalene	91-20-3	ug/L	12/4/2014	ND	
MW-19	d	Naphthalene	91-20-3	ug/L	12/4/2014	ND	
MW-28	d	Naphthalene	91-20-3	ug/L	12/4/2014	ND	
MW-56	d	Naphthalene	91-20-3	ug/L	12/4/2014	ND	
MW-55	d	Naphthalene	91-20-3	ug/L	3/11/2015	ND	
MW-20	d	Naphthalene	91-20-3	ug/L	4/3/2018	ND	
MW-21	d	Naphthalene	91-20-3	ug/L	4/3/2018	ND	
MW-30R	d	Naphthalene	91-20-3	ug/L	4/3/2018	ND	
MW-31R	d	Naphthalene	91-20-3	ug/L	4/3/2018	ND	
MW-32R	d	Naphthalene	91-20-3	ug/L	4/3/2018	ND	
MW-39	d	Naphthalene	91-20-3	ug/L	11/1/2018	ND	
MW-22R	d	Naphthalene	91-20-3	ug/L	11/2/2018	ND	
MW-18	d	Naphthalene	91-20-3	ug/L	5/16/2019	ND	
MW-19	d	Naphthalene	91-20-3	ug/L	5/16/2019	ND	
MW-28	d	Naphthalene	91-20-3	ug/L	5/16/2019	ND	
MW-50	d	Naphthalene	91-20-3	ug/L	5/20/2019	ND	
MW-51	d	Naphthalene	91-20-3	ug/L	5/20/2019	ND	
MW-52	d	Naphthalene	91-20-3	ug/L	5/20/2019	ND	
MW-54	d	Naphthalene	91-20-3	ug/L	5/20/2019	ND	
MW-56	d	Naphthalene	91-20-3	ug/L	5/20/2019	ND	
MW-53	d	Naphthalene	91-20-3	ug/L	5/21/2019	ND	
MW-14R	d	Naphthalene	91-20-3	ug/L	9/11/2019	ND	
MW-29	d	Naphthalene	91-20-3	ug/L	9/11/2019	ND	
MW-30R	d	Naphthalene	91-20-3	ug/L	9/11/2019	ND	
MW-33R	d	Naphthalene	91-20-3	ug/L	9/11/2019	ND	
MW-58	d	Naphthalene	91-20-3	ug/L	9/11/2019	ND	
MW-55	d	Naphthalene	91-20-3	ug/L	11/12/2020	ND	
MW-51	d	Nickel	7440-02-0	mg/L	1/15/2010	ND	
MW-24R	u	Nickel	7440-02-0	mg/L	2/11/2010	ND	
MW-53	d	Nickel	7440-02-0	mg/L	2/11/2010	ND	
GU-3A	d	Nickel	7440-02-0	mg/L	3/24/2010	ND	
MW-20	d	Nickel	7440-02-0	mg/L	3/24/2010	ND	
MW-21	d	Nickel	7440-02-0	mg/L	3/24/2010	ND	
MW-22R	d	Nickel	7440-02-0	mg/L	3/24/2010	ND	
MW-52	d	Nickel	7440-02-0	mg/L	3/24/2010	ND	
MW-54	d	Nickel	7440-02-0	mg/L	3/24/2010	ND	
MW-55	d	Nickel	7440-02-0	mg/L	3/24/2010	ND	
MW-28	d	Nickel	7440-02-0	mg/L	4/9/2010	ND	
MW-33R	d	Nickel	7440-02-0	mg/L	4/9/2010	ND	
MW-50	d	Nickel	7440-02-0	mg/L	4/9/2010	ND	
MW-56	d	Nickel	7440-02-0	mg/L	4/9/2010	ND	
MW-57	d	Nickel	7440-02-0	mg/L	4/9/2010	ND	
MW-58	d	Nickel	7440-02-0	mg/L	4/9/2010	ND	
MW-32R	d	Nickel	7440-02-0	mg/L	5/18/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	Nickel	7440-02-0	mg/L	6/17/2010	ND	
MW-19	d	Nickel	7440-02-0	mg/L	6/17/2010	ND	
MW-29	d	Nickel	7440-02-0	mg/L	6/17/2010		0.105
MW-30R	d	Nickel	7440-02-0	mg/L	6/17/2010	ND	
MW-31R	d	Nickel	7440-02-0	mg/L	6/17/2010	ND	
MW-51	d	Nickel	7440-02-0	mg/L	6/17/2010	ND	
MW-21	d	Nickel	7440-02-0	mg/L	7/21/2010	ND	
MW-54	d	Nickel	7440-02-0	mg/L	7/21/2010	ND	
MW-20	d	Nickel	7440-02-0	mg/L	8/17/2010	ND	
MW-29	d	Nickel	7440-02-0	mg/L	8/17/2010		0.0678
MW-39	d	Nickel	7440-02-0	mg/L	8/17/2010	ND	
MW-51	d	Nickel	7440-02-0	mg/L	8/17/2010	ND	
GU-3A	d	Nickel	7440-02-0	mg/L	9/17/2010	ND	
MW-22R	d	Nickel	7440-02-0	mg/L	9/17/2010	ND	
MW-55	d	Nickel	7440-02-0	mg/L	9/17/2010	ND	
MW-19	d	Nickel	7440-02-0	mg/L	10/22/2010	ND	
MW-24R	u	Nickel	7440-02-0	mg/L	10/22/2010	ND	
MW-30R	d	Nickel	7440-02-0	mg/L	10/22/2010	ND	
MW-31R	d	Nickel	7440-02-0	mg/L	10/22/2010	ND	
MW-50	d	Nickel	7440-02-0	mg/L	10/22/2010	ND	
MW-53	d	Nickel	7440-02-0	mg/L	10/22/2010	ND	
MW-56	d	Nickel	7440-02-0	mg/L	10/22/2010	ND	
MW-58	d	Nickel	7440-02-0	mg/L	10/22/2010	ND	
MW-14R	d	Nickel	7440-02-0	mg/L	11/8/2010	ND	
MW-32R	d	Nickel	7440-02-0	mg/L	11/8/2010	ND	
MW-57	d	Nickel	7440-02-0	mg/L	11/8/2010	ND	
MW-28	d	Nickel	7440-02-0	mg/L	12/15/2010	ND	
MW-33R	d	Nickel	7440-02-0	mg/L	12/15/2010	ND	
MW-52	d	Nickel	7440-02-0	mg/L	12/15/2010		0.0562
MW-54	d	Nickel	7440-02-0	mg/L	1/12/2011	ND	
MW-54	d	Nickel	7440-02-0	mg/L	1/12/2011	ND	
MW-20	d	Nickel	7440-02-0	mg/L	2/22/2011	ND	
MW-22R	d	Nickel	7440-02-0	mg/L	2/22/2011	ND	
MW-51	d	Nickel	7440-02-0	mg/L	2/22/2011	ND	
MW-52	d	Nickel	7440-02-0	mg/L	2/22/2011		0.0658
MW-53	d	Nickel	7440-02-0	mg/L	2/22/2011	ND	
MW-55	d	Nickel	7440-02-0	mg/L	2/22/2011	ND	
GU-3A	d	Nickel	7440-02-0	mg/L	3/2/2011	ND	
MW-21	d	Nickel	7440-02-0	mg/L	3/2/2011	ND	
MW-21	d	Nickel	7440-02-0	mg/L	3/2/2011	ND	
MW-29	d	Nickel	7440-02-0	mg/L	4/21/2011		0.11
MW-30R	d	Nickel	7440-02-0	mg/L	4/21/2011	ND	
MW-31R	d	Nickel	7440-02-0	mg/L	4/21/2011	ND	
MW-31R	d	Nickel	7440-02-0	mg/L	4/21/2011	ND	
MW-32R	d	Nickel	7440-02-0	mg/L	4/21/2011	ND	
MW-54	d	Nickel	7440-02-0	mg/L	5/31/2011	ND	
MW-56	d	Nickel	7440-02-0	mg/L	5/31/2011	ND	
MW-57	d	Nickel	7440-02-0	mg/L	5/31/2011	ND	
MW-58	d	Nickel	7440-02-0	mg/L	5/31/2011	ND	
MW-14R	d	Nickel	7440-02-0	mg/L	6/7/2011	ND	
MW-14R	d	Nickel	7440-02-0	mg/L	6/7/2011	ND	
MW-19	d	Nickel	7440-02-0	mg/L	6/7/2011	ND	
MW-28	d	Nickel	7440-02-0	mg/L	6/7/2011	ND	
MW-33R	d	Nickel	7440-02-0	mg/L	6/7/2011	ND	
MW-39	d	Nickel	7440-02-0	mg/L	6/7/2011	ND	
MW-50	d	Nickel	7440-02-0	mg/L	6/7/2011	ND	
MW-52	d	Nickel	7440-02-0	mg/L	7/22/2011	ND	
MW-56	d	Nickel	7440-02-0	mg/L	7/22/2011	ND	
MW-58	d	Nickel	7440-02-0	mg/L	7/22/2011	ND	
MW-14R	d	Nickel	7440-02-0	mg/L	8/29/2011	ND	
MW-19	d	Nickel	7440-02-0	mg/L	8/29/2011	ND	
MW-19	d	Nickel	7440-02-0	mg/L	8/29/2011	ND	
MW-32R	d	Nickel	7440-02-0	mg/L	8/29/2011	ND	
GU-3A	d	Nickel	7440-02-0	mg/L	9/9/2011	ND	
MW-22R	d	Nickel	7440-02-0	mg/L	9/9/2011	ND	
MW-23	u	Nickel	7440-02-0	mg/L	9/9/2011	ND	
MW-24R	u	Nickel	7440-02-0	mg/L	9/9/2011	ND	
MW-28	d	Nickel	7440-02-0	mg/L	9/9/2011	ND	
MW-29	d	Nickel	7440-02-0	mg/L	9/9/2011		0.108
MW-51	d	Nickel	7440-02-0	mg/L	9/9/2011	ND	
MW-53	d	Nickel	7440-02-0	mg/L	9/9/2011	ND	
MW-53	d	Nickel	7440-02-0	mg/L	9/9/2011	ND	
MW-21	d	Nickel	7440-02-0	mg/L	10/4/2011	ND	
MW-50	d	Nickel	7440-02-0	mg/L	10/4/2011	ND	
MW-50	d	Nickel	7440-02-0	mg/L	10/4/2011	ND	
MW-54	d	Nickel	7440-02-0	mg/L	10/4/2011	ND	
MW-57	d	Nickel	7440-02-0	mg/L	10/4/2011	ND	
MW-20	d	Nickel	7440-02-0	mg/L	11/29/2011	ND	
MW-30R	d	Nickel	7440-02-0	mg/L	11/29/2011	ND	
MW-52	d	Nickel	7440-02-0	mg/L	11/29/2011	ND	
MW-55	d	Nickel	7440-02-0	mg/L	11/29/2011	ND	
MW-31R	d	Nickel	7440-02-0	mg/L	12/16/2011	ND	
MW-33R	d	Nickel	7440-02-0	mg/L	12/16/2011	ND	
MW-39	d	Nickel	7440-02-0	mg/L	12/16/2011	ND	
MW-14R	d	Nickel	7440-02-0	mg/L	3/8/2012	ND	
MW-19	d	Nickel	7440-02-0	mg/L	3/8/2012	ND	
MW-20	d	Nickel	7440-02-0	mg/L	3/8/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-21	d	Nickel	7440-02-0	mg/L	3/8/2012	ND	
MW-22R	d	Nickel	7440-02-0	mg/L	3/8/2012	ND	
MW-23	u	Nickel	7440-02-0	mg/L	3/8/2012	ND	
MW-24R	u	Nickel	7440-02-0	mg/L	3/8/2012	ND	
MW-28	d	Nickel	7440-02-0	mg/L	3/8/2012	ND	
MW-39	d	Nickel	7440-02-0	mg/L	3/8/2012	ND	
MW-55	d	Nickel	7440-02-0	mg/L	3/8/2012	ND	
MW-56	d	Nickel	7440-02-0	mg/L	3/8/2012	ND	
MW-57	d	Nickel	7440-02-0	mg/L	3/8/2012		0.063
MW-58	d	Nickel	7440-02-0	mg/L	3/8/2012		0.0633
GU-3A	d	Nickel	7440-02-0	mg/L	6/13/2012	ND	
MW-29	d	Nickel	7440-02-0	mg/L	6/13/2012		0.108
MW-30R	d	Nickel	7440-02-0	mg/L	6/13/2012	ND	
MW-31R	d	Nickel	7440-02-0	mg/L	6/13/2012	ND	
MW-32R	d	Nickel	7440-02-0	mg/L	6/13/2012	ND	
MW-33R	d	Nickel	7440-02-0	mg/L	6/13/2012	ND	
MW-50	d	Nickel	7440-02-0	mg/L	6/13/2012	ND	
MW-50	d	Nickel	7440-02-0	mg/L	6/13/2012	ND	
MW-51	d	Nickel	7440-02-0	mg/L	6/13/2012	ND	
MW-52	d	Nickel	7440-02-0	mg/L	6/13/2012	ND	
MW-53	d	Nickel	7440-02-0	mg/L	6/13/2012	ND	
MW-54	d	Nickel	7440-02-0	mg/L	6/13/2012	ND	
GU-3A	d	Nickel	7440-02-0	mg/L	9/4/2012	ND	
MW-20	d	Nickel	7440-02-0	mg/L	9/4/2012	ND	
MW-21	d	Nickel	7440-02-0	mg/L	9/4/2012	ND	
MW-22R	d	Nickel	7440-02-0	mg/L	9/4/2012	ND	
MW-23	u	Nickel	7440-02-0	mg/L	9/4/2012	ND	
MW-50	d	Nickel	7440-02-0	mg/L	9/4/2012	ND	
MW-51	d	Nickel	7440-02-0	mg/L	9/4/2012	ND	
MW-52	d	Nickel	7440-02-0	mg/L	9/4/2012	ND	
MW-53	d	Nickel	7440-02-0	mg/L	9/4/2012	ND	
MW-54	d	Nickel	7440-02-0	mg/L	9/4/2012	ND	
MW-54	d	Nickel	7440-02-0	mg/L	9/4/2012	ND	
MW-57	d	Nickel	7440-02-0	mg/L	9/4/2012	ND	
MW-58	d	Nickel	7440-02-0	mg/L	9/4/2012	ND	
MW-14R	d	Nickel	7440-02-0	mg/L	12/19/2012	ND	
MW-19	d	Nickel	7440-02-0	mg/L	12/19/2012	ND	
MW-28	d	Nickel	7440-02-0	mg/L	12/19/2012	ND	
MW-29	d	Nickel	7440-02-0	mg/L	12/19/2012		0.0834
MW-30R	d	Nickel	7440-02-0	mg/L	12/19/2012	ND	
MW-31R	d	Nickel	7440-02-0	mg/L	12/19/2012	ND	
MW-32R	d	Nickel	7440-02-0	mg/L	12/19/2012	ND	
MW-33R	d	Nickel	7440-02-0	mg/L	12/19/2012	ND	
MW-33R	d	Nickel	7440-02-0	mg/L	12/19/2012	ND	
MW-39	d	Nickel	7440-02-0	mg/L	12/19/2012	ND	
MW-55	d	Nickel	7440-02-0	mg/L	12/19/2012	ND	
MW-56	d	Nickel	7440-02-0	mg/L	12/19/2012	ND	
MW-14R	d	Nickel	7440-02-0	mg/L	3/11/2013	ND	
MW-19	d	Nickel	7440-02-0	mg/L	3/11/2013	ND	
MW-23	u	Nickel	7440-02-0	mg/L	3/11/2013	ND	
MW-28	d	Nickel	7440-02-0	mg/L	3/11/2013	ND	
MW-39	d	Nickel	7440-02-0	mg/L	3/11/2013	ND	
MW-50	d	Nickel	7440-02-0	mg/L	3/11/2013	ND	
MW-50	d	Nickel	7440-02-0	mg/L	3/11/2013	ND	
MW-51	d	Nickel	7440-02-0	mg/L	3/11/2013	ND	
MW-52	d	Nickel	7440-02-0	mg/L	3/11/2013	ND	
MW-53	d	Nickel	7440-02-0	mg/L	3/11/2013	ND	
MW-54	d	Nickel	7440-02-0	mg/L	3/11/2013	ND	
MW-55	d	Nickel	7440-02-0	mg/L	3/11/2013	ND	
MW-56	d	Nickel	7440-02-0	mg/L	3/11/2013	ND	
MW-20	d	Nickel	7440-02-0	mg/L	6/10/2013	ND	
MW-20	d	Nickel	7440-02-0	mg/L	6/10/2013	ND	
MW-21	d	Nickel	7440-02-0	mg/L	6/10/2013	ND	
MW-22R	d	Nickel	7440-02-0	mg/L	6/10/2013	ND	
MW-29	d	Nickel	7440-02-0	mg/L	6/10/2013		0.108
MW-30R	d	Nickel	7440-02-0	mg/L	6/10/2013	ND	
MW-31R	d	Nickel	7440-02-0	mg/L	6/10/2013	ND	
MW-32R	d	Nickel	7440-02-0	mg/L	6/10/2013	ND	
MW-33R	d	Nickel	7440-02-0	mg/L	6/10/2013	ND	
MW-57	d	Nickel	7440-02-0	mg/L	6/10/2013	ND	
MW-58	d	Nickel	7440-02-0	mg/L	6/10/2013	ND	
GU-3A	d	Nickel	7440-02-0	mg/L	9/10/2013	ND	
MW-23	u	Nickel	7440-02-0	mg/L	9/10/2013	J	0.00413
MW-31R	d	Nickel	7440-02-0	mg/L	9/10/2013	ND	
MW-31R	d	Nickel	7440-02-0	mg/L	9/10/2013	ND	
MW-32R	d	Nickel	7440-02-0	mg/L	9/10/2013	ND	
MW-33R	d	Nickel	7440-02-0	mg/L	9/10/2013	ND	
MW-50	d	Nickel	7440-02-0	mg/L	9/10/2013	ND	
MW-51	d	Nickel	7440-02-0	mg/L	9/10/2013	ND	
MW-52	d	Nickel	7440-02-0	mg/L	9/10/2013	ND	
MW-53	d	Nickel	7440-02-0	mg/L	9/10/2013	ND	
MW-54	d	Nickel	7440-02-0	mg/L	9/10/2013	J	0.00719
MW-14R	d	Nickel	7440-02-0	mg/L	12/18/2013	ND	
MW-18	d	Nickel	7440-02-0	mg/L	12/18/2013	ND	
MW-19	d	Nickel	7440-02-0	mg/L	12/18/2013	ND	
MW-20	d	Nickel	7440-02-0	mg/L	12/18/2013	ND	
MW-21	d	Nickel	7440-02-0	mg/L	12/18/2013	J	0.0173

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-22R	d	Nickel	7440-02-0	mg/L	12/18/2013	J	0.0131
MW-28	d	Nickel	7440-02-0	mg/L	12/18/2013	ND	
MW-30R	d	Nickel	7440-02-0	mg/L	12/18/2013	ND	
MW-39	d	Nickel	7440-02-0	mg/L	12/18/2013	J	0.0248
MW-39	d	Nickel	7440-02-0	mg/L	12/18/2013	J	0.0277
MW-55	d	Nickel	7440-02-0	mg/L	12/18/2013	J	0.0164
MW-18	d	Nickel	7440-02-0	mg/L	3/20/2014	ND	
MW-20	d	Nickel	7440-02-0	mg/L	3/20/2014	ND	
MW-21	d	Nickel	7440-02-0	mg/L	3/20/2014	J	0.0213
MW-21	d	Nickel	7440-02-0	mg/L	3/20/2014	J	0.0222
MW-22R	d	Nickel	7440-02-0	mg/L	3/20/2014	J	0.00867
MW-23	u	Nickel	7440-02-0	mg/L	3/20/2014	ND	
MW-30R	d	Nickel	7440-02-0	mg/L	3/20/2014	ND	
MW-31R	d	Nickel	7440-02-0	mg/L	3/20/2014	ND	
MW-32R	d	Nickel	7440-02-0	mg/L	3/20/2014	ND	
MW-33R	d	Nickel	7440-02-0	mg/L	3/20/2014	J	0.0137
MW-14R	d	Nickel	7440-02-0	mg/L	6/24/2014	ND	
MW-14R	d	Nickel	7440-02-0	mg/L	6/24/2014	ND	
MW-18	d	Nickel	7440-02-0	mg/L	6/24/2014	ND	
MW-19	d	Nickel	7440-02-0	mg/L	6/24/2014	ND	
MW-28	d	Nickel	7440-02-0	mg/L	6/24/2014	ND	
MW-39	d	Nickel	7440-02-0	mg/L	6/24/2014	J	0.0263
MW-50	d	Nickel	7440-02-0	mg/L	6/24/2014	ND	
MW-51	d	Nickel	7440-02-0	mg/L	6/24/2014	ND	
MW-52	d	Nickel	7440-02-0	mg/L	6/24/2014	ND	
MW-53	d	Nickel	7440-02-0	mg/L	6/24/2014	ND	
MW-54	d	Nickel	7440-02-0	mg/L	6/24/2014	ND	
MW-55	d	Nickel	7440-02-0	mg/L	6/24/2014	J	0.00892
MW-58	d	Nickel	7440-02-0	mg/L	6/24/2014	J	0.0157
MW-29	d	Nickel	7440-02-0	mg/L	7/24/2014		0.0997
MW-56	d	Nickel	7440-02-0	mg/L	7/24/2014	J	0.0205
MW-57	d	Nickel	7440-02-0	mg/L	7/24/2014	J	0.0232
GU-3A	d	Nickel	7440-02-0	mg/L	9/24/2014	J	0.0276
MW-18	d	Nickel	7440-02-0	mg/L	9/24/2014	J	0.0098
MW-23	u	Nickel	7440-02-0	mg/L	9/24/2014	J	0.0132
MW-24R	u	Nickel	7440-02-0	mg/L	9/24/2014	ND	
MW-29	d	Nickel	7440-02-0	mg/L	9/24/2014		0.133
MW-30R	d	Nickel	7440-02-0	mg/L	9/24/2014	J	0.0122
MW-31R	d	Nickel	7440-02-0	mg/L	9/24/2014	ND	
MW-31R	d	Nickel	7440-02-0	mg/L	9/24/2014	ND	
MW-32R	d	Nickel	7440-02-0	mg/L	9/24/2014	ND	
MW-33R	d	Nickel	7440-02-0	mg/L	9/24/2014	J	0.0126
MW-50	d	Nickel	7440-02-0	mg/L	9/24/2014	J	0.00831
MW-51	d	Nickel	7440-02-0	mg/L	9/24/2014	J	0.0074
MW-52	d	Nickel	7440-02-0	mg/L	9/24/2014	J	0.00973
MW-53	d	Nickel	7440-02-0	mg/L	9/24/2014	J	0.00951
MW-54	d	Nickel	7440-02-0	mg/L	9/24/2014	J	0.018
MW-14R	d	Nickel	7440-02-0	mg/L	12/4/2014	ND	
MW-18	d	Nickel	7440-02-0	mg/L	12/4/2014	J	0.011
MW-19	d	Nickel	7440-02-0	mg/L	12/4/2014	J	0.0143
MW-20	d	Nickel	7440-02-0	mg/L	12/4/2014	J	0.00743
MW-21	d	Nickel	7440-02-0	mg/L	12/4/2014	J	0.0285
MW-22R	d	Nickel	7440-02-0	mg/L	12/4/2014	J	0.0117
MW-28	d	Nickel	7440-02-0	mg/L	12/4/2014	ND	
MW-39	d	Nickel	7440-02-0	mg/L	12/4/2014	J	0.0341
MW-56	d	Nickel	7440-02-0	mg/L	12/4/2014	J	0.0307
MW-57	d	Nickel	7440-02-0	mg/L	12/4/2014		0.0503
MW-57	d	Nickel	7440-02-0	mg/L	12/4/2014		0.0594
MW-58	d	Nickel	7440-02-0	mg/L	12/4/2014		0.0552
MW-14R	d	Nickel	7440-02-0	mg/L	3/11/2015	ND	
MW-18	d	Nickel	7440-02-0	mg/L	3/11/2015	J	0.00426
MW-19	d	Nickel	7440-02-0	mg/L	3/11/2015	J	0.00145
MW-20	d	Nickel	7440-02-0	mg/L	3/11/2015	J	0.000666
MW-21	d	Nickel	7440-02-0	mg/L	3/11/2015		0.0217
MW-22R	d	Nickel	7440-02-0	mg/L	3/11/2015		0.00944
MW-23	u	Nickel	7440-02-0	mg/L	3/11/2015		0.00527
MW-24R	u	Nickel	7440-02-0	mg/L	3/11/2015	ND	
MW-28	d	Nickel	7440-02-0	mg/L	3/11/2015	ND	
MW-39	d	Nickel	7440-02-0	mg/L	3/11/2015		0.0321
MW-55	d	Nickel	7440-02-0	mg/L	3/11/2015		0.0154
MW-56	d	Nickel	7440-02-0	mg/L	3/11/2015		0.0212
MW-57	d	Nickel	7440-02-0	mg/L	3/11/2015		0.0371
MW-58	d	Nickel	7440-02-0	mg/L	3/11/2015		0.0446
MW-58	d	Nickel	7440-02-0	mg/L	3/11/2015		0.0454
MW-29	d	Nickel	7440-02-0	mg/L	6/29/2015		0.119
MW-30R	d	Nickel	7440-02-0	mg/L	6/29/2015		0.0057
MW-31R	d	Nickel	7440-02-0	mg/L	6/29/2015	ND	
MW-31R	d	Nickel	7440-02-0	mg/L	6/29/2015	ND	
MW-32R	d	Nickel	7440-02-0	mg/L	6/29/2015	ND	
MW-33R	d	Nickel	7440-02-0	mg/L	6/29/2015	J	0.00345
MW-50	d	Nickel	7440-02-0	mg/L	6/29/2015	ND	
MW-51	d	Nickel	7440-02-0	mg/L	6/29/2015	J	0.00165
MW-52	d	Nickel	7440-02-0	mg/L	6/29/2015	J	0.00233
MW-53	d	Nickel	7440-02-0	mg/L	6/29/2015	J	0.000776
MW-54	d	Nickel	7440-02-0	mg/L	6/29/2015	J	0.00492
GU-3A	d	Nickel	7440-02-0	mg/L	9/22/2015		0.0153
MW-14R	d	Nickel	7440-02-0	mg/L	2/15/2016	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	Nickel	7440-02-0	mg/L	2/15/2016	ND	
MW-18	d	Nickel	7440-02-0	mg/L	2/15/2016		0.00642
MW-19	d	Nickel	7440-02-0	mg/L	2/15/2016	J	0.0038
MW-39	d	Nickel	7440-02-0	mg/L	2/15/2016		0.0164
MW-20	d	Nickel	7440-02-0	mg/L	2/16/2016	J	0.000696
MW-21	d	Nickel	7440-02-0	mg/L	2/16/2016		0.0217
MW-55	d	Nickel	7440-02-0	mg/L	2/16/2016		0.00671
MW-56	d	Nickel	7440-02-0	mg/L	2/16/2016		0.0164
MW-57	d	Nickel	7440-02-0	mg/L	2/16/2016		0.029
MW-58	d	Nickel	7440-02-0	mg/L	2/16/2016		0.0297
MW-22R	d	Nickel	7440-02-0	mg/L	2/17/2016		0.0156
MW-23	u	Nickel	7440-02-0	mg/L	2/17/2016	J	0.00421
MW-24R	u	Nickel	7440-02-0	mg/L	2/17/2016	J	0.00067
MW-28	d	Nickel	7440-02-0	mg/L	8/25/2016	J	0.00227
MW-29	d	Nickel	7440-02-0	mg/L	8/25/2016		0.109
MW-30R	d	Nickel	7440-02-0	mg/L	8/25/2016		0.0063
MW-31R	d	Nickel	7440-02-0	mg/L	8/25/2016	ND	
MW-32R	d	Nickel	7440-02-0	mg/L	8/25/2016	ND	
MW-33R	d	Nickel	7440-02-0	mg/L	8/25/2016		0.00572
MW-50	d	Nickel	7440-02-0	mg/L	8/25/2016	ND	
MW-51	d	Nickel	7440-02-0	mg/L	8/25/2016	J	0.00272
MW-52	d	Nickel	7440-02-0	mg/L	8/25/2016	J	0.00458
MW-53	d	Nickel	7440-02-0	mg/L	8/25/2016	J	0.00497
MW-54	d	Nickel	7440-02-0	mg/L	8/25/2016		0.00551
GU-3A	d	Nickel	7440-02-0	mg/L	8/26/2016		0.00559
MW-18	d	Nickel	7440-02-0	mg/L	1/17/2017	J	0.00246
MW-19	d	Nickel	7440-02-0	mg/L	1/17/2017	J	0.00169
MW-22R	d	Nickel	7440-02-0	mg/L	1/17/2017		0.0139
MW-23	u	Nickel	7440-02-0	mg/L	1/17/2017	J	0.00159
MW-24R	u	Nickel	7440-02-0	mg/L	1/17/2017	ND	
MW-28	d	Nickel	7440-02-0	mg/L	1/17/2017	ND	
MW-28	d	Nickel	7440-02-0	mg/L	1/17/2017	ND	
MW-39	d	Nickel	7440-02-0	mg/L	1/17/2017		0.0223
MW-50	d	Nickel	7440-02-0	mg/L	1/17/2017	ND	
MW-51	d	Nickel	7440-02-0	mg/L	1/17/2017	J	0.00291
MW-53	d	Nickel	7440-02-0	mg/L	1/17/2017	J	0.00478
MW-54	d	Nickel	7440-02-0	mg/L	1/17/2017		0.00829
MW-56	d	Nickel	7440-02-0	mg/L	1/17/2017		0.0161
GU-3A	d	Nickel	7440-02-0	mg/L	7/10/2017	ND	
MW-14R	d	Nickel	7440-02-0	mg/L	7/10/2017	ND	
MW-20	d	Nickel	7440-02-0	mg/L	7/10/2017	ND	
MW-21	d	Nickel	7440-02-0	mg/L	7/10/2017		0.0242
MW-29	d	Nickel	7440-02-0	mg/L	7/10/2017		0.11
MW-30R	d	Nickel	7440-02-0	mg/L	7/10/2017		0.00735
MW-31R	d	Nickel	7440-02-0	mg/L	7/10/2017	ND	
MW-32R	d	Nickel	7440-02-0	mg/L	7/10/2017	ND	
MW-32R	d	Nickel	7440-02-0	mg/L	7/10/2017	ND	
MW-33R	d	Nickel	7440-02-0	mg/L	7/10/2017	J	0.0049
MW-57	d	Nickel	7440-02-0	mg/L	7/10/2017		0.0302
MW-58	d	Nickel	7440-02-0	mg/L	7/10/2017		0.0414
MW-52	d	Nickel	7440-02-0	mg/L	10/17/2017		0.00711
MW-55	d	Nickel	7440-02-0	mg/L	10/17/2017		0.00767
GU-3A	d	Nickel	7440-02-0	mg/L	4/3/2018		0.361
GU-3A	d	Nickel	7440-02-0	mg/L	4/3/2018		0.0538
MW-14R	d	Nickel	7440-02-0	mg/L	4/3/2018	ND	
MW-20	d	Nickel	7440-02-0	mg/L	4/3/2018	J	0.00163
MW-21	d	Nickel	7440-02-0	mg/L	4/3/2018		0.029
MW-29	d	Nickel	7440-02-0	mg/L	4/3/2018		0.107
MW-30R	d	Nickel	7440-02-0	mg/L	4/3/2018		0.00734
MW-31R	d	Nickel	7440-02-0	mg/L	4/3/2018	ND	
MW-32R	d	Nickel	7440-02-0	mg/L	4/3/2018	J	0.0027
MW-33R	d	Nickel	7440-02-0	mg/L	4/3/2018		0.00837
MW-33R	d	Nickel	7440-02-0	mg/L	4/3/2018		0.00805
MW-57	d	Nickel	7440-02-0	mg/L	4/3/2018		0.0873
MW-58	d	Nickel	7440-02-0	mg/L	4/3/2018		0.118
MW-23	u	Nickel	7440-02-0	mg/L	11/1/2018	J	0.00158
MW-24R	u	Nickel	7440-02-0	mg/L	11/1/2018	ND	
MW-39	d	Nickel	7440-02-0	mg/L	11/1/2018		0.026
MW-50	d	Nickel	7440-02-0	mg/L	11/1/2018	ND	
MW-51	d	Nickel	7440-02-0	mg/L	11/1/2018	J	0.00306
MW-52	d	Nickel	7440-02-0	mg/L	11/1/2018		0.00598
MW-53	d	Nickel	7440-02-0	mg/L	11/1/2018		0.00758
MW-54	d	Nickel	7440-02-0	mg/L	11/1/2018		0.00579
MW-55	d	Nickel	7440-02-0	mg/L	11/1/2018		0.0108
MW-18	d	Nickel	7440-02-0	mg/L	11/2/2018	J	0.00354
MW-19	d	Nickel	7440-02-0	mg/L	11/2/2018		0.0661
MW-22R	d	Nickel	7440-02-0	mg/L	11/2/2018		0.0214
MW-28	d	Nickel	7440-02-0	mg/L	11/2/2018	ND	
MW-56	d	Nickel	7440-02-0	mg/L	11/2/2018		0.0161
MW-18	d	Nickel	7440-02-0	mg/L	5/16/2019		0.00621
MW-19	d	Nickel	7440-02-0	mg/L	5/16/2019	ND	
MW-23	u	Nickel	7440-02-0	mg/L	5/16/2019		0.00901
MW-24R	u	Nickel	7440-02-0	mg/L	5/16/2019	ND	
MW-28	d	Nickel	7440-02-0	mg/L	5/16/2019	ND	
MW-39	d	Nickel	7440-02-0	mg/L	5/16/2019		0.0175
MW-55	d	Nickel	7440-02-0	mg/L	5/16/2019	ND	
MW-50	d	Nickel	7440-02-0	mg/L	5/20/2019	J	0.00122

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-51	d	Nickel	7440-02-0	mg/L	5/20/2019		0.00341
MW-52	d	Nickel	7440-02-0	mg/L	5/20/2019		0.00497
MW-54	d	Nickel	7440-02-0	mg/L	5/20/2019		0.00584
MW-56	d	Nickel	7440-02-0	mg/L	5/20/2019		0.00709
MW-53	d	Nickel	7440-02-0	mg/L	5/21/2019		0.00796
MW-14R	d	Nickel	7440-02-0	mg/L	9/11/2019	ND	
MW-29	d	Nickel	7440-02-0	mg/L	9/11/2019		0.0971
MW-30R	d	Nickel	7440-02-0	mg/L	9/11/2019		0.00576
MW-31R	d	Nickel	7440-02-0	mg/L	9/11/2019	ND	
MW-32R	d	Nickel	7440-02-0	mg/L	9/11/2019	ND	
MW-33R	d	Nickel	7440-02-0	mg/L	9/11/2019		0.00555
MW-58	d	Nickel	7440-02-0	mg/L	9/11/2019		0.0235
GU-3A	d	Nickel	7440-02-0	mg/L	3/16/2020		0.00512
MW-31R	d	Nickel	7440-02-0	mg/L	3/16/2020	ND	
MW-32R	d	Nickel	7440-02-0	mg/L	3/16/2020	ND	
MW-33R	d	Nickel	7440-02-0	mg/L	3/16/2020		0.00611
MW-14R	d	Nickel	7440-02-0	mg/L	3/17/2020	ND	
MW-29	d	Nickel	7440-02-0	mg/L	3/17/2020		0.0934
MW-30R	d	Nickel	7440-02-0	mg/L	3/17/2020		0.00635
MW-58	d	Nickel	7440-02-0	mg/L	3/17/2020		0.0256
MW-19	d	Nickel	7440-02-0	mg/L	7/20/2020	ND	
MW-28	d	Nickel	7440-02-0	mg/L	7/20/2020	ND	
MW-51	d	Nickel	7440-02-0	mg/L	7/20/2020	J	0.00266
MW-55	d	Nickel	7440-02-0	mg/L	7/20/2020	ND	
MW-56	d	Nickel	7440-02-0	mg/L	7/20/2020		0.00763
MW-57R	d	Nickel	7440-02-0	mg/L	7/20/2020		0.0401
MW-73	d	Nickel	7440-02-0	mg/L	7/20/2020		0.0202
MW-18	d	Nickel	7440-02-0	mg/L	7/21/2020	J	0.0027
MW-39	d	Nickel	7440-02-0	mg/L	7/21/2020		0.0127
MW-50	d	Nickel	7440-02-0	mg/L	7/21/2020	ND	
MW-52	d	Nickel	7440-02-0	mg/L	7/21/2020	J	0.00441
MW-53	d	Nickel	7440-02-0	mg/L	7/21/2020		0.00855
MW-54	d	Nickel	7440-02-0	mg/L	7/21/2020		0.0064
MW-23	u	Nickel	7440-02-0	mg/L	7/22/2020	ND	
MW-24R	u	Nickel	7440-02-0	mg/L	7/22/2020	ND	
MW-55	d	Nickel	7440-02-0	mg/L	11/12/2020	J	0.00221
MW-32R	d	Nickel	7440-02-0	mg/L	8/24/2021	J	0.00305
MW-33R	d	Nickel	7440-02-0	mg/L	8/24/2021		0.00501
MW-14R	d	Nickel	7440-02-0	mg/L	8/24/2021		<0.00500
MW-31R	d	Nickel	7440-02-0	mg/L	8/24/2021		<0.00500
MW-29	d	Nickel	7440-02-0	mg/L	8/25/2021		0.0936
MW-58	d	Nickel	7440-02-0	mg/L	8/25/2021		0.0503
MW-30R	d	Nickel	7440-02-0	mg/L	8/25/2021	J	0.00378
MW-57R	d	Nickel	7440-02-0	mg/L	8/26/2021		0.0392
MW-73	d	Nickel	7440-02-0	mg/L	8/27/2021		0.0242
GU-3A	d	Nickel	7440-02-0	mg/L	9/8/2021	J	0.00344
MW-24R	u	Nickel	7440-02-0	mg/L	12/7/2021		<0.00500
MW-28	d	Nickel	7440-02-0	mg/L	12/7/2021		<0.00500
MW-57R	d	Nickel	7440-02-0	mg/L	12/7/2021		0.0356
MW-73	d	Nickel	7440-02-0	mg/L	12/7/2021		0.0209
MW-56	d	Nickel	7440-02-0	mg/L	12/7/2021		0.0177
MW-19	d	Nickel	7440-02-0	mg/L	12/7/2021		<0.00500
MW-18	d	Nickel	7440-02-0	mg/L	12/7/2021	J	0.00251
MW-55	d	Nickel	7440-02-0	mg/L	12/7/2021		<0.00500
MW-50	d	Nickel	7440-02-0	mg/L	12/7/2021		<0.00500
MW-23	u	Nickel	7440-02-0	mg/L	12/8/2021		<0.00500
MW-39	d	Nickel	7440-02-0	mg/L	12/8/2021		0.0149
MW-51	d	Nickel	7440-02-0	mg/L	12/8/2021	J	0.00259
MW-52	d	Nickel	7440-02-0	mg/L	12/8/2021	J	0.00498
MW-53	d	Nickel	7440-02-0	mg/L	12/8/2021		0.00982
MW-54	d	Nickel	7440-02-0	mg/L	12/8/2021		0.00637
MW-68	d	Nitrate as N	14797-55-8	mg/L	6/30/2015		0.14
MW-69	d	Nitrate as N	14797-55-8	mg/L	6/30/2015	ND	
MW-70	d	Nitrate as N	14797-55-8	mg/L	6/30/2015	ND	
MW-72	d	Nitrate as N	14797-55-8	mg/L	6/30/2015	ND	
PZ-13	d	Nitrate as N	14797-55-8	mg/L	7/1/2015	ND	
MW-68	d	Nitrate as N	14797-55-8	mg/L	9/24/2015	ND	
MW-69	d	Nitrate as N	14797-55-8	mg/L	9/24/2015	ND	
MW-70	d	Nitrate as N	14797-55-8	mg/L	9/25/2015	J	0.0585
MW-72	d	Nitrate as N	14797-55-8	mg/L	9/25/2015	ND	
PZ-13	d	Nitrate as N	14797-55-8	mg/L	9/25/2015	ND	
MW-14R	d	Nitrate as N	14797-55-8	mg/L	2/15/2016	ND	
MW-29	d	Nitrate as N	14797-55-8	mg/L	2/15/2016		0.114
MW-30R	d	Nitrate as N	14797-55-8	mg/L	2/15/2016	ND	
MW-31R	d	Nitrate as N	14797-55-8	mg/L	2/15/2016	ND	
MW-32R	d	Nitrate as N	14797-55-8	mg/L	2/15/2016	ND	
MW-33R	d	Nitrate as N	14797-55-8	mg/L	2/15/2016	ND	
MW-20	d	Nitrate as N	14797-55-8	mg/L	2/16/2016	ND	
MW-21	d	Nitrate as N	14797-55-8	mg/L	2/16/2016		0.879
MW-26	d	Nitrate as N	14797-55-8	mg/L	2/16/2016		9.97
MW-34	d	Nitrate as N	14797-55-8	mg/L	2/16/2016		0.247
MW-35R	d	Nitrate as N	14797-55-8	mg/L	2/16/2016	ND	
MW-57	d	Nitrate as N	14797-55-8	mg/L	2/16/2016	ND	
MW-58	d	Nitrate as N	14797-55-8	mg/L	2/16/2016	ND	
MW-68	d	Nitrate as N	14797-55-8	mg/L	2/16/2016	ND	
MW-69	d	Nitrate as N	14797-55-8	mg/L	2/16/2016	ND	
MW-71	d	Nitrate as N	14797-55-8	mg/L	2/16/2016	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
PZ-13	d	Nitrate as N	14797-55-8	mg/L	2/16/2016	ND	
MW-23	u	Nitrate as N	14797-55-8	mg/L	2/17/2016		2.23
MW-24R	u	Nitrate as N	14797-55-8	mg/L	2/17/2016		4.46
MW-43	d	Nitrate as N	14797-55-8	mg/L	2/17/2016	ND	
MW-53	d	Nitrate as N	14797-55-8	mg/L	2/17/2016	ND	
MW-54	d	Nitrate as N	14797-55-8	mg/L	2/17/2016	ND	
MW-63	d	Nitrate as N	14797-55-8	mg/L	2/17/2016		0.422
MW-64	d	Nitrate as N	14797-55-8	mg/L	2/17/2016		0.163
MW-65	d	Nitrate as N	14797-55-8	mg/L	2/17/2016		1.7
MW-70	d	Nitrate as N	14797-55-8	mg/L	2/17/2016	ND	
MW-72	d	Nitrate as N	14797-55-8	mg/L	2/17/2016	ND	
PZ-11	d	Nitrate as N	14797-55-8	mg/L	2/17/2016		0.276
MW-52	d	Nitrate as N	14797-55-8	mg/L	5/4/2016	ND	
SW-105	d	Nitrate as N	14797-55-8	mg/L	4/3/2018		0.53
SW-107	d	Nitrate as N	14797-55-8	mg/L	4/3/2018		6.07
SW-105	d	Nitrate as N	14797-55-8	mg/L	9/25/2019		0.985
SW-107	d	Nitrate as N	14797-55-8	mg/L	9/25/2019		3.22
SW-105	d	Nitrate as N	14797-55-8	mg/L	3/10/2020	ND	
SW-107	d	Nitrate as N	14797-55-8	mg/L	3/10/2020		4.91
SW-107	d	Nitrate as N	14797-55-8	mg/L	9/8/2021		0.166
MW-39	d	Nitrobenzene	98-95-3	ug/L	3/11/2013	ND	
MW-31R	d	Nitrobenzene	98-95-3	ug/L	9/10/2013	ND	
MW-32R	d	Nitrobenzene	98-95-3	ug/L	9/10/2013	ND	
MW-18	d	Nitrobenzene	98-95-3	ug/L	12/18/2013	ND	
MW-20	d	Nitrobenzene	98-95-3	ug/L	12/18/2013	ND	
MW-21	d	Nitrobenzene	98-95-3	ug/L	12/18/2013	ND	
MW-22R	d	Nitrobenzene	98-95-3	ug/L	12/18/2013	ND	
MW-30R	d	Nitrobenzene	98-95-3	ug/L	12/18/2013	ND	
MW-18	d	Nitrobenzene	98-95-3	ug/L	6/24/2014	ND	
MW-29	d	Nitrobenzene	98-95-3	ug/L	7/24/2014	ND	
MW-57	d	Nitrobenzene	98-95-3	ug/L	7/24/2014	ND	
MW-58	d	Nitrobenzene	98-95-3	ug/L	7/24/2014	ND	
MW-33R	d	Nitrobenzene	98-95-3	ug/L	9/24/2014	ND	
MW-50	d	Nitrobenzene	98-95-3	ug/L	9/24/2014	ND	
MW-51	d	Nitrobenzene	98-95-3	ug/L	9/24/2014	ND	
MW-52	d	Nitrobenzene	98-95-3	ug/L	9/24/2014	ND	
MW-53	d	Nitrobenzene	98-95-3	ug/L	9/24/2014	ND	
MW-54	d	Nitrobenzene	98-95-3	ug/L	9/24/2014	ND	
MW-14R	d	Nitrobenzene	98-95-3	ug/L	12/4/2014	ND	
MW-19	d	Nitrobenzene	98-95-3	ug/L	12/4/2014	ND	
MW-28	d	Nitrobenzene	98-95-3	ug/L	12/4/2014	ND	
MW-56	d	Nitrobenzene	98-95-3	ug/L	12/4/2014	ND	
MW-55	d	Nitrobenzene	98-95-3	ug/L	3/11/2015	ND	
MW-20	d	Nitrobenzene	98-95-3	ug/L	4/3/2018	ND	
MW-21	d	Nitrobenzene	98-95-3	ug/L	4/3/2018	ND	
MW-30R	d	Nitrobenzene	98-95-3	ug/L	4/3/2018	ND	
MW-31R	d	Nitrobenzene	98-95-3	ug/L	4/3/2018	ND	
MW-32R	d	Nitrobenzene	98-95-3	ug/L	4/3/2018	ND	
MW-39	d	Nitrobenzene	98-95-3	ug/L	11/1/2018	ND	
MW-22R	d	Nitrobenzene	98-95-3	ug/L	11/2/2018	ND	
MW-18	d	Nitrobenzene	98-95-3	ug/L	5/16/2019	ND	
MW-19	d	Nitrobenzene	98-95-3	ug/L	5/16/2019	ND	
MW-28	d	Nitrobenzene	98-95-3	ug/L	5/16/2019	ND	
MW-50	d	Nitrobenzene	98-95-3	ug/L	5/20/2019	ND	
MW-51	d	Nitrobenzene	98-95-3	ug/L	5/20/2019	ND	
MW-52	d	Nitrobenzene	98-95-3	ug/L	5/20/2019	ND	
MW-53	d	Nitrobenzene	98-95-3	ug/L	5/20/2019	ND	
MW-54	d	Nitrobenzene	98-95-3	ug/L	5/20/2019	ND	
MW-56	d	Nitrobenzene	98-95-3	ug/L	5/20/2019	ND	
MW-14R	d	Nitrobenzene	98-95-3	ug/L	9/11/2019	ND	
MW-29	d	Nitrobenzene	98-95-3	ug/L	9/11/2019	ND	
MW-33R	d	Nitrobenzene	98-95-3	ug/L	9/11/2019	ND	
MW-58	d	Nitrobenzene	98-95-3	ug/L	9/11/2019	ND	
MW-55	d	Nitrobenzene	98-95-3	ug/L	11/12/2020	ND	
MW-39	d	N-Nitrosodiethylamine	55-18-5	ug/L	3/11/2013	ND	
MW-31R	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/10/2013	ND	
MW-32R	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/10/2013	ND	
MW-18	d	N-Nitrosodiethylamine	55-18-5	ug/L	12/18/2013	ND	
MW-20	d	N-Nitrosodiethylamine	55-18-5	ug/L	12/18/2013	ND	
MW-21	d	N-Nitrosodiethylamine	55-18-5	ug/L	12/18/2013	ND	
MW-22R	d	N-Nitrosodiethylamine	55-18-5	ug/L	12/18/2013	ND	
MW-30R	d	N-Nitrosodiethylamine	55-18-5	ug/L	12/18/2013	ND	
MW-18	d	N-Nitrosodiethylamine	55-18-5	ug/L	6/24/2014	ND	
MW-29	d	N-Nitrosodiethylamine	55-18-5	ug/L	7/24/2014	ND	
MW-57	d	N-Nitrosodiethylamine	55-18-5	ug/L	7/24/2014	ND	
MW-58	d	N-Nitrosodiethylamine	55-18-5	ug/L	7/24/2014	ND	
MW-33R	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/24/2014	ND	
MW-50	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/24/2014	ND	
MW-51	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/24/2014	ND	
MW-52	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/24/2014	ND	
MW-53	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/24/2014	ND	
MW-54	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/24/2014	ND	
MW-14R	d	N-Nitrosodiethylamine	55-18-5	ug/L	12/4/2014	ND	
MW-19	d	N-Nitrosodiethylamine	55-18-5	ug/L	12/4/2014	ND	
MW-28	d	N-Nitrosodiethylamine	55-18-5	ug/L	12/4/2014	ND	
MW-56	d	N-Nitrosodiethylamine	55-18-5	ug/L	12/4/2014	ND	
MW-55	d	N-Nitrosodiethylamine	55-18-5	ug/L	3/11/2015	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-20	d	N-Nitrosodiethylamine	55-18-5	ug/L	4/3/2018	ND	
MW-21	d	N-Nitrosodiethylamine	55-18-5	ug/L	4/3/2018	ND	
MW-30R	d	N-Nitrosodiethylamine	55-18-5	ug/L	4/3/2018	ND	
MW-31R	d	N-Nitrosodiethylamine	55-18-5	ug/L	4/3/2018	ND	
MW-32R	d	N-Nitrosodiethylamine	55-18-5	ug/L	4/3/2018	ND	
MW-39	d	N-Nitrosodiethylamine	55-18-5	ug/L	11/1/2018	ND	
MW-22R	d	N-Nitrosodiethylamine	55-18-5	ug/L	11/2/2018	ND	
MW-18	d	N-Nitrosodiethylamine	55-18-5	ug/L	5/16/2019	ND	
MW-19	d	N-Nitrosodiethylamine	55-18-5	ug/L	5/16/2019	ND	
MW-28	d	N-Nitrosodiethylamine	55-18-5	ug/L	5/16/2019	ND	
MW-50	d	N-Nitrosodiethylamine	55-18-5	ug/L	5/20/2019	ND	
MW-51	d	N-Nitrosodiethylamine	55-18-5	ug/L	5/20/2019	ND	
MW-52	d	N-Nitrosodiethylamine	55-18-5	ug/L	5/20/2019	ND	
MW-53	d	N-Nitrosodiethylamine	55-18-5	ug/L	5/20/2019	ND	
MW-54	d	N-Nitrosodiethylamine	55-18-5	ug/L	5/20/2019	ND	
MW-56	d	N-Nitrosodiethylamine	55-18-5	ug/L	5/20/2019	ND	
MW-14R	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/11/2019	ND	
MW-29	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/11/2019	ND	
MW-33R	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/11/2019	ND	
MW-58	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/11/2019	ND	
MW-55	d	N-Nitrosodiethylamine	55-18-5	ug/L	11/12/2020	ND	
MW-39	d	N-Nitrosodimethylamine	62-75-9	ug/L	3/11/2013	ND	
MW-31R	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/10/2013	ND	
MW-32R	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/10/2013	ND	
MW-18	d	N-Nitrosodimethylamine	62-75-9	ug/L	12/18/2013	ND	
MW-20	d	N-Nitrosodimethylamine	62-75-9	ug/L	12/18/2013	ND	
MW-21	d	N-Nitrosodimethylamine	62-75-9	ug/L	12/18/2013	ND	
MW-22R	d	N-Nitrosodimethylamine	62-75-9	ug/L	12/18/2013	ND	
MW-30R	d	N-Nitrosodimethylamine	62-75-9	ug/L	12/18/2013	ND	
MW-18	d	N-Nitrosodimethylamine	62-75-9	ug/L	6/24/2014	ND	
MW-29	d	N-Nitrosodimethylamine	62-75-9	ug/L	7/24/2014	ND	
MW-57	d	N-Nitrosodimethylamine	62-75-9	ug/L	7/24/2014	ND	
MW-58	d	N-Nitrosodimethylamine	62-75-9	ug/L	7/24/2014	ND	
MW-33R	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/24/2014	ND	
MW-50	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/24/2014	ND	
MW-51	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/24/2014	ND	
MW-52	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/24/2014	ND	
MW-53	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/24/2014	ND	
MW-54	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/24/2014	ND	
MW-14R	d	N-Nitrosodimethylamine	62-75-9	ug/L	12/4/2014	ND	
MW-19	d	N-Nitrosodimethylamine	62-75-9	ug/L	12/4/2014	ND	
MW-28	d	N-Nitrosodimethylamine	62-75-9	ug/L	12/4/2014	ND	
MW-56	d	N-Nitrosodimethylamine	62-75-9	ug/L	12/4/2014	ND	
MW-55	d	N-Nitrosodimethylamine	62-75-9	ug/L	3/11/2015	ND	
MW-20	d	N-Nitrosodimethylamine	62-75-9	ug/L	4/3/2018	ND	
MW-21	d	N-Nitrosodimethylamine	62-75-9	ug/L	4/3/2018	ND	
MW-30R	d	N-Nitrosodimethylamine	62-75-9	ug/L	4/3/2018	ND	
MW-31R	d	N-Nitrosodimethylamine	62-75-9	ug/L	4/3/2018	ND	
MW-32R	d	N-Nitrosodimethylamine	62-75-9	ug/L	4/3/2018	ND	
MW-39	d	N-Nitrosodimethylamine	62-75-9	ug/L	11/1/2018	ND	
MW-22R	d	N-Nitrosodimethylamine	62-75-9	ug/L	11/2/2018	ND	
MW-18	d	N-Nitrosodimethylamine	62-75-9	ug/L	5/16/2019	ND	
MW-19	d	N-Nitrosodimethylamine	62-75-9	ug/L	5/16/2019	ND	
MW-28	d	N-Nitrosodimethylamine	62-75-9	ug/L	5/16/2019	ND	
MW-50	d	N-Nitrosodimethylamine	62-75-9	ug/L	5/20/2019	ND	
MW-51	d	N-Nitrosodimethylamine	62-75-9	ug/L	5/20/2019	ND	
MW-52	d	N-Nitrosodimethylamine	62-75-9	ug/L	5/20/2019	ND	
MW-53	d	N-Nitrosodimethylamine	62-75-9	ug/L	5/20/2019	ND	
MW-54	d	N-Nitrosodimethylamine	62-75-9	ug/L	5/20/2019	ND	
MW-56	d	N-Nitrosodimethylamine	62-75-9	ug/L	5/20/2019	ND	
MW-14R	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/11/2019	ND	
MW-29	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/11/2019	ND	
MW-33R	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/11/2019	ND	
MW-58	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/11/2019	ND	
MW-55	d	N-Nitrosodimethylamine	62-75-9	ug/L	11/12/2020	ND	
MW-39	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	3/11/2013	ND	
MW-31R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/10/2013	ND	
MW-32R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/10/2013	ND	
MW-18	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	12/18/2013	ND	
MW-20	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	12/18/2013	ND	
MW-21	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	12/18/2013	ND	
MW-22R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	12/18/2013	ND	
MW-30R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	12/18/2013	ND	
MW-18	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	6/24/2014	ND	
MW-29	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	7/24/2014	ND	
MW-57	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	7/24/2014	ND	
MW-58	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	7/24/2014	ND	
MW-33R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/24/2014	ND	
MW-50	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/24/2014	ND	
MW-51	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/24/2014	ND	
MW-52	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/24/2014	ND	
MW-53	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/24/2014	ND	
MW-54	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/24/2014	ND	
MW-14R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	12/4/2014	ND	
MW-19	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	12/4/2014	ND	
MW-28	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	12/4/2014	ND	
MW-56	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	12/4/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-55	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	3/11/2015	ND	
MW-20	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/3/2018	ND	
MW-21	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/3/2018	ND	
MW-30R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/3/2018	ND	
MW-31R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/3/2018	ND	
MW-32R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/3/2018	ND	
MW-39	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	11/1/2018	ND	
MW-22R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	11/2/2018	ND	
MW-18	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/16/2019	ND	
MW-19	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/16/2019	ND	
MW-28	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/16/2019	ND	
MW-50	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/20/2019	ND	
MW-51	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/20/2019	ND	
MW-52	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/20/2019	ND	
MW-53	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/20/2019	ND	
MW-54	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/20/2019	ND	
MW-56	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/20/2019	ND	
MW-14R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/11/2019	ND	
MW-29	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/11/2019	ND	
MW-33R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/11/2019	ND	
MW-58	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/11/2019	ND	
MW-55	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	11/12/2020	ND	
MW-39	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	3/11/2013	ND	
MW-31R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/10/2013	ND	
MW-32R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/10/2013	ND	
MW-18	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	12/18/2013	ND	
MW-20	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	12/18/2013	ND	
MW-21	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	12/18/2013	ND	
MW-22R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	12/18/2013	ND	
MW-30R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	12/18/2013	ND	
MW-18	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	6/24/2014	ND	
MW-29	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	7/24/2014	ND	
MW-57	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	7/24/2014	ND	
MW-58	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	7/24/2014	ND	
MW-33R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/24/2014	ND	
MW-50	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/24/2014	ND	
MW-51	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/24/2014	ND	
MW-52	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/24/2014	ND	
MW-53	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/24/2014	ND	
MW-54	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/24/2014	ND	
MW-14R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	12/4/2014	ND	
MW-19	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	12/4/2014	ND	
MW-28	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	12/4/2014	ND	
MW-56	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	12/4/2014	ND	
MW-55	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	3/11/2015	ND	
MW-20	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/3/2018	ND	
MW-21	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/3/2018	ND	
MW-30R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/3/2018	ND	
MW-31R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/3/2018	ND	
MW-32R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/3/2018	ND	
MW-39	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	11/1/2018	ND	
MW-22R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	11/2/2018	ND	
MW-18	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/16/2019	ND	
MW-19	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/16/2019	ND	
MW-28	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/16/2019	ND	
MW-50	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/20/2019	ND	
MW-51	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/20/2019	ND	
MW-52	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/20/2019	ND	
MW-53	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/20/2019	ND	
MW-54	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/20/2019	ND	
MW-56	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/20/2019	ND	
MW-14R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/11/2019	ND	
MW-29	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/11/2019	ND	
MW-33R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/11/2019	ND	
MW-58	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/11/2019	ND	
MW-55	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	11/12/2020	ND	
MW-39	d	N-Nitrosodiphenylamine	86-30-6	ug/L	3/11/2013	ND	
MW-31R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/10/2013	ND	
MW-32R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/10/2013	ND	
MW-18	d	N-Nitrosodiphenylamine	86-30-6	ug/L	12/18/2013	ND	
MW-20	d	N-Nitrosodiphenylamine	86-30-6	ug/L	12/18/2013	ND	
MW-21	d	N-Nitrosodiphenylamine	86-30-6	ug/L	12/18/2013	ND	
MW-22R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	12/18/2013	ND	
MW-30R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	12/18/2013	ND	
MW-18	d	N-Nitrosodiphenylamine	86-30-6	ug/L	6/24/2014	ND	
MW-29	d	N-Nitrosodiphenylamine	86-30-6	ug/L	7/24/2014	ND	
MW-57	d	N-Nitrosodiphenylamine	86-30-6	ug/L	7/24/2014	ND	
MW-58	d	N-Nitrosodiphenylamine	86-30-6	ug/L	7/24/2014	ND	
MW-33R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/24/2014	ND	
MW-50	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/24/2014	ND	
MW-51	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/24/2014	ND	
MW-52	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/24/2014	ND	
MW-53	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/24/2014	ND	
MW-54	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/24/2014	ND	
MW-14R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	12/4/2014	ND	
MW-19	d	N-Nitrosodiphenylamine	86-30-6	ug/L	12/4/2014	ND	
MW-28	d	N-Nitrosodiphenylamine	86-30-6	ug/L	12/4/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	N-Nitrosodiphenylamine	86-30-6	ug/L	12/4/2014	ND	
MW-55	d	N-Nitrosodiphenylamine	86-30-6	ug/L	3/11/2015	ND	
MW-20	d	N-Nitrosodiphenylamine	86-30-6	ug/L	4/3/2018	ND	
MW-21	d	N-Nitrosodiphenylamine	86-30-6	ug/L	4/3/2018	ND	
MW-30R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	4/3/2018	ND	
MW-31R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	4/3/2018	ND	
MW-32R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	4/3/2018	ND	
MW-39	d	N-Nitrosodiphenylamine	86-30-6	ug/L	11/1/2018	ND	
MW-22R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	11/2/2018	ND	
MW-18	d	N-Nitrosodiphenylamine	86-30-6	ug/L	5/16/2019	ND	
MW-19	d	N-Nitrosodiphenylamine	86-30-6	ug/L	5/16/2019	ND	
MW-28	d	N-Nitrosodiphenylamine	86-30-6	ug/L	5/16/2019	ND	
MW-50	d	N-Nitrosodiphenylamine	86-30-6	ug/L	5/20/2019	ND	
MW-51	d	N-Nitrosodiphenylamine	86-30-6	ug/L	5/20/2019	ND	
MW-52	d	N-Nitrosodiphenylamine	86-30-6	ug/L	5/20/2019	ND	
MW-53	d	N-Nitrosodiphenylamine	86-30-6	ug/L	5/20/2019	ND	
MW-54	d	N-Nitrosodiphenylamine	86-30-6	ug/L	5/20/2019	ND	
MW-56	d	N-Nitrosodiphenylamine	86-30-6	ug/L	5/20/2019	ND	
MW-14R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/11/2019	ND	
MW-29	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/11/2019	ND	
MW-33R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/11/2019	ND	
MW-58	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/11/2019	ND	
MW-55	d	N-Nitrosodiphenylamine	86-30-6	ug/L	11/12/2020	ND**1	
MW-39	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	3/11/2013	ND	
MW-31R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/10/2013	ND	
MW-32R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/10/2013	ND	
MW-18	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	12/18/2013	ND	
MW-20	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	12/18/2013	ND	
MW-21	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	12/18/2013	ND	
MW-22R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	12/18/2013	ND	
MW-30R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	12/18/2013	ND	
MW-18	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	6/24/2014	ND	
MW-29	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	7/24/2014	ND	
MW-57	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	7/24/2014	ND	
MW-58	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	7/24/2014	ND	
MW-33R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/24/2014	ND	
MW-50	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/24/2014	ND	
MW-51	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/24/2014	ND	
MW-52	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/24/2014	ND	
MW-53	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/24/2014	ND	
MW-54	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/24/2014	ND	
MW-14R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	12/4/2014	ND	
MW-19	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	12/4/2014	ND	
MW-28	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	12/4/2014	ND	
MW-56	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	12/4/2014	ND	
MW-55	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	3/11/2015	ND	
MW-20	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	4/3/2018	ND	
MW-21	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	4/3/2018	ND	
MW-30R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	4/3/2018	ND	
MW-31R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	4/3/2018	ND	
MW-32R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	4/3/2018	ND	
MW-39	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	11/1/2018	ND	
MW-22R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	11/2/2018	ND	
MW-18	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	5/16/2019	ND	
MW-19	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	5/16/2019	ND	
MW-28	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	5/16/2019	ND	
MW-50	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	5/20/2019	ND	
MW-51	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	5/20/2019	ND	
MW-52	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	5/20/2019	ND	
MW-53	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	5/20/2019	ND	
MW-54	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	5/20/2019	ND	
MW-56	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	5/20/2019	ND	
MW-14R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/11/2019	ND	
MW-29	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/11/2019	ND	
MW-33R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/11/2019	ND	
MW-58	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/11/2019	ND	
MW-55	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	11/12/2020	ND	
MW-39	d	N-Nitrosopiperidine	100-75-4	ug/L	3/11/2013	ND	
MW-31R	d	N-Nitrosopiperidine	100-75-4	ug/L	9/10/2013	ND	
MW-32R	d	N-Nitrosopiperidine	100-75-4	ug/L	9/10/2013	ND	
MW-18	d	N-Nitrosopiperidine	100-75-4	ug/L	12/18/2013	ND	
MW-20	d	N-Nitrosopiperidine	100-75-4	ug/L	12/18/2013	ND	
MW-21	d	N-Nitrosopiperidine	100-75-4	ug/L	12/18/2013	ND	
MW-22R	d	N-Nitrosopiperidine	100-75-4	ug/L	12/18/2013	ND	
MW-30R	d	N-Nitrosopiperidine	100-75-4	ug/L	12/18/2013	ND	
MW-18	d	N-Nitrosopiperidine	100-75-4	ug/L	6/24/2014	ND	
MW-29	d	N-Nitrosopiperidine	100-75-4	ug/L	7/24/2014	ND	
MW-57	d	N-Nitrosopiperidine	100-75-4	ug/L	7/24/2014	ND	
MW-58	d	N-Nitrosopiperidine	100-75-4	ug/L	7/24/2014	ND	
MW-33R	d	N-Nitrosopiperidine	100-75-4	ug/L	9/24/2014	ND	
MW-50	d	N-Nitrosopiperidine	100-75-4	ug/L	9/24/2014	ND	
MW-51	d	N-Nitrosopiperidine	100-75-4	ug/L	9/24/2014	ND	
MW-52	d	N-Nitrosopiperidine	100-75-4	ug/L	9/24/2014	ND	
MW-53	d	N-Nitrosopiperidine	100-75-4	ug/L	9/24/2014	ND	
MW-54	d	N-Nitrosopiperidine	100-75-4	ug/L	9/24/2014	ND	
MW-14R	d	N-Nitrosopiperidine	100-75-4	ug/L	12/4/2014	ND	
MW-19	d	N-Nitrosopiperidine	100-75-4	ug/L	12/4/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-28	d	N-Nitrosopiperidine	100-75-4	ug/L	12/4/2014	ND	
MW-56	d	N-Nitrosopiperidine	100-75-4	ug/L	12/4/2014	ND	
MW-55	d	N-Nitrosopiperidine	100-75-4	ug/L	3/11/2015	ND	
MW-20	d	N-Nitrosopiperidine	100-75-4	ug/L	4/3/2018	ND	
MW-21	d	N-Nitrosopiperidine	100-75-4	ug/L	4/3/2018	ND	
MW-30R	d	N-Nitrosopiperidine	100-75-4	ug/L	4/3/2018	ND	
MW-31R	d	N-Nitrosopiperidine	100-75-4	ug/L	4/3/2018	ND	
MW-32R	d	N-Nitrosopiperidine	100-75-4	ug/L	4/3/2018	ND	
MW-39	d	N-Nitrosopiperidine	100-75-4	ug/L	11/1/2018	ND	
MW-22R	d	N-Nitrosopiperidine	100-75-4	ug/L	11/2/2018	ND	
MW-18	d	N-Nitrosopiperidine	100-75-4	ug/L	5/16/2019	ND	
MW-19	d	N-Nitrosopiperidine	100-75-4	ug/L	5/16/2019	ND	
MW-28	d	N-Nitrosopiperidine	100-75-4	ug/L	5/16/2019	ND	
MW-50	d	N-Nitrosopiperidine	100-75-4	ug/L	5/20/2019	ND	
MW-51	d	N-Nitrosopiperidine	100-75-4	ug/L	5/20/2019	ND	
MW-52	d	N-Nitrosopiperidine	100-75-4	ug/L	5/20/2019	ND	
MW-53	d	N-Nitrosopiperidine	100-75-4	ug/L	5/20/2019	ND	
MW-54	d	N-Nitrosopiperidine	100-75-4	ug/L	5/20/2019	ND	
MW-56	d	N-Nitrosopiperidine	100-75-4	ug/L	5/20/2019	ND	
MW-14R	d	N-Nitrosopiperidine	100-75-4	ug/L	9/11/2019	ND	
MW-29	d	N-Nitrosopiperidine	100-75-4	ug/L	9/11/2019	ND	
MW-33R	d	N-Nitrosopiperidine	100-75-4	ug/L	9/11/2019	ND	
MW-58	d	N-Nitrosopiperidine	100-75-4	ug/L	9/11/2019	ND	
MW-55	d	N-Nitrosopiperidine	100-75-4	ug/L	11/12/2020	ND	
MW-39	d	N-Nitrosopyrrolidine	930-55-2	ug/L	3/11/2013	ND	
MW-31R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/10/2013	ND	
MW-32R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/10/2013	ND	
MW-18	d	N-Nitrosopyrrolidine	930-55-2	ug/L	12/18/2013	ND	
MW-20	d	N-Nitrosopyrrolidine	930-55-2	ug/L	12/18/2013	ND	
MW-21	d	N-Nitrosopyrrolidine	930-55-2	ug/L	12/18/2013	ND	
MW-22R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	12/18/2013	ND	
MW-30R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	12/18/2013	ND	
MW-18	d	N-Nitrosopyrrolidine	930-55-2	ug/L	6/24/2014	ND	
MW-29	d	N-Nitrosopyrrolidine	930-55-2	ug/L	7/24/2014	ND	
MW-57	d	N-Nitrosopyrrolidine	930-55-2	ug/L	7/24/2014	ND	
MW-58	d	N-Nitrosopyrrolidine	930-55-2	ug/L	7/24/2014	ND	
MW-33R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/24/2014	ND	
MW-50	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/24/2014	ND	
MW-51	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/24/2014	ND	
MW-52	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/24/2014	ND	
MW-53	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/24/2014	ND	
MW-54	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/24/2014	ND	
MW-14R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	12/4/2014	ND	
MW-19	d	N-Nitrosopyrrolidine	930-55-2	ug/L	12/4/2014	ND	
MW-28	d	N-Nitrosopyrrolidine	930-55-2	ug/L	12/4/2014	ND	
MW-56	d	N-Nitrosopyrrolidine	930-55-2	ug/L	12/4/2014	ND	
MW-55	d	N-Nitrosopyrrolidine	930-55-2	ug/L	3/11/2015	ND	
MW-20	d	N-Nitrosopyrrolidine	930-55-2	ug/L	4/3/2018	ND	
MW-21	d	N-Nitrosopyrrolidine	930-55-2	ug/L	4/3/2018	ND	
MW-30R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	4/3/2018	ND	
MW-31R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	4/3/2018	ND	
MW-32R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	4/3/2018	ND	
MW-39	d	N-Nitrosopyrrolidine	930-55-2	ug/L	11/1/2018	ND	
MW-22R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	11/2/2018	ND	
MW-18	d	N-Nitrosopyrrolidine	930-55-2	ug/L	5/16/2019	ND	
MW-19	d	N-Nitrosopyrrolidine	930-55-2	ug/L	5/16/2019	ND	
MW-28	d	N-Nitrosopyrrolidine	930-55-2	ug/L	5/16/2019	ND	
MW-50	d	N-Nitrosopyrrolidine	930-55-2	ug/L	5/20/2019	ND	
MW-51	d	N-Nitrosopyrrolidine	930-55-2	ug/L	5/20/2019	ND	
MW-52	d	N-Nitrosopyrrolidine	930-55-2	ug/L	5/20/2019	ND	
MW-53	d	N-Nitrosopyrrolidine	930-55-2	ug/L	5/20/2019	ND	
MW-54	d	N-Nitrosopyrrolidine	930-55-2	ug/L	5/20/2019	ND	
MW-56	d	N-Nitrosopyrrolidine	930-55-2	ug/L	5/20/2019	ND	
MW-14R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/11/2019	ND	
MW-29	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/11/2019	ND	
MW-33R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/11/2019	ND	
MW-58	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/11/2019	ND	
MW-55	d	N-Nitrosopyrrolidine	930-55-2	ug/L	11/12/2020	ND	
MW-39	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	3/11/2013	ND	
MW-31R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	9/10/2013	ND	
MW-32R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	9/10/2013	ND	
MW-18	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	12/18/2013	ND	
MW-20	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	12/18/2013	ND	
MW-21	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	12/18/2013	ND	
MW-22R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	12/18/2013	ND	
MW-30R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	12/18/2013	ND	
MW-18	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	6/24/2014	ND	
MW-29	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	7/24/2014	ND	
MW-57	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	7/24/2014	ND	
MW-58	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	7/24/2014	ND	
MW-33R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	9/24/2014	ND	
MW-50	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	9/24/2014	ND	
MW-51	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	9/24/2014	ND	
MW-52	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	9/24/2014	ND	
MW-53	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	9/24/2014	ND	
MW-54	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	9/24/2014	ND	
MW-14R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	12/4/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	12/4/2014	ND	
MW-28	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	12/4/2014	ND	
MW-56	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	12/4/2014	ND	
MW-55	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	3/11/2015	ND	
MW-20	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	4/3/2018	ND	
MW-21	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	4/3/2018	ND	
MW-30R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	4/3/2018	ND	
MW-31R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	4/3/2018	ND	
MW-32R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	4/3/2018	ND	
MW-39	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	11/1/2018	ND	
MW-22R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	11/2/2018	ND	
MW-18	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	5/16/2019	ND	
MW-19	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	5/16/2019	ND	
MW-28	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	5/16/2019	ND	
MW-50	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	5/20/2019	ND	
MW-51	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	5/20/2019	ND	
MW-52	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	5/20/2019	ND	
MW-53	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	5/20/2019	ND	
MW-54	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	5/20/2019	ND	
MW-56	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	5/20/2019	ND	
MW-14R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	9/11/2019	ND	
MW-29	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	9/11/2019	ND	
MW-33R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	9/11/2019	ND	
MW-58	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	9/11/2019	ND	
MW-55	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	11/12/2020	ND	
MW-68	d	ORP	n/a	mV	6/30/2015		17
MW-69	d	ORP	n/a	mV	6/30/2015		-57
MW-70	d	ORP	n/a	mV	6/30/2015		32
MW-72	d	ORP	n/a	mV	6/30/2015		-142
PZ-13	d	ORP	n/a	mV	7/1/2015		25
MW-68	d	ORP	n/a	mV	9/24/2015		-19
MW-69	d	ORP	n/a	mV	9/24/2015		-47
MW-70	d	ORP	n/a	mV	9/25/2015		46
MW-72	d	ORP	n/a	mV	9/25/2015		-104
PZ-13	d	ORP	n/a	mV	9/25/2015		64
MW-39	d	o-Toluidine	95-53-4	ug/L	3/11/2013	ND	
MW-31R	d	o-Toluidine	95-53-4	ug/L	9/10/2013	ND	
MW-32R	d	o-Toluidine	95-53-4	ug/L	9/10/2013	ND	
MW-18	d	o-Toluidine	95-53-4	ug/L	12/18/2013	ND	
MW-20	d	o-Toluidine	95-53-4	ug/L	12/18/2013	ND	
MW-21	d	o-Toluidine	95-53-4	ug/L	12/18/2013	ND	
MW-22R	d	o-Toluidine	95-53-4	ug/L	12/18/2013	ND	
MW-30R	d	o-Toluidine	95-53-4	ug/L	12/18/2013	ND	
MW-18	d	o-Toluidine	95-53-4	ug/L	6/24/2014	ND	
MW-29	d	o-Toluidine	95-53-4	ug/L	7/24/2014	ND	
MW-57	d	o-Toluidine	95-53-4	ug/L	7/24/2014	ND	
MW-58	d	o-Toluidine	95-53-4	ug/L	7/24/2014	ND	
MW-33R	d	o-Toluidine	95-53-4	ug/L	9/24/2014	ND	
MW-50	d	o-Toluidine	95-53-4	ug/L	9/24/2014	ND	
MW-51	d	o-Toluidine	95-53-4	ug/L	9/24/2014	ND	
MW-52	d	o-Toluidine	95-53-4	ug/L	9/24/2014	ND	
MW-53	d	o-Toluidine	95-53-4	ug/L	9/24/2014	ND	
MW-54	d	o-Toluidine	95-53-4	ug/L	9/24/2014	ND	
MW-14R	d	o-Toluidine	95-53-4	ug/L	12/4/2014	ND	
MW-19	d	o-Toluidine	95-53-4	ug/L	12/4/2014	ND	
MW-28	d	o-Toluidine	95-53-4	ug/L	12/4/2014	ND	
MW-56	d	o-Toluidine	95-53-4	ug/L	12/4/2014	ND	
MW-55	d	o-Toluidine	95-53-4	ug/L	3/11/2015	ND	
MW-20	d	o-Toluidine	95-53-4	ug/L	4/3/2018	ND	
MW-21	d	o-Toluidine	95-53-4	ug/L	4/3/2018	ND	
MW-30R	d	o-Toluidine	95-53-4	ug/L	4/3/2018	ND	
MW-31R	d	o-Toluidine	95-53-4	ug/L	4/3/2018	ND	
MW-32R	d	o-Toluidine	95-53-4	ug/L	4/3/2018	ND	
MW-39	d	o-Toluidine	95-53-4	ug/L	11/1/2018	ND	
MW-22R	d	o-Toluidine	95-53-4	ug/L	11/2/2018	ND	
MW-18	d	o-Toluidine	95-53-4	ug/L	5/16/2019	ND	
MW-19	d	o-Toluidine	95-53-4	ug/L	5/16/2019	ND	
MW-28	d	o-Toluidine	95-53-4	ug/L	5/16/2019	ND	
MW-50	d	o-Toluidine	95-53-4	ug/L	5/20/2019	ND	
MW-51	d	o-Toluidine	95-53-4	ug/L	5/20/2019	ND	
MW-52	d	o-Toluidine	95-53-4	ug/L	5/20/2019	ND	
MW-53	d	o-Toluidine	95-53-4	ug/L	5/20/2019	ND	
MW-54	d	o-Toluidine	95-53-4	ug/L	5/20/2019	ND	
MW-56	d	o-Toluidine	95-53-4	ug/L	5/20/2019	ND	
MW-14R	d	o-Toluidine	95-53-4	ug/L	9/11/2019	ND	
MW-29	d	o-Toluidine	95-53-4	ug/L	9/11/2019	ND	
MW-33R	d	o-Toluidine	95-53-4	ug/L	9/11/2019	ND	
MW-58	d	o-Toluidine	95-53-4	ug/L	9/11/2019	ND	
MW-55	d	o-Toluidine	95-53-4	ug/L	11/12/2020	ND	
GU-3A	d	o-Xylene	95-47-6	ug/L	9/4/2012	ND	
MW-20	d	o-Xylene	95-47-6	ug/L	9/4/2012	ND	
MW-21	d	o-Xylene	95-47-6	ug/L	9/4/2012	ND	
MW-22R	d	o-Xylene	95-47-6	ug/L	9/4/2012	ND	
MW-50	d	o-Xylene	95-47-6	ug/L	9/4/2012	ND	
MW-51	d	o-Xylene	95-47-6	ug/L	9/4/2012	ND	
MW-52	d	o-Xylene	95-47-6	ug/L	9/4/2012	ND	
MW-53	d	o-Xylene	95-47-6	ug/L	9/4/2012		21.1

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-54	d	o-Xylene	95-47-6	ug/L	9/4/2012	ND	
MW-54	d	o-Xylene	95-47-6	ug/L	9/4/2012	ND	
MW-57	d	o-Xylene	95-47-6	ug/L	9/4/2012	ND	
MW-58	d	o-Xylene	95-47-6	ug/L	9/4/2012	ND	
MW-14R	d	o-Xylene	95-47-6	ug/L	12/19/2012	ND	
MW-19	d	o-Xylene	95-47-6	ug/L	12/19/2012	ND	
MW-28	d	o-Xylene	95-47-6	ug/L	12/19/2012	ND	
MW-29	d	o-Xylene	95-47-6	ug/L	12/19/2012	ND	
MW-30R	d	o-Xylene	95-47-6	ug/L	12/19/2012	ND	
MW-31R	d	o-Xylene	95-47-6	ug/L	12/19/2012	ND	
MW-32R	d	o-Xylene	95-47-6	ug/L	12/19/2012	ND	
MW-33R	d	o-Xylene	95-47-6	ug/L	12/19/2012	ND	
MW-33R	d	o-Xylene	95-47-6	ug/L	12/19/2012	ND	
MW-39	d	o-Xylene	95-47-6	ug/L	12/19/2012	ND	
MW-55	d	o-Xylene	95-47-6	ug/L	12/19/2012	ND	
MW-56	d	o-Xylene	95-47-6	ug/L	12/19/2012	ND	
MW-14R	d	o-Xylene	95-47-6	ug/L	3/11/2013	ND	
MW-19	d	o-Xylene	95-47-6	ug/L	3/11/2013	ND	
MW-28	d	o-Xylene	95-47-6	ug/L	3/11/2013	ND	
MW-39	d	o-Xylene	95-47-6	ug/L	3/11/2013	ND	
MW-50	d	o-Xylene	95-47-6	ug/L	3/11/2013	ND	
MW-50	d	o-Xylene	95-47-6	ug/L	3/11/2013	ND	
MW-51	d	o-Xylene	95-47-6	ug/L	3/11/2013	ND	
MW-52	d	o-Xylene	95-47-6	ug/L	3/11/2013	ND	
MW-53	d	o-Xylene	95-47-6	ug/L	3/11/2013		23.8
MW-54	d	o-Xylene	95-47-6	ug/L	3/11/2013	ND	
MW-55	d	o-Xylene	95-47-6	ug/L	3/11/2013	ND	
MW-56	d	o-Xylene	95-47-6	ug/L	3/11/2013	ND	
MW-20	d	o-Xylene	95-47-6	ug/L	6/10/2013	ND	
MW-20	d	o-Xylene	95-47-6	ug/L	6/10/2013	ND	
MW-21	d	o-Xylene	95-47-6	ug/L	6/10/2013	ND	
MW-22R	d	o-Xylene	95-47-6	ug/L	6/10/2013	ND	
MW-29	d	o-Xylene	95-47-6	ug/L	6/10/2013	ND	
MW-30R	d	o-Xylene	95-47-6	ug/L	6/10/2013	ND	
MW-31R	d	o-Xylene	95-47-6	ug/L	6/10/2013	ND	
MW-32R	d	o-Xylene	95-47-6	ug/L	6/10/2013	ND	
MW-33R	d	o-Xylene	95-47-6	ug/L	6/10/2013	ND	
MW-57	d	o-Xylene	95-47-6	ug/L	6/10/2013	ND	
MW-58	d	o-Xylene	95-47-6	ug/L	6/10/2013	ND	
MW-20	d	o-Xylene	95-47-6	ug/L	4/3/2018	ND	
MW-21	d	o-Xylene	95-47-6	ug/L	4/3/2018	ND	
MW-30R	d	o-Xylene	95-47-6	ug/L	4/3/2018	ND	
MW-31R	d	o-Xylene	95-47-6	ug/L	4/3/2018	ND	
MW-32R	d	o-Xylene	95-47-6	ug/L	4/3/2018	ND	
MW-14R	d	o-Xylene	95-47-6	ug/L	9/11/2019	ND	
MW-29	d	o-Xylene	95-47-6	ug/L	9/11/2019	ND	
MW-30R	d	o-Xylene	95-47-6	ug/L	9/11/2019	ND	
MW-33R	d	o-Xylene	95-47-6	ug/L	9/11/2019	ND	
MW-58	d	o-Xylene	95-47-6	ug/L	9/11/2019	ND	
MW-55	d	o-Xylene	95-47-6	ug/L	11/12/2020	ND	
MW-39	d	Parathion-Ethyl	56-38-2	ug/L	3/11/2013	ND	
MW-31R	d	Parathion-Ethyl	56-38-2	ug/L	9/10/2013	ND	
MW-32R	d	Parathion-Ethyl	56-38-2	ug/L	9/10/2013	ND	
MW-18	d	Parathion-Ethyl	56-38-2	ug/L	12/18/2013	ND	
MW-20	d	Parathion-Ethyl	56-38-2	ug/L	12/18/2013	ND	
MW-21	d	Parathion-Ethyl	56-38-2	ug/L	12/18/2013	ND	
MW-22R	d	Parathion-Ethyl	56-38-2	ug/L	12/18/2013	ND	
MW-30R	d	Parathion-Ethyl	56-38-2	ug/L	12/18/2013	ND	
MW-18	d	Parathion-Ethyl	56-38-2	ug/L	6/24/2014	ND	
MW-29	d	Parathion-Ethyl	56-38-2	ug/L	7/24/2014	ND	
MW-57	d	Parathion-Ethyl	56-38-2	ug/L	7/24/2014	ND	
MW-58	d	Parathion-Ethyl	56-38-2	ug/L	7/24/2014	ND	
MW-33R	d	Parathion-Ethyl	56-38-2	ug/L	9/24/2014	ND	
MW-50	d	Parathion-Ethyl	56-38-2	ug/L	9/24/2014	ND	
MW-51	d	Parathion-Ethyl	56-38-2	ug/L	9/24/2014	ND	
MW-52	d	Parathion-Ethyl	56-38-2	ug/L	9/24/2014	ND	
MW-53	d	Parathion-Ethyl	56-38-2	ug/L	9/24/2014	ND	
MW-54	d	Parathion-Ethyl	56-38-2	ug/L	9/24/2014	ND	
MW-14R	d	Parathion-Ethyl	56-38-2	ug/L	12/4/2014	ND	
MW-19	d	Parathion-Ethyl	56-38-2	ug/L	12/4/2014	ND	
MW-28	d	Parathion-Ethyl	56-38-2	ug/L	12/4/2014	ND	
MW-56	d	Parathion-Ethyl	56-38-2	ug/L	12/4/2014	ND	
MW-55	d	Parathion-Ethyl	56-38-2	ug/L	3/11/2015	ND	
MW-20	d	Parathion-Ethyl	56-38-2	ug/L	4/3/2018	ND	
MW-21	d	Parathion-Ethyl	56-38-2	ug/L	4/3/2018	ND	
MW-30R	d	Parathion-Ethyl	56-38-2	ug/L	4/3/2018	ND	
MW-31R	d	Parathion-Ethyl	56-38-2	ug/L	4/3/2018	ND	
MW-32R	d	Parathion-Ethyl	56-38-2	ug/L	4/3/2018	ND	
MW-39	d	Parathion-Ethyl	56-38-2	ug/L	11/1/2018	ND	
MW-22R	d	Parathion-Ethyl	56-38-2	ug/L	11/2/2018	ND	
MW-18	d	Parathion-Ethyl	56-38-2	ug/L	5/16/2019	ND	
MW-19	d	Parathion-Ethyl	56-38-2	ug/L	5/16/2019	ND	
MW-28	d	Parathion-Ethyl	56-38-2	ug/L	5/16/2019	ND	
MW-50	d	Parathion-Ethyl	56-38-2	ug/L	5/20/2019	ND	
MW-51	d	Parathion-Ethyl	56-38-2	ug/L	5/20/2019	ND	
MW-52	d	Parathion-Ethyl	56-38-2	ug/L	5/20/2019	ND	
MW-53	d	Parathion-Ethyl	56-38-2	ug/L	5/20/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-54	d	Parathion-Ethyl	56-38-2	ug/L	5/20/2019	ND	
MW-56	d	Parathion-Ethyl	56-38-2	ug/L	5/20/2019	ND	
MW-14R	d	Parathion-Ethyl	56-38-2	ug/L	9/11/2019	ND	
MW-29	d	Parathion-Ethyl	56-38-2	ug/L	9/11/2019	ND	
MW-33R	d	Parathion-Ethyl	56-38-2	ug/L	9/11/2019	ND	
MW-58	d	Parathion-Ethyl	56-38-2	ug/L	9/11/2019	ND	
MW-55	d	Parathion-Ethyl	56-38-2	ug/L	11/12/2020	ND	
MW-39	d	Parathion-Methyl	298-00-0	ug/L	3/11/2013	ND	
MW-31R	d	Parathion-Methyl	298-00-0	ug/L	9/10/2013	ND	
MW-32R	d	Parathion-Methyl	298-00-0	ug/L	9/10/2013	ND	
MW-18	d	Parathion-Methyl	298-00-0	ug/L	12/18/2013	ND	
MW-20	d	Parathion-Methyl	298-00-0	ug/L	12/18/2013	ND	
MW-21	d	Parathion-Methyl	298-00-0	ug/L	12/18/2013	ND	
MW-22R	d	Parathion-Methyl	298-00-0	ug/L	12/18/2013	ND	
MW-30R	d	Parathion-Methyl	298-00-0	ug/L	12/18/2013	ND	
MW-18	d	Parathion-Methyl	298-00-0	ug/L	6/24/2014	ND	
MW-29	d	Parathion-Methyl	298-00-0	ug/L	7/24/2014	ND	
MW-57	d	Parathion-Methyl	298-00-0	ug/L	7/24/2014	ND	
MW-58	d	Parathion-Methyl	298-00-0	ug/L	7/24/2014	ND	
MW-33R	d	Parathion-Methyl	298-00-0	ug/L	9/24/2014	ND	
MW-50	d	Parathion-Methyl	298-00-0	ug/L	9/24/2014	ND	
MW-51	d	Parathion-Methyl	298-00-0	ug/L	9/24/2014	ND	
MW-52	d	Parathion-Methyl	298-00-0	ug/L	9/24/2014	ND	
MW-53	d	Parathion-Methyl	298-00-0	ug/L	9/24/2014	ND	
MW-54	d	Parathion-Methyl	298-00-0	ug/L	9/24/2014	ND	
MW-14R	d	Parathion-Methyl	298-00-0	ug/L	12/4/2014	ND	
MW-19	d	Parathion-Methyl	298-00-0	ug/L	12/4/2014	ND	
MW-28	d	Parathion-Methyl	298-00-0	ug/L	12/4/2014	ND	
MW-56	d	Parathion-Methyl	298-00-0	ug/L	12/4/2014	ND	
MW-55	d	Parathion-Methyl	298-00-0	ug/L	3/11/2015	ND	
MW-20	d	Parathion-Methyl	298-00-0	ug/L	4/3/2018	ND	
MW-21	d	Parathion-Methyl	298-00-0	ug/L	4/3/2018	ND	
MW-30R	d	Parathion-Methyl	298-00-0	ug/L	4/3/2018	ND	
MW-31R	d	Parathion-Methyl	298-00-0	ug/L	4/3/2018	ND	
MW-32R	d	Parathion-Methyl	298-00-0	ug/L	4/3/2018	ND	
MW-39	d	Parathion-Methyl	298-00-0	ug/L	11/1/2018	ND	
MW-22R	d	Parathion-Methyl	298-00-0	ug/L	11/2/2018	ND	
MW-18	d	Parathion-Methyl	298-00-0	ug/L	5/16/2019	ND	
MW-19	d	Parathion-Methyl	298-00-0	ug/L	5/16/2019	ND	
MW-28	d	Parathion-Methyl	298-00-0	ug/L	5/16/2019	ND	
MW-50	d	Parathion-Methyl	298-00-0	ug/L	5/20/2019	ND	
MW-51	d	Parathion-Methyl	298-00-0	ug/L	5/20/2019	ND	
MW-52	d	Parathion-Methyl	298-00-0	ug/L	5/20/2019	ND	
MW-53	d	Parathion-Methyl	298-00-0	ug/L	5/20/2019	ND	
MW-54	d	Parathion-Methyl	298-00-0	ug/L	5/20/2019	ND	
MW-56	d	Parathion-Methyl	298-00-0	ug/L	5/20/2019	ND	
MW-14R	d	Parathion-Methyl	298-00-0	ug/L	9/11/2019	ND	
MW-29	d	Parathion-Methyl	298-00-0	ug/L	9/11/2019	ND	
MW-33R	d	Parathion-Methyl	298-00-0	ug/L	9/11/2019	ND	
MW-58	d	Parathion-Methyl	298-00-0	ug/L	9/11/2019	ND	
MW-55	d	Parathion-Methyl	298-00-0	ug/L	11/12/2020	ND	
MW-39	d	PCB-1016	12674-11-2	ug/L	3/11/2013	ND	
MW-31R	d	PCB-1016	12674-11-2	ug/L	9/10/2013	ND	
MW-32R	d	PCB-1016	12674-11-2	ug/L	9/10/2013	ND	
MW-18	d	PCB-1016	12674-11-2	ug/L	12/18/2013	ND	
MW-20	d	PCB-1016	12674-11-2	ug/L	12/18/2013	ND	
MW-21	d	PCB-1016	12674-11-2	ug/L	12/18/2013	ND	
MW-22R	d	PCB-1016	12674-11-2	ug/L	12/18/2013	ND	
MW-30R	d	PCB-1016	12674-11-2	ug/L	12/18/2013	ND	
MW-18	d	PCB-1016	12674-11-2	ug/L	6/24/2014	ND	
MW-29	d	PCB-1016	12674-11-2	ug/L	7/24/2014	ND	
MW-57	d	PCB-1016	12674-11-2	ug/L	7/24/2014	ND	
MW-58	d	PCB-1016	12674-11-2	ug/L	7/24/2014	ND	
MW-33R	d	PCB-1016	12674-11-2	ug/L	9/24/2014	ND	
MW-50	d	PCB-1016	12674-11-2	ug/L	9/24/2014	ND	
MW-51	d	PCB-1016	12674-11-2	ug/L	9/24/2014	ND	
MW-52	d	PCB-1016	12674-11-2	ug/L	9/24/2014	ND	
MW-53	d	PCB-1016	12674-11-2	ug/L	9/24/2014	ND	
MW-54	d	PCB-1016	12674-11-2	ug/L	9/24/2014	ND	
MW-14R	d	PCB-1016	12674-11-2	ug/L	12/4/2014	ND	
MW-19	d	PCB-1016	12674-11-2	ug/L	12/4/2014	ND	
MW-28	d	PCB-1016	12674-11-2	ug/L	12/4/2014	ND	
MW-56	d	PCB-1016	12674-11-2	ug/L	12/4/2014	ND	
MW-55	d	PCB-1016	12674-11-2	ug/L	3/11/2015	ND	
MW-20	d	PCB-1016	12674-11-2	ug/L	4/3/2018	ND	
MW-21	d	PCB-1016	12674-11-2	ug/L	4/3/2018	ND	
MW-30R	d	PCB-1016	12674-11-2	ug/L	4/3/2018	ND	
MW-31R	d	PCB-1016	12674-11-2	ug/L	4/3/2018	ND	
MW-32R	d	PCB-1016	12674-11-2	ug/L	4/3/2018	ND	
MW-39	d	PCB-1016	12674-11-2	ug/L	11/1/2018	ND	
MW-22R	d	PCB-1016	12674-11-2	ug/L	11/2/2018	ND	
MW-18	d	PCB-1016	12674-11-2	ug/L	5/16/2019	ND	
MW-28	d	PCB-1016	12674-11-2	ug/L	5/16/2019	ND	
MW-19	d	PCB-1016	12674-11-2	ug/L	5/20/2019	ND	
MW-50	d	PCB-1016	12674-11-2	ug/L	5/20/2019	ND	
MW-51	d	PCB-1016	12674-11-2	ug/L	5/20/2019	ND	
MW-52	d	PCB-1016	12674-11-2	ug/L	5/20/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-53	d	PCB-1016	12674-11-2	ug/L	5/20/2019	ND	
MW-54	d	PCB-1016	12674-11-2	ug/L	5/20/2019	ND	
MW-56	d	PCB-1016	12674-11-2	ug/L	5/20/2019	ND	
MW-14R	d	PCB-1016	12674-11-2	ug/L	9/11/2019	ND	
MW-29	d	PCB-1016	12674-11-2	ug/L	9/11/2019	ND	
MW-33R	d	PCB-1016	12674-11-2	ug/L	9/11/2019	ND	
MW-58	d	PCB-1016	12674-11-2	ug/L	9/11/2019	ND	
MW-55	d	PCB-1016	12674-11-2	ug/L	11/12/2020	ND	
MW-39	d	PCB-1221	11104-28-2	ug/L	3/11/2013	ND	
MW-31R	d	PCB-1221	11104-28-2	ug/L	9/10/2013	ND	
MW-32R	d	PCB-1221	11104-28-2	ug/L	9/10/2013	ND	
MW-18	d	PCB-1221	11104-28-2	ug/L	12/18/2013	ND	
MW-20	d	PCB-1221	11104-28-2	ug/L	12/18/2013	ND	
MW-21	d	PCB-1221	11104-28-2	ug/L	12/18/2013	ND	
MW-22R	d	PCB-1221	11104-28-2	ug/L	12/18/2013	ND	
MW-30R	d	PCB-1221	11104-28-2	ug/L	12/18/2013	ND	
MW-18	d	PCB-1221	11104-28-2	ug/L	6/24/2014	ND	
MW-29	d	PCB-1221	11104-28-2	ug/L	7/24/2014	ND	
MW-57	d	PCB-1221	11104-28-2	ug/L	7/24/2014	ND	
MW-58	d	PCB-1221	11104-28-2	ug/L	7/24/2014	ND	
MW-33R	d	PCB-1221	11104-28-2	ug/L	9/24/2014	ND	
MW-50	d	PCB-1221	11104-28-2	ug/L	9/24/2014	ND	
MW-51	d	PCB-1221	11104-28-2	ug/L	9/24/2014	ND	
MW-52	d	PCB-1221	11104-28-2	ug/L	9/24/2014	ND	
MW-53	d	PCB-1221	11104-28-2	ug/L	9/24/2014	ND	
MW-54	d	PCB-1221	11104-28-2	ug/L	9/24/2014	ND	
MW-14R	d	PCB-1221	11104-28-2	ug/L	12/4/2014	ND	
MW-19	d	PCB-1221	11104-28-2	ug/L	12/4/2014	ND	
MW-28	d	PCB-1221	11104-28-2	ug/L	12/4/2014	ND	
MW-56	d	PCB-1221	11104-28-2	ug/L	12/4/2014	ND	
MW-55	d	PCB-1221	11104-28-2	ug/L	3/11/2015	ND	
MW-20	d	PCB-1221	11104-28-2	ug/L	4/3/2018	ND	
MW-21	d	PCB-1221	11104-28-2	ug/L	4/3/2018	ND	
MW-30R	d	PCB-1221	11104-28-2	ug/L	4/3/2018	ND	
MW-31R	d	PCB-1221	11104-28-2	ug/L	4/3/2018	ND	
MW-32R	d	PCB-1221	11104-28-2	ug/L	4/3/2018	ND	
MW-39	d	PCB-1221	11104-28-2	ug/L	11/1/2018	ND	
MW-22R	d	PCB-1221	11104-28-2	ug/L	11/2/2018	ND	
MW-18	d	PCB-1221	11104-28-2	ug/L	5/16/2019	ND	
MW-28	d	PCB-1221	11104-28-2	ug/L	5/16/2019	ND	
MW-19	d	PCB-1221	11104-28-2	ug/L	5/20/2019	ND	
MW-50	d	PCB-1221	11104-28-2	ug/L	5/20/2019	ND	
MW-51	d	PCB-1221	11104-28-2	ug/L	5/20/2019	ND	
MW-52	d	PCB-1221	11104-28-2	ug/L	5/20/2019	ND	
MW-53	d	PCB-1221	11104-28-2	ug/L	5/20/2019	ND	
MW-54	d	PCB-1221	11104-28-2	ug/L	5/20/2019	ND	
MW-56	d	PCB-1221	11104-28-2	ug/L	5/20/2019	ND	
MW-14R	d	PCB-1221	11104-28-2	ug/L	9/11/2019	ND	
MW-29	d	PCB-1221	11104-28-2	ug/L	9/11/2019	ND	
MW-33R	d	PCB-1221	11104-28-2	ug/L	9/11/2019	ND	
MW-58	d	PCB-1221	11104-28-2	ug/L	9/11/2019	ND	
MW-55	d	PCB-1221	11104-28-2	ug/L	11/12/2020	ND	
MW-39	d	PCB-1232	11141-16-5	ug/L	3/11/2013	ND	
MW-31R	d	PCB-1232	11141-16-5	ug/L	9/10/2013	ND	
MW-32R	d	PCB-1232	11141-16-5	ug/L	9/10/2013	ND	
MW-18	d	PCB-1232	11141-16-5	ug/L	12/18/2013	ND	
MW-20	d	PCB-1232	11141-16-5	ug/L	12/18/2013	ND	
MW-21	d	PCB-1232	11141-16-5	ug/L	12/18/2013	ND	
MW-22R	d	PCB-1232	11141-16-5	ug/L	12/18/2013	ND	
MW-30R	d	PCB-1232	11141-16-5	ug/L	12/18/2013	ND	
MW-18	d	PCB-1232	11141-16-5	ug/L	6/24/2014	ND	
MW-29	d	PCB-1232	11141-16-5	ug/L	7/24/2014	ND	
MW-57	d	PCB-1232	11141-16-5	ug/L	7/24/2014	ND	
MW-58	d	PCB-1232	11141-16-5	ug/L	7/24/2014	ND	
MW-33R	d	PCB-1232	11141-16-5	ug/L	9/24/2014	ND	
MW-50	d	PCB-1232	11141-16-5	ug/L	9/24/2014	ND	
MW-51	d	PCB-1232	11141-16-5	ug/L	9/24/2014	ND	
MW-52	d	PCB-1232	11141-16-5	ug/L	9/24/2014	ND	
MW-53	d	PCB-1232	11141-16-5	ug/L	9/24/2014	ND	
MW-54	d	PCB-1232	11141-16-5	ug/L	9/24/2014	ND	
MW-14R	d	PCB-1232	11141-16-5	ug/L	12/4/2014	ND	
MW-19	d	PCB-1232	11141-16-5	ug/L	12/4/2014	ND	
MW-28	d	PCB-1232	11141-16-5	ug/L	12/4/2014	ND	
MW-56	d	PCB-1232	11141-16-5	ug/L	12/4/2014	ND	
MW-55	d	PCB-1232	11141-16-5	ug/L	3/11/2015	ND	
MW-20	d	PCB-1232	11141-16-5	ug/L	4/3/2018	ND	
MW-21	d	PCB-1232	11141-16-5	ug/L	4/3/2018	ND	
MW-30R	d	PCB-1232	11141-16-5	ug/L	4/3/2018	ND	
MW-31R	d	PCB-1232	11141-16-5	ug/L	4/3/2018	ND	
MW-32R	d	PCB-1232	11141-16-5	ug/L	4/3/2018	ND	
MW-39	d	PCB-1232	11141-16-5	ug/L	11/1/2018	ND	
MW-22R	d	PCB-1232	11141-16-5	ug/L	11/2/2018	ND	
MW-18	d	PCB-1232	11141-16-5	ug/L	5/16/2019	ND	
MW-28	d	PCB-1232	11141-16-5	ug/L	5/16/2019	ND	
MW-19	d	PCB-1232	11141-16-5	ug/L	5/20/2019	ND	
MW-50	d	PCB-1232	11141-16-5	ug/L	5/20/2019	ND	
MW-51	d	PCB-1232	11141-16-5	ug/L	5/20/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-52	d	PCB-1232	11141-16-5	ug/L	5/20/2019	ND	
MW-53	d	PCB-1232	11141-16-5	ug/L	5/20/2019	ND	
MW-54	d	PCB-1232	11141-16-5	ug/L	5/20/2019	ND	
MW-56	d	PCB-1232	11141-16-5	ug/L	5/20/2019	ND	
MW-14R	d	PCB-1232	11141-16-5	ug/L	9/11/2019	ND	
MW-29	d	PCB-1232	11141-16-5	ug/L	9/11/2019	ND	
MW-33R	d	PCB-1232	11141-16-5	ug/L	9/11/2019	ND	
MW-58	d	PCB-1232	11141-16-5	ug/L	9/11/2019	ND	
MW-55	d	PCB-1232	11141-16-5	ug/L	11/12/2020	ND	
MW-39	d	PCB-1242	53469-21-9	ug/L	3/11/2013	ND	
MW-31R	d	PCB-1242	53469-21-9	ug/L	9/10/2013	ND	
MW-32R	d	PCB-1242	53469-21-9	ug/L	9/10/2013	ND	
MW-18	d	PCB-1242	53469-21-9	ug/L	12/18/2013	ND	
MW-20	d	PCB-1242	53469-21-9	ug/L	12/18/2013	ND	
MW-21	d	PCB-1242	53469-21-9	ug/L	12/18/2013	ND	
MW-22R	d	PCB-1242	53469-21-9	ug/L	12/18/2013	ND	
MW-30R	d	PCB-1242	53469-21-9	ug/L	12/18/2013	ND	
MW-18	d	PCB-1242	53469-21-9	ug/L	6/24/2014	ND	
MW-29	d	PCB-1242	53469-21-9	ug/L	7/24/2014	ND	
MW-57	d	PCB-1242	53469-21-9	ug/L	7/24/2014	ND	
MW-58	d	PCB-1242	53469-21-9	ug/L	7/24/2014	ND	
MW-33R	d	PCB-1242	53469-21-9	ug/L	9/24/2014	ND	
MW-50	d	PCB-1242	53469-21-9	ug/L	9/24/2014	ND	
MW-51	d	PCB-1242	53469-21-9	ug/L	9/24/2014	ND	
MW-52	d	PCB-1242	53469-21-9	ug/L	9/24/2014	ND	
MW-53	d	PCB-1242	53469-21-9	ug/L	9/24/2014	ND	
MW-54	d	PCB-1242	53469-21-9	ug/L	9/24/2014	ND	
MW-14R	d	PCB-1242	53469-21-9	ug/L	12/4/2014	ND	
MW-19	d	PCB-1242	53469-21-9	ug/L	12/4/2014	ND	
MW-28	d	PCB-1242	53469-21-9	ug/L	12/4/2014	ND	
MW-56	d	PCB-1242	53469-21-9	ug/L	12/4/2014	ND	
MW-55	d	PCB-1242	53469-21-9	ug/L	3/11/2015	ND	
MW-20	d	PCB-1242	53469-21-9	ug/L	4/3/2018	ND	
MW-21	d	PCB-1242	53469-21-9	ug/L	4/3/2018	ND	
MW-30R	d	PCB-1242	53469-21-9	ug/L	4/3/2018	ND	
MW-31R	d	PCB-1242	53469-21-9	ug/L	4/3/2018	ND	
MW-32R	d	PCB-1242	53469-21-9	ug/L	4/3/2018	ND	
MW-39	d	PCB-1242	53469-21-9	ug/L	11/1/2018	ND	
MW-22R	d	PCB-1242	53469-21-9	ug/L	11/2/2018	ND	
MW-18	d	PCB-1242	53469-21-9	ug/L	5/16/2019	ND	
MW-28	d	PCB-1242	53469-21-9	ug/L	5/16/2019	ND	
MW-19	d	PCB-1242	53469-21-9	ug/L	5/20/2019	ND	
MW-50	d	PCB-1242	53469-21-9	ug/L	5/20/2019	ND	
MW-51	d	PCB-1242	53469-21-9	ug/L	5/20/2019	ND	
MW-52	d	PCB-1242	53469-21-9	ug/L	5/20/2019	ND	
MW-53	d	PCB-1242	53469-21-9	ug/L	5/20/2019	ND	
MW-54	d	PCB-1242	53469-21-9	ug/L	5/20/2019	ND	
MW-56	d	PCB-1242	53469-21-9	ug/L	5/20/2019	ND	
MW-14R	d	PCB-1242	53469-21-9	ug/L	9/11/2019	ND	
MW-29	d	PCB-1242	53469-21-9	ug/L	9/11/2019	ND	
MW-33R	d	PCB-1242	53469-21-9	ug/L	9/11/2019	ND	
MW-58	d	PCB-1242	53469-21-9	ug/L	9/11/2019	ND	
MW-55	d	PCB-1242	53469-21-9	ug/L	11/12/2020	ND	
MW-39	d	PCB-1248	12672-29-6	ug/L	3/11/2013	ND	
MW-31R	d	PCB-1248	12672-29-6	ug/L	9/10/2013	ND	
MW-32R	d	PCB-1248	12672-29-6	ug/L	9/10/2013	ND	
MW-18	d	PCB-1248	12672-29-6	ug/L	12/18/2013	ND	
MW-20	d	PCB-1248	12672-29-6	ug/L	12/18/2013	ND	
MW-21	d	PCB-1248	12672-29-6	ug/L	12/18/2013	ND	
MW-22R	d	PCB-1248	12672-29-6	ug/L	12/18/2013	ND	
MW-30R	d	PCB-1248	12672-29-6	ug/L	12/18/2013	ND	
MW-18	d	PCB-1248	12672-29-6	ug/L	6/24/2014	ND	
MW-29	d	PCB-1248	12672-29-6	ug/L	7/24/2014	ND	
MW-57	d	PCB-1248	12672-29-6	ug/L	7/24/2014	ND	
MW-58	d	PCB-1248	12672-29-6	ug/L	7/24/2014	ND	
MW-33R	d	PCB-1248	12672-29-6	ug/L	9/24/2014	ND	
MW-50	d	PCB-1248	12672-29-6	ug/L	9/24/2014	ND	
MW-51	d	PCB-1248	12672-29-6	ug/L	9/24/2014	ND	
MW-52	d	PCB-1248	12672-29-6	ug/L	9/24/2014	ND	
MW-53	d	PCB-1248	12672-29-6	ug/L	9/24/2014	ND	
MW-54	d	PCB-1248	12672-29-6	ug/L	9/24/2014	ND	
MW-14R	d	PCB-1248	12672-29-6	ug/L	12/4/2014	ND	
MW-19	d	PCB-1248	12672-29-6	ug/L	12/4/2014	ND	
MW-28	d	PCB-1248	12672-29-6	ug/L	12/4/2014	ND	
MW-56	d	PCB-1248	12672-29-6	ug/L	12/4/2014	ND	
MW-55	d	PCB-1248	12672-29-6	ug/L	3/11/2015	ND	
MW-20	d	PCB-1248	12672-29-6	ug/L	4/3/2018	ND	
MW-21	d	PCB-1248	12672-29-6	ug/L	4/3/2018	ND	
MW-30R	d	PCB-1248	12672-29-6	ug/L	4/3/2018	ND	
MW-31R	d	PCB-1248	12672-29-6	ug/L	4/3/2018	ND	
MW-32R	d	PCB-1248	12672-29-6	ug/L	4/3/2018	ND	
MW-39	d	PCB-1248	12672-29-6	ug/L	11/1/2018	ND	
MW-22R	d	PCB-1248	12672-29-6	ug/L	11/2/2018	ND	
MW-18	d	PCB-1248	12672-29-6	ug/L	5/16/2019	ND	
MW-28	d	PCB-1248	12672-29-6	ug/L	5/16/2019	ND	
MW-19	d	PCB-1248	12672-29-6	ug/L	5/20/2019	ND	
MW-50	d	PCB-1248	12672-29-6	ug/L	5/20/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-51	d	PCB-1248	12672-29-6	ug/L	5/20/2019	ND	
MW-52	d	PCB-1248	12672-29-6	ug/L	5/20/2019	ND	
MW-53	d	PCB-1248	12672-29-6	ug/L	5/20/2019	ND	
MW-54	d	PCB-1248	12672-29-6	ug/L	5/20/2019	ND	
MW-56	d	PCB-1248	12672-29-6	ug/L	5/20/2019	ND	
MW-14R	d	PCB-1248	12672-29-6	ug/L	9/11/2019	ND	
MW-29	d	PCB-1248	12672-29-6	ug/L	9/11/2019	ND	
MW-33R	d	PCB-1248	12672-29-6	ug/L	9/11/2019	ND	
MW-58	d	PCB-1248	12672-29-6	ug/L	9/11/2019	ND	
MW-55	d	PCB-1248	12672-29-6	ug/L	11/12/2020	ND	
MW-39	d	PCB-1254	11097-69-1	ug/L	3/11/2013	ND	
MW-31R	d	PCB-1254	11097-69-1	ug/L	9/10/2013	ND	
MW-32R	d	PCB-1254	11097-69-1	ug/L	9/10/2013	ND	
MW-18	d	PCB-1254	11097-69-1	ug/L	12/18/2013	ND	
MW-20	d	PCB-1254	11097-69-1	ug/L	12/18/2013	ND	
MW-21	d	PCB-1254	11097-69-1	ug/L	12/18/2013	ND	
MW-22R	d	PCB-1254	11097-69-1	ug/L	12/18/2013	ND	
MW-30R	d	PCB-1254	11097-69-1	ug/L	12/18/2013	ND	
MW-18	d	PCB-1254	11097-69-1	ug/L	6/24/2014	ND	
MW-29	d	PCB-1254	11097-69-1	ug/L	7/24/2014	ND	
MW-57	d	PCB-1254	11097-69-1	ug/L	7/24/2014	ND	
MW-58	d	PCB-1254	11097-69-1	ug/L	7/24/2014	ND	
MW-33R	d	PCB-1254	11097-69-1	ug/L	9/24/2014	ND	
MW-50	d	PCB-1254	11097-69-1	ug/L	9/24/2014	ND	
MW-51	d	PCB-1254	11097-69-1	ug/L	9/24/2014	ND	
MW-52	d	PCB-1254	11097-69-1	ug/L	9/24/2014	ND	
MW-53	d	PCB-1254	11097-69-1	ug/L	9/24/2014	ND	
MW-54	d	PCB-1254	11097-69-1	ug/L	9/24/2014	ND	
MW-14R	d	PCB-1254	11097-69-1	ug/L	12/4/2014	ND	
MW-19	d	PCB-1254	11097-69-1	ug/L	12/4/2014	ND	
MW-28	d	PCB-1254	11097-69-1	ug/L	12/4/2014	ND	
MW-56	d	PCB-1254	11097-69-1	ug/L	12/4/2014	ND	
MW-55	d	PCB-1254	11097-69-1	ug/L	3/11/2015	ND	
MW-20	d	PCB-1254	11097-69-1	ug/L	4/3/2018	ND	
MW-21	d	PCB-1254	11097-69-1	ug/L	4/3/2018	ND	
MW-30R	d	PCB-1254	11097-69-1	ug/L	4/3/2018	ND	
MW-31R	d	PCB-1254	11097-69-1	ug/L	4/3/2018	ND	
MW-32R	d	PCB-1254	11097-69-1	ug/L	4/3/2018	ND	
MW-39	d	PCB-1254	11097-69-1	ug/L	11/1/2018	ND	
MW-22R	d	PCB-1254	11097-69-1	ug/L	11/2/2018	ND	
MW-18	d	PCB-1254	11097-69-1	ug/L	5/16/2019	ND	
MW-28	d	PCB-1254	11097-69-1	ug/L	5/16/2019	ND	
MW-19	d	PCB-1254	11097-69-1	ug/L	5/20/2019	ND	
MW-50	d	PCB-1254	11097-69-1	ug/L	5/20/2019	ND	
MW-51	d	PCB-1254	11097-69-1	ug/L	5/20/2019	ND	
MW-52	d	PCB-1254	11097-69-1	ug/L	5/20/2019	ND	
MW-53	d	PCB-1254	11097-69-1	ug/L	5/20/2019	ND	
MW-54	d	PCB-1254	11097-69-1	ug/L	5/20/2019	ND	
MW-56	d	PCB-1254	11097-69-1	ug/L	5/20/2019	ND	
MW-14R	d	PCB-1254	11097-69-1	ug/L	9/11/2019	ND	
MW-29	d	PCB-1254	11097-69-1	ug/L	9/11/2019	ND	
MW-33R	d	PCB-1254	11097-69-1	ug/L	9/11/2019	ND	
MW-58	d	PCB-1254	11097-69-1	ug/L	9/11/2019	ND	
MW-55	d	PCB-1254	11097-69-1	ug/L	11/12/2020	ND	
MW-39	d	PCB-1260	11096-82-5	ug/L	3/11/2013	ND	
MW-31R	d	PCB-1260	11096-82-5	ug/L	9/10/2013	ND	
MW-32R	d	PCB-1260	11096-82-5	ug/L	9/10/2013	ND	
MW-18	d	PCB-1260	11096-82-5	ug/L	12/18/2013	ND	
MW-20	d	PCB-1260	11096-82-5	ug/L	12/18/2013	ND	
MW-21	d	PCB-1260	11096-82-5	ug/L	12/18/2013	ND	
MW-22R	d	PCB-1260	11096-82-5	ug/L	12/18/2013	ND	
MW-30R	d	PCB-1260	11096-82-5	ug/L	12/18/2013	ND	
MW-18	d	PCB-1260	11096-82-5	ug/L	6/24/2014	ND	
MW-29	d	PCB-1260	11096-82-5	ug/L	7/24/2014	ND	
MW-57	d	PCB-1260	11096-82-5	ug/L	7/24/2014	ND	
MW-58	d	PCB-1260	11096-82-5	ug/L	7/24/2014	ND	
MW-33R	d	PCB-1260	11096-82-5	ug/L	9/24/2014	ND	
MW-50	d	PCB-1260	11096-82-5	ug/L	9/24/2014	ND	
MW-51	d	PCB-1260	11096-82-5	ug/L	9/24/2014	ND	
MW-52	d	PCB-1260	11096-82-5	ug/L	9/24/2014	ND	
MW-53	d	PCB-1260	11096-82-5	ug/L	9/24/2014	ND	
MW-54	d	PCB-1260	11096-82-5	ug/L	9/24/2014	ND	
MW-14R	d	PCB-1260	11096-82-5	ug/L	12/4/2014	ND	
MW-19	d	PCB-1260	11096-82-5	ug/L	12/4/2014	ND	
MW-28	d	PCB-1260	11096-82-5	ug/L	12/4/2014	ND	
MW-56	d	PCB-1260	11096-82-5	ug/L	12/4/2014	ND	
MW-55	d	PCB-1260	11096-82-5	ug/L	3/11/2015	ND	
MW-20	d	PCB-1260	11096-82-5	ug/L	4/3/2018	ND	
MW-21	d	PCB-1260	11096-82-5	ug/L	4/3/2018	ND	
MW-30R	d	PCB-1260	11096-82-5	ug/L	4/3/2018	ND	
MW-31R	d	PCB-1260	11096-82-5	ug/L	4/3/2018	ND	
MW-32R	d	PCB-1260	11096-82-5	ug/L	4/3/2018	ND	
MW-39	d	PCB-1260	11096-82-5	ug/L	11/1/2018	ND	
MW-22R	d	PCB-1260	11096-82-5	ug/L	11/2/2018	ND	
MW-18	d	PCB-1260	11096-82-5	ug/L	5/16/2019	ND	
MW-28	d	PCB-1260	11096-82-5	ug/L	5/16/2019	ND	
MW-19	d	PCB-1260	11096-82-5	ug/L	5/20/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	PCB-1260	11096-82-5	ug/L	5/20/2019	ND	
MW-51	d	PCB-1260	11096-82-5	ug/L	5/20/2019	ND	
MW-52	d	PCB-1260	11096-82-5	ug/L	5/20/2019	ND	
MW-53	d	PCB-1260	11096-82-5	ug/L	5/20/2019	ND	
MW-54	d	PCB-1260	11096-82-5	ug/L	5/20/2019	ND	
MW-56	d	PCB-1260	11096-82-5	ug/L	5/20/2019	ND	
MW-14R	d	PCB-1260	11096-82-5	ug/L	9/11/2019	ND	
MW-29	d	PCB-1260	11096-82-5	ug/L	9/11/2019	ND	
MW-33R	d	PCB-1260	11096-82-5	ug/L	9/11/2019	ND	
MW-58	d	PCB-1260	11096-82-5	ug/L	9/11/2019	ND	
MW-55	d	PCB-1260	11096-82-5	ug/L	11/12/2020	ND	
MW-39	d	Pentachlorobenzene	608-93-5	ug/L	3/11/2013	ND	
MW-31R	d	Pentachlorobenzene	608-93-5	ug/L	9/10/2013	ND	
MW-32R	d	Pentachlorobenzene	608-93-5	ug/L	9/10/2013	ND	
MW-18	d	Pentachlorobenzene	608-93-5	ug/L	12/18/2013	ND	
MW-20	d	Pentachlorobenzene	608-93-5	ug/L	12/18/2013	ND	
MW-21	d	Pentachlorobenzene	608-93-5	ug/L	12/18/2013	ND	
MW-22R	d	Pentachlorobenzene	608-93-5	ug/L	12/18/2013	ND	
MW-30R	d	Pentachlorobenzene	608-93-5	ug/L	12/18/2013	ND	
MW-18	d	Pentachlorobenzene	608-93-5	ug/L	6/24/2014	ND	
MW-29	d	Pentachlorobenzene	608-93-5	ug/L	7/24/2014	ND	
MW-57	d	Pentachlorobenzene	608-93-5	ug/L	7/24/2014	ND	
MW-58	d	Pentachlorobenzene	608-93-5	ug/L	7/24/2014	ND	
MW-33R	d	Pentachlorobenzene	608-93-5	ug/L	9/24/2014	ND	
MW-50	d	Pentachlorobenzene	608-93-5	ug/L	9/24/2014	ND	
MW-51	d	Pentachlorobenzene	608-93-5	ug/L	9/24/2014	ND	
MW-52	d	Pentachlorobenzene	608-93-5	ug/L	9/24/2014	ND	
MW-53	d	Pentachlorobenzene	608-93-5	ug/L	9/24/2014	ND	
MW-54	d	Pentachlorobenzene	608-93-5	ug/L	9/24/2014	ND	
MW-14R	d	Pentachlorobenzene	608-93-5	ug/L	12/4/2014	ND	
MW-19	d	Pentachlorobenzene	608-93-5	ug/L	12/4/2014	ND	
MW-28	d	Pentachlorobenzene	608-93-5	ug/L	12/4/2014	ND	
MW-56	d	Pentachlorobenzene	608-93-5	ug/L	12/4/2014	ND	
MW-55	d	Pentachlorobenzene	608-93-5	ug/L	3/11/2015	ND	
MW-20	d	Pentachlorobenzene	608-93-5	ug/L	4/3/2018	ND	
MW-21	d	Pentachlorobenzene	608-93-5	ug/L	4/3/2018	ND	
MW-30R	d	Pentachlorobenzene	608-93-5	ug/L	4/3/2018	ND	
MW-31R	d	Pentachlorobenzene	608-93-5	ug/L	4/3/2018	ND	
MW-32R	d	Pentachlorobenzene	608-93-5	ug/L	4/3/2018	ND	
MW-39	d	Pentachlorobenzene	608-93-5	ug/L	11/1/2018	ND	
MW-22R	d	Pentachlorobenzene	608-93-5	ug/L	11/2/2018	ND	
MW-18	d	Pentachlorobenzene	608-93-5	ug/L	5/16/2019	ND	
MW-19	d	Pentachlorobenzene	608-93-5	ug/L	5/16/2019	ND	
MW-28	d	Pentachlorobenzene	608-93-5	ug/L	5/16/2019	ND	
MW-50	d	Pentachlorobenzene	608-93-5	ug/L	5/20/2019	ND	
MW-51	d	Pentachlorobenzene	608-93-5	ug/L	5/20/2019	ND	
MW-52	d	Pentachlorobenzene	608-93-5	ug/L	5/20/2019	ND	
MW-53	d	Pentachlorobenzene	608-93-5	ug/L	5/20/2019	ND	
MW-54	d	Pentachlorobenzene	608-93-5	ug/L	5/20/2019	ND	
MW-56	d	Pentachlorobenzene	608-93-5	ug/L	5/20/2019	ND	
MW-14R	d	Pentachlorobenzene	608-93-5	ug/L	9/11/2019	ND	
MW-29	d	Pentachlorobenzene	608-93-5	ug/L	9/11/2019	ND	
MW-33R	d	Pentachlorobenzene	608-93-5	ug/L	9/11/2019	ND	
MW-58	d	Pentachlorobenzene	608-93-5	ug/L	9/11/2019	ND	
MW-55	d	Pentachlorobenzene	608-93-5	ug/L	11/12/2020	ND	
MW-39	d	Pentachloronitrobenzene	82-68-8	ug/L	3/11/2013	ND	
MW-31R	d	Pentachloronitrobenzene	82-68-8	ug/L	9/10/2013	ND	
MW-32R	d	Pentachloronitrobenzene	82-68-8	ug/L	9/10/2013	ND	
MW-18	d	Pentachloronitrobenzene	82-68-8	ug/L	12/18/2013	ND	
MW-20	d	Pentachloronitrobenzene	82-68-8	ug/L	12/18/2013	ND	
MW-21	d	Pentachloronitrobenzene	82-68-8	ug/L	12/18/2013	ND	
MW-22R	d	Pentachloronitrobenzene	82-68-8	ug/L	12/18/2013	ND	
MW-30R	d	Pentachloronitrobenzene	82-68-8	ug/L	12/18/2013	ND	
MW-18	d	Pentachloronitrobenzene	82-68-8	ug/L	6/24/2014	ND	
MW-29	d	Pentachloronitrobenzene	82-68-8	ug/L	7/24/2014	ND	
MW-57	d	Pentachloronitrobenzene	82-68-8	ug/L	7/24/2014	ND	
MW-58	d	Pentachloronitrobenzene	82-68-8	ug/L	7/24/2014	ND	
MW-33R	d	Pentachloronitrobenzene	82-68-8	ug/L	9/24/2014	ND	
MW-50	d	Pentachloronitrobenzene	82-68-8	ug/L	9/24/2014	ND	
MW-51	d	Pentachloronitrobenzene	82-68-8	ug/L	9/24/2014	ND	
MW-52	d	Pentachloronitrobenzene	82-68-8	ug/L	9/24/2014	ND	
MW-53	d	Pentachloronitrobenzene	82-68-8	ug/L	9/24/2014	ND	
MW-54	d	Pentachloronitrobenzene	82-68-8	ug/L	9/24/2014	ND	
MW-14R	d	Pentachloronitrobenzene	82-68-8	ug/L	12/4/2014	ND	
MW-19	d	Pentachloronitrobenzene	82-68-8	ug/L	12/4/2014	ND	
MW-28	d	Pentachloronitrobenzene	82-68-8	ug/L	12/4/2014	ND	
MW-56	d	Pentachloronitrobenzene	82-68-8	ug/L	12/4/2014	ND	
MW-55	d	Pentachloronitrobenzene	82-68-8	ug/L	3/11/2015	ND	
MW-20	d	Pentachloronitrobenzene	82-68-8	ug/L	4/3/2018	ND	
MW-21	d	Pentachloronitrobenzene	82-68-8	ug/L	4/3/2018	ND	
MW-30R	d	Pentachloronitrobenzene	82-68-8	ug/L	4/3/2018	ND	
MW-31R	d	Pentachloronitrobenzene	82-68-8	ug/L	4/3/2018	ND	
MW-32R	d	Pentachloronitrobenzene	82-68-8	ug/L	4/3/2018	ND	
MW-39	d	Pentachloronitrobenzene	82-68-8	ug/L	11/1/2018	ND	
MW-22R	d	Pentachloronitrobenzene	82-68-8	ug/L	11/2/2018	ND	
MW-18	d	Pentachloronitrobenzene	82-68-8	ug/L	5/16/2019	ND	
MW-19	d	Pentachloronitrobenzene	82-68-8	ug/L	5/16/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-28	d	Pentachloronitrobenzene	82-68-8	ug/L	5/16/2019	ND	
MW-50	d	Pentachloronitrobenzene	82-68-8	ug/L	5/20/2019	ND	
MW-51	d	Pentachloronitrobenzene	82-68-8	ug/L	5/20/2019	ND	
MW-52	d	Pentachloronitrobenzene	82-68-8	ug/L	5/20/2019	ND	
MW-53	d	Pentachloronitrobenzene	82-68-8	ug/L	5/20/2019	ND	
MW-54	d	Pentachloronitrobenzene	82-68-8	ug/L	5/20/2019	ND	
MW-56	d	Pentachloronitrobenzene	82-68-8	ug/L	5/20/2019	ND	
MW-14R	d	Pentachloronitrobenzene	82-68-8	ug/L	9/11/2019	ND	
MW-29	d	Pentachloronitrobenzene	82-68-8	ug/L	9/11/2019	ND	
MW-33R	d	Pentachloronitrobenzene	82-68-8	ug/L	9/11/2019	ND	
MW-58	d	Pentachloronitrobenzene	82-68-8	ug/L	9/11/2019	ND	
MW-55	d	Pentachloronitrobenzene	82-68-8	ug/L	11/12/2020	ND	
MW-39	d	Pentachlorophenol [2C]	87-86-5	ug/L	3/11/2013	ND	
MW-31R	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/10/2013	ND	
MW-32R	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/10/2013	ND	
MW-18	d	Pentachlorophenol [2C]	87-86-5	ug/L	12/18/2013	ND	
MW-20	d	Pentachlorophenol [2C]	87-86-5	ug/L	12/18/2013	ND	
MW-21	d	Pentachlorophenol [2C]	87-86-5	ug/L	12/18/2013	ND	
MW-22R	d	Pentachlorophenol [2C]	87-86-5	ug/L	12/18/2013	ND	
MW-30R	d	Pentachlorophenol [2C]	87-86-5	ug/L	12/18/2013	ND	
MW-18	d	Pentachlorophenol [2C]	87-86-5	ug/L	6/24/2014	ND	
MW-29	d	Pentachlorophenol [2C]	87-86-5	ug/L	7/24/2014	ND	
MW-57	d	Pentachlorophenol [2C]	87-86-5	ug/L	7/24/2014	ND	
MW-58	d	Pentachlorophenol [2C]	87-86-5	ug/L	7/24/2014	ND	
MW-33R	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/24/2014	ND	
MW-50	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/24/2014	ND	
MW-51	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/24/2014	ND	
MW-52	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/24/2014	ND	
MW-53	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/24/2014	ND	
MW-54	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/24/2014	ND	
MW-14R	d	Pentachlorophenol [2C]	87-86-5	ug/L	12/4/2014	ND	
MW-19	d	Pentachlorophenol [2C]	87-86-5	ug/L	12/4/2014	ND	
MW-28	d	Pentachlorophenol [2C]	87-86-5	ug/L	12/4/2014	ND	
MW-56	d	Pentachlorophenol [2C]	87-86-5	ug/L	12/4/2014	ND	
MW-55	d	Pentachlorophenol [2C]	87-86-5	ug/L	3/11/2015	ND	
MW-20	d	Pentachlorophenol [2C]	87-86-5	ug/L	4/3/2018	ND	
MW-21	d	Pentachlorophenol [2C]	87-86-5	ug/L	4/3/2018	ND	
MW-30R	d	Pentachlorophenol [2C]	87-86-5	ug/L	4/3/2018	ND	
MW-31R	d	Pentachlorophenol [2C]	87-86-5	ug/L	4/3/2018	ND	
MW-32R	d	Pentachlorophenol [2C]	87-86-5	ug/L	4/3/2018	ND	
MW-39	d	Pentachlorophenol [2C]	87-86-5	ug/L	11/1/2018	ND	
MW-22R	d	Pentachlorophenol [2C]	87-86-5	ug/L	11/2/2018	ND	
MW-18	d	Pentachlorophenol [2C]	87-86-5	ug/L	5/16/2019	ND	
MW-19	d	Pentachlorophenol [2C]	87-86-5	ug/L	5/16/2019	ND	
MW-28	d	Pentachlorophenol [2C]	87-86-5	ug/L	5/16/2019	ND	
MW-50	d	Pentachlorophenol [2C]	87-86-5	ug/L	5/20/2019	ND	
MW-51	d	Pentachlorophenol [2C]	87-86-5	ug/L	5/20/2019	ND	
MW-52	d	Pentachlorophenol [2C]	87-86-5	ug/L	5/20/2019	ND	
MW-53	d	Pentachlorophenol [2C]	87-86-5	ug/L	5/20/2019	ND	
MW-54	d	Pentachlorophenol [2C]	87-86-5	ug/L	5/20/2019	ND	
MW-56	d	Pentachlorophenol [2C]	87-86-5	ug/L	5/20/2019	ND	
MW-14R	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/11/2019	ND	
MW-29	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/11/2019	ND	
MW-33R	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/11/2019	ND	
MW-58	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/11/2019	ND	
MW-55	d	Pentachlorophenol [2C]	87-86-5	ug/L	11/12/2020	ND	
MW-68	d	pH	n/a	S.U.	6/30/2015		6.9
MW-69	d	pH	n/a	S.U.	6/30/2015		6.93
MW-70	d	pH	n/a	S.U.	6/30/2015		6.82
MW-72	d	pH	n/a	S.U.	6/30/2015		7.18
PZ-13	d	pH	n/a	S.U.	7/1/2015		7.09
MW-68	d	pH	n/a	S.U.	9/24/2015		6.54
MW-69	d	pH	n/a	S.U.	9/24/2015		6.82
MW-70	d	pH	n/a	S.U.	9/25/2015		6.68
MW-72	d	pH	n/a	S.U.	9/25/2015		6.58
PZ-13	d	pH	n/a	S.U.	9/25/2015		6.91
MW-39	d	Phenacetin	62-44-2	ug/L	3/11/2013	ND	
MW-31R	d	Phenacetin	62-44-2	ug/L	9/10/2013	ND	
MW-32R	d	Phenacetin	62-44-2	ug/L	9/10/2013	ND	
MW-18	d	Phenacetin	62-44-2	ug/L	12/18/2013	ND	
MW-20	d	Phenacetin	62-44-2	ug/L	12/18/2013	ND	
MW-21	d	Phenacetin	62-44-2	ug/L	12/18/2013	ND	
MW-22R	d	Phenacetin	62-44-2	ug/L	12/18/2013	ND	
MW-30R	d	Phenacetin	62-44-2	ug/L	12/18/2013	ND	
MW-18	d	Phenacetin	62-44-2	ug/L	6/24/2014	ND	
MW-29	d	Phenacetin	62-44-2	ug/L	7/24/2014	ND	
MW-57	d	Phenacetin	62-44-2	ug/L	7/24/2014	ND	
MW-58	d	Phenacetin	62-44-2	ug/L	7/24/2014	ND	
MW-33R	d	Phenacetin	62-44-2	ug/L	9/24/2014	ND	
MW-50	d	Phenacetin	62-44-2	ug/L	9/24/2014	ND	
MW-51	d	Phenacetin	62-44-2	ug/L	9/24/2014	ND	
MW-52	d	Phenacetin	62-44-2	ug/L	9/24/2014	ND	
MW-53	d	Phenacetin	62-44-2	ug/L	9/24/2014	ND	
MW-54	d	Phenacetin	62-44-2	ug/L	9/24/2014	ND	
MW-14R	d	Phenacetin	62-44-2	ug/L	12/4/2014	ND	
MW-19	d	Phenacetin	62-44-2	ug/L	12/4/2014	ND	
MW-28	d	Phenacetin	62-44-2	ug/L	12/4/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	Phenacetin	62-44-2	ug/L	12/4/2014	ND	
MW-55	d	Phenacetin	62-44-2	ug/L	3/11/2015	ND	
MW-20	d	Phenacetin	62-44-2	ug/L	4/3/2018	ND	
MW-21	d	Phenacetin	62-44-2	ug/L	4/3/2018	ND	
MW-30R	d	Phenacetin	62-44-2	ug/L	4/3/2018	ND	
MW-31R	d	Phenacetin	62-44-2	ug/L	4/3/2018	ND	
MW-32R	d	Phenacetin	62-44-2	ug/L	4/3/2018	ND	
MW-39	d	Phenacetin	62-44-2	ug/L	11/1/2018	ND	
MW-22R	d	Phenacetin	62-44-2	ug/L	11/2/2018	ND	
MW-18	d	Phenacetin	62-44-2	ug/L	5/16/2019	ND	
MW-19	d	Phenacetin	62-44-2	ug/L	5/16/2019	ND	
MW-28	d	Phenacetin	62-44-2	ug/L	5/16/2019	ND	
MW-50	d	Phenacetin	62-44-2	ug/L	5/20/2019	ND	
MW-51	d	Phenacetin	62-44-2	ug/L	5/20/2019	ND	
MW-52	d	Phenacetin	62-44-2	ug/L	5/20/2019	ND	
MW-53	d	Phenacetin	62-44-2	ug/L	5/20/2019	ND	
MW-54	d	Phenacetin	62-44-2	ug/L	5/20/2019	ND	
MW-56	d	Phenacetin	62-44-2	ug/L	5/20/2019	ND	
MW-14R	d	Phenacetin	62-44-2	ug/L	9/11/2019	ND	
MW-29	d	Phenacetin	62-44-2	ug/L	9/11/2019	ND	
MW-33R	d	Phenacetin	62-44-2	ug/L	9/11/2019	ND	
MW-58	d	Phenacetin	62-44-2	ug/L	9/11/2019	ND	
MW-55	d	Phenacetin	62-44-2	ug/L	11/12/2020	ND	
MW-39	d	Phenanthrene	85-01-8	ug/L	3/11/2013	ND	
MW-31R	d	Phenanthrene	85-01-8	ug/L	9/10/2013	ND	
MW-32R	d	Phenanthrene	85-01-8	ug/L	9/10/2013	ND	
MW-18	d	Phenanthrene	85-01-8	ug/L	12/18/2013	ND	
MW-20	d	Phenanthrene	85-01-8	ug/L	12/18/2013	ND	
MW-21	d	Phenanthrene	85-01-8	ug/L	12/18/2013	ND	
MW-22R	d	Phenanthrene	85-01-8	ug/L	12/18/2013	ND	
MW-30R	d	Phenanthrene	85-01-8	ug/L	12/18/2013	ND	
MW-18	d	Phenanthrene	85-01-8	ug/L	6/24/2014	ND	
MW-29	d	Phenanthrene	85-01-8	ug/L	7/24/2014	ND	
MW-57	d	Phenanthrene	85-01-8	ug/L	7/24/2014	ND	
MW-58	d	Phenanthrene	85-01-8	ug/L	7/24/2014	ND	
MW-33R	d	Phenanthrene	85-01-8	ug/L	9/24/2014	ND	
MW-50	d	Phenanthrene	85-01-8	ug/L	9/24/2014	ND	
MW-51	d	Phenanthrene	85-01-8	ug/L	9/24/2014	ND	
MW-52	d	Phenanthrene	85-01-8	ug/L	9/24/2014	ND	
MW-53	d	Phenanthrene	85-01-8	ug/L	9/24/2014	ND	
MW-54	d	Phenanthrene	85-01-8	ug/L	9/24/2014	ND	
MW-14R	d	Phenanthrene	85-01-8	ug/L	12/4/2014	ND	
MW-19	d	Phenanthrene	85-01-8	ug/L	12/4/2014	ND	
MW-28	d	Phenanthrene	85-01-8	ug/L	12/4/2014	ND	
MW-56	d	Phenanthrene	85-01-8	ug/L	12/4/2014	ND	
MW-55	d	Phenanthrene	85-01-8	ug/L	3/11/2015	ND	
MW-20	d	Phenanthrene	85-01-8	ug/L	4/3/2018	ND	
MW-21	d	Phenanthrene	85-01-8	ug/L	4/3/2018	ND	
MW-30R	d	Phenanthrene	85-01-8	ug/L	4/3/2018	ND	
MW-31R	d	Phenanthrene	85-01-8	ug/L	4/3/2018	ND	
MW-32R	d	Phenanthrene	85-01-8	ug/L	4/3/2018	ND	
MW-39	d	Phenanthrene	85-01-8	ug/L	11/1/2018	ND	
MW-22R	d	Phenanthrene	85-01-8	ug/L	11/2/2018	ND	
MW-18	d	Phenanthrene	85-01-8	ug/L	5/16/2019	ND	
MW-19	d	Phenanthrene	85-01-8	ug/L	5/16/2019	ND	
MW-28	d	Phenanthrene	85-01-8	ug/L	5/16/2019	ND	
MW-50	d	Phenanthrene	85-01-8	ug/L	5/20/2019	ND	
MW-51	d	Phenanthrene	85-01-8	ug/L	5/20/2019	ND	
MW-52	d	Phenanthrene	85-01-8	ug/L	5/20/2019	ND	
MW-53	d	Phenanthrene	85-01-8	ug/L	5/20/2019	ND	
MW-54	d	Phenanthrene	85-01-8	ug/L	5/20/2019	ND	
MW-56	d	Phenanthrene	85-01-8	ug/L	5/20/2019	ND	
MW-14R	d	Phenanthrene	85-01-8	ug/L	9/11/2019	ND	
MW-29	d	Phenanthrene	85-01-8	ug/L	9/11/2019	ND	
MW-33R	d	Phenanthrene	85-01-8	ug/L	9/11/2019	ND	
MW-58	d	Phenanthrene	85-01-8	ug/L	9/11/2019	ND	
MW-55	d	Phenanthrene	85-01-8	ug/L	11/12/2020	ND	
MW-39	d	Phenol	108-95-2	ug/L	3/11/2013	ND	
MW-31R	d	Phenol	108-95-2	ug/L	9/10/2013	ND	
MW-32R	d	Phenol	108-95-2	ug/L	9/10/2013	ND	
MW-18	d	Phenol	108-95-2	ug/L	12/18/2013	ND	
MW-20	d	Phenol	108-95-2	ug/L	12/18/2013	ND	
MW-21	d	Phenol	108-95-2	ug/L	12/18/2013	ND	
MW-22R	d	Phenol	108-95-2	ug/L	12/18/2013	ND	
MW-30R	d	Phenol	108-95-2	ug/L	12/18/2013	ND	
MW-18	d	Phenol	108-95-2	ug/L	6/24/2014	ND	
MW-29	d	Phenol	108-95-2	ug/L	7/24/2014	ND	
MW-57	d	Phenol	108-95-2	ug/L	7/24/2014	ND	
MW-58	d	Phenol	108-95-2	ug/L	7/24/2014	ND	
MW-33R	d	Phenol	108-95-2	ug/L	9/24/2014	ND	
MW-50	d	Phenol	108-95-2	ug/L	9/24/2014	ND	
MW-51	d	Phenol	108-95-2	ug/L	9/24/2014	ND	
MW-52	d	Phenol	108-95-2	ug/L	9/24/2014	ND	
MW-53	d	Phenol	108-95-2	ug/L	9/24/2014	ND	
MW-54	d	Phenol	108-95-2	ug/L	9/24/2014	ND	
MW-14R	d	Phenol	108-95-2	ug/L	12/4/2014	ND	
MW-19	d	Phenol	108-95-2	ug/L	12/4/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-28	d	Phenol	108-95-2	ug/L	12/4/2014	ND	
MW-56	d	Phenol	108-95-2	ug/L	12/4/2014	ND	
MW-55	d	Phenol	108-95-2	ug/L	3/11/2015	ND	
MW-20	d	Phenol	108-95-2	ug/L	4/3/2018	ND	
MW-21	d	Phenol	108-95-2	ug/L	4/3/2018	ND	
MW-30R	d	Phenol	108-95-2	ug/L	4/3/2018	ND	
MW-31R	d	Phenol	108-95-2	ug/L	4/3/2018	ND	
MW-32R	d	Phenol	108-95-2	ug/L	4/3/2018	ND	
MW-39	d	Phenol	108-95-2	ug/L	11/1/2018	ND	
MW-22R	d	Phenol	108-95-2	ug/L	11/2/2018	ND	
MW-18	d	Phenol	108-95-2	ug/L	5/16/2019	ND	
MW-19	d	Phenol	108-95-2	ug/L	5/16/2019	ND	
MW-28	d	Phenol	108-95-2	ug/L	5/16/2019	ND	
MW-50	d	Phenol	108-95-2	ug/L	5/20/2019	ND	
MW-51	d	Phenol	108-95-2	ug/L	5/20/2019	ND	
MW-52	d	Phenol	108-95-2	ug/L	5/20/2019	ND	
MW-53	d	Phenol	108-95-2	ug/L	5/20/2019	ND	
MW-54	d	Phenol	108-95-2	ug/L	5/20/2019	ND	
MW-56	d	Phenol	108-95-2	ug/L	5/20/2019	ND	
MW-14R	d	Phenol	108-95-2	ug/L	9/11/2019	ND	
MW-29	d	Phenol	108-95-2	ug/L	9/11/2019	ND	
MW-33R	d	Phenol	108-95-2	ug/L	9/11/2019	ND	
MW-58	d	Phenol	108-95-2	ug/L	9/11/2019	ND	
MW-55	d	Phenol	108-95-2	ug/L	11/12/2020	ND	
MW-39	d	Phorate	298-02-2	ug/L	3/11/2013	ND	
MW-31R	d	Phorate	298-02-2	ug/L	9/10/2013	ND	
MW-32R	d	Phorate	298-02-2	ug/L	9/10/2013	ND	
MW-18	d	Phorate	298-02-2	ug/L	12/18/2013	ND	
MW-20	d	Phorate	298-02-2	ug/L	12/18/2013	ND	
MW-21	d	Phorate	298-02-2	ug/L	12/18/2013	ND	
MW-22R	d	Phorate	298-02-2	ug/L	12/18/2013	ND	
MW-30R	d	Phorate	298-02-2	ug/L	12/18/2013	ND	
MW-18	d	Phorate	298-02-2	ug/L	6/24/2014	ND	
MW-29	d	Phorate	298-02-2	ug/L	7/24/2014	ND	
MW-57	d	Phorate	298-02-2	ug/L	7/24/2014	ND	
MW-58	d	Phorate	298-02-2	ug/L	7/24/2014	ND	
MW-33R	d	Phorate	298-02-2	ug/L	9/24/2014	ND	
MW-50	d	Phorate	298-02-2	ug/L	9/24/2014	ND	
MW-51	d	Phorate	298-02-2	ug/L	9/24/2014	ND	
MW-52	d	Phorate	298-02-2	ug/L	9/24/2014	ND	
MW-53	d	Phorate	298-02-2	ug/L	9/24/2014	ND	
MW-54	d	Phorate	298-02-2	ug/L	9/24/2014	ND	
MW-14R	d	Phorate	298-02-2	ug/L	12/4/2014	ND	
MW-19	d	Phorate	298-02-2	ug/L	12/4/2014	ND	
MW-28	d	Phorate	298-02-2	ug/L	12/4/2014	ND	
MW-56	d	Phorate	298-02-2	ug/L	12/4/2014	ND	
MW-55	d	Phorate	298-02-2	ug/L	3/11/2015	ND	
MW-20	d	Phorate	298-02-2	ug/L	4/3/2018	ND	
MW-21	d	Phorate	298-02-2	ug/L	4/3/2018	ND	
MW-30R	d	Phorate	298-02-2	ug/L	4/3/2018	ND	
MW-31R	d	Phorate	298-02-2	ug/L	4/3/2018	ND	
MW-32R	d	Phorate	298-02-2	ug/L	4/3/2018	ND	
MW-39	d	Phorate	298-02-2	ug/L	11/1/2018	ND	
MW-22R	d	Phorate	298-02-2	ug/L	11/2/2018	ND	
MW-18	d	Phorate	298-02-2	ug/L	5/16/2019	ND	
MW-19	d	Phorate	298-02-2	ug/L	5/16/2019	ND	
MW-28	d	Phorate	298-02-2	ug/L	5/16/2019	ND	
MW-50	d	Phorate	298-02-2	ug/L	5/20/2019	ND	
MW-51	d	Phorate	298-02-2	ug/L	5/20/2019	ND	
MW-52	d	Phorate	298-02-2	ug/L	5/20/2019	ND	
MW-53	d	Phorate	298-02-2	ug/L	5/20/2019	ND	
MW-54	d	Phorate	298-02-2	ug/L	5/20/2019	ND	
MW-56	d	Phorate	298-02-2	ug/L	5/20/2019	ND	
MW-14R	d	Phorate	298-02-2	ug/L	9/11/2019	ND	
MW-29	d	Phorate	298-02-2	ug/L	9/11/2019	ND	
MW-33R	d	Phorate	298-02-2	ug/L	9/11/2019	ND	
MW-58	d	Phorate	298-02-2	ug/L	9/11/2019	ND	
MW-55	d	Phorate	298-02-2	ug/L	11/12/2020	ND	
MW-68	d	Potassium	9/7/7440	mg/L	6/30/2015		2.64
MW-69	d	Potassium	9/7/7440	mg/L	6/30/2015		1.77
MW-70	d	Potassium	9/7/7440	mg/L	6/30/2015	ND	
MW-72	d	Potassium	9/7/7440	mg/L	6/30/2015		1.05
PZ-13	d	Potassium	9/7/7440	mg/L	7/1/2015	ND	
MW-68	d	Potassium	9/7/7440	mg/L	9/24/2015		1.85
MW-69	d	Potassium	9/7/7440	mg/L	9/24/2015		2.11
MW-70	d	Potassium	9/7/7440	mg/L	9/25/2015	ND	
MW-72	d	Potassium	9/7/7440	mg/L	9/25/2015		1.14
PZ-13	d	Potassium	9/7/7440	mg/L	9/25/2015	ND	
MW-14R	d	Potassium	9/7/7440	mg/L	2/15/2016		1.02
MW-68	d	Potassium	9/7/7440	mg/L	2/16/2016		1.98
MW-69	d	Potassium	9/7/7440	mg/L	2/16/2016		1.96
MW-53	d	Potassium	9/7/7440	mg/L	2/17/2016		3.52
PIAEastSump	d	Potassium	9/7/7440	mg/L	2/17/2016		183
PIAWestSump	d	Potassium	9/7/7440	mg/L	2/17/2016		302
MW-39	d	Pronamide	23950-58-5	ug/L	3/11/2013	ND	
MW-31R	d	Pronamide	23950-58-5	ug/L	9/10/2013	ND	
MW-32R	d	Pronamide	23950-58-5	ug/L	9/10/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-18	d	Pronamide	23950-58-5	ug/L	12/18/2013	ND	
MW-20	d	Pronamide	23950-58-5	ug/L	12/18/2013	ND	
MW-21	d	Pronamide	23950-58-5	ug/L	12/18/2013	ND	
MW-22R	d	Pronamide	23950-58-5	ug/L	12/18/2013	ND	
MW-30R	d	Pronamide	23950-58-5	ug/L	12/18/2013	ND	
MW-18	d	Pronamide	23950-58-5	ug/L	6/24/2014	ND	
MW-29	d	Pronamide	23950-58-5	ug/L	7/24/2014	ND	
MW-57	d	Pronamide	23950-58-5	ug/L	7/24/2014	ND	
MW-58	d	Pronamide	23950-58-5	ug/L	7/24/2014	ND	
MW-33R	d	Pronamide	23950-58-5	ug/L	9/24/2014	ND	
MW-50	d	Pronamide	23950-58-5	ug/L	9/24/2014	ND	
MW-51	d	Pronamide	23950-58-5	ug/L	9/24/2014	ND	
MW-52	d	Pronamide	23950-58-5	ug/L	9/24/2014	ND	
MW-53	d	Pronamide	23950-58-5	ug/L	9/24/2014	ND	
MW-54	d	Pronamide	23950-58-5	ug/L	9/24/2014	ND	
MW-14R	d	Pronamide	23950-58-5	ug/L	12/4/2014	ND	
MW-19	d	Pronamide	23950-58-5	ug/L	12/4/2014	ND	
MW-28	d	Pronamide	23950-58-5	ug/L	12/4/2014	ND	
MW-56	d	Pronamide	23950-58-5	ug/L	12/4/2014	ND	
MW-55	d	Pronamide	23950-58-5	ug/L	3/11/2015	ND	
MW-20	d	Pronamide	23950-58-5	ug/L	4/3/2018	ND	
MW-21	d	Pronamide	23950-58-5	ug/L	4/3/2018	ND	
MW-30R	d	Pronamide	23950-58-5	ug/L	4/3/2018	ND	
MW-31R	d	Pronamide	23950-58-5	ug/L	4/3/2018	ND	
MW-32R	d	Pronamide	23950-58-5	ug/L	4/3/2018	ND	
MW-39	d	Pronamide	23950-58-5	ug/L	11/1/2018	ND	
MW-22R	d	Pronamide	23950-58-5	ug/L	11/2/2018	ND	
MW-18	d	Pronamide	23950-58-5	ug/L	5/16/2019	ND	
MW-19	d	Pronamide	23950-58-5	ug/L	5/16/2019	ND	
MW-28	d	Pronamide	23950-58-5	ug/L	5/16/2019	ND	
MW-50	d	Pronamide	23950-58-5	ug/L	5/20/2019	ND	
MW-51	d	Pronamide	23950-58-5	ug/L	5/20/2019	ND	
MW-52	d	Pronamide	23950-58-5	ug/L	5/20/2019	ND	
MW-53	d	Pronamide	23950-58-5	ug/L	5/20/2019	ND	
MW-54	d	Pronamide	23950-58-5	ug/L	5/20/2019	ND	
MW-56	d	Pronamide	23950-58-5	ug/L	5/20/2019	ND	
MW-14R	d	Pronamide	23950-58-5	ug/L	9/11/2019	ND	
MW-29	d	Pronamide	23950-58-5	ug/L	9/11/2019	ND	
MW-33R	d	Pronamide	23950-58-5	ug/L	9/11/2019	ND	
MW-58	d	Pronamide	23950-58-5	ug/L	9/11/2019	ND	
MW-55	d	Pronamide	23950-58-5	ug/L	11/12/2020	ND	
MW-39	d	Propionitrile	107-12-0	ug/L	3/11/2013	ND	
MW-31R	d	Propionitrile	107-12-0	ug/L	9/10/2013	ND	
MW-32R	d	Propionitrile	107-12-0	ug/L	9/10/2013	ND	
MW-18	d	Propionitrile	107-12-0	ug/L	12/18/2013	ND	
MW-20	d	Propionitrile	107-12-0	ug/L	12/18/2013	ND	
MW-21	d	Propionitrile	107-12-0	ug/L	12/18/2013	ND	
MW-22R	d	Propionitrile	107-12-0	ug/L	12/18/2013	ND	
MW-30R	d	Propionitrile	107-12-0	ug/L	12/18/2013	ND	
MW-18	d	Propionitrile	107-12-0	ug/L	6/24/2014	ND	
MW-29	d	Propionitrile	107-12-0	ug/L	7/24/2014	ND	
MW-57	d	Propionitrile	107-12-0	ug/L	7/24/2014	ND	
MW-58	d	Propionitrile	107-12-0	ug/L	7/24/2014	ND	
MW-33R	d	Propionitrile	107-12-0	ug/L	9/24/2014	ND	
MW-50	d	Propionitrile	107-12-0	ug/L	9/24/2014	ND	
MW-51	d	Propionitrile	107-12-0	ug/L	9/24/2014	ND	
MW-52	d	Propionitrile	107-12-0	ug/L	9/24/2014	ND	
MW-53	d	Propionitrile	107-12-0	ug/L	9/24/2014	ND	
MW-54	d	Propionitrile	107-12-0	ug/L	9/24/2014	ND	
MW-14R	d	Propionitrile	107-12-0	ug/L	12/4/2014	ND	
MW-19	d	Propionitrile	107-12-0	ug/L	12/4/2014	ND	
MW-28	d	Propionitrile	107-12-0	ug/L	12/4/2014	ND	
MW-56	d	Propionitrile	107-12-0	ug/L	12/4/2014	ND	
MW-55	d	Propionitrile	107-12-0	ug/L	3/11/2015	ND	
MW-20	d	Propionitrile	107-12-0	ug/L	4/3/2018	ND	
MW-21	d	Propionitrile	107-12-0	ug/L	4/3/2018	ND	
MW-30R	d	Propionitrile	107-12-0	ug/L	4/3/2018	ND	
MW-31R	d	Propionitrile	107-12-0	ug/L	4/3/2018	ND	
MW-32R	d	Propionitrile	107-12-0	ug/L	4/3/2018	ND	
MW-39	d	Propionitrile	107-12-0	ug/L	11/1/2018	ND	
MW-22R	d	Propionitrile	107-12-0	ug/L	11/2/2018	ND	
MW-18	d	Propionitrile	107-12-0	ug/L	5/16/2019	ND	
MW-19	d	Propionitrile	107-12-0	ug/L	5/16/2019	ND	
MW-28	d	Propionitrile	107-12-0	ug/L	5/16/2019	ND	
MW-50	d	Propionitrile	107-12-0	ug/L	5/20/2019	ND	
MW-51	d	Propionitrile	107-12-0	ug/L	5/20/2019	ND	
MW-52	d	Propionitrile	107-12-0	ug/L	5/20/2019	ND	
MW-54	d	Propionitrile	107-12-0	ug/L	5/20/2019	ND	
MW-56	d	Propionitrile	107-12-0	ug/L	5/20/2019	ND	
MW-53	d	Propionitrile	107-12-0	ug/L	5/21/2019	ND	
MW-14R	d	Propionitrile	107-12-0	ug/L	9/11/2019	ND	
MW-29	d	Propionitrile	107-12-0	ug/L	9/11/2019	ND	
MW-30R	d	Propionitrile	107-12-0	ug/L	9/11/2019	ND	
MW-33R	d	Propionitrile	107-12-0	ug/L	9/11/2019	ND	
MW-58	d	Propionitrile	107-12-0	ug/L	9/11/2019	ND	
MW-55	d	Propionitrile	107-12-0	ug/L	11/12/2020	ND	
MW-39	d	Pyrene	129-00-0	ug/L	3/11/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	Pyrene	129-00-0	ug/L	9/10/2013	ND	
MW-32R	d	Pyrene	129-00-0	ug/L	9/10/2013	ND	
MW-18	d	Pyrene	129-00-0	ug/L	12/18/2013	ND	
MW-20	d	Pyrene	129-00-0	ug/L	12/18/2013	ND	
MW-21	d	Pyrene	129-00-0	ug/L	12/18/2013	ND	
MW-22R	d	Pyrene	129-00-0	ug/L	12/18/2013	ND	
MW-30R	d	Pyrene	129-00-0	ug/L	12/18/2013	ND	
MW-18	d	Pyrene	129-00-0	ug/L	6/24/2014	ND	
MW-29	d	Pyrene	129-00-0	ug/L	7/24/2014	ND	
MW-57	d	Pyrene	129-00-0	ug/L	7/24/2014	ND	
MW-58	d	Pyrene	129-00-0	ug/L	7/24/2014	ND	
MW-33R	d	Pyrene	129-00-0	ug/L	9/24/2014	ND	
MW-50	d	Pyrene	129-00-0	ug/L	9/24/2014	ND	
MW-51	d	Pyrene	129-00-0	ug/L	9/24/2014	ND	
MW-52	d	Pyrene	129-00-0	ug/L	9/24/2014	ND	
MW-53	d	Pyrene	129-00-0	ug/L	9/24/2014	ND	
MW-54	d	Pyrene	129-00-0	ug/L	9/24/2014	ND	
MW-14R	d	Pyrene	129-00-0	ug/L	12/4/2014	ND	
MW-19	d	Pyrene	129-00-0	ug/L	12/4/2014	ND	
MW-28	d	Pyrene	129-00-0	ug/L	12/4/2014	ND	
MW-56	d	Pyrene	129-00-0	ug/L	12/4/2014	ND	
MW-55	d	Pyrene	129-00-0	ug/L	3/11/2015	ND	
MW-20	d	Pyrene	129-00-0	ug/L	4/3/2018	ND	
MW-21	d	Pyrene	129-00-0	ug/L	4/3/2018	ND	
MW-30R	d	Pyrene	129-00-0	ug/L	4/3/2018	ND	
MW-31R	d	Pyrene	129-00-0	ug/L	4/3/2018	ND	
MW-32R	d	Pyrene	129-00-0	ug/L	4/3/2018	ND	
MW-39	d	Pyrene	129-00-0	ug/L	11/1/2018	ND	
MW-22R	d	Pyrene	129-00-0	ug/L	11/2/2018	ND	
MW-18	d	Pyrene	129-00-0	ug/L	5/16/2019	ND	
MW-19	d	Pyrene	129-00-0	ug/L	5/16/2019	ND	
MW-28	d	Pyrene	129-00-0	ug/L	5/16/2019	ND	
MW-50	d	Pyrene	129-00-0	ug/L	5/20/2019	ND	
MW-51	d	Pyrene	129-00-0	ug/L	5/20/2019	ND	
MW-52	d	Pyrene	129-00-0	ug/L	5/20/2019	ND	
MW-53	d	Pyrene	129-00-0	ug/L	5/20/2019	ND	
MW-54	d	Pyrene	129-00-0	ug/L	5/20/2019	ND	
MW-56	d	Pyrene	129-00-0	ug/L	5/20/2019	ND	
MW-14R	d	Pyrene	129-00-0	ug/L	9/11/2019	ND	
MW-29	d	Pyrene	129-00-0	ug/L	9/11/2019	ND	
MW-33R	d	Pyrene	129-00-0	ug/L	9/11/2019	ND	
MW-58	d	Pyrene	129-00-0	ug/L	9/11/2019	ND	
MW-55	d	Pyrene	129-00-0	ug/L	11/12/2020	ND	
MW-39	d	Safrole	94-59-7	ug/L	3/11/2013	ND	
MW-31R	d	Safrole	94-59-7	ug/L	9/10/2013	ND	
MW-32R	d	Safrole	94-59-7	ug/L	9/10/2013	ND	
MW-18	d	Safrole	94-59-7	ug/L	12/18/2013	ND	
MW-20	d	Safrole	94-59-7	ug/L	12/18/2013	ND	
MW-21	d	Safrole	94-59-7	ug/L	12/18/2013	ND	
MW-22R	d	Safrole	94-59-7	ug/L	12/18/2013	ND	
MW-30R	d	Safrole	94-59-7	ug/L	12/18/2013	ND	
MW-18	d	Safrole	94-59-7	ug/L	6/24/2014	ND	
MW-29	d	Safrole	94-59-7	ug/L	7/24/2014	ND	
MW-57	d	Safrole	94-59-7	ug/L	7/24/2014	ND	
MW-58	d	Safrole	94-59-7	ug/L	7/24/2014	ND	
MW-33R	d	Safrole	94-59-7	ug/L	9/24/2014	ND	
MW-50	d	Safrole	94-59-7	ug/L	9/24/2014	ND	
MW-51	d	Safrole	94-59-7	ug/L	9/24/2014	ND	
MW-52	d	Safrole	94-59-7	ug/L	9/24/2014	ND	
MW-53	d	Safrole	94-59-7	ug/L	9/24/2014	ND	
MW-54	d	Safrole	94-59-7	ug/L	9/24/2014	ND	
MW-14R	d	Safrole	94-59-7	ug/L	12/4/2014	ND	
MW-19	d	Safrole	94-59-7	ug/L	12/4/2014	ND	
MW-28	d	Safrole	94-59-7	ug/L	12/4/2014	ND	
MW-56	d	Safrole	94-59-7	ug/L	12/4/2014	ND	
MW-55	d	Safrole	94-59-7	ug/L	3/11/2015	ND	
MW-20	d	Safrole	94-59-7	ug/L	4/3/2018	ND	
MW-21	d	Safrole	94-59-7	ug/L	4/3/2018	ND	
MW-30R	d	Safrole	94-59-7	ug/L	4/3/2018	ND	
MW-31R	d	Safrole	94-59-7	ug/L	4/3/2018	ND	
MW-32R	d	Safrole	94-59-7	ug/L	4/3/2018	ND	
MW-39	d	Safrole	94-59-7	ug/L	11/1/2018	ND	
MW-22R	d	Safrole	94-59-7	ug/L	11/2/2018	ND	
MW-18	d	Safrole	94-59-7	ug/L	5/16/2019	ND	
MW-19	d	Safrole	94-59-7	ug/L	5/16/2019	ND	
MW-28	d	Safrole	94-59-7	ug/L	5/16/2019	ND	
MW-50	d	Safrole	94-59-7	ug/L	5/20/2019	ND	
MW-51	d	Safrole	94-59-7	ug/L	5/20/2019	ND	
MW-52	d	Safrole	94-59-7	ug/L	5/20/2019	ND	
MW-53	d	Safrole	94-59-7	ug/L	5/20/2019	ND	
MW-54	d	Safrole	94-59-7	ug/L	5/20/2019	ND	
MW-56	d	Safrole	94-59-7	ug/L	5/20/2019	ND	
MW-14R	d	Safrole	94-59-7	ug/L	9/11/2019	ND	
MW-29	d	Safrole	94-59-7	ug/L	9/11/2019	ND	
MW-33R	d	Safrole	94-59-7	ug/L	9/11/2019	ND	
MW-58	d	Safrole	94-59-7	ug/L	9/11/2019	ND	
MW-55	d	Safrole	94-59-7	ug/L	11/12/2020	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-51	d	Selenium	7782-49-2	mg/L	1/15/2010	ND	
MW-24R	u	Selenium	7782-49-2	mg/L	2/11/2010	ND	
MW-53	d	Selenium	7782-49-2	mg/L	2/11/2010	ND	
GU-3A	d	Selenium	7782-49-2	mg/L	3/24/2010	ND	
MW-20	d	Selenium	7782-49-2	mg/L	3/24/2010	ND	
MW-21	d	Selenium	7782-49-2	mg/L	3/24/2010	ND	
MW-22R	d	Selenium	7782-49-2	mg/L	3/24/2010	ND	
MW-52	d	Selenium	7782-49-2	mg/L	3/24/2010	ND	
MW-54	d	Selenium	7782-49-2	mg/L	3/24/2010	ND	
MW-55	d	Selenium	7782-49-2	mg/L	3/24/2010	ND	
MW-28	d	Selenium	7782-49-2	mg/L	4/9/2010	ND	
MW-33R	d	Selenium	7782-49-2	mg/L	4/9/2010	ND	
MW-50	d	Selenium	7782-49-2	mg/L	4/9/2010	ND	
MW-56	d	Selenium	7782-49-2	mg/L	4/9/2010	ND	
MW-57	d	Selenium	7782-49-2	mg/L	4/9/2010	ND	
MW-58	d	Selenium	7782-49-2	mg/L	4/9/2010	ND	
MW-32R	d	Selenium	7782-49-2	mg/L	5/18/2010	ND	
MW-14R	d	Selenium	7782-49-2	mg/L	6/17/2010	ND	
MW-19	d	Selenium	7782-49-2	mg/L	6/17/2010	ND	
MW-29	d	Selenium	7782-49-2	mg/L	6/17/2010	ND	
MW-30R	d	Selenium	7782-49-2	mg/L	6/17/2010	ND	
MW-31R	d	Selenium	7782-49-2	mg/L	6/17/2010	ND	
MW-51	d	Selenium	7782-49-2	mg/L	6/17/2010	ND	
MW-21	d	Selenium	7782-49-2	mg/L	7/21/2010	ND	
MW-54	d	Selenium	7782-49-2	mg/L	7/21/2010	ND	
MW-20	d	Selenium	7782-49-2	mg/L	8/17/2010	ND	
MW-29	d	Selenium	7782-49-2	mg/L	8/17/2010	ND	
MW-39	d	Selenium	7782-49-2	mg/L	8/17/2010	ND	
MW-51	d	Selenium	7782-49-2	mg/L	8/17/2010	ND	
GU-3A	d	Selenium	7782-49-2	mg/L	9/17/2010	ND	
MW-22R	d	Selenium	7782-49-2	mg/L	9/17/2010	ND	
MW-55	d	Selenium	7782-49-2	mg/L	9/17/2010	ND	
MW-19	d	Selenium	7782-49-2	mg/L	10/22/2010	ND	
MW-24R	u	Selenium	7782-49-2	mg/L	10/22/2010	ND	
MW-30R	d	Selenium	7782-49-2	mg/L	10/22/2010	ND	
MW-31R	d	Selenium	7782-49-2	mg/L	10/22/2010	ND	
MW-50	d	Selenium	7782-49-2	mg/L	10/22/2010	ND	
MW-53	d	Selenium	7782-49-2	mg/L	10/22/2010	ND	
MW-56	d	Selenium	7782-49-2	mg/L	10/22/2010	ND	
MW-58	d	Selenium	7782-49-2	mg/L	10/22/2010	ND	
MW-14R	d	Selenium	7782-49-2	mg/L	11/8/2010	ND	
MW-32R	d	Selenium	7782-49-2	mg/L	11/8/2010	ND	
MW-57	d	Selenium	7782-49-2	mg/L	11/8/2010	ND	
MW-28	d	Selenium	7782-49-2	mg/L	12/15/2010	ND	
MW-33R	d	Selenium	7782-49-2	mg/L	12/15/2010	ND	
MW-52	d	Selenium	7782-49-2	mg/L	12/15/2010	ND	
MW-54	d	Selenium	7782-49-2	mg/L	1/12/2011	ND	
MW-54	d	Selenium	7782-49-2	mg/L	1/12/2011	ND	
MW-20	d	Selenium	7782-49-2	mg/L	2/22/2011	ND	
MW-22R	d	Selenium	7782-49-2	mg/L	2/22/2011	ND	
MW-51	d	Selenium	7782-49-2	mg/L	2/22/2011	ND	
MW-52	d	Selenium	7782-49-2	mg/L	2/22/2011	ND	
MW-53	d	Selenium	7782-49-2	mg/L	2/22/2011	ND	
MW-55	d	Selenium	7782-49-2	mg/L	2/22/2011	ND	
GU-3A	d	Selenium	7782-49-2	mg/L	3/2/2011	ND	
MW-21	d	Selenium	7782-49-2	mg/L	3/2/2011	ND	
MW-21	d	Selenium	7782-49-2	mg/L	3/2/2011	ND	
MW-29	d	Selenium	7782-49-2	mg/L	4/21/2011	ND	
MW-30R	d	Selenium	7782-49-2	mg/L	4/21/2011	ND	
MW-31R	d	Selenium	7782-49-2	mg/L	4/21/2011	ND	
MW-31R	d	Selenium	7782-49-2	mg/L	4/21/2011	ND	
MW-32R	d	Selenium	7782-49-2	mg/L	4/21/2011	ND	
MW-54	d	Selenium	7782-49-2	mg/L	5/31/2011	ND	
MW-56	d	Selenium	7782-49-2	mg/L	5/31/2011	ND	
MW-57	d	Selenium	7782-49-2	mg/L	5/31/2011	ND	
MW-58	d	Selenium	7782-49-2	mg/L	5/31/2011	ND	
MW-14R	d	Selenium	7782-49-2	mg/L	6/7/2011	ND	
MW-14R	d	Selenium	7782-49-2	mg/L	6/7/2011	ND	
MW-19	d	Selenium	7782-49-2	mg/L	6/7/2011	ND	
MW-28	d	Selenium	7782-49-2	mg/L	6/7/2011	ND	
MW-33R	d	Selenium	7782-49-2	mg/L	6/7/2011	ND	
MW-39	d	Selenium	7782-49-2	mg/L	6/7/2011	ND	
MW-50	d	Selenium	7782-49-2	mg/L	6/7/2011	ND	
MW-52	d	Selenium	7782-49-2	mg/L	7/22/2011	ND	
MW-56	d	Selenium	7782-49-2	mg/L	7/22/2011	ND	
MW-58	d	Selenium	7782-49-2	mg/L	7/22/2011	ND	
MW-14R	d	Selenium	7782-49-2	mg/L	8/29/2011	ND	
MW-19	d	Selenium	7782-49-2	mg/L	8/29/2011	ND	
MW-19	d	Selenium	7782-49-2	mg/L	8/29/2011	ND	
MW-32R	d	Selenium	7782-49-2	mg/L	8/29/2011	ND	
GU-3A	d	Selenium	7782-49-2	mg/L	9/9/2011	ND	
MW-22R	d	Selenium	7782-49-2	mg/L	9/9/2011	ND	
MW-23	u	Selenium	7782-49-2	mg/L	9/9/2011	ND	
MW-24R	u	Selenium	7782-49-2	mg/L	9/9/2011	ND	
MW-28	d	Selenium	7782-49-2	mg/L	9/9/2011	ND	
MW-29	d	Selenium	7782-49-2	mg/L	9/9/2011	ND	
MW-51	d	Selenium	7782-49-2	mg/L	9/9/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-53	d	Selenium	7782-49-2	mg/L	9/9/2011	ND	
MW-53	d	Selenium	7782-49-2	mg/L	9/9/2011	ND	
MW-21	d	Selenium	7782-49-2	mg/L	10/4/2011	ND	
MW-50	d	Selenium	7782-49-2	mg/L	10/4/2011	ND	
MW-50	d	Selenium	7782-49-2	mg/L	10/4/2011	ND	
MW-54	d	Selenium	7782-49-2	mg/L	10/4/2011	ND	
MW-57	d	Selenium	7782-49-2	mg/L	10/4/2011	ND	
MW-20	d	Selenium	7782-49-2	mg/L	11/29/2011	ND	
MW-30R	d	Selenium	7782-49-2	mg/L	11/29/2011	ND	
MW-52	d	Selenium	7782-49-2	mg/L	11/29/2011	ND	
MW-55	d	Selenium	7782-49-2	mg/L	11/29/2011	ND	
MW-31R	d	Selenium	7782-49-2	mg/L	12/16/2011	ND	
MW-33R	d	Selenium	7782-49-2	mg/L	12/16/2011	ND	
MW-39	d	Selenium	7782-49-2	mg/L	12/16/2011	ND	
MW-14R	d	Selenium	7782-49-2	mg/L	3/8/2012	ND	
MW-19	d	Selenium	7782-49-2	mg/L	3/8/2012	ND	
MW-20	d	Selenium	7782-49-2	mg/L	3/8/2012	ND	
MW-21	d	Selenium	7782-49-2	mg/L	3/8/2012	ND	
MW-22R	d	Selenium	7782-49-2	mg/L	3/8/2012	ND	
MW-23	u	Selenium	7782-49-2	mg/L	3/8/2012	ND	
MW-24R	u	Selenium	7782-49-2	mg/L	3/8/2012	ND	
MW-28	d	Selenium	7782-49-2	mg/L	3/8/2012	ND	
MW-39	d	Selenium	7782-49-2	mg/L	3/8/2012	ND	
MW-55	d	Selenium	7782-49-2	mg/L	3/8/2012	ND	
MW-56	d	Selenium	7782-49-2	mg/L	3/8/2012	ND	
MW-57	d	Selenium	7782-49-2	mg/L	3/8/2012	ND	
MW-58	d	Selenium	7782-49-2	mg/L	3/8/2012	ND	
GU-3A	d	Selenium	7782-49-2	mg/L	6/13/2012	ND	
MW-29	d	Selenium	7782-49-2	mg/L	6/13/2012	ND	
MW-30R	d	Selenium	7782-49-2	mg/L	6/13/2012	ND	
MW-31R	d	Selenium	7782-49-2	mg/L	6/13/2012	ND	
MW-32R	d	Selenium	7782-49-2	mg/L	6/13/2012	ND	
MW-33R	d	Selenium	7782-49-2	mg/L	6/13/2012	ND	
MW-50	d	Selenium	7782-49-2	mg/L	6/13/2012	ND	
MW-50	d	Selenium	7782-49-2	mg/L	6/13/2012	ND	
MW-51	d	Selenium	7782-49-2	mg/L	6/13/2012	ND	
MW-52	d	Selenium	7782-49-2	mg/L	6/13/2012	ND	
MW-53	d	Selenium	7782-49-2	mg/L	6/13/2012		0.00593
MW-54	d	Selenium	7782-49-2	mg/L	6/13/2012	ND	
GU-3A	d	Selenium	7782-49-2	mg/L	9/4/2012	ND	
MW-20	d	Selenium	7782-49-2	mg/L	9/4/2012	ND	
MW-21	d	Selenium	7782-49-2	mg/L	9/4/2012	ND	
MW-22R	d	Selenium	7782-49-2	mg/L	9/4/2012	ND	
MW-23	u	Selenium	7782-49-2	mg/L	9/4/2012	ND	
MW-50	d	Selenium	7782-49-2	mg/L	9/4/2012	ND	
MW-51	d	Selenium	7782-49-2	mg/L	9/4/2012	ND	
MW-52	d	Selenium	7782-49-2	mg/L	9/4/2012	ND	
MW-53	d	Selenium	7782-49-2	mg/L	9/4/2012	ND	
MW-54	d	Selenium	7782-49-2	mg/L	9/4/2012	ND	
MW-54	d	Selenium	7782-49-2	mg/L	9/4/2012	ND	
MW-57	d	Selenium	7782-49-2	mg/L	9/4/2012	ND	
MW-58	d	Selenium	7782-49-2	mg/L	9/4/2012	ND	
MW-14R	d	Selenium	7782-49-2	mg/L	12/19/2012	ND	
MW-19	d	Selenium	7782-49-2	mg/L	12/19/2012	ND	
MW-28	d	Selenium	7782-49-2	mg/L	12/19/2012	ND	
MW-29	d	Selenium	7782-49-2	mg/L	12/19/2012	ND	
MW-30R	d	Selenium	7782-49-2	mg/L	12/19/2012	ND	
MW-31R	d	Selenium	7782-49-2	mg/L	12/19/2012	ND	
MW-32R	d	Selenium	7782-49-2	mg/L	12/19/2012	ND	
MW-33R	d	Selenium	7782-49-2	mg/L	12/19/2012	ND	
MW-33R	d	Selenium	7782-49-2	mg/L	12/19/2012	ND	
MW-39	d	Selenium	7782-49-2	mg/L	12/19/2012	ND	
MW-55	d	Selenium	7782-49-2	mg/L	12/19/2012	ND	
MW-56	d	Selenium	7782-49-2	mg/L	12/19/2012	ND	
MW-14R	d	Selenium	7782-49-2	mg/L	3/11/2013	ND	
MW-19	d	Selenium	7782-49-2	mg/L	3/11/2013	ND	
MW-23	u	Selenium	7782-49-2	mg/L	3/11/2013	ND	
MW-28	d	Selenium	7782-49-2	mg/L	3/11/2013	ND	
MW-39	d	Selenium	7782-49-2	mg/L	3/11/2013	ND	
MW-50	d	Selenium	7782-49-2	mg/L	3/11/2013	ND	
MW-50	d	Selenium	7782-49-2	mg/L	3/11/2013	ND	
MW-51	d	Selenium	7782-49-2	mg/L	3/11/2013	ND	
MW-52	d	Selenium	7782-49-2	mg/L	3/11/2013	ND	
MW-53	d	Selenium	7782-49-2	mg/L	3/11/2013	ND	
MW-54	d	Selenium	7782-49-2	mg/L	3/11/2013	ND	
MW-55	d	Selenium	7782-49-2	mg/L	3/11/2013	ND	
MW-56	d	Selenium	7782-49-2	mg/L	3/11/2013	ND	
MW-20	d	Selenium	7782-49-2	mg/L	6/10/2013	ND	
MW-20	d	Selenium	7782-49-2	mg/L	6/10/2013	ND	
MW-21	d	Selenium	7782-49-2	mg/L	6/10/2013	ND	
MW-22R	d	Selenium	7782-49-2	mg/L	6/10/2013	ND	
MW-29	d	Selenium	7782-49-2	mg/L	6/10/2013	ND	
MW-30R	d	Selenium	7782-49-2	mg/L	6/10/2013	ND	
MW-31R	d	Selenium	7782-49-2	mg/L	6/10/2013	ND	
MW-32R	d	Selenium	7782-49-2	mg/L	6/10/2013	ND	
MW-33R	d	Selenium	7782-49-2	mg/L	6/10/2013	ND	
MW-57	d	Selenium	7782-49-2	mg/L	6/10/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	Selenium	7782-49-2	mg/L	6/10/2013	ND	
GU-3A	d	Selenium	7782-49-2	mg/L	9/10/2013	ND	
MW-23	u	Selenium	7782-49-2	mg/L	9/10/2013	ND	
MW-31R	d	Selenium	7782-49-2	mg/L	9/10/2013	ND	
MW-31R	d	Selenium	7782-49-2	mg/L	9/10/2013	ND	
MW-32R	d	Selenium	7782-49-2	mg/L	9/10/2013	ND	
MW-33R	d	Selenium	7782-49-2	mg/L	9/10/2013	ND	
MW-50	d	Selenium	7782-49-2	mg/L	9/10/2013	ND	
MW-51	d	Selenium	7782-49-2	mg/L	9/10/2013	ND	
MW-52	d	Selenium	7782-49-2	mg/L	9/10/2013	ND	
MW-53	d	Selenium	7782-49-2	mg/L	9/10/2013	ND	
MW-54	d	Selenium	7782-49-2	mg/L	9/10/2013	ND	
MW-14R	d	Selenium	7782-49-2	mg/L	12/18/2013	ND	
MW-18	d	Selenium	7782-49-2	mg/L	12/18/2013	J	0.00134
MW-19	d	Selenium	7782-49-2	mg/L	12/18/2013	ND	
MW-20	d	Selenium	7782-49-2	mg/L	12/18/2013	J	0.000786
MW-21	d	Selenium	7782-49-2	mg/L	12/18/2013	J	0.000607
MW-22R	d	Selenium	7782-49-2	mg/L	12/18/2013	J	0.00221
MW-28	d	Selenium	7782-49-2	mg/L	12/18/2013	ND	
MW-30R	d	Selenium	7782-49-2	mg/L	12/18/2013	ND	
MW-39	d	Selenium	7782-49-2	mg/L	12/18/2013	ND	
MW-39	d	Selenium	7782-49-2	mg/L	12/18/2013	J	0.000876
MW-55	d	Selenium	7782-49-2	mg/L	12/18/2013	ND	
MW-18	d	Selenium	7782-49-2	mg/L	3/20/2014	ND	
MW-20	d	Selenium	7782-49-2	mg/L	3/20/2014	ND	
MW-21	d	Selenium	7782-49-2	mg/L	3/20/2014	ND	
MW-21	d	Selenium	7782-49-2	mg/L	3/20/2014	ND	
MW-22R	d	Selenium	7782-49-2	mg/L	3/20/2014	ND	
MW-23	u	Selenium	7782-49-2	mg/L	3/20/2014	ND	
MW-30R	d	Selenium	7782-49-2	mg/L	3/20/2014	ND	
MW-31R	d	Selenium	7782-49-2	mg/L	3/20/2014	ND	
MW-32R	d	Selenium	7782-49-2	mg/L	3/20/2014	ND	
MW-33R	d	Selenium	7782-49-2	mg/L	3/20/2014	ND	
MW-14R	d	Selenium	7782-49-2	mg/L	6/24/2014	ND	
MW-14R	d	Selenium	7782-49-2	mg/L	6/24/2014	ND	
MW-18	d	Selenium	7782-49-2	mg/L	6/24/2014	ND	
MW-19	d	Selenium	7782-49-2	mg/L	6/24/2014	ND	
MW-28	d	Selenium	7782-49-2	mg/L	6/24/2014	ND	
MW-39	d	Selenium	7782-49-2	mg/L	6/24/2014	ND	
MW-50	d	Selenium	7782-49-2	mg/L	6/24/2014	ND	
MW-51	d	Selenium	7782-49-2	mg/L	6/24/2014	ND	
MW-52	d	Selenium	7782-49-2	mg/L	6/24/2014	ND	
MW-53	d	Selenium	7782-49-2	mg/L	6/24/2014	ND	
MW-54	d	Selenium	7782-49-2	mg/L	6/24/2014	ND	
MW-55	d	Selenium	7782-49-2	mg/L	6/24/2014	ND	
MW-58	d	Selenium	7782-49-2	mg/L	6/24/2014	ND	
MW-29	d	Selenium	7782-49-2	mg/L	7/24/2014	ND	
MW-56	d	Selenium	7782-49-2	mg/L	7/24/2014	ND	
MW-57	d	Selenium	7782-49-2	mg/L	7/24/2014	ND	
GU-3A	d	Selenium	7782-49-2	mg/L	9/24/2014	ND	
MW-18	d	Selenium	7782-49-2	mg/L	9/24/2014	ND	
MW-23	u	Selenium	7782-49-2	mg/L	9/24/2014	ND	
MW-24R	u	Selenium	7782-49-2	mg/L	9/24/2014	J	0.000554
MW-29	d	Selenium	7782-49-2	mg/L	9/24/2014	ND	
MW-30R	d	Selenium	7782-49-2	mg/L	9/24/2014	ND	
MW-31R	d	Selenium	7782-49-2	mg/L	9/24/2014	ND	
MW-31R	d	Selenium	7782-49-2	mg/L	9/24/2014	ND	
MW-32R	d	Selenium	7782-49-2	mg/L	9/24/2014	ND	
MW-33R	d	Selenium	7782-49-2	mg/L	9/24/2014	ND	
MW-50	d	Selenium	7782-49-2	mg/L	9/24/2014	ND	
MW-51	d	Selenium	7782-49-2	mg/L	9/24/2014	ND	
MW-52	d	Selenium	7782-49-2	mg/L	9/24/2014	ND	
MW-53	d	Selenium	7782-49-2	mg/L	9/24/2014	ND	
MW-54	d	Selenium	7782-49-2	mg/L	9/24/2014	ND	
MW-14R	d	Selenium	7782-49-2	mg/L	12/4/2014	J	0.00118
MW-18	d	Selenium	7782-49-2	mg/L	12/4/2014	J	0.001
MW-19	d	Selenium	7782-49-2	mg/L	12/4/2014	J	0.00107
MW-20	d	Selenium	7782-49-2	mg/L	12/4/2014	J	0.00118
MW-21	d	Selenium	7782-49-2	mg/L	12/4/2014	J	0.000805
MW-22R	d	Selenium	7782-49-2	mg/L	12/4/2014	J	0.000825
MW-28	d	Selenium	7782-49-2	mg/L	12/4/2014	J	0.00105
MW-39	d	Selenium	7782-49-2	mg/L	12/4/2014	ND	
MW-56	d	Selenium	7782-49-2	mg/L	12/4/2014	J	0.00101
MW-57	d	Selenium	7782-49-2	mg/L	12/4/2014	J	0.000771
MW-57	d	Selenium	7782-49-2	mg/L	12/4/2014	J	0.000682
MW-58	d	Selenium	7782-49-2	mg/L	12/4/2014	J	0.000794
MW-14R	d	Selenium	7782-49-2	mg/L	3/11/2015	ND	
MW-18	d	Selenium	7782-49-2	mg/L	3/11/2015	ND	
MW-19	d	Selenium	7782-49-2	mg/L	3/11/2015	ND	
MW-20	d	Selenium	7782-49-2	mg/L	3/11/2015	ND	
MW-21	d	Selenium	7782-49-2	mg/L	3/11/2015	ND	
MW-22R	d	Selenium	7782-49-2	mg/L	3/11/2015	ND	
MW-23	u	Selenium	7782-49-2	mg/L	3/11/2015	ND	
MW-24R	u	Selenium	7782-49-2	mg/L	3/11/2015	ND	
MW-28	d	Selenium	7782-49-2	mg/L	3/11/2015	ND	
MW-39	d	Selenium	7782-49-2	mg/L	3/11/2015	ND	
MW-55	d	Selenium	7782-49-2	mg/L	3/11/2015	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	Selenium	7782-49-2	mg/L	3/11/2015	ND	
MW-57	d	Selenium	7782-49-2	mg/L	3/11/2015	ND	
MW-58	d	Selenium	7782-49-2	mg/L	3/11/2015	ND	
MW-58	d	Selenium	7782-49-2	mg/L	3/11/2015	ND	
MW-29	d	Selenium	7782-49-2	mg/L	6/29/2015	ND	
MW-30R	d	Selenium	7782-49-2	mg/L	6/29/2015	ND	
MW-31R	d	Selenium	7782-49-2	mg/L	6/29/2015	ND	
MW-31R	d	Selenium	7782-49-2	mg/L	6/29/2015	ND	
MW-32R	d	Selenium	7782-49-2	mg/L	6/29/2015	ND	
MW-33R	d	Selenium	7782-49-2	mg/L	6/29/2015	ND	
MW-50	d	Selenium	7782-49-2	mg/L	6/29/2015	ND	
MW-51	d	Selenium	7782-49-2	mg/L	6/29/2015	ND	
MW-52	d	Selenium	7782-49-2	mg/L	6/29/2015	ND	
MW-53	d	Selenium	7782-49-2	mg/L	6/29/2015	ND	
MW-54	d	Selenium	7782-49-2	mg/L	6/29/2015	ND	
GU-3A	d	Selenium	7782-49-2	mg/L	9/22/2015	ND	
MW-14R	d	Selenium	7782-49-2	mg/L	2/15/2016	ND	
MW-14R	d	Selenium	7782-49-2	mg/L	2/15/2016	ND	
MW-18	d	Selenium	7782-49-2	mg/L	2/15/2016	ND	
MW-19	d	Selenium	7782-49-2	mg/L	2/15/2016	ND	
MW-39	d	Selenium	7782-49-2	mg/L	2/15/2016	ND	
MW-20	d	Selenium	7782-49-2	mg/L	2/16/2016	ND	
MW-21	d	Selenium	7782-49-2	mg/L	2/16/2016	ND	
MW-55	d	Selenium	7782-49-2	mg/L	2/16/2016	ND	
MW-56	d	Selenium	7782-49-2	mg/L	2/16/2016	ND	
MW-57	d	Selenium	7782-49-2	mg/L	2/16/2016	ND	
MW-58	d	Selenium	7782-49-2	mg/L	2/16/2016	ND	
MW-22R	d	Selenium	7782-49-2	mg/L	2/17/2016	ND	
MW-23	u	Selenium	7782-49-2	mg/L	2/17/2016	ND	
MW-24R	u	Selenium	7782-49-2	mg/L	2/17/2016	ND	
MW-28	d	Selenium	7782-49-2	mg/L	8/25/2016	ND	
MW-29	d	Selenium	7782-49-2	mg/L	8/25/2016	ND	
MW-30R	d	Selenium	7782-49-2	mg/L	8/25/2016	ND	
MW-31R	d	Selenium	7782-49-2	mg/L	8/25/2016	ND	
MW-32R	d	Selenium	7782-49-2	mg/L	8/25/2016	ND	
MW-33R	d	Selenium	7782-49-2	mg/L	8/25/2016	ND	
MW-50	d	Selenium	7782-49-2	mg/L	8/25/2016	ND	
MW-51	d	Selenium	7782-49-2	mg/L	8/25/2016	ND	
MW-52	d	Selenium	7782-49-2	mg/L	8/25/2016	ND	
MW-53	d	Selenium	7782-49-2	mg/L	8/25/2016	ND	
MW-54	d	Selenium	7782-49-2	mg/L	8/25/2016	ND	
GU-3A	d	Selenium	7782-49-2	mg/L	8/26/2016	J	0.00112
MW-18	d	Selenium	7782-49-2	mg/L	1/17/2017	ND	
MW-19	d	Selenium	7782-49-2	mg/L	1/17/2017	ND	
MW-22R	d	Selenium	7782-49-2	mg/L	1/17/2017	J	0.00118
MW-23	u	Selenium	7782-49-2	mg/L	1/17/2017	ND	
MW-24R	u	Selenium	7782-49-2	mg/L	1/17/2017	J	0.00142
MW-28	d	Selenium	7782-49-2	mg/L	1/17/2017	ND	
MW-28	d	Selenium	7782-49-2	mg/L	1/17/2017	ND	
MW-39	d	Selenium	7782-49-2	mg/L	1/17/2017	ND	
MW-50	d	Selenium	7782-49-2	mg/L	1/17/2017	ND	
MW-51	d	Selenium	7782-49-2	mg/L	1/17/2017	ND	
MW-53	d	Selenium	7782-49-2	mg/L	1/17/2017	ND	
MW-54	d	Selenium	7782-49-2	mg/L	1/17/2017	ND	
MW-56	d	Selenium	7782-49-2	mg/L	1/17/2017	ND	
GU-3A	d	Selenium	7782-49-2	mg/L	7/10/2017	ND	
MW-14R	d	Selenium	7782-49-2	mg/L	7/10/2017	ND	
MW-20	d	Selenium	7782-49-2	mg/L	7/10/2017	ND	
MW-21	d	Selenium	7782-49-2	mg/L	7/10/2017	ND	
MW-29	d	Selenium	7782-49-2	mg/L	7/10/2017	ND	
MW-30R	d	Selenium	7782-49-2	mg/L	7/10/2017	ND	
MW-31R	d	Selenium	7782-49-2	mg/L	7/10/2017	ND	
MW-32R	d	Selenium	7782-49-2	mg/L	7/10/2017	ND	
MW-32R	d	Selenium	7782-49-2	mg/L	7/10/2017	ND	
MW-33R	d	Selenium	7782-49-2	mg/L	7/10/2017	ND	
MW-57	d	Selenium	7782-49-2	mg/L	7/10/2017	ND	
MW-58	d	Selenium	7782-49-2	mg/L	7/10/2017	ND	
MW-52	d	Selenium	7782-49-2	mg/L	10/17/2017	ND	
MW-55	d	Selenium	7782-49-2	mg/L	10/17/2017	ND	
GU-3A	d	Selenium	7782-49-2	mg/L	4/3/2018	ND	
GU-3A	d	Selenium	7782-49-2	mg/L	4/3/2018		0.00814
MW-20	d	Selenium	7782-49-2	mg/L	4/3/2018	ND	
MW-21	d	Selenium	7782-49-2	mg/L	4/3/2018	ND	
MW-30R	d	Selenium	7782-49-2	mg/L	4/3/2018	ND	
MW-31R	d	Selenium	7782-49-2	mg/L	4/3/2018	ND	
MW-32R	d	Selenium	7782-49-2	mg/L	4/3/2018	ND	
MW-33R	d	Selenium	7782-49-2	mg/L	4/3/2018	J	0.00142
MW-33R	d	Selenium	7782-49-2	mg/L	4/3/2018	J	0.00108
MW-23	u	Selenium	7782-49-2	mg/L	11/1/2018	ND	
MW-24R	u	Selenium	7782-49-2	mg/L	11/1/2018	J	0.00104
MW-39	d	Selenium	7782-49-2	mg/L	11/1/2018	ND	
MW-50	d	Selenium	7782-49-2	mg/L	11/1/2018	ND	
MW-51	d	Selenium	7782-49-2	mg/L	11/1/2018	ND	
MW-52	d	Selenium	7782-49-2	mg/L	11/1/2018	ND	
MW-53	d	Selenium	7782-49-2	mg/L	11/1/2018	ND	
MW-54	d	Selenium	7782-49-2	mg/L	11/1/2018	ND	
MW-55	d	Selenium	7782-49-2	mg/L	11/1/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-18	d	Selenium	7782-49-2	mg/L	11/2/2018	ND	
MW-19	d	Selenium	7782-49-2	mg/L	11/2/2018	ND	
MW-22R	d	Selenium	7782-49-2	mg/L	11/2/2018	ND	
MW-28	d	Selenium	7782-49-2	mg/L	11/2/2018	ND	
MW-56	d	Selenium	7782-49-2	mg/L	11/2/2018	ND	
MW-18	d	Selenium	7782-49-2	mg/L	5/16/2019	ND	
MW-19	d	Selenium	7782-49-2	mg/L	5/16/2019	ND	
MW-28	d	Selenium	7782-49-2	mg/L	5/16/2019	ND	
MW-55	d	Selenium	7782-49-2	mg/L	5/16/2019	ND	
MW-50	d	Selenium	7782-49-2	mg/L	5/20/2019	ND	
MW-51	d	Selenium	7782-49-2	mg/L	5/20/2019	ND	
MW-52	d	Selenium	7782-49-2	mg/L	5/20/2019	ND	
MW-54	d	Selenium	7782-49-2	mg/L	5/20/2019	ND	
MW-56	d	Selenium	7782-49-2	mg/L	5/20/2019	ND	
MW-53	d	Selenium	7782-49-2	mg/L	5/21/2019	ND	
MW-14R	d	Selenium	7782-49-2	mg/L	9/11/2019	ND	
MW-29	d	Selenium	7782-49-2	mg/L	9/11/2019	ND	
MW-33R	d	Selenium	7782-49-2	mg/L	9/11/2019	ND	
MW-58	d	Selenium	7782-49-2	mg/L	9/11/2019	ND	
GU-3A	d	Selenium	7782-49-2	mg/L	3/16/2020	ND	
MW-33R	d	Selenium	7782-49-2	mg/L	3/16/2020	ND	
MW-19	d	Selenium	7782-49-2	mg/L	7/20/2020	ND	
MW-28	d	Selenium	7782-49-2	mg/L	7/20/2020	ND	
MW-51	d	Selenium	7782-49-2	mg/L	7/20/2020	ND	
MW-55	d	Selenium	7782-49-2	mg/L	7/20/2020	ND	
MW-56	d	Selenium	7782-49-2	mg/L	7/20/2020	ND	
MW-57R	d	Selenium	7782-49-2	mg/L	7/20/2020	ND	
MW-73	d	Selenium	7782-49-2	mg/L	7/20/2020	ND	
MW-18	d	Selenium	7782-49-2	mg/L	7/21/2020	ND	
MW-50	d	Selenium	7782-49-2	mg/L	7/21/2020	ND	
MW-52	d	Selenium	7782-49-2	mg/L	7/21/2020	ND	
MW-53	d	Selenium	7782-49-2	mg/L	7/21/2020	ND	
MW-54	d	Selenium	7782-49-2	mg/L	7/21/2020	ND	
MW-55	d	Selenium	7782-49-2	mg/L	11/12/2020	ND	
MW-32R	d	Selenium	7782-49-2	mg/L	8/24/2021		<0.00500
MW-33R	d	Selenium	7782-49-2	mg/L	8/24/2021		<0.00500
MW-14R	d	Selenium	7782-49-2	mg/L	8/24/2021		<0.00500
MW-31R	d	Selenium	7782-49-2	mg/L	8/24/2021		<0.00500
MW-29	d	Selenium	7782-49-2	mg/L	8/25/2021		<0.00500
MW-58	d	Selenium	7782-49-2	mg/L	8/25/2021		<0.00500
MW-30R	d	Selenium	7782-49-2	mg/L	8/25/2021		<0.00500
MW-57R	d	Selenium	7782-49-2	mg/L	8/26/2021		<0.00500
MW-73	d	Selenium	7782-49-2	mg/L	8/27/2021		<0.00500
GU-3A	d	Selenium	7782-49-2	mg/L	9/8/2021		<0.00500
MW-24R	u	Selenium	7782-49-2	mg/L	12/7/2021	J	0.00152
MW-28	d	Selenium	7782-49-2	mg/L	12/7/2021		<0.00500
MW-57R	d	Selenium	7782-49-2	mg/L	12/7/2021		<0.00500
MW-73	d	Selenium	7782-49-2	mg/L	12/7/2021		<0.00500
MW-56	d	Selenium	7782-49-2	mg/L	12/7/2021		<0.00500
MW-19	d	Selenium	7782-49-2	mg/L	12/7/2021		<0.00500
MW-18	d	Selenium	7782-49-2	mg/L	12/7/2021		<0.00500
MW-55	d	Selenium	7782-49-2	mg/L	12/7/2021		<0.00500
MW-50	d	Selenium	7782-49-2	mg/L	12/7/2021		<0.00500
MW-23	u	Selenium	7782-49-2	mg/L	12/8/2021		<0.00500
MW-39	d	Selenium	7782-49-2	mg/L	12/8/2021		<0.00500
MW-51	d	Selenium	7782-49-2	mg/L	12/8/2021		<0.00500
MW-52	d	Selenium	7782-49-2	mg/L	12/8/2021		<0.00500
MW-53	d	Selenium	7782-49-2	mg/L	12/8/2021		<0.00500
MW-54	d	Selenium	7782-49-2	mg/L	12/8/2021		<0.00500
MW-51	d	Silver	7440-22-4	mg/L	1/15/2010	ND	
MW-24R	u	Silver	7440-22-4	mg/L	2/11/2010	ND	
MW-53	d	Silver	7440-22-4	mg/L	2/11/2010	ND	
GU-3A	d	Silver	7440-22-4	mg/L	3/24/2010	ND	
MW-20	d	Silver	7440-22-4	mg/L	3/24/2010	ND	
MW-21	d	Silver	7440-22-4	mg/L	3/24/2010	ND	
MW-22R	d	Silver	7440-22-4	mg/L	3/24/2010	ND	
MW-52	d	Silver	7440-22-4	mg/L	3/24/2010	ND	
MW-54	d	Silver	7440-22-4	mg/L	3/24/2010	ND	
MW-55	d	Silver	7440-22-4	mg/L	3/24/2010	ND	
MW-28	d	Silver	7440-22-4	mg/L	4/9/2010	ND	
MW-33R	d	Silver	7440-22-4	mg/L	4/9/2010	ND	
MW-50	d	Silver	7440-22-4	mg/L	4/9/2010	ND	
MW-56	d	Silver	7440-22-4	mg/L	4/9/2010	ND	
MW-57	d	Silver	7440-22-4	mg/L	4/9/2010	ND	
MW-58	d	Silver	7440-22-4	mg/L	4/9/2010	ND	
MW-32R	d	Silver	7440-22-4	mg/L	5/18/2010	ND	
MW-14R	d	Silver	7440-22-4	mg/L	6/17/2010	ND	
MW-19	d	Silver	7440-22-4	mg/L	6/17/2010	ND	
MW-29	d	Silver	7440-22-4	mg/L	6/17/2010	ND	
MW-30R	d	Silver	7440-22-4	mg/L	6/17/2010	ND	
MW-31R	d	Silver	7440-22-4	mg/L	6/17/2010	ND	
MW-51	d	Silver	7440-22-4	mg/L	6/17/2010	ND	
MW-21	d	Silver	7440-22-4	mg/L	7/21/2010	ND	
MW-54	d	Silver	7440-22-4	mg/L	7/21/2010	ND	
MW-20	d	Silver	7440-22-4	mg/L	8/17/2010	ND	
MW-29	d	Silver	7440-22-4	mg/L	8/17/2010	ND	
MW-39	d	Silver	7440-22-4	mg/L	8/17/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-51	d	Silver	7440-22-4	mg/L	8/17/2010	ND	
GU-3A	d	Silver	7440-22-4	mg/L	9/17/2010	ND	
MW-22R	d	Silver	7440-22-4	mg/L	9/17/2010	ND	
MW-55	d	Silver	7440-22-4	mg/L	9/17/2010	ND	
MW-19	d	Silver	7440-22-4	mg/L	10/22/2010	ND	
MW-24R	u	Silver	7440-22-4	mg/L	10/22/2010	ND	
MW-30R	d	Silver	7440-22-4	mg/L	10/22/2010	ND	
MW-31R	d	Silver	7440-22-4	mg/L	10/22/2010	ND	
MW-50	d	Silver	7440-22-4	mg/L	10/22/2010	ND	
MW-53	d	Silver	7440-22-4	mg/L	10/22/2010	ND	
MW-56	d	Silver	7440-22-4	mg/L	10/22/2010	ND	
MW-58	d	Silver	7440-22-4	mg/L	10/22/2010	ND	
MW-14R	d	Silver	7440-22-4	mg/L	11/8/2010	ND	
MW-32R	d	Silver	7440-22-4	mg/L	11/8/2010	ND	
MW-57	d	Silver	7440-22-4	mg/L	11/8/2010	ND	
MW-28	d	Silver	7440-22-4	mg/L	12/15/2010	ND	
MW-33R	d	Silver	7440-22-4	mg/L	12/15/2010	ND	
MW-52	d	Silver	7440-22-4	mg/L	12/15/2010	ND	
MW-54	d	Silver	7440-22-4	mg/L	1/12/2011	ND	
MW-54	d	Silver	7440-22-4	mg/L	1/12/2011	ND	
MW-20	d	Silver	7440-22-4	mg/L	2/22/2011	ND	
MW-22R	d	Silver	7440-22-4	mg/L	2/22/2011	ND	
MW-51	d	Silver	7440-22-4	mg/L	2/22/2011	ND	
MW-52	d	Silver	7440-22-4	mg/L	2/22/2011	ND	
MW-53	d	Silver	7440-22-4	mg/L	2/22/2011	ND	
MW-55	d	Silver	7440-22-4	mg/L	2/22/2011	ND	
GU-3A	d	Silver	7440-22-4	mg/L	3/2/2011	ND	
MW-21	d	Silver	7440-22-4	mg/L	3/2/2011	ND	
MW-21	d	Silver	7440-22-4	mg/L	3/2/2011	ND	
MW-29	d	Silver	7440-22-4	mg/L	4/21/2011	ND	
MW-30R	d	Silver	7440-22-4	mg/L	4/21/2011	ND	
MW-31R	d	Silver	7440-22-4	mg/L	4/21/2011	ND	
MW-31R	d	Silver	7440-22-4	mg/L	4/21/2011	ND	
MW-32R	d	Silver	7440-22-4	mg/L	4/21/2011	ND	
MW-54	d	Silver	7440-22-4	mg/L	5/31/2011	ND	
MW-56	d	Silver	7440-22-4	mg/L	5/31/2011	ND	
MW-57	d	Silver	7440-22-4	mg/L	5/31/2011	ND	
MW-58	d	Silver	7440-22-4	mg/L	5/31/2011	ND	
MW-14R	d	Silver	7440-22-4	mg/L	6/7/2011	ND	
MW-14R	d	Silver	7440-22-4	mg/L	6/7/2011	ND	
MW-19	d	Silver	7440-22-4	mg/L	6/7/2011	ND	
MW-28	d	Silver	7440-22-4	mg/L	6/7/2011	ND	
MW-33R	d	Silver	7440-22-4	mg/L	6/7/2011	ND	
MW-39	d	Silver	7440-22-4	mg/L	6/7/2011	ND	
MW-50	d	Silver	7440-22-4	mg/L	6/7/2011	ND	
MW-52	d	Silver	7440-22-4	mg/L	7/22/2011	ND	
MW-56	d	Silver	7440-22-4	mg/L	7/22/2011	ND	
MW-58	d	Silver	7440-22-4	mg/L	7/22/2011	ND	
MW-14R	d	Silver	7440-22-4	mg/L	8/29/2011	ND	
MW-19	d	Silver	7440-22-4	mg/L	8/29/2011	ND	
MW-19	d	Silver	7440-22-4	mg/L	8/29/2011	ND	
MW-32R	d	Silver	7440-22-4	mg/L	8/29/2011	ND	
GU-3A	d	Silver	7440-22-4	mg/L	9/9/2011	ND	
MW-22R	d	Silver	7440-22-4	mg/L	9/9/2011	ND	
MW-23	u	Silver	7440-22-4	mg/L	9/9/2011	ND	
MW-24R	u	Silver	7440-22-4	mg/L	9/9/2011	ND	
MW-28	d	Silver	7440-22-4	mg/L	9/9/2011	ND	
MW-29	d	Silver	7440-22-4	mg/L	9/9/2011	ND	
MW-51	d	Silver	7440-22-4	mg/L	9/9/2011	ND	
MW-53	d	Silver	7440-22-4	mg/L	9/9/2011	ND	
MW-53	d	Silver	7440-22-4	mg/L	9/9/2011	ND	
MW-21	d	Silver	7440-22-4	mg/L	10/4/2011	ND	
MW-50	d	Silver	7440-22-4	mg/L	10/4/2011	ND	
MW-50	d	Silver	7440-22-4	mg/L	10/4/2011	ND	
MW-54	d	Silver	7440-22-4	mg/L	10/4/2011	ND	
MW-57	d	Silver	7440-22-4	mg/L	10/4/2011	ND	
MW-20	d	Silver	7440-22-4	mg/L	11/29/2011	ND	
MW-30R	d	Silver	7440-22-4	mg/L	11/29/2011	ND	
MW-52	d	Silver	7440-22-4	mg/L	11/29/2011	ND	
MW-55	d	Silver	7440-22-4	mg/L	11/29/2011	ND	
MW-31R	d	Silver	7440-22-4	mg/L	12/16/2011	ND	
MW-33R	d	Silver	7440-22-4	mg/L	12/16/2011	ND	
MW-39	d	Silver	7440-22-4	mg/L	12/16/2011	ND	
MW-14R	d	Silver	7440-22-4	mg/L	3/8/2012	ND	
MW-19	d	Silver	7440-22-4	mg/L	3/8/2012	ND	
MW-20	d	Silver	7440-22-4	mg/L	3/8/2012	ND	
MW-21	d	Silver	7440-22-4	mg/L	3/8/2012	ND	
MW-22R	d	Silver	7440-22-4	mg/L	3/8/2012	ND	
MW-23	u	Silver	7440-22-4	mg/L	3/8/2012	ND	
MW-24R	u	Silver	7440-22-4	mg/L	3/8/2012	ND	
MW-28	d	Silver	7440-22-4	mg/L	3/8/2012	ND	
MW-39	d	Silver	7440-22-4	mg/L	3/8/2012	ND	
MW-55	d	Silver	7440-22-4	mg/L	3/8/2012	ND	
MW-56	d	Silver	7440-22-4	mg/L	3/8/2012	ND	
MW-57	d	Silver	7440-22-4	mg/L	3/8/2012	ND	
MW-58	d	Silver	7440-22-4	mg/L	3/8/2012	ND	
GU-3A	d	Silver	7440-22-4	mg/L	6/13/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Silver	7440-22-4	mg/L	6/13/2012	ND	
MW-30R	d	Silver	7440-22-4	mg/L	6/13/2012	ND	
MW-31R	d	Silver	7440-22-4	mg/L	6/13/2012	ND	
MW-32R	d	Silver	7440-22-4	mg/L	6/13/2012	ND	
MW-33R	d	Silver	7440-22-4	mg/L	6/13/2012	ND	
MW-50	d	Silver	7440-22-4	mg/L	6/13/2012	ND	
MW-50	d	Silver	7440-22-4	mg/L	6/13/2012	ND	
MW-51	d	Silver	7440-22-4	mg/L	6/13/2012	ND	
MW-52	d	Silver	7440-22-4	mg/L	6/13/2012	ND	
MW-53	d	Silver	7440-22-4	mg/L	6/13/2012	ND	
MW-54	d	Silver	7440-22-4	mg/L	6/13/2012	ND	
GU-3A	d	Silver	7440-22-4	mg/L	9/4/2012	ND	
MW-20	d	Silver	7440-22-4	mg/L	9/4/2012	ND	
MW-21	d	Silver	7440-22-4	mg/L	9/4/2012	ND	
MW-22R	d	Silver	7440-22-4	mg/L	9/4/2012	ND	
MW-23	u	Silver	7440-22-4	mg/L	9/4/2012	ND	
MW-50	d	Silver	7440-22-4	mg/L	9/4/2012	ND	
MW-51	d	Silver	7440-22-4	mg/L	9/4/2012	ND	
MW-52	d	Silver	7440-22-4	mg/L	9/4/2012	ND	
MW-53	d	Silver	7440-22-4	mg/L	9/4/2012	ND	
MW-54	d	Silver	7440-22-4	mg/L	9/4/2012	ND	
MW-54	d	Silver	7440-22-4	mg/L	9/4/2012	ND	
MW-57	d	Silver	7440-22-4	mg/L	9/4/2012	ND	
MW-58	d	Silver	7440-22-4	mg/L	9/4/2012	ND	
MW-14R	d	Silver	7440-22-4	mg/L	12/19/2012	ND	
MW-19	d	Silver	7440-22-4	mg/L	12/19/2012	ND	
MW-28	d	Silver	7440-22-4	mg/L	12/19/2012	ND	
MW-29	d	Silver	7440-22-4	mg/L	12/19/2012	ND	
MW-30R	d	Silver	7440-22-4	mg/L	12/19/2012	ND	
MW-31R	d	Silver	7440-22-4	mg/L	12/19/2012	ND	
MW-32R	d	Silver	7440-22-4	mg/L	12/19/2012	ND	
MW-33R	d	Silver	7440-22-4	mg/L	12/19/2012	ND	
MW-33R	d	Silver	7440-22-4	mg/L	12/19/2012	ND	
MW-39	d	Silver	7440-22-4	mg/L	12/19/2012	ND	
MW-55	d	Silver	7440-22-4	mg/L	12/19/2012	ND	
MW-56	d	Silver	7440-22-4	mg/L	12/19/2012	ND	
MW-14R	d	Silver	7440-22-4	mg/L	3/11/2013	ND	
MW-19	d	Silver	7440-22-4	mg/L	3/11/2013	ND	
MW-23	u	Silver	7440-22-4	mg/L	3/11/2013	ND	
MW-28	d	Silver	7440-22-4	mg/L	3/11/2013	ND	
MW-39	d	Silver	7440-22-4	mg/L	3/11/2013	ND	
MW-50	d	Silver	7440-22-4	mg/L	3/11/2013	ND	
MW-50	d	Silver	7440-22-4	mg/L	3/11/2013	ND	
MW-51	d	Silver	7440-22-4	mg/L	3/11/2013	ND	
MW-52	d	Silver	7440-22-4	mg/L	3/11/2013	ND	
MW-53	d	Silver	7440-22-4	mg/L	3/11/2013	ND	
MW-54	d	Silver	7440-22-4	mg/L	3/11/2013	ND	
MW-55	d	Silver	7440-22-4	mg/L	3/11/2013	ND	
MW-56	d	Silver	7440-22-4	mg/L	3/11/2013	ND	
MW-20	d	Silver	7440-22-4	mg/L	6/10/2013	ND	
MW-20	d	Silver	7440-22-4	mg/L	6/10/2013	ND	
MW-21	d	Silver	7440-22-4	mg/L	6/10/2013	ND	
MW-22R	d	Silver	7440-22-4	mg/L	6/10/2013	ND	
MW-29	d	Silver	7440-22-4	mg/L	6/10/2013	ND	
MW-30R	d	Silver	7440-22-4	mg/L	6/10/2013	ND	
MW-31R	d	Silver	7440-22-4	mg/L	6/10/2013	ND	
MW-32R	d	Silver	7440-22-4	mg/L	6/10/2013	ND	
MW-33R	d	Silver	7440-22-4	mg/L	6/10/2013	ND	
MW-57	d	Silver	7440-22-4	mg/L	6/10/2013	ND	
MW-58	d	Silver	7440-22-4	mg/L	6/10/2013	ND	
GU-3A	d	Silver	7440-22-4	mg/L	9/10/2013	ND	
MW-23	u	Silver	7440-22-4	mg/L	9/10/2013	ND	
MW-31R	d	Silver	7440-22-4	mg/L	9/10/2013	ND	
MW-31R	d	Silver	7440-22-4	mg/L	9/10/2013	ND	
MW-32R	d	Silver	7440-22-4	mg/L	9/10/2013	ND	
MW-33R	d	Silver	7440-22-4	mg/L	9/10/2013	ND	
MW-50	d	Silver	7440-22-4	mg/L	9/10/2013	ND	
MW-51	d	Silver	7440-22-4	mg/L	9/10/2013	ND	
MW-52	d	Silver	7440-22-4	mg/L	9/10/2013	ND	
MW-53	d	Silver	7440-22-4	mg/L	9/10/2013	ND	
MW-54	d	Silver	7440-22-4	mg/L	9/10/2013	ND	
MW-14R	d	Silver	7440-22-4	mg/L	12/18/2013	ND	
MW-18	d	Silver	7440-22-4	mg/L	12/18/2013	ND	
MW-19	d	Silver	7440-22-4	mg/L	12/18/2013	ND	
MW-20	d	Silver	7440-22-4	mg/L	12/18/2013	ND	
MW-21	d	Silver	7440-22-4	mg/L	12/18/2013	J	0.00522
MW-22R	d	Silver	7440-22-4	mg/L	12/18/2013	ND	
MW-28	d	Silver	7440-22-4	mg/L	12/18/2013	ND	
MW-30R	d	Silver	7440-22-4	mg/L	12/18/2013	ND	
MW-39	d	Silver	7440-22-4	mg/L	12/18/2013	J	0.00487
MW-39	d	Silver	7440-22-4	mg/L	12/18/2013	ND	
MW-55	d	Silver	7440-22-4	mg/L	12/18/2013	ND	
MW-18	d	Silver	7440-22-4	mg/L	3/20/2014	ND	
MW-20	d	Silver	7440-22-4	mg/L	3/20/2014	ND	
MW-21	d	Silver	7440-22-4	mg/L	3/20/2014	ND	
MW-21	d	Silver	7440-22-4	mg/L	3/20/2014	ND	
MW-22R	d	Silver	7440-22-4	mg/L	3/20/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-23	u	Silver	7440-22-4	mg/L	3/20/2014	ND	
MW-30R	d	Silver	7440-22-4	mg/L	3/20/2014	ND	
MW-31R	d	Silver	7440-22-4	mg/L	3/20/2014	ND	
MW-32R	d	Silver	7440-22-4	mg/L	3/20/2014	ND	
MW-33R	d	Silver	7440-22-4	mg/L	3/20/2014	ND	
MW-14R	d	Silver	7440-22-4	mg/L	6/24/2014	ND	
MW-14R	d	Silver	7440-22-4	mg/L	6/24/2014	ND	
MW-18	d	Silver	7440-22-4	mg/L	6/24/2014	ND	
MW-19	d	Silver	7440-22-4	mg/L	6/24/2014	ND	
MW-28	d	Silver	7440-22-4	mg/L	6/24/2014	ND	
MW-39	d	Silver	7440-22-4	mg/L	6/24/2014	ND	
MW-50	d	Silver	7440-22-4	mg/L	6/24/2014	ND	
MW-51	d	Silver	7440-22-4	mg/L	6/24/2014	ND	
MW-52	d	Silver	7440-22-4	mg/L	6/24/2014	ND	
MW-53	d	Silver	7440-22-4	mg/L	6/24/2014	ND	
MW-54	d	Silver	7440-22-4	mg/L	6/24/2014	ND	
MW-55	d	Silver	7440-22-4	mg/L	6/24/2014	ND	
MW-58	d	Silver	7440-22-4	mg/L	6/24/2014	ND	
MW-29	d	Silver	7440-22-4	mg/L	7/24/2014	J	0.00343
MW-56	d	Silver	7440-22-4	mg/L	7/24/2014	ND	
MW-57	d	Silver	7440-22-4	mg/L	7/24/2014	ND	
GU-3A	d	Silver	7440-22-4	mg/L	9/24/2014	ND	
MW-18	d	Silver	7440-22-4	mg/L	9/24/2014	ND	
MW-23	u	Silver	7440-22-4	mg/L	9/24/2014	ND	
MW-24R	u	Silver	7440-22-4	mg/L	9/24/2014	ND	
MW-29	d	Silver	7440-22-4	mg/L	9/24/2014	ND	
MW-30R	d	Silver	7440-22-4	mg/L	9/24/2014	ND	
MW-31R	d	Silver	7440-22-4	mg/L	9/24/2014	ND	
MW-31R	d	Silver	7440-22-4	mg/L	9/24/2014	ND	
MW-32R	d	Silver	7440-22-4	mg/L	9/24/2014	ND	
MW-33R	d	Silver	7440-22-4	mg/L	9/24/2014	ND	
MW-50	d	Silver	7440-22-4	mg/L	9/24/2014	ND	
MW-51	d	Silver	7440-22-4	mg/L	9/24/2014	ND	
MW-52	d	Silver	7440-22-4	mg/L	9/24/2014	ND	
MW-53	d	Silver	7440-22-4	mg/L	9/24/2014	ND	
MW-54	d	Silver	7440-22-4	mg/L	9/24/2014	ND	
MW-14R	d	Silver	7440-22-4	mg/L	12/4/2014	ND	
MW-18	d	Silver	7440-22-4	mg/L	12/4/2014	ND	
MW-19	d	Silver	7440-22-4	mg/L	12/4/2014	ND	
MW-20	d	Silver	7440-22-4	mg/L	12/4/2014	ND	
MW-21	d	Silver	7440-22-4	mg/L	12/4/2014	ND	
MW-22R	d	Silver	7440-22-4	mg/L	12/4/2014	ND	
MW-28	d	Silver	7440-22-4	mg/L	12/4/2014	ND	
MW-39	d	Silver	7440-22-4	mg/L	12/4/2014	ND	
MW-56	d	Silver	7440-22-4	mg/L	12/4/2014	ND	
MW-57	d	Silver	7440-22-4	mg/L	12/4/2014	J	0.0034
MW-57	d	Silver	7440-22-4	mg/L	12/4/2014	ND	
MW-58	d	Silver	7440-22-4	mg/L	12/4/2014	J	0.00271
MW-14R	d	Silver	7440-22-4	mg/L	3/11/2015	ND	
MW-18	d	Silver	7440-22-4	mg/L	3/11/2015	ND	
MW-19	d	Silver	7440-22-4	mg/L	3/11/2015	ND	
MW-20	d	Silver	7440-22-4	mg/L	3/11/2015	ND	
MW-21	d	Silver	7440-22-4	mg/L	3/11/2015	ND	
MW-22R	d	Silver	7440-22-4	mg/L	3/11/2015	ND	
MW-23	u	Silver	7440-22-4	mg/L	3/11/2015	ND	
MW-24R	u	Silver	7440-22-4	mg/L	3/11/2015	ND	
MW-28	d	Silver	7440-22-4	mg/L	3/11/2015	ND	
MW-39	d	Silver	7440-22-4	mg/L	3/11/2015	ND	
MW-55	d	Silver	7440-22-4	mg/L	3/11/2015	ND	
MW-56	d	Silver	7440-22-4	mg/L	3/11/2015	ND	
MW-57	d	Silver	7440-22-4	mg/L	3/11/2015	ND	
MW-58	d	Silver	7440-22-4	mg/L	3/11/2015	ND	
MW-58	d	Silver	7440-22-4	mg/L	3/11/2015	ND	
MW-29	d	Silver	7440-22-4	mg/L	6/29/2015	J	9.00E-05
MW-30R	d	Silver	7440-22-4	mg/L	6/29/2015	J	7.20E-05
MW-31R	d	Silver	7440-22-4	mg/L	6/29/2015	J	0.000107
MW-31R	d	Silver	7440-22-4	mg/L	6/29/2015	ND	
MW-32R	d	Silver	7440-22-4	mg/L	6/29/2015	ND	
MW-33R	d	Silver	7440-22-4	mg/L	6/29/2015	ND	
MW-50	d	Silver	7440-22-4	mg/L	6/29/2015	ND	
MW-51	d	Silver	7440-22-4	mg/L	6/29/2015	ND	
MW-52	d	Silver	7440-22-4	mg/L	6/29/2015	ND	
MW-53	d	Silver	7440-22-4	mg/L	6/29/2015	ND	
MW-54	d	Silver	7440-22-4	mg/L	6/29/2015	ND	
GU-3A	d	Silver	7440-22-4	mg/L	9/22/2015	J	0.000178
MW-14R	d	Silver	7440-22-4	mg/L	2/15/2016	ND	
MW-14R	d	Silver	7440-22-4	mg/L	2/15/2016	ND	
MW-18	d	Silver	7440-22-4	mg/L	2/15/2016	ND	
MW-19	d	Silver	7440-22-4	mg/L	2/15/2016	ND	
MW-39	d	Silver	7440-22-4	mg/L	2/15/2016	ND	
MW-20	d	Silver	7440-22-4	mg/L	2/16/2016	ND	
MW-21	d	Silver	7440-22-4	mg/L	2/16/2016	ND	
MW-55	d	Silver	7440-22-4	mg/L	2/16/2016	ND	
MW-56	d	Silver	7440-22-4	mg/L	2/16/2016	ND	
MW-57	d	Silver	7440-22-4	mg/L	2/16/2016	ND	
MW-58	d	Silver	7440-22-4	mg/L	2/16/2016	ND	
MW-22R	d	Silver	7440-22-4	mg/L	2/17/2016	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-23	u	Silver	7440-22-4	mg/L	2/17/2016	ND	
MW-24R	u	Silver	7440-22-4	mg/L	2/17/2016	ND	
MW-28	d	Silver	7440-22-4	mg/L	8/25/2016	ND	
MW-29	d	Silver	7440-22-4	mg/L	8/25/2016	ND	
MW-30R	d	Silver	7440-22-4	mg/L	8/25/2016	ND	
MW-31R	d	Silver	7440-22-4	mg/L	8/25/2016	ND	
MW-32R	d	Silver	7440-22-4	mg/L	8/25/2016	ND	
MW-33R	d	Silver	7440-22-4	mg/L	8/25/2016	ND	
MW-50	d	Silver	7440-22-4	mg/L	8/25/2016	ND	
MW-51	d	Silver	7440-22-4	mg/L	8/25/2016	ND	
MW-52	d	Silver	7440-22-4	mg/L	8/25/2016	ND	
MW-53	d	Silver	7440-22-4	mg/L	8/25/2016	ND	
MW-54	d	Silver	7440-22-4	mg/L	8/25/2016	ND	
GU-3A	d	Silver	7440-22-4	mg/L	8/26/2016	ND	
MW-18	d	Silver	7440-22-4	mg/L	1/17/2017	ND	
MW-19	d	Silver	7440-22-4	mg/L	1/17/2017	ND	
MW-22R	d	Silver	7440-22-4	mg/L	1/17/2017	ND	
MW-23	u	Silver	7440-22-4	mg/L	1/17/2017	ND	
MW-24R	u	Silver	7440-22-4	mg/L	1/17/2017	ND	
MW-28	d	Silver	7440-22-4	mg/L	1/17/2017	ND	
MW-28	d	Silver	7440-22-4	mg/L	1/17/2017	ND	
MW-39	d	Silver	7440-22-4	mg/L	1/17/2017	ND	
MW-50	d	Silver	7440-22-4	mg/L	1/17/2017	ND	
MW-51	d	Silver	7440-22-4	mg/L	1/17/2017	ND	
MW-53	d	Silver	7440-22-4	mg/L	1/17/2017	ND	
MW-54	d	Silver	7440-22-4	mg/L	1/17/2017	ND	
MW-56	d	Silver	7440-22-4	mg/L	1/17/2017	ND	
GU-3A	d	Silver	7440-22-4	mg/L	7/10/2017	ND	
MW-14R	d	Silver	7440-22-4	mg/L	7/10/2017	ND	
MW-20	d	Silver	7440-22-4	mg/L	7/10/2017	ND	
MW-21	d	Silver	7440-22-4	mg/L	7/10/2017	ND	
MW-29	d	Silver	7440-22-4	mg/L	7/10/2017	ND	
MW-30R	d	Silver	7440-22-4	mg/L	7/10/2017	ND	
MW-31R	d	Silver	7440-22-4	mg/L	7/10/2017	ND	
MW-32R	d	Silver	7440-22-4	mg/L	7/10/2017	ND	
MW-32R	d	Silver	7440-22-4	mg/L	7/10/2017	ND	
MW-33R	d	Silver	7440-22-4	mg/L	7/10/2017	ND	
MW-57	d	Silver	7440-22-4	mg/L	7/10/2017	ND	
MW-58	d	Silver	7440-22-4	mg/L	7/10/2017	ND	
MW-52	d	Silver	7440-22-4	mg/L	10/17/2017	ND	
MW-55	d	Silver	7440-22-4	mg/L	10/17/2017	ND	
GU-3A	d	Silver	7440-22-4	mg/L	4/3/2018	ND	
GU-3A	d	Silver	7440-22-4	mg/L	4/3/2018	ND	
MW-20	d	Silver	7440-22-4	mg/L	4/3/2018	ND	
MW-21	d	Silver	7440-22-4	mg/L	4/3/2018	ND	
MW-30R	d	Silver	7440-22-4	mg/L	4/3/2018	ND	
MW-31R	d	Silver	7440-22-4	mg/L	4/3/2018	ND	
MW-32R	d	Silver	7440-22-4	mg/L	4/3/2018	ND	
MW-33R	d	Silver	7440-22-4	mg/L	4/3/2018	ND	
MW-33R	d	Silver	7440-22-4	mg/L	4/3/2018	ND	
MW-23	u	Silver	7440-22-4	mg/L	11/1/2018	ND	
MW-24R	u	Silver	7440-22-4	mg/L	11/1/2018	ND	
MW-39	d	Silver	7440-22-4	mg/L	11/1/2018	ND	
MW-50	d	Silver	7440-22-4	mg/L	11/1/2018	ND	
MW-51	d	Silver	7440-22-4	mg/L	11/1/2018	ND	
MW-52	d	Silver	7440-22-4	mg/L	11/1/2018	ND	
MW-53	d	Silver	7440-22-4	mg/L	11/1/2018	ND	
MW-54	d	Silver	7440-22-4	mg/L	11/1/2018	ND	
MW-55	d	Silver	7440-22-4	mg/L	11/1/2018	ND	
MW-18	d	Silver	7440-22-4	mg/L	11/2/2018	ND	
MW-19	d	Silver	7440-22-4	mg/L	11/2/2018	ND	
MW-22R	d	Silver	7440-22-4	mg/L	11/2/2018	ND	
MW-28	d	Silver	7440-22-4	mg/L	11/2/2018	ND	
MW-56	d	Silver	7440-22-4	mg/L	11/2/2018	ND	
MW-18	d	Silver	7440-22-4	mg/L	5/16/2019	ND	
MW-19	d	Silver	7440-22-4	mg/L	5/16/2019	ND	
MW-28	d	Silver	7440-22-4	mg/L	5/16/2019	ND	
MW-55	d	Silver	7440-22-4	mg/L	5/16/2019	ND	
MW-50	d	Silver	7440-22-4	mg/L	5/20/2019	ND	
MW-51	d	Silver	7440-22-4	mg/L	5/20/2019	ND	
MW-52	d	Silver	7440-22-4	mg/L	5/20/2019	ND	
MW-54	d	Silver	7440-22-4	mg/L	5/20/2019	ND	
MW-56	d	Silver	7440-22-4	mg/L	5/20/2019	ND	
MW-53	d	Silver	7440-22-4	mg/L	5/21/2019	ND	
MW-14R	d	Silver	7440-22-4	mg/L	9/11/2019	ND	
MW-29	d	Silver	7440-22-4	mg/L	9/11/2019	ND	
MW-33R	d	Silver	7440-22-4	mg/L	9/11/2019	ND	
MW-58	d	Silver	7440-22-4	mg/L	9/11/2019	ND	
GU-3A	d	Silver	7440-22-4	mg/L	3/16/2020	ND	
MW-33R	d	Silver	7440-22-4	mg/L	3/16/2020	ND	
MW-19	d	Silver	7440-22-4	mg/L	7/20/2020	ND	
MW-28	d	Silver	7440-22-4	mg/L	7/20/2020	ND	
MW-51	d	Silver	7440-22-4	mg/L	7/20/2020	ND	
MW-55	d	Silver	7440-22-4	mg/L	7/20/2020	ND	
MW-56	d	Silver	7440-22-4	mg/L	7/20/2020	ND	
MW-57R	d	Silver	7440-22-4	mg/L	7/20/2020	ND	
MW-73	d	Silver	7440-22-4	mg/L	7/20/2020	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-18	d	Silver	7440-22-4	mg/L	7/21/2020	ND	
MW-50	d	Silver	7440-22-4	mg/L	7/21/2020	ND	
MW-52	d	Silver	7440-22-4	mg/L	7/21/2020	ND	
MW-53	d	Silver	7440-22-4	mg/L	7/21/2020	ND	
MW-54	d	Silver	7440-22-4	mg/L	7/21/2020	ND	
MW-55	d	Silver	7440-22-4	mg/L	11/12/2020	ND	
MW-32R	d	Silver	7440-22-4	mg/L	8/24/2021		<0.00100
MW-33R	d	Silver	7440-22-4	mg/L	8/24/2021		<0.00100
MW-14R	d	Silver	7440-22-4	mg/L	8/24/2021		<0.00100
MW-31R	d	Silver	7440-22-4	mg/L	8/24/2021		<0.00100
MW-29	d	Silver	7440-22-4	mg/L	8/25/2021	J	0.00071
MW-58	d	Silver	7440-22-4	mg/L	8/25/2021		<0.00100
MW-30R	d	Silver	7440-22-4	mg/L	8/25/2021		<0.00100
MW-57R	d	Silver	7440-22-4	mg/L	8/26/2021		<0.00100
MW-73	d	Silver	7440-22-4	mg/L	8/27/2021		<0.00100
GU-3A	d	Silver	7440-22-4	mg/L	9/8/2021		<0.00100
MW-24R	u	Silver	7440-22-4	mg/L	12/7/2021		<0.00100
MW-28	d	Silver	7440-22-4	mg/L	12/7/2021		<0.00100
MW-57R	d	Silver	7440-22-4	mg/L	12/7/2021		<0.00100
MW-73	d	Silver	7440-22-4	mg/L	12/7/2021		<0.00100
MW-56	d	Silver	7440-22-4	mg/L	12/7/2021		<0.00100
MW-19	d	Silver	7440-22-4	mg/L	12/7/2021		<0.00100
MW-18	d	Silver	7440-22-4	mg/L	12/7/2021		<0.00100
MW-55	d	Silver	7440-22-4	mg/L	12/7/2021		<0.00100
MW-50	d	Silver	7440-22-4	mg/L	12/7/2021		<0.00100
MW-23	u	Silver	7440-22-4	mg/L	12/8/2021		<0.00100
MW-39	d	Silver	7440-22-4	mg/L	12/8/2021		<0.00100
MW-51	d	Silver	7440-22-4	mg/L	12/8/2021		<0.00100
MW-52	d	Silver	7440-22-4	mg/L	12/8/2021		<0.00100
MW-53	d	Silver	7440-22-4	mg/L	12/8/2021		<0.00100
MW-54	d	Silver	7440-22-4	mg/L	12/8/2021		<0.00100
MW-68	d	Sodium	7440-23-5	mg/L	6/30/2015		21.8
MW-69	d	Sodium	7440-23-5	mg/L	6/30/2015		32.6
MW-70	d	Sodium	7440-23-5	mg/L	6/30/2015		34.6
MW-72	d	Sodium	7440-23-5	mg/L	6/30/2015		14.9
PZ-13	d	Sodium	7440-23-5	mg/L	7/1/2015		10.6
MW-68	d	Sodium	7440-23-5	mg/L	9/24/2015		40.5
MW-69	d	Sodium	7440-23-5	mg/L	9/24/2015		28.7
MW-70	d	Sodium	7440-23-5	mg/L	9/25/2015		34
MW-72	d	Sodium	7440-23-5	mg/L	9/25/2015		14.4
PZ-13	d	Sodium	7440-23-5	mg/L	9/25/2015		10.7
MW-14R	d	Sodium	7440-23-5	mg/L	2/15/2016		11.3
MW-68	d	Sodium	7440-23-5	mg/L	2/16/2016		47.8
MW-69	d	Sodium	7440-23-5	mg/L	2/16/2016		43.4
MW-53	d	Sodium	7440-23-5	mg/L	2/17/2016		29.7
PIAEastSump	d	Sodium	7440-23-5	mg/L	2/17/2016		587
PIAWestSump	d	Sodium	7440-23-5	mg/L	2/17/2016		1180
MW-68	d	Specific Conductance	n/a	umhos/cm	6/30/2015		1024
MW-69	d	Specific Conductance	n/a	umhos/cm	6/30/2015		2290
MW-70	d	Specific Conductance	n/a	umhos/cm	6/30/2015		1980
MW-72	d	Specific Conductance	n/a	umhos/cm	6/30/2015		1417
PZ-13	d	Specific Conductance	n/a	umhos/cm	7/1/2015		519
MW-68	d	Specific Conductance	n/a	umhos/cm	9/24/2015		2670
MW-69	d	Specific Conductance	n/a	umhos/cm	9/24/2015		1295
MW-70	d	Specific Conductance	n/a	umhos/cm	9/25/2015		1295
MW-72	d	Specific Conductance	n/a	umhos/cm	9/25/2015		1600
PZ-13	d	Specific Conductance	n/a	umhos/cm	9/25/2015		581
MW-51	d	Styrene	100-42-5	ug/L	1/15/2010	ND	
MW-24R	u	Styrene	100-42-5	ug/L	2/11/2010	ND	
MW-53	d	Styrene	100-42-5	ug/L	2/11/2010	ND	
GU-3A	d	Styrene	100-42-5	ug/L	3/24/2010	ND	
MW-20	d	Styrene	100-42-5	ug/L	3/24/2010	ND	
MW-21	d	Styrene	100-42-5	ug/L	3/24/2010	ND	
MW-22R	d	Styrene	100-42-5	ug/L	3/24/2010	ND	
MW-52	d	Styrene	100-42-5	ug/L	3/24/2010	ND	
MW-54	d	Styrene	100-42-5	ug/L	3/24/2010	ND	
MW-55	d	Styrene	100-42-5	ug/L	3/24/2010	ND	
MW-28	d	Styrene	100-42-5	ug/L	4/9/2010	ND	
MW-33R	d	Styrene	100-42-5	ug/L	4/9/2010	ND	
MW-50	d	Styrene	100-42-5	ug/L	4/9/2010	ND	
MW-56	d	Styrene	100-42-5	ug/L	4/9/2010	ND	
MW-57	d	Styrene	100-42-5	ug/L	4/9/2010	ND	
MW-58	d	Styrene	100-42-5	ug/L	4/9/2010	ND	
MW-32R	d	Styrene	100-42-5	ug/L	5/18/2010	ND	
MW-14R	d	Styrene	100-42-5	ug/L	6/17/2010	ND	
MW-19	d	Styrene	100-42-5	ug/L	6/17/2010	ND	
MW-29	d	Styrene	100-42-5	ug/L	6/17/2010	ND	
MW-30R	d	Styrene	100-42-5	ug/L	6/17/2010	ND	
MW-31R	d	Styrene	100-42-5	ug/L	6/17/2010	ND	
MW-51	d	Styrene	100-42-5	ug/L	6/17/2010	ND	
MW-21	d	Styrene	100-42-5	ug/L	7/21/2010	ND	
MW-54	d	Styrene	100-42-5	ug/L	7/21/2010	ND	
MW-20	d	Styrene	100-42-5	ug/L	8/17/2010	ND	
MW-29	d	Styrene	100-42-5	ug/L	8/17/2010	ND	
MW-39	d	Styrene	100-42-5	ug/L	8/17/2010	ND	
MW-51	d	Styrene	100-42-5	ug/L	8/17/2010	ND	
GU-3A	d	Styrene	100-42-5	ug/L	9/17/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-22R	d	Styrene	100-42-5	ug/L	9/17/2010	ND	
MW-55	d	Styrene	100-42-5	ug/L	9/17/2010	ND	
MW-19	d	Styrene	100-42-5	ug/L	10/22/2010	ND	
MW-24R	u	Styrene	100-42-5	ug/L	10/22/2010	ND	
MW-30R	d	Styrene	100-42-5	ug/L	10/22/2010	ND	
MW-31R	d	Styrene	100-42-5	ug/L	10/22/2010	ND	
MW-50	d	Styrene	100-42-5	ug/L	10/22/2010	ND	
MW-53	d	Styrene	100-42-5	ug/L	10/22/2010	ND	
MW-56	d	Styrene	100-42-5	ug/L	10/22/2010	ND	
MW-58	d	Styrene	100-42-5	ug/L	10/22/2010	ND	
MW-14R	d	Styrene	100-42-5	ug/L	11/8/2010	ND	
MW-32R	d	Styrene	100-42-5	ug/L	11/8/2010	ND	
MW-57	d	Styrene	100-42-5	ug/L	11/8/2010	ND	
MW-28	d	Styrene	100-42-5	ug/L	12/15/2010	ND	
MW-33R	d	Styrene	100-42-5	ug/L	12/15/2010	ND	
MW-52	d	Styrene	100-42-5	ug/L	12/15/2010	ND	
MW-54	d	Styrene	100-42-5	ug/L	1/12/2011	ND	
MW-54	d	Styrene	100-42-5	ug/L	1/12/2011	ND	
MW-20	d	Styrene	100-42-5	ug/L	2/22/2011	ND	
MW-22R	d	Styrene	100-42-5	ug/L	2/22/2011	ND	
MW-51	d	Styrene	100-42-5	ug/L	2/22/2011	ND	
MW-52	d	Styrene	100-42-5	ug/L	2/22/2011	ND	
MW-53	d	Styrene	100-42-5	ug/L	2/22/2011	ND	
MW-55	d	Styrene	100-42-5	ug/L	2/22/2011	ND	
GU-3A	d	Styrene	100-42-5	ug/L	3/2/2011	ND	
MW-21	d	Styrene	100-42-5	ug/L	3/2/2011	ND	
MW-21	d	Styrene	100-42-5	ug/L	3/2/2011	ND	
MW-29	d	Styrene	100-42-5	ug/L	4/21/2011	ND	
MW-30R	d	Styrene	100-42-5	ug/L	4/21/2011	ND	
MW-31R	d	Styrene	100-42-5	ug/L	4/21/2011	ND	
MW-31R	d	Styrene	100-42-5	ug/L	4/21/2011	ND	
MW-32R	d	Styrene	100-42-5	ug/L	4/21/2011	ND	
MW-54	d	Styrene	100-42-5	ug/L	5/31/2011	ND	
MW-56	d	Styrene	100-42-5	ug/L	5/31/2011	ND	
MW-57	d	Styrene	100-42-5	ug/L	5/31/2011	ND	
MW-58	d	Styrene	100-42-5	ug/L	5/31/2011	ND	
MW-14R	d	Styrene	100-42-5	ug/L	6/7/2011	ND	
MW-14R	d	Styrene	100-42-5	ug/L	6/7/2011	ND	
MW-19	d	Styrene	100-42-5	ug/L	6/7/2011	ND	
MW-28	d	Styrene	100-42-5	ug/L	6/7/2011	ND	
MW-33R	d	Styrene	100-42-5	ug/L	6/7/2011	ND	
MW-39	d	Styrene	100-42-5	ug/L	6/7/2011	ND	
MW-50	d	Styrene	100-42-5	ug/L	6/7/2011	ND	
MW-52	d	Styrene	100-42-5	ug/L	7/22/2011	ND	
MW-56	d	Styrene	100-42-5	ug/L	7/22/2011	ND	
MW-58	d	Styrene	100-42-5	ug/L	7/22/2011	ND	
MW-14R	d	Styrene	100-42-5	ug/L	8/29/2011	ND	
MW-19	d	Styrene	100-42-5	ug/L	8/29/2011	ND	
MW-19	d	Styrene	100-42-5	ug/L	8/29/2011	ND	
MW-32R	d	Styrene	100-42-5	ug/L	8/29/2011	ND	
GU-3A	d	Styrene	100-42-5	ug/L	9/9/2011	ND	
MW-22R	d	Styrene	100-42-5	ug/L	9/9/2011	ND	
MW-28	d	Styrene	100-42-5	ug/L	9/9/2011	ND	
MW-29	d	Styrene	100-42-5	ug/L	9/9/2011	ND	
MW-51	d	Styrene	100-42-5	ug/L	9/9/2011	ND	
MW-53	d	Styrene	100-42-5	ug/L	9/9/2011	ND	
MW-53	d	Styrene	100-42-5	ug/L	9/9/2011	ND	
MW-21	d	Styrene	100-42-5	ug/L	10/4/2011	ND	
MW-50	d	Styrene	100-42-5	ug/L	10/4/2011	ND	
MW-50	d	Styrene	100-42-5	ug/L	10/4/2011	ND	
MW-54	d	Styrene	100-42-5	ug/L	10/4/2011	ND	
MW-57	d	Styrene	100-42-5	ug/L	10/4/2011	ND	
MW-20	d	Styrene	100-42-5	ug/L	11/29/2011	ND	
MW-30R	d	Styrene	100-42-5	ug/L	11/29/2011	ND	
MW-52	d	Styrene	100-42-5	ug/L	11/29/2011	ND	
MW-55	d	Styrene	100-42-5	ug/L	11/29/2011	ND	
MW-31R	d	Styrene	100-42-5	ug/L	12/16/2011	ND	
MW-33R	d	Styrene	100-42-5	ug/L	12/16/2011	ND	
MW-39	d	Styrene	100-42-5	ug/L	12/16/2011	ND	
MW-14R	d	Styrene	100-42-5	ug/L	3/8/2012	ND	
MW-19	d	Styrene	100-42-5	ug/L	3/8/2012	ND	
MW-20	d	Styrene	100-42-5	ug/L	3/8/2012	ND	
MW-21	d	Styrene	100-42-5	ug/L	3/8/2012	ND	
MW-22R	d	Styrene	100-42-5	ug/L	3/8/2012	ND	
MW-28	d	Styrene	100-42-5	ug/L	3/8/2012	ND	
MW-39	d	Styrene	100-42-5	ug/L	3/8/2012	ND	
MW-55	d	Styrene	100-42-5	ug/L	3/8/2012	ND	
MW-56	d	Styrene	100-42-5	ug/L	3/8/2012	ND	
MW-57	d	Styrene	100-42-5	ug/L	3/8/2012	ND	
MW-58	d	Styrene	100-42-5	ug/L	3/8/2012	ND	
GU-3A	d	Styrene	100-42-5	ug/L	6/13/2012	ND	
MW-29	d	Styrene	100-42-5	ug/L	6/13/2012	ND	
MW-30R	d	Styrene	100-42-5	ug/L	6/13/2012	ND	
MW-31R	d	Styrene	100-42-5	ug/L	6/13/2012	ND	
MW-32R	d	Styrene	100-42-5	ug/L	6/13/2012	ND	
MW-33R	d	Styrene	100-42-5	ug/L	6/13/2012	ND	
MW-50	d	Styrene	100-42-5	ug/L	6/13/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	Styrene	100-42-5	ug/L	6/13/2012	ND	
MW-51	d	Styrene	100-42-5	ug/L	6/13/2012	ND	
MW-52	d	Styrene	100-42-5	ug/L	6/13/2012	ND	
MW-53	d	Styrene	100-42-5	ug/L	6/13/2012	ND	
MW-54	d	Styrene	100-42-5	ug/L	6/13/2012	ND	
GU-3A	d	Styrene	100-42-5	ug/L	9/4/2012	ND	
MW-20	d	Styrene	100-42-5	ug/L	9/4/2012	ND	
MW-21	d	Styrene	100-42-5	ug/L	9/4/2012	ND	
MW-22R	d	Styrene	100-42-5	ug/L	9/4/2012	ND	
MW-50	d	Styrene	100-42-5	ug/L	9/4/2012	ND	
MW-51	d	Styrene	100-42-5	ug/L	9/4/2012	ND	
MW-52	d	Styrene	100-42-5	ug/L	9/4/2012	ND	
MW-53	d	Styrene	100-42-5	ug/L	9/4/2012	ND	
MW-54	d	Styrene	100-42-5	ug/L	9/4/2012	ND	
MW-54	d	Styrene	100-42-5	ug/L	9/4/2012	ND	
MW-57	d	Styrene	100-42-5	ug/L	9/4/2012	ND	
MW-58	d	Styrene	100-42-5	ug/L	9/4/2012	ND	
MW-14R	d	Styrene	100-42-5	ug/L	12/19/2012	ND	
MW-19	d	Styrene	100-42-5	ug/L	12/19/2012	ND	
MW-28	d	Styrene	100-42-5	ug/L	12/19/2012	ND	
MW-29	d	Styrene	100-42-5	ug/L	12/19/2012	ND	
MW-30R	d	Styrene	100-42-5	ug/L	12/19/2012	ND	
MW-31R	d	Styrene	100-42-5	ug/L	12/19/2012	ND	
MW-32R	d	Styrene	100-42-5	ug/L	12/19/2012	ND	
MW-33R	d	Styrene	100-42-5	ug/L	12/19/2012	ND	
MW-33R	d	Styrene	100-42-5	ug/L	12/19/2012	ND	
MW-39	d	Styrene	100-42-5	ug/L	12/19/2012	ND	
MW-55	d	Styrene	100-42-5	ug/L	12/19/2012	ND	
MW-56	d	Styrene	100-42-5	ug/L	12/19/2012	ND	
MW-14R	d	Styrene	100-42-5	ug/L	3/11/2013	ND	
MW-19	d	Styrene	100-42-5	ug/L	3/11/2013	ND	
MW-28	d	Styrene	100-42-5	ug/L	3/11/2013	ND	
MW-39	d	Styrene	100-42-5	ug/L	3/11/2013	ND	
MW-50	d	Styrene	100-42-5	ug/L	3/11/2013	ND	
MW-50	d	Styrene	100-42-5	ug/L	3/11/2013	ND	
MW-51	d	Styrene	100-42-5	ug/L	3/11/2013	ND	
MW-52	d	Styrene	100-42-5	ug/L	3/11/2013	ND	
MW-53	d	Styrene	100-42-5	ug/L	3/11/2013	ND	
MW-54	d	Styrene	100-42-5	ug/L	3/11/2013	ND	
MW-55	d	Styrene	100-42-5	ug/L	3/11/2013	ND	
MW-56	d	Styrene	100-42-5	ug/L	3/11/2013	ND	
MW-20	d	Styrene	100-42-5	ug/L	6/10/2013	ND	
MW-20	d	Styrene	100-42-5	ug/L	6/10/2013	ND	
MW-21	d	Styrene	100-42-5	ug/L	6/10/2013	ND	
MW-22R	d	Styrene	100-42-5	ug/L	6/10/2013	ND	
MW-29	d	Styrene	100-42-5	ug/L	6/10/2013	ND	
MW-30R	d	Styrene	100-42-5	ug/L	6/10/2013	ND	
MW-31R	d	Styrene	100-42-5	ug/L	6/10/2013	ND	
MW-32R	d	Styrene	100-42-5	ug/L	6/10/2013	ND	
MW-33R	d	Styrene	100-42-5	ug/L	6/10/2013	ND	
MW-57	d	Styrene	100-42-5	ug/L	6/10/2013	ND	
MW-58	d	Styrene	100-42-5	ug/L	6/10/2013	ND	
GU-3A	d	Styrene	100-42-5	ug/L	9/10/2013	ND	
MW-31R	d	Styrene	100-42-5	ug/L	9/10/2013	ND	
MW-31R	d	Styrene	100-42-5	ug/L	9/10/2013	ND	
MW-32R	d	Styrene	100-42-5	ug/L	9/10/2013	ND	
MW-33R	d	Styrene	100-42-5	ug/L	9/10/2013	ND	
MW-50	d	Styrene	100-42-5	ug/L	9/10/2013	ND	
MW-51	d	Styrene	100-42-5	ug/L	9/10/2013	ND	
MW-52	d	Styrene	100-42-5	ug/L	9/10/2013	ND	
MW-53	d	Styrene	100-42-5	ug/L	9/10/2013	ND	
MW-54	d	Styrene	100-42-5	ug/L	9/10/2013	ND	
MW-14R	d	Styrene	100-42-5	ug/L	12/18/2013	ND	
MW-18	d	Styrene	100-42-5	ug/L	12/18/2013	ND	
MW-19	d	Styrene	100-42-5	ug/L	12/18/2013	ND	
MW-20	d	Styrene	100-42-5	ug/L	12/18/2013	ND	
MW-21	d	Styrene	100-42-5	ug/L	12/18/2013	ND	
MW-22R	d	Styrene	100-42-5	ug/L	12/18/2013	ND	
MW-28	d	Styrene	100-42-5	ug/L	12/18/2013	ND	
MW-30R	d	Styrene	100-42-5	ug/L	12/18/2013	ND	
MW-39	d	Styrene	100-42-5	ug/L	12/18/2013	ND	
MW-39	d	Styrene	100-42-5	ug/L	12/18/2013	ND	
MW-55	d	Styrene	100-42-5	ug/L	12/18/2013	ND	
MW-18	d	Styrene	100-42-5	ug/L	3/20/2014	ND	
MW-20	d	Styrene	100-42-5	ug/L	3/20/2014	ND	
MW-21	d	Styrene	100-42-5	ug/L	3/20/2014	ND	
MW-21	d	Styrene	100-42-5	ug/L	3/20/2014	ND	
MW-22R	d	Styrene	100-42-5	ug/L	3/20/2014	ND	
MW-30R	d	Styrene	100-42-5	ug/L	3/20/2014	ND	
MW-31R	d	Styrene	100-42-5	ug/L	3/20/2014	ND	
MW-32R	d	Styrene	100-42-5	ug/L	3/20/2014	ND	
MW-33R	d	Styrene	100-42-5	ug/L	3/20/2014	ND	
MW-14R	d	Styrene	100-42-5	ug/L	6/24/2014	ND	
MW-14R	d	Styrene	100-42-5	ug/L	6/24/2014	ND	
MW-18	d	Styrene	100-42-5	ug/L	6/24/2014	ND	
MW-19	d	Styrene	100-42-5	ug/L	6/24/2014	ND	
MW-28	d	Styrene	100-42-5	ug/L	6/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	Styrene	100-42-5	ug/L	6/24/2014	ND	
MW-50	d	Styrene	100-42-5	ug/L	6/24/2014	ND	
MW-51	d	Styrene	100-42-5	ug/L	6/24/2014	ND	
MW-52	d	Styrene	100-42-5	ug/L	6/24/2014	ND	
MW-53	d	Styrene	100-42-5	ug/L	6/24/2014	ND	
MW-54	d	Styrene	100-42-5	ug/L	6/24/2014	ND	
MW-55	d	Styrene	100-42-5	ug/L	6/24/2014	ND	
MW-58	d	Styrene	100-42-5	ug/L	6/24/2014	ND	
MW-29	d	Styrene	100-42-5	ug/L	7/24/2014	ND	
MW-56	d	Styrene	100-42-5	ug/L	7/24/2014	ND	
MW-57	d	Styrene	100-42-5	ug/L	7/24/2014	ND	
GU-3A	d	Styrene	100-42-5	ug/L	9/24/2014	ND	
MW-18	d	Styrene	100-42-5	ug/L	9/24/2014	ND	
MW-29	d	Styrene	100-42-5	ug/L	9/24/2014	ND	
MW-30R	d	Styrene	100-42-5	ug/L	9/24/2014	ND	
MW-31R	d	Styrene	100-42-5	ug/L	9/24/2014	ND	
MW-31R	d	Styrene	100-42-5	ug/L	9/24/2014	ND	
MW-32R	d	Styrene	100-42-5	ug/L	9/24/2014	ND	
MW-33R	d	Styrene	100-42-5	ug/L	9/24/2014	ND	
MW-50	d	Styrene	100-42-5	ug/L	9/24/2014	ND	
MW-51	d	Styrene	100-42-5	ug/L	9/24/2014	ND	
MW-52	d	Styrene	100-42-5	ug/L	9/24/2014	ND	
MW-53	d	Styrene	100-42-5	ug/L	9/24/2014	ND	
MW-54	d	Styrene	100-42-5	ug/L	9/24/2014	ND	
MW-14R	d	Styrene	100-42-5	ug/L	12/4/2014	ND	
MW-18	d	Styrene	100-42-5	ug/L	12/4/2014	ND	
MW-19	d	Styrene	100-42-5	ug/L	12/4/2014	ND	
MW-20	d	Styrene	100-42-5	ug/L	12/4/2014	ND	
MW-21	d	Styrene	100-42-5	ug/L	12/4/2014	ND	
MW-22R	d	Styrene	100-42-5	ug/L	12/4/2014	ND	
MW-28	d	Styrene	100-42-5	ug/L	12/4/2014	ND	
MW-39	d	Styrene	100-42-5	ug/L	12/4/2014	ND	
MW-56	d	Styrene	100-42-5	ug/L	12/4/2014	ND	
MW-57	d	Styrene	100-42-5	ug/L	12/4/2014	ND	
MW-57	d	Styrene	100-42-5	ug/L	12/4/2014	ND	
MW-58	d	Styrene	100-42-5	ug/L	12/4/2014	ND	
MW-14R	d	Styrene	100-42-5	ug/L	3/11/2015	ND	
MW-18	d	Styrene	100-42-5	ug/L	3/11/2015	ND	
MW-19	d	Styrene	100-42-5	ug/L	3/11/2015	ND	
MW-20	d	Styrene	100-42-5	ug/L	3/11/2015	ND	
MW-21	d	Styrene	100-42-5	ug/L	3/11/2015	ND	
MW-22R	d	Styrene	100-42-5	ug/L	3/11/2015	ND	
MW-28	d	Styrene	100-42-5	ug/L	3/11/2015	ND	
MW-39	d	Styrene	100-42-5	ug/L	3/11/2015	ND	
MW-55	d	Styrene	100-42-5	ug/L	3/11/2015	ND	
MW-56	d	Styrene	100-42-5	ug/L	3/11/2015	ND	
MW-57	d	Styrene	100-42-5	ug/L	3/11/2015	ND	
MW-58	d	Styrene	100-42-5	ug/L	3/11/2015	ND	
MW-58	d	Styrene	100-42-5	ug/L	3/11/2015	ND	
MW-29	d	Styrene	100-42-5	ug/L	6/29/2015	ND	
MW-30R	d	Styrene	100-42-5	ug/L	6/29/2015	ND	
MW-31R	d	Styrene	100-42-5	ug/L	6/29/2015	ND	
MW-31R	d	Styrene	100-42-5	ug/L	6/29/2015	ND	
MW-32R	d	Styrene	100-42-5	ug/L	6/29/2015	ND	
MW-33R	d	Styrene	100-42-5	ug/L	6/29/2015	ND	
MW-50	d	Styrene	100-42-5	ug/L	6/29/2015	ND	
MW-51	d	Styrene	100-42-5	ug/L	6/29/2015	ND	
MW-52	d	Styrene	100-42-5	ug/L	6/29/2015	ND	
MW-53	d	Styrene	100-42-5	ug/L	6/29/2015	ND	
MW-54	d	Styrene	100-42-5	ug/L	6/29/2015	ND	
GU-3A	d	Styrene	100-42-5	ug/L	9/22/2015	ND	
MW-14R	d	Styrene	100-42-5	ug/L	2/15/2016	ND	
MW-14R	d	Styrene	100-42-5	ug/L	2/15/2016	ND	
MW-18	d	Styrene	100-42-5	ug/L	2/15/2016	ND	
MW-19	d	Styrene	100-42-5	ug/L	2/15/2016	ND	
MW-39	d	Styrene	100-42-5	ug/L	2/15/2016	ND	
MW-20	d	Styrene	100-42-5	ug/L	2/16/2016	ND	
MW-21	d	Styrene	100-42-5	ug/L	2/16/2016	ND	
MW-55	d	Styrene	100-42-5	ug/L	2/16/2016	ND	
MW-56	d	Styrene	100-42-5	ug/L	2/16/2016	ND	
MW-57	d	Styrene	100-42-5	ug/L	2/16/2016	ND	
MW-58	d	Styrene	100-42-5	ug/L	2/16/2016	ND	
MW-22R	d	Styrene	100-42-5	ug/L	2/17/2016	ND	
MW-28	d	Styrene	100-42-5	ug/L	8/25/2016	ND	
MW-29	d	Styrene	100-42-5	ug/L	8/25/2016	ND	
MW-30R	d	Styrene	100-42-5	ug/L	8/25/2016	ND	
MW-31R	d	Styrene	100-42-5	ug/L	8/25/2016	ND	
MW-32R	d	Styrene	100-42-5	ug/L	8/25/2016	ND	
MW-33R	d	Styrene	100-42-5	ug/L	8/25/2016	ND	
MW-50	d	Styrene	100-42-5	ug/L	8/25/2016	ND	
MW-51	d	Styrene	100-42-5	ug/L	8/25/2016	ND	
MW-52	d	Styrene	100-42-5	ug/L	8/25/2016	ND	
MW-53	d	Styrene	100-42-5	ug/L	8/25/2016	ND	
MW-54	d	Styrene	100-42-5	ug/L	8/25/2016	ND	
GU-3A	d	Styrene	100-42-5	ug/L	8/26/2016	ND	
MW-18	d	Styrene	100-42-5	ug/L	1/17/2017	ND	
MW-19	d	Styrene	100-42-5	ug/L	1/17/2017	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-22R	d	Styrene	100-42-5	ug/L	1/17/2017	ND	
MW-28	d	Styrene	100-42-5	ug/L	1/17/2017	ND	
MW-28	d	Styrene	100-42-5	ug/L	1/17/2017	ND	
MW-39	d	Styrene	100-42-5	ug/L	1/17/2017	ND	
MW-50	d	Styrene	100-42-5	ug/L	1/17/2017	ND	
MW-51	d	Styrene	100-42-5	ug/L	1/17/2017	ND	
MW-53	d	Styrene	100-42-5	ug/L	1/17/2017	ND	
MW-54	d	Styrene	100-42-5	ug/L	1/17/2017	ND	
MW-56	d	Styrene	100-42-5	ug/L	1/17/2017	ND	
GU-3A	d	Styrene	100-42-5	ug/L	7/10/2017	ND	
MW-14R	d	Styrene	100-42-5	ug/L	7/10/2017	ND	
MW-20	d	Styrene	100-42-5	ug/L	7/10/2017	ND	
MW-21	d	Styrene	100-42-5	ug/L	7/10/2017	ND	
MW-29	d	Styrene	100-42-5	ug/L	7/10/2017	ND	
MW-30R	d	Styrene	100-42-5	ug/L	7/10/2017	ND	
MW-31R	d	Styrene	100-42-5	ug/L	7/10/2017	ND	
MW-32R	d	Styrene	100-42-5	ug/L	7/10/2017	ND	
MW-32R	d	Styrene	100-42-5	ug/L	7/10/2017	ND	
MW-33R	d	Styrene	100-42-5	ug/L	7/10/2017	ND	
MW-57	d	Styrene	100-42-5	ug/L	7/10/2017	ND	
MW-58	d	Styrene	100-42-5	ug/L	7/10/2017	ND	
MW-52	d	Styrene	100-42-5	ug/L	10/17/2017	ND	
MW-55	d	Styrene	100-42-5	ug/L	10/17/2017	ND	
GU-3A	d	Styrene	100-42-5	ug/L	4/3/2018	ND	
GU-3A	d	Styrene	100-42-5	ug/L	4/3/2018	ND	
MW-14R	d	Styrene	100-42-5	ug/L	4/3/2018	ND	
MW-20	d	Styrene	100-42-5	ug/L	4/3/2018	ND	
MW-21	d	Styrene	100-42-5	ug/L	4/3/2018	ND	
MW-29	d	Styrene	100-42-5	ug/L	4/3/2018	ND	
MW-30R	d	Styrene	100-42-5	ug/L	4/3/2018	ND	
MW-31R	d	Styrene	100-42-5	ug/L	4/3/2018	ND	
MW-32R	d	Styrene	100-42-5	ug/L	4/3/2018	ND	
MW-33R	d	Styrene	100-42-5	ug/L	4/3/2018	ND	
MW-33R	d	Styrene	100-42-5	ug/L	4/3/2018	ND	
MW-57	d	Styrene	100-42-5	ug/L	4/3/2018	ND	
MW-58	d	Styrene	100-42-5	ug/L	4/3/2018	ND	
MW-39	d	Styrene	100-42-5	ug/L	11/1/2018	ND	
MW-50	d	Styrene	100-42-5	ug/L	11/1/2018	ND	
MW-51	d	Styrene	100-42-5	ug/L	11/1/2018	ND	
MW-52	d	Styrene	100-42-5	ug/L	11/1/2018	ND	
MW-53	d	Styrene	100-42-5	ug/L	11/1/2018	ND	
MW-54	d	Styrene	100-42-5	ug/L	11/1/2018	ND	
MW-55	d	Styrene	100-42-5	ug/L	11/1/2018	ND	
MW-18	d	Styrene	100-42-5	ug/L	11/2/2018	ND	
MW-19	d	Styrene	100-42-5	ug/L	11/2/2018	ND	
MW-22R	d	Styrene	100-42-5	ug/L	11/2/2018	ND	
MW-28	d	Styrene	100-42-5	ug/L	11/2/2018	ND	
MW-56	d	Styrene	100-42-5	ug/L	11/2/2018	NDH	
MW-18	d	Styrene	100-42-5	ug/L	5/16/2019	ND	
MW-19	d	Styrene	100-42-5	ug/L	5/16/2019	ND	
MW-23	u	Styrene	100-42-5	ug/L	5/16/2019	ND	
MW-24R	u	Styrene	100-42-5	ug/L	5/16/2019	ND	
MW-28	d	Styrene	100-42-5	ug/L	5/16/2019	ND	
MW-55	d	Styrene	100-42-5	ug/L	5/16/2019	ND	
MW-50	d	Styrene	100-42-5	ug/L	5/20/2019	ND	
MW-51	d	Styrene	100-42-5	ug/L	5/20/2019	ND	
MW-52	d	Styrene	100-42-5	ug/L	5/20/2019	ND	
MW-54	d	Styrene	100-42-5	ug/L	5/20/2019	ND	
MW-56	d	Styrene	100-42-5	ug/L	5/20/2019	ND	
MW-53	d	Styrene	100-42-5	ug/L	5/21/2019	ND	
MW-14R	d	Styrene	100-42-5	ug/L	9/11/2019	ND	
MW-29	d	Styrene	100-42-5	ug/L	9/11/2019	ND	
MW-30R	d	Styrene	100-42-5	ug/L	9/11/2019	ND	
MW-33R	d	Styrene	100-42-5	ug/L	9/11/2019	ND	
MW-58	d	Styrene	100-42-5	ug/L	9/11/2019	ND	
GU-3A	d	Styrene	100-42-5	ug/L	3/16/2020	ND	
MW-33R	d	Styrene	100-42-5	ug/L	3/16/2020	ND	
MW-14R	d	Styrene	100-42-5	ug/L	3/17/2020	ND	
MW-29	d	Styrene	100-42-5	ug/L	3/17/2020	ND	
MW-30R	d	Styrene	100-42-5	ug/L	3/17/2020	ND	
MW-58	d	Styrene	100-42-5	ug/L	3/17/2020	ND	
MW-19	d	Styrene	100-42-5	ug/L	7/20/2020	ND	
MW-28	d	Styrene	100-42-5	ug/L	7/20/2020	ND	
MW-51	d	Styrene	100-42-5	ug/L	7/20/2020	ND	
MW-55	d	Styrene	100-42-5	ug/L	7/20/2020	ND	
MW-56	d	Styrene	100-42-5	ug/L	7/20/2020	ND	
MW-57R	d	Styrene	100-42-5	ug/L	7/20/2020	ND	
MW-73	d	Styrene	100-42-5	ug/L	7/20/2020	ND	
MW-18	d	Styrene	100-42-5	ug/L	7/21/2020	ND	
MW-50	d	Styrene	100-42-5	ug/L	7/21/2020	ND	
MW-52	d	Styrene	100-42-5	ug/L	7/21/2020	ND	
MW-53	d	Styrene	100-42-5	ug/L	7/21/2020	ND	
MW-54	d	Styrene	100-42-5	ug/L	7/21/2020	ND	
MW-23	u	Styrene	100-42-5	ug/L	7/22/2020	ND	
MW-24R	u	Styrene	100-42-5	ug/L	7/22/2020	ND	
MW-55	d	Styrene	100-42-5	ug/L	11/12/2020	ND	
MW-33R	d	Styrene	100-42-5	ug/L	8/24/2021		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	Styrene	100-42-5	ug/L	8/24/2021		<1.00
MW-29	d	Styrene	100-42-5	ug/L	8/25/2021		<1.00
MW-58	d	Styrene	100-42-5	ug/L	8/25/2021		<1.00
MW-30R	d	Styrene	100-42-5	ug/L	8/25/2021		<1.00
MW-68	d	Styrene	100-42-5	ug/L	8/25/2021		<1.00
MW-69	d	Styrene	100-42-5	ug/L	8/25/2021		<1.00
MW-70	d	Styrene	100-42-5	ug/L	8/26/2021		<1.00
MW-57R	d	Styrene	100-42-5	ug/L	8/26/2021		<1.00
PZ-13	d	Styrene	100-42-5	ug/L	8/27/2021		<1.00
MW-73	d	Styrene	100-42-5	ug/L	8/27/2021		<1.00
GU-3A	d	Styrene	100-42-5	ug/L	9/8/2021		<1.00
MW-24R	u	Styrene	100-42-5	ug/L	12/7/2021		<1.00
MW-28	d	Styrene	100-42-5	ug/L	12/7/2021		<1.00
MW-57R	d	Styrene	100-42-5	ug/L	12/7/2021		<1.00
MW-73	d	Styrene	100-42-5	ug/L	12/7/2021		<1.00
MW-56	d	Styrene	100-42-5	ug/L	12/7/2021		<1.00
MW-19	d	Styrene	100-42-5	ug/L	12/7/2021		<1.00
MW-18	d	Styrene	100-42-5	ug/L	12/7/2021		<1.00
MW-55	d	Styrene	100-42-5	ug/L	12/7/2021		<1.00
MW-50	d	Styrene	100-42-5	ug/L	12/7/2021		<1.00
MW-23	u	Styrene	100-42-5	ug/L	12/8/2021		<1.00
MW-39	d	Styrene	100-42-5	ug/L	12/8/2021		<1.00
MW-51	d	Styrene	100-42-5	ug/L	12/8/2021		<1.00
MW-52	d	Styrene	100-42-5	ug/L	12/8/2021		<1.00
MW-53	d	Styrene	100-42-5	ug/L	12/8/2021		<1.00
MW-54	d	Styrene	100-42-5	ug/L	12/8/2021		<1.00
MW-68	d	Sulfate	14808-79-8	mg/L	6/30/2015		54.5
MW-69	d	Sulfate	14808-79-8	mg/L	6/30/2015		35.8
MW-70	d	Sulfate	14808-79-8	mg/L	6/30/2015		294
MW-72	d	Sulfate	14808-79-8	mg/L	6/30/2015		169
PZ-13	d	Sulfate	14808-79-8	mg/L	7/1/2015		40.5
MW-68	d	Sulfate	14808-79-8	mg/L	9/24/2015		36
MW-69	d	Sulfate	14808-79-8	mg/L	9/24/2015		55.5
MW-70	d	Sulfate	14808-79-8	mg/L	9/25/2015		295
MW-72	d	Sulfate	14808-79-8	mg/L	9/25/2015		164
PZ-13	d	Sulfate	14808-79-8	mg/L	9/25/2015		43
MW-14R	d	Sulfate	14808-79-8	mg/L	2/15/2016		10.1
MW-29	d	Sulfate	14808-79-8	mg/L	2/15/2016	ND	
MW-30R	d	Sulfate	14808-79-8	mg/L	2/15/2016		18.5
MW-31R	d	Sulfate	14808-79-8	mg/L	2/15/2016	J	0.801
MW-32R	d	Sulfate	14808-79-8	mg/L	2/15/2016		1.67
MW-33R	d	Sulfate	14808-79-8	mg/L	2/15/2016		25.6
MW-20	d	Sulfate	14808-79-8	mg/L	2/16/2016	ND	
MW-21	d	Sulfate	14808-79-8	mg/L	2/16/2016		65.4
MW-26	d	Sulfate	14808-79-8	mg/L	2/16/2016		378
MW-34	d	Sulfate	14808-79-8	mg/L	2/16/2016		47
MW-35R	d	Sulfate	14808-79-8	mg/L	2/16/2016		5.21
MW-57	d	Sulfate	14808-79-8	mg/L	2/16/2016		13.1
MW-58	d	Sulfate	14808-79-8	mg/L	2/16/2016	ND	
MW-68	d	Sulfate	14808-79-8	mg/L	2/16/2016		51.8
MW-69	d	Sulfate	14808-79-8	mg/L	2/16/2016		58.7
MW-71	d	Sulfate	14808-79-8	mg/L	2/16/2016		200
PZ-13	d	Sulfate	14808-79-8	mg/L	2/16/2016		22.3
MW-23	u	Sulfate	14808-79-8	mg/L	2/17/2016		31.7
MW-24R	u	Sulfate	14808-79-8	mg/L	2/17/2016		93.2
MW-43	d	Sulfate	14808-79-8	mg/L	2/17/2016		19.8
MW-53	d	Sulfate	14808-79-8	mg/L	2/17/2016	ND	
MW-54	d	Sulfate	14808-79-8	mg/L	2/17/2016		590
MW-63	d	Sulfate	14808-79-8	mg/L	2/17/2016		5.44
MW-64	d	Sulfate	14808-79-8	mg/L	2/17/2016		57
MW-65	d	Sulfate	14808-79-8	mg/L	2/17/2016	ND	
MW-70	d	Sulfate	14808-79-8	mg/L	2/17/2016		311
MW-72	d	Sulfate	14808-79-8	mg/L	2/17/2016		230
PIAEastSump	d	Sulfate	14808-79-8	mg/L	2/17/2016		226
PIAWestSump	d	Sulfate	14808-79-8	mg/L	2/17/2016		13.6
PZ-11	d	Sulfate	14808-79-8	mg/L	2/17/2016		60.7
MW-52	d	Sulfate	14808-79-8	mg/L	5/4/2016		77.5
MW-39	d	Sulfide	18496-25-8	mg/L	3/11/2013	ND	
MW-31R	d	Sulfide	18496-25-8	mg/L	9/10/2013	ND	
MW-32R	d	Sulfide	18496-25-8	mg/L	9/10/2013	ND	
MW-18	d	Sulfide	18496-25-8	mg/L	12/18/2013		2.91
MW-20	d	Sulfide	18496-25-8	mg/L	12/18/2013	ND	
MW-21	d	Sulfide	18496-25-8	mg/L	12/18/2013		2.75
MW-22R	d	Sulfide	18496-25-8	mg/L	12/18/2013	ND	
MW-30R	d	Sulfide	18496-25-8	mg/L	12/18/2013	J	0.214
MW-18	d	Sulfide	18496-25-8	mg/L	3/20/2014	ND	
MW-21	d	Sulfide	18496-25-8	mg/L	3/20/2014	J	0.369
MW-23	u	Sulfide	18496-25-8	mg/L	3/20/2014	J	0.369
MW-18	d	Sulfide	18496-25-8	mg/L	6/24/2014	ND	
MW-24R	u	Sulfide	18496-25-8	mg/L	7/24/2014	ND	
MW-29	d	Sulfide	18496-25-8	mg/L	7/24/2014		1.85
MW-57	d	Sulfide	18496-25-8	mg/L	7/24/2014	ND	
MW-58	d	Sulfide	18496-25-8	mg/L	7/24/2014	ND	
MW-18	d	Sulfide	18496-25-8	mg/L	9/24/2014	ND	
MW-23	u	Sulfide	18496-25-8	mg/L	9/24/2014	ND	
MW-24R	u	Sulfide	18496-25-8	mg/L	9/24/2014	ND	
MW-29	d	Sulfide	18496-25-8	mg/L	9/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	Sulfide	18496-25-8	mg/L	9/24/2014	ND	
MW-50	d	Sulfide	18496-25-8	mg/L	9/24/2014	ND	
MW-51	d	Sulfide	18496-25-8	mg/L	9/24/2014	ND	
MW-52	d	Sulfide	18496-25-8	mg/L	9/24/2014	ND	
MW-53	d	Sulfide	18496-25-8	mg/L	9/24/2014	ND	
MW-54	d	Sulfide	18496-25-8	mg/L	9/24/2014	ND	
MW-14R	d	Sulfide	18496-25-8	mg/L	12/4/2014	ND	
MW-18	d	Sulfide	18496-25-8	mg/L	12/4/2014	ND	
MW-19	d	Sulfide	18496-25-8	mg/L	12/4/2014	ND	
MW-21	d	Sulfide	18496-25-8	mg/L	12/4/2014	ND	
MW-23	u	Sulfide	18496-25-8	mg/L	12/4/2014	ND	
MW-24R	u	Sulfide	18496-25-8	mg/L	12/4/2014	ND	
MW-28	d	Sulfide	18496-25-8	mg/L	12/4/2014	ND	
MW-56	d	Sulfide	18496-25-8	mg/L	12/4/2014	ND	
MW-18	d	Sulfide	18496-25-8	mg/L	3/11/2015	ND	
MW-21	d	Sulfide	18496-25-8	mg/L	3/11/2015	ND	
MW-23	u	Sulfide	18496-25-8	mg/L	3/11/2015	ND	
MW-24R	u	Sulfide	18496-25-8	mg/L	3/11/2015	ND	
MW-55	d	Sulfide	18496-25-8	mg/L	3/11/2015	ND	
MW-29	d	Sulfide	18496-25-8	mg/L	6/29/2015	ND	
MW-18	d	Sulfide	18496-25-8	mg/L	2/15/2016	ND	
MW-21	d	Sulfide	18496-25-8	mg/L	2/16/2016	ND	
MW-29	d	Sulfide	18496-25-8	mg/L	8/25/2016	ND	
MW-18	d	Sulfide	18496-25-8	mg/L	1/17/2017	ND	
MW-21	d	Sulfide	18496-25-8	mg/L	7/10/2017	ND	
MW-29	d	Sulfide	18496-25-8	mg/L	7/10/2017	ND	
MW-20	d	Sulfide	18496-25-8	mg/L	4/3/2018	ND	
MW-21	d	Sulfide	18496-25-8	mg/L	4/3/2018		6.5
MW-29	d	Sulfide	18496-25-8	mg/L	4/3/2018	ND	
MW-30R	d	Sulfide	18496-25-8	mg/L	4/3/2018	J	0.4
MW-31R	d	Sulfide	18496-25-8	mg/L	4/3/2018		5.31
MW-32R	d	Sulfide	18496-25-8	mg/L	4/3/2018	J	0.448
MW-39	d	Sulfide	18496-25-8	mg/L	11/1/2018	ND	
MW-18	d	Sulfide	18496-25-8	mg/L	11/2/2018	ND	
MW-22R	d	Sulfide	18496-25-8	mg/L	11/2/2018	ND	
MW-18	d	Sulfide	18496-25-8	mg/L	5/16/2019	ND	
MW-19	d	Sulfide	18496-25-8	mg/L	5/16/2019	ND	
MW-28	d	Sulfide	18496-25-8	mg/L	5/16/2019	ND	
MW-50	d	Sulfide	18496-25-8	mg/L	5/20/2019	ND	
MW-51	d	Sulfide	18496-25-8	mg/L	5/20/2019	ND	
MW-52	d	Sulfide	18496-25-8	mg/L	5/20/2019	ND	
MW-53	d	Sulfide	18496-25-8	mg/L	5/20/2019	ND	
MW-54	d	Sulfide	18496-25-8	mg/L	5/20/2019	ND	
MW-56	d	Sulfide	18496-25-8	mg/L	5/20/2019	ND	
MW-14R	d	Sulfide	18496-25-8	mg/L	9/11/2019	ND	
MW-29	d	Sulfide	18496-25-8	mg/L	9/11/2019	ND	
MW-33R	d	Sulfide	18496-25-8	mg/L	9/11/2019	ND	
MW-58	d	Sulfide	18496-25-8	mg/L	9/11/2019	ND	
MW-31R	d	Sulfide	18496-25-8	mg/L	3/16/2020	J	0.513
MW-32R	d	Sulfide	18496-25-8	mg/L	3/16/2020	ND	
MW-29	d	Sulfide	18496-25-8	mg/L	3/17/2020	J	0.738
MW-30R	d	Sulfide	18496-25-8	mg/L	3/17/2020	J	0.433
MW-18	d	Sulfide	18496-25-8	mg/L	7/21/2020	ND	
MW-55	d	Sulfide	18496-25-8	mg/L	11/12/2020	ND	
MW-32R	d	Sulfide	18496-25-8	mg/L	8/24/2021		<1.00
MW-31R	d	Sulfide	18496-25-8	mg/L	8/24/2021		<1.00
MW-29	d	Sulfide	18496-25-8	mg/L	8/25/2021		<1.00
MW-30R	d	Sulfide	18496-25-8	mg/L	8/25/2021		<1.00
MW-68	d	Temperature	n/a	uC	6/30/2015		13.9
MW-69	d	Temperature	n/a	uC	6/30/2015		15.2
MW-70	d	Temperature	n/a	uC	6/30/2015		13.5
MW-72	d	Temperature	n/a	uC	6/30/2015		13
PZ-13	d	Temperature	n/a	uC	7/1/2015		14.9
MW-68	d	Temperature	n/a	uC	9/24/2015		15
MW-69	d	Temperature	n/a	uC	9/24/2015		13.8
MW-70	d	Temperature	n/a	uC	9/25/2015		15.5
MW-72	d	Temperature	n/a	uC	9/25/2015		13.3
PZ-13	d	Temperature	n/a	uC	9/25/2015		15.2
MW-51	d	Tetrachloroethene	127-18-4	ug/L	1/15/2010	ND	
MW-24R	u	Tetrachloroethene	127-18-4	ug/L	2/11/2010	ND	
MW-53	d	Tetrachloroethene	127-18-4	ug/L	2/11/2010	ND	
GU-3A	d	Tetrachloroethene	127-18-4	ug/L	3/24/2010	ND	
MW-20	d	Tetrachloroethene	127-18-4	ug/L	3/24/2010	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	3/24/2010	ND	
MW-22R	d	Tetrachloroethene	127-18-4	ug/L	3/24/2010	ND	
MW-52	d	Tetrachloroethene	127-18-4	ug/L	3/24/2010		5.18
MW-54	d	Tetrachloroethene	127-18-4	ug/L	3/24/2010	ND	
MW-55	d	Tetrachloroethene	127-18-4	ug/L	3/24/2010	ND	
MW-28	d	Tetrachloroethene	127-18-4	ug/L	4/9/2010	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	4/9/2010	ND	
MW-50	d	Tetrachloroethene	127-18-4	ug/L	4/9/2010	ND	
MW-56	d	Tetrachloroethene	127-18-4	ug/L	4/9/2010	ND	
MW-57	d	Tetrachloroethene	127-18-4	ug/L	4/9/2010	ND	
MW-58	d	Tetrachloroethene	127-18-4	ug/L	4/9/2010	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	5/18/2010	ND	
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	6/17/2010	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	6/17/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Tetrachloroethene	127-18-4	ug/L	6/17/2010		1.81
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	6/17/2010	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	6/17/2010	ND	
MW-51	d	Tetrachloroethene	127-18-4	ug/L	6/17/2010	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	7/21/2010	ND	
MW-54	d	Tetrachloroethene	127-18-4	ug/L	7/21/2010	ND	
MW-20	d	Tetrachloroethene	127-18-4	ug/L	8/17/2010	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	8/17/2010	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	8/17/2010	ND	
MW-51	d	Tetrachloroethene	127-18-4	ug/L	8/17/2010	ND	
GU-3A	d	Tetrachloroethene	127-18-4	ug/L	9/17/2010	ND	
MW-22R	d	Tetrachloroethene	127-18-4	ug/L	9/17/2010	ND	
MW-55	d	Tetrachloroethene	127-18-4	ug/L	9/17/2010	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	10/22/2010	ND	
MW-24R	u	Tetrachloroethene	127-18-4	ug/L	10/22/2010	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	10/22/2010	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	10/22/2010	ND	
MW-50	d	Tetrachloroethene	127-18-4	ug/L	10/22/2010	ND	
MW-53	d	Tetrachloroethene	127-18-4	ug/L	10/22/2010	ND	
MW-56	d	Tetrachloroethene	127-18-4	ug/L	10/22/2010	ND	
MW-58	d	Tetrachloroethene	127-18-4	ug/L	10/22/2010	ND	
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	11/8/2010	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	11/8/2010	ND	
MW-57	d	Tetrachloroethene	127-18-4	ug/L	11/8/2010	ND	
MW-28	d	Tetrachloroethene	127-18-4	ug/L	12/15/2010	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	12/15/2010	ND	
MW-52	d	Tetrachloroethene	127-18-4	ug/L	12/15/2010	ND	
MW-54	d	Tetrachloroethene	127-18-4	ug/L	1/12/2011	ND	
MW-54	d	Tetrachloroethene	127-18-4	ug/L	1/12/2011	ND	
MW-20	d	Tetrachloroethene	127-18-4	ug/L	2/22/2011	ND	
MW-22R	d	Tetrachloroethene	127-18-4	ug/L	2/22/2011	ND	
MW-51	d	Tetrachloroethene	127-18-4	ug/L	2/22/2011	ND	
MW-52	d	Tetrachloroethene	127-18-4	ug/L	2/22/2011		24.5
MW-53	d	Tetrachloroethene	127-18-4	ug/L	2/22/2011	ND	
MW-55	d	Tetrachloroethene	127-18-4	ug/L	2/22/2011	ND	
GU-3A	d	Tetrachloroethene	127-18-4	ug/L	3/2/2011	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	3/2/2011	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	3/2/2011	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	4/21/2011		1.68
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	4/21/2011	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	4/21/2011	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	4/21/2011	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	4/21/2011	ND	
MW-54	d	Tetrachloroethene	127-18-4	ug/L	5/31/2011	ND	
MW-56	d	Tetrachloroethene	127-18-4	ug/L	5/31/2011	ND	
MW-57	d	Tetrachloroethene	127-18-4	ug/L	5/31/2011	ND	
MW-58	d	Tetrachloroethene	127-18-4	ug/L	5/31/2011	ND	
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	6/7/2011	ND	
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	6/7/2011	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	6/7/2011	ND	
MW-28	d	Tetrachloroethene	127-18-4	ug/L	6/7/2011	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	6/7/2011	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	6/7/2011	ND	
MW-50	d	Tetrachloroethene	127-18-4	ug/L	6/7/2011	ND	
MW-52	d	Tetrachloroethene	127-18-4	ug/L	7/22/2011		18.2
MW-56	d	Tetrachloroethene	127-18-4	ug/L	7/22/2011	ND	
MW-58	d	Tetrachloroethene	127-18-4	ug/L	7/22/2011	ND	
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	8/29/2011	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	8/29/2011	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	8/29/2011	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	8/29/2011	ND	
GU-3A	d	Tetrachloroethene	127-18-4	ug/L	9/9/2011	ND	
MW-22R	d	Tetrachloroethene	127-18-4	ug/L	9/9/2011	ND	
MW-28	d	Tetrachloroethene	127-18-4	ug/L	9/9/2011	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	9/9/2011		2.48
MW-51	d	Tetrachloroethene	127-18-4	ug/L	9/9/2011	ND	
MW-53	d	Tetrachloroethene	127-18-4	ug/L	9/9/2011	ND	
MW-53	d	Tetrachloroethene	127-18-4	ug/L	9/9/2011	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	10/4/2011	ND	
MW-50	d	Tetrachloroethene	127-18-4	ug/L	10/4/2011	ND	
MW-50	d	Tetrachloroethene	127-18-4	ug/L	10/4/2011	ND	
MW-54	d	Tetrachloroethene	127-18-4	ug/L	10/4/2011	ND	
MW-57	d	Tetrachloroethene	127-18-4	ug/L	10/4/2011	ND	
MW-20	d	Tetrachloroethene	127-18-4	ug/L	11/29/2011	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	11/29/2011	ND	
MW-52	d	Tetrachloroethene	127-18-4	ug/L	11/29/2011		10
MW-55	d	Tetrachloroethene	127-18-4	ug/L	11/29/2011	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	12/16/2011	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	12/16/2011	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	12/16/2011	ND	
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	3/8/2012	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	3/8/2012	ND	
MW-20	d	Tetrachloroethene	127-18-4	ug/L	3/8/2012	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	3/8/2012	ND	
MW-22R	d	Tetrachloroethene	127-18-4	ug/L	3/8/2012	ND	
MW-28	d	Tetrachloroethene	127-18-4	ug/L	3/8/2012	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	3/8/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-55	d	Tetrachloroethene	127-18-4	ug/L	3/8/2012	ND	
MW-56	d	Tetrachloroethene	127-18-4	ug/L	3/8/2012	ND	
MW-57	d	Tetrachloroethene	127-18-4	ug/L	3/8/2012	ND	
MW-58	d	Tetrachloroethene	127-18-4	ug/L	3/8/2012	ND	
GU-3A	d	Tetrachloroethene	127-18-4	ug/L	6/13/2012	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	6/13/2012	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	6/13/2012	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	6/13/2012	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	6/13/2012	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	6/13/2012	ND	
MW-50	d	Tetrachloroethene	127-18-4	ug/L	6/13/2012	ND	
MW-50	d	Tetrachloroethene	127-18-4	ug/L	6/13/2012	ND	
MW-51	d	Tetrachloroethene	127-18-4	ug/L	6/13/2012	ND	
MW-52	d	Tetrachloroethene	127-18-4	ug/L	6/13/2012		14.8
MW-53	d	Tetrachloroethene	127-18-4	ug/L	6/13/2012	ND	
MW-54	d	Tetrachloroethene	127-18-4	ug/L	6/13/2012	ND	
GU-3A	d	Tetrachloroethene	127-18-4	ug/L	9/4/2012	ND	
MW-20	d	Tetrachloroethene	127-18-4	ug/L	9/4/2012	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	9/4/2012	ND	
MW-22R	d	Tetrachloroethene	127-18-4	ug/L	9/4/2012	ND	
MW-50	d	Tetrachloroethene	127-18-4	ug/L	9/4/2012	ND	
MW-51	d	Tetrachloroethene	127-18-4	ug/L	9/4/2012	ND	
MW-52	d	Tetrachloroethene	127-18-4	ug/L	9/4/2012		7.33
MW-53	d	Tetrachloroethene	127-18-4	ug/L	9/4/2012	ND	
MW-54	d	Tetrachloroethene	127-18-4	ug/L	9/4/2012	ND	
MW-54	d	Tetrachloroethene	127-18-4	ug/L	9/4/2012	ND	
MW-57	d	Tetrachloroethene	127-18-4	ug/L	9/4/2012	ND	
MW-58	d	Tetrachloroethene	127-18-4	ug/L	9/4/2012	ND	
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	12/19/2012	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	12/19/2012	ND	
MW-28	d	Tetrachloroethene	127-18-4	ug/L	12/19/2012	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	12/19/2012	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	12/19/2012	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	12/19/2012	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	12/19/2012	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	12/19/2012	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	12/19/2012	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	12/19/2012	ND	
MW-55	d	Tetrachloroethene	127-18-4	ug/L	12/19/2012	ND	
MW-56	d	Tetrachloroethene	127-18-4	ug/L	12/19/2012	ND	
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	3/11/2013	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	3/11/2013	ND	
MW-28	d	Tetrachloroethene	127-18-4	ug/L	3/11/2013	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	3/11/2013	ND	
MW-50	d	Tetrachloroethene	127-18-4	ug/L	3/11/2013	ND	
MW-50	d	Tetrachloroethene	127-18-4	ug/L	3/11/2013	ND	
MW-51	d	Tetrachloroethene	127-18-4	ug/L	3/11/2013	ND	
MW-52	d	Tetrachloroethene	127-18-4	ug/L	3/11/2013		11
MW-53	d	Tetrachloroethene	127-18-4	ug/L	3/11/2013	ND	
MW-54	d	Tetrachloroethene	127-18-4	ug/L	3/11/2013	ND	
MW-55	d	Tetrachloroethene	127-18-4	ug/L	3/11/2013	ND	
MW-56	d	Tetrachloroethene	127-18-4	ug/L	3/11/2013	ND	
MW-20	d	Tetrachloroethene	127-18-4	ug/L	6/10/2013	ND	
MW-20	d	Tetrachloroethene	127-18-4	ug/L	6/10/2013	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	6/10/2013	ND	
MW-22R	d	Tetrachloroethene	127-18-4	ug/L	6/10/2013	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	6/10/2013	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	6/10/2013	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	6/10/2013	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	6/10/2013	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	6/10/2013	ND	
MW-57	d	Tetrachloroethene	127-18-4	ug/L	6/10/2013	ND	
MW-58	d	Tetrachloroethene	127-18-4	ug/L	6/10/2013	ND	
GU-3A	d	Tetrachloroethene	127-18-4	ug/L	9/10/2013	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	9/10/2013	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	9/10/2013	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	9/10/2013	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	9/10/2013	ND	
MW-50	d	Tetrachloroethene	127-18-4	ug/L	9/10/2013	ND	
MW-51	d	Tetrachloroethene	127-18-4	ug/L	9/10/2013	J	0.188
MW-52	d	Tetrachloroethene	127-18-4	ug/L	9/10/2013		5.29
MW-53	d	Tetrachloroethene	127-18-4	ug/L	9/10/2013	ND	
MW-54	d	Tetrachloroethene	127-18-4	ug/L	9/10/2013	ND	
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	12/18/2013	ND	
MW-18	d	Tetrachloroethene	127-18-4	ug/L	12/18/2013	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	12/18/2013	ND	
MW-20	d	Tetrachloroethene	127-18-4	ug/L	12/18/2013	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	12/18/2013	ND	
MW-22R	d	Tetrachloroethene	127-18-4	ug/L	12/18/2013	ND	
MW-28	d	Tetrachloroethene	127-18-4	ug/L	12/18/2013	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	12/18/2013	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	12/18/2013	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	12/18/2013	ND	
MW-55	d	Tetrachloroethene	127-18-4	ug/L	12/18/2013	ND	
MW-18	d	Tetrachloroethene	127-18-4	ug/L	3/20/2014	J	0.327
MW-20	d	Tetrachloroethene	127-18-4	ug/L	3/20/2014	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	3/20/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-21	d	Tetrachloroethene	127-18-4	ug/L	3/20/2014	ND	
MW-22R	d	Tetrachloroethene	127-18-4	ug/L	3/20/2014	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	3/20/2014	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	3/20/2014	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	3/20/2014	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	3/20/2014	ND	
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	6/24/2014	ND	
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	6/24/2014	ND	
MW-18	d	Tetrachloroethene	127-18-4	ug/L	6/24/2014	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	6/24/2014	ND	
MW-28	d	Tetrachloroethene	127-18-4	ug/L	6/24/2014	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	6/24/2014	ND	
MW-50	d	Tetrachloroethene	127-18-4	ug/L	6/24/2014	ND	
MW-51	d	Tetrachloroethene	127-18-4	ug/L	6/24/2014	ND	
MW-52	d	Tetrachloroethene	127-18-4	ug/L	6/24/2014		4.57
MW-53	d	Tetrachloroethene	127-18-4	ug/L	6/24/2014	ND	
MW-54	d	Tetrachloroethene	127-18-4	ug/L	6/24/2014	ND	
MW-55	d	Tetrachloroethene	127-18-4	ug/L	6/24/2014	ND	
MW-58	d	Tetrachloroethene	127-18-4	ug/L	6/24/2014	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	7/24/2014	ND	
MW-56	d	Tetrachloroethene	127-18-4	ug/L	7/24/2014	ND	
MW-57	d	Tetrachloroethene	127-18-4	ug/L	7/24/2014	ND	
GU-3A	d	Tetrachloroethene	127-18-4	ug/L	9/24/2014	ND	
MW-18	d	Tetrachloroethene	127-18-4	ug/L	9/24/2014	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	9/24/2014	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	9/24/2014	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	9/24/2014	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	9/24/2014	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	9/24/2014	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	9/24/2014	ND	
MW-50	d	Tetrachloroethene	127-18-4	ug/L	9/24/2014	ND	
MW-51	d	Tetrachloroethene	127-18-4	ug/L	9/24/2014	ND	
MW-52	d	Tetrachloroethene	127-18-4	ug/L	9/24/2014	J	0.964
MW-53	d	Tetrachloroethene	127-18-4	ug/L	9/24/2014	ND	
MW-54	d	Tetrachloroethene	127-18-4	ug/L	9/24/2014	ND	
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	12/4/2014	ND	
MW-18	d	Tetrachloroethene	127-18-4	ug/L	12/4/2014	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	12/4/2014	ND	
MW-20	d	Tetrachloroethene	127-18-4	ug/L	12/4/2014	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	12/4/2014	ND	
MW-22R	d	Tetrachloroethene	127-18-4	ug/L	12/4/2014	ND	
MW-28	d	Tetrachloroethene	127-18-4	ug/L	12/4/2014	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	12/4/2014	ND	
MW-56	d	Tetrachloroethene	127-18-4	ug/L	12/4/2014	ND	
MW-57	d	Tetrachloroethene	127-18-4	ug/L	12/4/2014	ND	
MW-57	d	Tetrachloroethene	127-18-4	ug/L	12/4/2014	ND	
MW-58	d	Tetrachloroethene	127-18-4	ug/L	12/4/2014	ND	
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	3/11/2015	ND	
MW-18	d	Tetrachloroethene	127-18-4	ug/L	3/11/2015	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	3/11/2015	ND	
MW-20	d	Tetrachloroethene	127-18-4	ug/L	3/11/2015	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	3/11/2015	ND	
MW-22R	d	Tetrachloroethene	127-18-4	ug/L	3/11/2015	ND	
MW-28	d	Tetrachloroethene	127-18-4	ug/L	3/11/2015	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	3/11/2015	ND	
MW-55	d	Tetrachloroethene	127-18-4	ug/L	3/11/2015	ND	
MW-56	d	Tetrachloroethene	127-18-4	ug/L	3/11/2015	ND	
MW-57	d	Tetrachloroethene	127-18-4	ug/L	3/11/2015	ND	
MW-58	d	Tetrachloroethene	127-18-4	ug/L	3/11/2015	ND	
MW-58	d	Tetrachloroethene	127-18-4	ug/L	3/11/2015	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	6/29/2015	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	6/29/2015	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	6/29/2015	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	6/29/2015	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	6/29/2015	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	6/29/2015	ND	
MW-50	d	Tetrachloroethene	127-18-4	ug/L	6/29/2015	ND	
MW-51	d	Tetrachloroethene	127-18-4	ug/L	6/29/2015	ND	
MW-52	d	Tetrachloroethene	127-18-4	ug/L	6/29/2015		1.87
MW-53	d	Tetrachloroethene	127-18-4	ug/L	6/29/2015	ND	
MW-54	d	Tetrachloroethene	127-18-4	ug/L	6/29/2015	ND	
MW-68	d	Tetrachloroethene	127-18-4	ug/L	6/30/2015	J	0.985
MW-69	d	Tetrachloroethene	127-18-4	ug/L	6/30/2015	ND	
PZ-13	d	Tetrachloroethene	127-18-4	ug/L	7/1/2015	ND	
GU-3A	d	Tetrachloroethene	127-18-4	ug/L	9/22/2015	ND	
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	9/22/2015	ND	
MW-20	d	Tetrachloroethene	127-18-4	ug/L	9/22/2015	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	9/22/2015	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	9/22/2015	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	9/22/2015	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	9/22/2015	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	9/22/2015	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	9/22/2015	ND	
MW-52	d	Tetrachloroethene	127-18-4	ug/L	9/22/2015	J	0.839
MW-53	d	Tetrachloroethene	127-18-4	ug/L	9/22/2015	ND	
MW-54	d	Tetrachloroethene	127-18-4	ug/L	9/22/2015	ND	
MW-57	d	Tetrachloroethene	127-18-4	ug/L	9/22/2015	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	Tetrachloroethene	127-18-4	ug/L	9/22/2015	ND	
MW-68	d	Tetrachloroethene	127-18-4	ug/L	9/24/2015	ND	
MW-69	d	Tetrachloroethene	127-18-4	ug/L	9/24/2015	J	0.508
PZ-13	d	Tetrachloroethene	127-18-4	ug/L	9/25/2015	ND	
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	2/15/2016	ND	
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	2/15/2016	ND	
MW-18	d	Tetrachloroethene	127-18-4	ug/L	2/15/2016	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	2/15/2016	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	2/15/2016	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	2/15/2016	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	2/15/2016	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	2/15/2016	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	2/15/2016	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	2/15/2016	ND	
MW-20	d	Tetrachloroethene	127-18-4	ug/L	2/16/2016	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	2/16/2016	ND	
MW-34	d	Tetrachloroethene	127-18-4	ug/L	2/16/2016	ND	
MW-55	d	Tetrachloroethene	127-18-4	ug/L	2/16/2016	ND	
MW-56	d	Tetrachloroethene	127-18-4	ug/L	2/16/2016	ND	
MW-57	d	Tetrachloroethene	127-18-4	ug/L	2/16/2016	ND	
MW-58	d	Tetrachloroethene	127-18-4	ug/L	2/16/2016	ND	
MW-68	d	Tetrachloroethene	127-18-4	ug/L	2/16/2016	ND	
MW-69	d	Tetrachloroethene	127-18-4	ug/L	2/16/2016	J	0.589
PZ-13	d	Tetrachloroethene	127-18-4	ug/L	2/16/2016	ND	
MW-22R	d	Tetrachloroethene	127-18-4	ug/L	2/17/2016	ND	
MW-53	d	Tetrachloroethene	127-18-4	ug/L	2/17/2016	ND	
MW-54	d	Tetrachloroethene	127-18-4	ug/L	2/17/2016	ND	
MW-63	d	Tetrachloroethene	127-18-4	ug/L	2/17/2016	ND	
MW-64	d	Tetrachloroethene	127-18-4	ug/L	2/17/2016	ND	
MW-65	d	Tetrachloroethene	127-18-4	ug/L	2/17/2016	ND	
PZ-11	d	Tetrachloroethene	127-18-4	ug/L	2/17/2016	ND	
MW-52	d	Tetrachloroethene	127-18-4	ug/L	5/4/2016		1.01
MW-28	d	Tetrachloroethene	127-18-4	ug/L	8/25/2016	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	8/25/2016	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	8/25/2016	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	8/25/2016	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	8/25/2016	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	8/25/2016	ND	
MW-50	d	Tetrachloroethene	127-18-4	ug/L	8/25/2016	ND	
MW-51	d	Tetrachloroethene	127-18-4	ug/L	8/25/2016	ND	
MW-52	d	Tetrachloroethene	127-18-4	ug/L	8/25/2016	J	0.76
MW-53	d	Tetrachloroethene	127-18-4	ug/L	8/25/2016	ND	
MW-54	d	Tetrachloroethene	127-18-4	ug/L	8/25/2016	ND	
MW-68	d	Tetrachloroethene	127-18-4	ug/L	8/25/2016	ND	
GU-3A	d	Tetrachloroethene	127-18-4	ug/L	8/26/2016	ND	
MW-69	d	Tetrachloroethene	127-18-4	ug/L	8/26/2016	J	0.567
MW-70	d	Tetrachloroethene	127-18-4	ug/L	8/26/2016	ND	
PZ-13	d	Tetrachloroethene	127-18-4	ug/L	8/26/2016	ND	
MW-18	d	Tetrachloroethene	127-18-4	ug/L	1/17/2017	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	1/17/2017	ND	
MW-22R	d	Tetrachloroethene	127-18-4	ug/L	1/17/2017	ND	
MW-28	d	Tetrachloroethene	127-18-4	ug/L	1/17/2017	ND	
MW-28	d	Tetrachloroethene	127-18-4	ug/L	1/17/2017	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	1/17/2017	ND	
MW-50	d	Tetrachloroethene	127-18-4	ug/L	1/17/2017	ND	
MW-51	d	Tetrachloroethene	127-18-4	ug/L	1/17/2017	ND	
MW-53	d	Tetrachloroethene	127-18-4	ug/L	1/17/2017	ND	
MW-54	d	Tetrachloroethene	127-18-4	ug/L	1/17/2017	ND	
MW-56	d	Tetrachloroethene	127-18-4	ug/L	1/17/2017	ND	
GU-3A	d	Tetrachloroethene	127-18-4	ug/L	7/10/2017	ND	
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	7/10/2017	ND	
MW-20	d	Tetrachloroethene	127-18-4	ug/L	7/10/2017	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	7/10/2017	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	7/10/2017	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	7/10/2017	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	7/10/2017	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	7/10/2017	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	7/10/2017	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	7/10/2017	ND	
MW-57	d	Tetrachloroethene	127-18-4	ug/L	7/10/2017	ND	
MW-58	d	Tetrachloroethene	127-18-4	ug/L	7/10/2017	ND	
MW-68	d	Tetrachloroethene	127-18-4	ug/L	7/10/2017	ND	
MW-69	d	Tetrachloroethene	127-18-4	ug/L	7/10/2017	ND	
MW-70	d	Tetrachloroethene	127-18-4	ug/L	7/10/2017	ND	
PZ-13	d	Tetrachloroethene	127-18-4	ug/L	7/10/2017	ND	
MW-52	d	Tetrachloroethene	127-18-4	ug/L	10/17/2017	J	0.688
MW-55	d	Tetrachloroethene	127-18-4	ug/L	10/17/2017	ND	
GU-3A	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	ND	
GU-3A	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	ND	
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	ND	
MW-20	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	ND	
MW-21	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	ND	
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	ND	
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	ND	
MW-57	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	ND	
MW-58	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	ND	
MW-68	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	ND	
MW-69	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	ND	
MW-70	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	ND	
PZ-13	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	ND	
SW-104	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	ND	
SW-105	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	ND	
SW-107	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	ND	
MW-39	d	Tetrachloroethene	127-18-4	ug/L	11/1/2018	ND	
MW-50	d	Tetrachloroethene	127-18-4	ug/L	11/1/2018	ND	
MW-51	d	Tetrachloroethene	127-18-4	ug/L	11/1/2018	ND	
MW-52	d	Tetrachloroethene	127-18-4	ug/L	11/1/2018	ND	
MW-53	d	Tetrachloroethene	127-18-4	ug/L	11/1/2018	ND	
MW-54	d	Tetrachloroethene	127-18-4	ug/L	11/1/2018	ND	
MW-55	d	Tetrachloroethene	127-18-4	ug/L	11/1/2018	ND	
MW-18	d	Tetrachloroethene	127-18-4	ug/L	11/2/2018	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	11/2/2018	ND	
MW-22R	d	Tetrachloroethene	127-18-4	ug/L	11/2/2018	ND	
MW-28	d	Tetrachloroethene	127-18-4	ug/L	11/2/2018	ND	
MW-56	d	Tetrachloroethene	127-18-4	ug/L	11/2/2018	NDH	
MW-18	d	Tetrachloroethene	127-18-4	ug/L	5/16/2019	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	5/16/2019	ND	
MW-23	u	Tetrachloroethene	127-18-4	ug/L	5/16/2019	ND	
MW-24R	u	Tetrachloroethene	127-18-4	ug/L	5/16/2019	ND	
MW-28	d	Tetrachloroethene	127-18-4	ug/L	5/16/2019	ND	
MW-55	d	Tetrachloroethene	127-18-4	ug/L	5/16/2019	ND	
MW-50	d	Tetrachloroethene	127-18-4	ug/L	5/20/2019	ND	
MW-51	d	Tetrachloroethene	127-18-4	ug/L	5/20/2019	ND	
MW-52	d	Tetrachloroethene	127-18-4	ug/L	5/20/2019	ND	
MW-54	d	Tetrachloroethene	127-18-4	ug/L	5/20/2019	ND	
MW-56	d	Tetrachloroethene	127-18-4	ug/L	5/20/2019	ND	
MW-53	d	Tetrachloroethene	127-18-4	ug/L	5/21/2019	ND	
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	9/11/2019	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	9/11/2019	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	9/11/2019	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	9/11/2019	ND	
MW-58	d	Tetrachloroethene	127-18-4	ug/L	9/11/2019	ND	
MW-68	d	Tetrachloroethene	127-18-4	ug/L	9/13/2019	ND	
MW-69	d	Tetrachloroethene	127-18-4	ug/L	9/13/2019	ND	
MW-70	d	Tetrachloroethene	127-18-4	ug/L	9/13/2019	ND	
PZ-13	d	Tetrachloroethene	127-18-4	ug/L	9/13/2019	ND	
GU-3A	d	Tetrachloroethene	127-18-4	ug/L	3/16/2020	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	3/16/2020	ND	
MW-68	d	Tetrachloroethene	127-18-4	ug/L	3/16/2020	ND	
MW-69	d	Tetrachloroethene	127-18-4	ug/L	3/16/2020	ND	
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	3/17/2020	ND	
MW-29	d	Tetrachloroethene	127-18-4	ug/L	3/17/2020	ND	
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	3/17/2020	ND	
MW-58	d	Tetrachloroethene	127-18-4	ug/L	3/17/2020	ND	
MW-70	d	Tetrachloroethene	127-18-4	ug/L	3/17/2020	ND	
PZ-13	d	Tetrachloroethene	127-18-4	ug/L	3/17/2020	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	7/20/2020	ND	
MW-28	d	Tetrachloroethene	127-18-4	ug/L	7/20/2020	ND	
MW-51	d	Tetrachloroethene	127-18-4	ug/L	7/20/2020	ND	
MW-55	d	Tetrachloroethene	127-18-4	ug/L	7/20/2020	ND	
MW-56	d	Tetrachloroethene	127-18-4	ug/L	7/20/2020	ND	
MW-57R	d	Tetrachloroethene	127-18-4	ug/L	7/20/2020	ND	
MW-73	d	Tetrachloroethene	127-18-4	ug/L	7/20/2020	ND	
MW-18	d	Tetrachloroethene	127-18-4	ug/L	7/21/2020	ND	
MW-50	d	Tetrachloroethene	127-18-4	ug/L	7/21/2020	ND	
MW-52	d	Tetrachloroethene	127-18-4	ug/L	7/21/2020	ND	
MW-53	d	Tetrachloroethene	127-18-4	ug/L	7/21/2020	ND	
MW-54	d	Tetrachloroethene	127-18-4	ug/L	7/21/2020	ND	
MW-23	u	Tetrachloroethene	127-18-4	ug/L	7/22/2020	ND	
MW-24R	u	Tetrachloroethene	127-18-4	ug/L	7/22/2020	ND	
MW-55	d	Tetrachloroethene	127-18-4	ug/L	11/12/2020	ND	
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	8/24/2021		<1.00
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	8/24/2021		<1.00
MW-29	d	Tetrachloroethene	127-18-4	ug/L	8/25/2021		<1.00
MW-58	d	Tetrachloroethene	127-18-4	ug/L	8/25/2021		<1.00
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	8/25/2021		<1.00
MW-68	d	Tetrachloroethene	127-18-4	ug/L	8/25/2021		<1.00
MW-69	d	Tetrachloroethene	127-18-4	ug/L	8/25/2021		<1.00
MW-70	d	Tetrachloroethene	127-18-4	ug/L	8/26/2021		<1.00
MW-57R	d	Tetrachloroethene	127-18-4	ug/L	8/26/2021		<1.00
PZ-13	d	Tetrachloroethene	127-18-4	ug/L	8/27/2021		<1.00
MW-73	d	Tetrachloroethene	127-18-4	ug/L	8/27/2021		<1.00
GU-3A	d	Tetrachloroethene	127-18-4	ug/L	9/8/2021		<1.00
MW-24R	u	Tetrachloroethene	127-18-4	ug/L	12/7/2021		<1.00
MW-28	d	Tetrachloroethene	127-18-4	ug/L	12/7/2021		<1.00
MW-57R	d	Tetrachloroethene	127-18-4	ug/L	12/7/2021		<1.00
MW-73	d	Tetrachloroethene	127-18-4	ug/L	12/7/2021		<1.00
MW-56	d	Tetrachloroethene	127-18-4	ug/L	12/7/2021		<1.00
MW-19	d	Tetrachloroethene	127-18-4	ug/L	12/7/2021		<1.00
MW-18	d	Tetrachloroethene	127-18-4	ug/L	12/7/2021		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-55	d	Tetrachloroethene	127-18-4	ug/L	12/7/2021		<1.00
MW-50	d	Tetrachloroethene	127-18-4	ug/L	12/7/2021	J	0.531
MW-23	u	Tetrachloroethene	127-18-4	ug/L	12/8/2021		<1.00
MW-39	d	Tetrachloroethene	127-18-4	ug/L	12/8/2021		<1.00
MW-51	d	Tetrachloroethene	127-18-4	ug/L	12/8/2021		<1.00
MW-52	d	Tetrachloroethene	127-18-4	ug/L	12/8/2021		<1.00
MW-53	d	Tetrachloroethene	127-18-4	ug/L	12/8/2021		<1.00
MW-54	d	Tetrachloroethene	127-18-4	ug/L	12/8/2021		<1.00
MW-51	d	Thallium	7440-28-0	mg/L	1/15/2010	ND	
MW-24R	u	Thallium	7440-28-0	mg/L	2/11/2010	ND	
MW-53	d	Thallium	7440-28-0	mg/L	2/11/2010	ND	
GU-3A	d	Thallium	7440-28-0	mg/L	3/24/2010	ND	
MW-20	d	Thallium	7440-28-0	mg/L	3/24/2010	ND	
MW-21	d	Thallium	7440-28-0	mg/L	3/24/2010	ND	
MW-22R	d	Thallium	7440-28-0	mg/L	3/24/2010	ND	
MW-52	d	Thallium	7440-28-0	mg/L	3/24/2010	ND	
MW-54	d	Thallium	7440-28-0	mg/L	3/24/2010	ND	
MW-55	d	Thallium	7440-28-0	mg/L	3/24/2010	ND	
MW-28	d	Thallium	7440-28-0	mg/L	4/9/2010	ND	
MW-33R	d	Thallium	7440-28-0	mg/L	4/9/2010	ND	
MW-50	d	Thallium	7440-28-0	mg/L	4/9/2010	ND	
MW-56	d	Thallium	7440-28-0	mg/L	4/9/2010	ND	
MW-57	d	Thallium	7440-28-0	mg/L	4/9/2010	ND	
MW-58	d	Thallium	7440-28-0	mg/L	4/9/2010	ND	
MW-32R	d	Thallium	7440-28-0	mg/L	5/18/2010	ND	
MW-14R	d	Thallium	7440-28-0	mg/L	6/17/2010	ND	
MW-19	d	Thallium	7440-28-0	mg/L	6/17/2010	ND	
MW-29	d	Thallium	7440-28-0	mg/L	6/17/2010	ND	
MW-30R	d	Thallium	7440-28-0	mg/L	6/17/2010	ND	
MW-31R	d	Thallium	7440-28-0	mg/L	6/17/2010	ND	
MW-51	d	Thallium	7440-28-0	mg/L	6/17/2010	ND	
MW-21	d	Thallium	7440-28-0	mg/L	7/21/2010	ND	
MW-54	d	Thallium	7440-28-0	mg/L	7/21/2010	ND	
MW-20	d	Thallium	7440-28-0	mg/L	8/17/2010	ND	
MW-29	d	Thallium	7440-28-0	mg/L	8/17/2010	ND	
MW-39	d	Thallium	7440-28-0	mg/L	8/17/2010	ND	
MW-51	d	Thallium	7440-28-0	mg/L	8/17/2010	ND	
GU-3A	d	Thallium	7440-28-0	mg/L	9/17/2010	ND	
MW-22R	d	Thallium	7440-28-0	mg/L	9/17/2010	ND	
MW-55	d	Thallium	7440-28-0	mg/L	9/17/2010	ND	
MW-19	d	Thallium	7440-28-0	mg/L	10/22/2010	ND	
MW-24R	u	Thallium	7440-28-0	mg/L	10/22/2010	ND	
MW-30R	d	Thallium	7440-28-0	mg/L	10/22/2010	ND	
MW-31R	d	Thallium	7440-28-0	mg/L	10/22/2010	ND	
MW-50	d	Thallium	7440-28-0	mg/L	10/22/2010	ND	
MW-53	d	Thallium	7440-28-0	mg/L	10/22/2010	ND	
MW-56	d	Thallium	7440-28-0	mg/L	10/22/2010	ND	
MW-58	d	Thallium	7440-28-0	mg/L	10/22/2010	ND	
MW-14R	d	Thallium	7440-28-0	mg/L	11/8/2010	ND	
MW-32R	d	Thallium	7440-28-0	mg/L	11/8/2010	ND	
MW-57	d	Thallium	7440-28-0	mg/L	11/8/2010	ND	
MW-28	d	Thallium	7440-28-0	mg/L	12/15/2010	ND	
MW-33R	d	Thallium	7440-28-0	mg/L	12/15/2010	ND	
MW-52	d	Thallium	7440-28-0	mg/L	12/15/2010	ND	
MW-54	d	Thallium	7440-28-0	mg/L	1/12/2011	ND	
MW-54	d	Thallium	7440-28-0	mg/L	1/12/2011	ND	
MW-20	d	Thallium	7440-28-0	mg/L	2/22/2011	ND	
MW-22R	d	Thallium	7440-28-0	mg/L	2/22/2011	ND	
MW-51	d	Thallium	7440-28-0	mg/L	2/22/2011	ND	
MW-52	d	Thallium	7440-28-0	mg/L	2/22/2011	ND	
MW-53	d	Thallium	7440-28-0	mg/L	2/22/2011	ND	
MW-55	d	Thallium	7440-28-0	mg/L	2/22/2011	ND	
GU-3A	d	Thallium	7440-28-0	mg/L	3/2/2011	ND	
MW-21	d	Thallium	7440-28-0	mg/L	3/2/2011	ND	
MW-21	d	Thallium	7440-28-0	mg/L	3/2/2011	ND	
MW-29	d	Thallium	7440-28-0	mg/L	4/21/2011	ND	
MW-30R	d	Thallium	7440-28-0	mg/L	4/21/2011	ND	
MW-31R	d	Thallium	7440-28-0	mg/L	4/21/2011	ND	
MW-31R	d	Thallium	7440-28-0	mg/L	4/21/2011	ND	
MW-32R	d	Thallium	7440-28-0	mg/L	4/21/2011	ND	
MW-54	d	Thallium	7440-28-0	mg/L	5/31/2011	ND	
MW-56	d	Thallium	7440-28-0	mg/L	5/31/2011	ND	
MW-57	d	Thallium	7440-28-0	mg/L	5/31/2011	ND	
MW-58	d	Thallium	7440-28-0	mg/L	5/31/2011	ND	
MW-14R	d	Thallium	7440-28-0	mg/L	6/7/2011	ND	
MW-14R	d	Thallium	7440-28-0	mg/L	6/7/2011	ND	
MW-19	d	Thallium	7440-28-0	mg/L	6/7/2011	ND	
MW-28	d	Thallium	7440-28-0	mg/L	6/7/2011	ND	
MW-33R	d	Thallium	7440-28-0	mg/L	6/7/2011	ND	
MW-39	d	Thallium	7440-28-0	mg/L	6/7/2011	ND	
MW-50	d	Thallium	7440-28-0	mg/L	6/7/2011	ND	
MW-52	d	Thallium	7440-28-0	mg/L	7/22/2011	ND	
MW-56	d	Thallium	7440-28-0	mg/L	7/22/2011	ND	
MW-58	d	Thallium	7440-28-0	mg/L	7/22/2011	ND	
MW-14R	d	Thallium	7440-28-0	mg/L	8/29/2011	ND	
MW-19	d	Thallium	7440-28-0	mg/L	8/29/2011	ND	
MW-19	d	Thallium	7440-28-0	mg/L	8/29/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-32R	d	Thallium	7440-28-0	mg/L	8/29/2011	ND	
GU-3A	d	Thallium	7440-28-0	mg/L	9/9/2011	ND	
MW-22R	d	Thallium	7440-28-0	mg/L	9/9/2011	ND	
MW-23	u	Thallium	7440-28-0	mg/L	9/9/2011	ND	
MW-24R	u	Thallium	7440-28-0	mg/L	9/9/2011	ND	
MW-28	d	Thallium	7440-28-0	mg/L	9/9/2011	ND	
MW-29	d	Thallium	7440-28-0	mg/L	9/9/2011	ND	
MW-51	d	Thallium	7440-28-0	mg/L	9/9/2011	ND	
MW-53	d	Thallium	7440-28-0	mg/L	9/9/2011	ND	
MW-53	d	Thallium	7440-28-0	mg/L	9/9/2011	ND	
MW-21	d	Thallium	7440-28-0	mg/L	10/4/2011	ND	
MW-50	d	Thallium	7440-28-0	mg/L	10/4/2011	ND	
MW-50	d	Thallium	7440-28-0	mg/L	10/4/2011	ND	
MW-54	d	Thallium	7440-28-0	mg/L	10/4/2011	ND	
MW-57	d	Thallium	7440-28-0	mg/L	10/4/2011	ND	
MW-20	d	Thallium	7440-28-0	mg/L	11/29/2011	ND	
MW-30R	d	Thallium	7440-28-0	mg/L	11/29/2011	ND	
MW-52	d	Thallium	7440-28-0	mg/L	11/29/2011	ND	
MW-55	d	Thallium	7440-28-0	mg/L	11/29/2011	ND	
MW-31R	d	Thallium	7440-28-0	mg/L	12/16/2011	ND	
MW-33R	d	Thallium	7440-28-0	mg/L	12/16/2011	ND	
MW-39	d	Thallium	7440-28-0	mg/L	12/16/2011	ND	
MW-14R	d	Thallium	7440-28-0	mg/L	3/8/2012	ND	
MW-19	d	Thallium	7440-28-0	mg/L	3/8/2012	ND	
MW-20	d	Thallium	7440-28-0	mg/L	3/8/2012	ND	
MW-21	d	Thallium	7440-28-0	mg/L	3/8/2012	ND	
MW-22R	d	Thallium	7440-28-0	mg/L	3/8/2012	ND	
MW-23	u	Thallium	7440-28-0	mg/L	3/8/2012	ND	
MW-24R	u	Thallium	7440-28-0	mg/L	3/8/2012	ND	
MW-28	d	Thallium	7440-28-0	mg/L	3/8/2012	ND	
MW-39	d	Thallium	7440-28-0	mg/L	3/8/2012	ND	
MW-55	d	Thallium	7440-28-0	mg/L	3/8/2012	ND	
MW-56	d	Thallium	7440-28-0	mg/L	3/8/2012	ND	
MW-57	d	Thallium	7440-28-0	mg/L	3/8/2012	ND	
MW-58	d	Thallium	7440-28-0	mg/L	3/8/2012	ND	
GU-3A	d	Thallium	7440-28-0	mg/L	6/13/2012	ND	
MW-29	d	Thallium	7440-28-0	mg/L	6/13/2012	ND	
MW-30R	d	Thallium	7440-28-0	mg/L	6/13/2012	ND	
MW-31R	d	Thallium	7440-28-0	mg/L	6/13/2012	ND	
MW-32R	d	Thallium	7440-28-0	mg/L	6/13/2012	ND	
MW-33R	d	Thallium	7440-28-0	mg/L	6/13/2012	ND	
MW-50	d	Thallium	7440-28-0	mg/L	6/13/2012	ND	
MW-50	d	Thallium	7440-28-0	mg/L	6/13/2012	ND	
MW-51	d	Thallium	7440-28-0	mg/L	6/13/2012	ND	
MW-52	d	Thallium	7440-28-0	mg/L	6/13/2012	ND	
MW-53	d	Thallium	7440-28-0	mg/L	6/13/2012	ND	
MW-54	d	Thallium	7440-28-0	mg/L	6/13/2012	ND	
GU-3A	d	Thallium	7440-28-0	mg/L	9/4/2012	ND	
MW-20	d	Thallium	7440-28-0	mg/L	9/4/2012	ND	
MW-21	d	Thallium	7440-28-0	mg/L	9/4/2012	ND	
MW-22R	d	Thallium	7440-28-0	mg/L	9/4/2012	ND	
MW-23	u	Thallium	7440-28-0	mg/L	9/4/2012	ND	
MW-50	d	Thallium	7440-28-0	mg/L	9/4/2012	ND	
MW-51	d	Thallium	7440-28-0	mg/L	9/4/2012	ND	
MW-52	d	Thallium	7440-28-0	mg/L	9/4/2012	ND	
MW-53	d	Thallium	7440-28-0	mg/L	9/4/2012	ND	
MW-54	d	Thallium	7440-28-0	mg/L	9/4/2012	ND	
MW-54	d	Thallium	7440-28-0	mg/L	9/4/2012	ND	
MW-57	d	Thallium	7440-28-0	mg/L	9/4/2012	ND	
MW-58	d	Thallium	7440-28-0	mg/L	9/4/2012	ND	
MW-14R	d	Thallium	7440-28-0	mg/L	12/19/2012	ND	
MW-19	d	Thallium	7440-28-0	mg/L	12/19/2012	ND	
MW-28	d	Thallium	7440-28-0	mg/L	12/19/2012	ND	
MW-29	d	Thallium	7440-28-0	mg/L	12/19/2012	ND	
MW-30R	d	Thallium	7440-28-0	mg/L	12/19/2012	ND	
MW-31R	d	Thallium	7440-28-0	mg/L	12/19/2012	ND	
MW-32R	d	Thallium	7440-28-0	mg/L	12/19/2012	ND	
MW-33R	d	Thallium	7440-28-0	mg/L	12/19/2012	ND	
MW-33R	d	Thallium	7440-28-0	mg/L	12/19/2012	ND	
MW-39	d	Thallium	7440-28-0	mg/L	12/19/2012	ND	
MW-55	d	Thallium	7440-28-0	mg/L	12/19/2012	ND	
MW-56	d	Thallium	7440-28-0	mg/L	12/19/2012	ND	
MW-14R	d	Thallium	7440-28-0	mg/L	3/11/2013	ND	
MW-19	d	Thallium	7440-28-0	mg/L	3/11/2013	ND	
MW-23	u	Thallium	7440-28-0	mg/L	3/11/2013	ND	
MW-28	d	Thallium	7440-28-0	mg/L	3/11/2013	ND	
MW-39	d	Thallium	7440-28-0	mg/L	3/11/2013	ND	
MW-50	d	Thallium	7440-28-0	mg/L	3/11/2013	ND	
MW-50	d	Thallium	7440-28-0	mg/L	3/11/2013	ND	
MW-51	d	Thallium	7440-28-0	mg/L	3/11/2013	ND	
MW-52	d	Thallium	7440-28-0	mg/L	3/11/2013	ND	
MW-53	d	Thallium	7440-28-0	mg/L	3/11/2013	ND	
MW-54	d	Thallium	7440-28-0	mg/L	3/11/2013	ND	
MW-55	d	Thallium	7440-28-0	mg/L	3/11/2013	ND	
MW-56	d	Thallium	7440-28-0	mg/L	3/11/2013	ND	
MW-20	d	Thallium	7440-28-0	mg/L	6/10/2013	ND	
MW-20	d	Thallium	7440-28-0	mg/L	6/10/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-21	d	Thallium	7440-28-0	mg/L	6/10/2013	ND	
MW-22R	d	Thallium	7440-28-0	mg/L	6/10/2013	ND	
MW-29	d	Thallium	7440-28-0	mg/L	6/10/2013	ND	
MW-30R	d	Thallium	7440-28-0	mg/L	6/10/2013	ND	
MW-31R	d	Thallium	7440-28-0	mg/L	6/10/2013	ND	
MW-32R	d	Thallium	7440-28-0	mg/L	6/10/2013	ND	
MW-33R	d	Thallium	7440-28-0	mg/L	6/10/2013	ND	
MW-57	d	Thallium	7440-28-0	mg/L	6/10/2013	ND	
MW-58	d	Thallium	7440-28-0	mg/L	6/10/2013	ND	
GU-3A	d	Thallium	7440-28-0	mg/L	9/10/2013	ND	
MW-23	u	Thallium	7440-28-0	mg/L	9/10/2013	ND	
MW-31R	d	Thallium	7440-28-0	mg/L	9/10/2013	ND	
MW-31R	d	Thallium	7440-28-0	mg/L	9/10/2013	ND	
MW-32R	d	Thallium	7440-28-0	mg/L	9/10/2013	ND	
MW-33R	d	Thallium	7440-28-0	mg/L	9/10/2013	ND	
MW-50	d	Thallium	7440-28-0	mg/L	9/10/2013	ND	
MW-51	d	Thallium	7440-28-0	mg/L	9/10/2013	ND	
MW-52	d	Thallium	7440-28-0	mg/L	9/10/2013	ND	
MW-53	d	Thallium	7440-28-0	mg/L	9/10/2013	ND	
MW-54	d	Thallium	7440-28-0	mg/L	9/10/2013	ND	
MW-14R	d	Thallium	7440-28-0	mg/L	12/18/2013	ND	
MW-18	d	Thallium	7440-28-0	mg/L	12/18/2013	ND	
MW-19	d	Thallium	7440-28-0	mg/L	12/18/2013	ND	
MW-20	d	Thallium	7440-28-0	mg/L	12/18/2013	ND	
MW-21	d	Thallium	7440-28-0	mg/L	12/18/2013	ND	
MW-22R	d	Thallium	7440-28-0	mg/L	12/18/2013	ND	
MW-28	d	Thallium	7440-28-0	mg/L	12/18/2013	ND	
MW-30R	d	Thallium	7440-28-0	mg/L	12/18/2013	ND	
MW-39	d	Thallium	7440-28-0	mg/L	12/18/2013	ND	
MW-39	d	Thallium	7440-28-0	mg/L	12/18/2013	ND	
MW-55	d	Thallium	7440-28-0	mg/L	12/18/2013	ND	
MW-18	d	Thallium	7440-28-0	mg/L	3/20/2014	ND	
MW-20	d	Thallium	7440-28-0	mg/L	3/20/2014	ND	
MW-21	d	Thallium	7440-28-0	mg/L	3/20/2014	ND	
MW-21	d	Thallium	7440-28-0	mg/L	3/20/2014	ND	
MW-22R	d	Thallium	7440-28-0	mg/L	3/20/2014	ND	
MW-23	u	Thallium	7440-28-0	mg/L	3/20/2014	ND	
MW-30R	d	Thallium	7440-28-0	mg/L	3/20/2014	ND	
MW-31R	d	Thallium	7440-28-0	mg/L	3/20/2014	ND	
MW-32R	d	Thallium	7440-28-0	mg/L	3/20/2014	ND	
MW-33R	d	Thallium	7440-28-0	mg/L	3/20/2014	ND	
MW-14R	d	Thallium	7440-28-0	mg/L	6/24/2014	ND	
MW-14R	d	Thallium	7440-28-0	mg/L	6/24/2014	ND	
MW-18	d	Thallium	7440-28-0	mg/L	6/24/2014	ND	
MW-19	d	Thallium	7440-28-0	mg/L	6/24/2014	ND	
MW-28	d	Thallium	7440-28-0	mg/L	6/24/2014	ND	
MW-39	d	Thallium	7440-28-0	mg/L	6/24/2014	ND	
MW-50	d	Thallium	7440-28-0	mg/L	6/24/2014	ND	
MW-51	d	Thallium	7440-28-0	mg/L	6/24/2014	ND	
MW-52	d	Thallium	7440-28-0	mg/L	6/24/2014	ND	
MW-53	d	Thallium	7440-28-0	mg/L	6/24/2014	ND	
MW-54	d	Thallium	7440-28-0	mg/L	6/24/2014	ND	
MW-55	d	Thallium	7440-28-0	mg/L	6/24/2014	ND	
MW-58	d	Thallium	7440-28-0	mg/L	6/24/2014	ND	
MW-29	d	Thallium	7440-28-0	mg/L	7/24/2014	ND	
MW-56	d	Thallium	7440-28-0	mg/L	7/24/2014	ND	
MW-57	d	Thallium	7440-28-0	mg/L	7/24/2014	ND	
GU-3A	d	Thallium	7440-28-0	mg/L	9/24/2014	ND	
MW-18	d	Thallium	7440-28-0	mg/L	9/24/2014	ND	
MW-23	u	Thallium	7440-28-0	mg/L	9/24/2014	ND	
MW-24R	u	Thallium	7440-28-0	mg/L	9/24/2014	ND	
MW-29	d	Thallium	7440-28-0	mg/L	9/24/2014	ND	
MW-30R	d	Thallium	7440-28-0	mg/L	9/24/2014	ND	
MW-31R	d	Thallium	7440-28-0	mg/L	9/24/2014	ND	
MW-31R	d	Thallium	7440-28-0	mg/L	9/24/2014	ND	
MW-32R	d	Thallium	7440-28-0	mg/L	9/24/2014	ND	
MW-33R	d	Thallium	7440-28-0	mg/L	9/24/2014	ND	
MW-50	d	Thallium	7440-28-0	mg/L	9/24/2014	ND	
MW-51	d	Thallium	7440-28-0	mg/L	9/24/2014	ND	
MW-52	d	Thallium	7440-28-0	mg/L	9/24/2014	ND	
MW-53	d	Thallium	7440-28-0	mg/L	9/24/2014	ND	
MW-54	d	Thallium	7440-28-0	mg/L	9/24/2014	ND	
MW-14R	d	Thallium	7440-28-0	mg/L	12/4/2014	ND	
MW-18	d	Thallium	7440-28-0	mg/L	12/4/2014	ND	
MW-19	d	Thallium	7440-28-0	mg/L	12/4/2014	ND	
MW-20	d	Thallium	7440-28-0	mg/L	12/4/2014	ND	
MW-21	d	Thallium	7440-28-0	mg/L	12/4/2014	ND	
MW-22R	d	Thallium	7440-28-0	mg/L	12/4/2014	J	0.00187
MW-28	d	Thallium	7440-28-0	mg/L	12/4/2014	ND	
MW-39	d	Thallium	7440-28-0	mg/L	12/4/2014	ND	
MW-56	d	Thallium	7440-28-0	mg/L	12/4/2014	ND	
MW-57	d	Thallium	7440-28-0	mg/L	12/4/2014	ND	
MW-57	d	Thallium	7440-28-0	mg/L	12/4/2014	ND	
MW-58	d	Thallium	7440-28-0	mg/L	12/4/2014	ND	
MW-14R	d	Thallium	7440-28-0	mg/L	3/11/2015	ND	
MW-18	d	Thallium	7440-28-0	mg/L	3/11/2015	ND	
MW-19	d	Thallium	7440-28-0	mg/L	3/11/2015	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-20	d	Thallium	7440-28-0	mg/L	3/11/2015	ND	
MW-21	d	Thallium	7440-28-0	mg/L	3/11/2015	ND	
MW-22R	d	Thallium	7440-28-0	mg/L	3/11/2015	J	4.50E-05
MW-23	u	Thallium	7440-28-0	mg/L	3/11/2015	ND	
MW-24R	u	Thallium	7440-28-0	mg/L	3/11/2015	ND	
MW-28	d	Thallium	7440-28-0	mg/L	3/11/2015	ND	
MW-39	d	Thallium	7440-28-0	mg/L	3/11/2015	ND	
MW-55	d	Thallium	7440-28-0	mg/L	3/11/2015	ND	
MW-56	d	Thallium	7440-28-0	mg/L	3/11/2015	ND	
MW-57	d	Thallium	7440-28-0	mg/L	3/11/2015	ND	
MW-58	d	Thallium	7440-28-0	mg/L	3/11/2015	ND	
MW-58	d	Thallium	7440-28-0	mg/L	3/11/2015	ND	
MW-29	d	Thallium	7440-28-0	mg/L	6/29/2015	ND	
MW-30R	d	Thallium	7440-28-0	mg/L	6/29/2015	ND	
MW-31R	d	Thallium	7440-28-0	mg/L	6/29/2015	ND	
MW-31R	d	Thallium	7440-28-0	mg/L	6/29/2015	ND	
MW-32R	d	Thallium	7440-28-0	mg/L	6/29/2015	ND	
MW-33R	d	Thallium	7440-28-0	mg/L	6/29/2015	ND	
MW-50	d	Thallium	7440-28-0	mg/L	6/29/2015	ND	
MW-51	d	Thallium	7440-28-0	mg/L	6/29/2015	ND	
MW-52	d	Thallium	7440-28-0	mg/L	6/29/2015	ND	
MW-53	d	Thallium	7440-28-0	mg/L	6/29/2015	ND	
MW-54	d	Thallium	7440-28-0	mg/L	6/29/2015	ND	
GU-3A	d	Thallium	7440-28-0	mg/L	9/22/2015	J	0.0005
MW-14R	d	Thallium	7440-28-0	mg/L	2/15/2016	ND	
MW-14R	d	Thallium	7440-28-0	mg/L	2/15/2016	ND	
MW-18	d	Thallium	7440-28-0	mg/L	2/15/2016	ND	
MW-19	d	Thallium	7440-28-0	mg/L	2/15/2016	ND	
MW-39	d	Thallium	7440-28-0	mg/L	2/15/2016	ND	
MW-20	d	Thallium	7440-28-0	mg/L	2/16/2016	ND	
MW-21	d	Thallium	7440-28-0	mg/L	2/16/2016	J	4.40E-05
MW-55	d	Thallium	7440-28-0	mg/L	2/16/2016	ND	
MW-56	d	Thallium	7440-28-0	mg/L	2/16/2016	ND	
MW-57	d	Thallium	7440-28-0	mg/L	2/16/2016	ND	
MW-58	d	Thallium	7440-28-0	mg/L	2/16/2016	ND	
MW-22R	d	Thallium	7440-28-0	mg/L	2/17/2016	ND	
MW-23	u	Thallium	7440-28-0	mg/L	2/17/2016	ND	
MW-24R	u	Thallium	7440-28-0	mg/L	2/17/2016	ND	
MW-28	d	Thallium	7440-28-0	mg/L	8/25/2016	ND	
MW-29	d	Thallium	7440-28-0	mg/L	8/25/2016	ND	
MW-30R	d	Thallium	7440-28-0	mg/L	8/25/2016	ND	
MW-31R	d	Thallium	7440-28-0	mg/L	8/25/2016	ND	
MW-32R	d	Thallium	7440-28-0	mg/L	8/25/2016	ND	
MW-33R	d	Thallium	7440-28-0	mg/L	8/25/2016	ND	
MW-50	d	Thallium	7440-28-0	mg/L	8/25/2016	ND	
MW-51	d	Thallium	7440-28-0	mg/L	8/25/2016	ND	
MW-52	d	Thallium	7440-28-0	mg/L	8/25/2016	ND	
MW-53	d	Thallium	7440-28-0	mg/L	8/25/2016	ND	
MW-54	d	Thallium	7440-28-0	mg/L	8/25/2016	ND	
GU-3A	d	Thallium	7440-28-0	mg/L	8/26/2016	J	3.80E-05
MW-18	d	Thallium	7440-28-0	mg/L	1/17/2017	ND	
MW-19	d	Thallium	7440-28-0	mg/L	1/17/2017	J	3.00E-05
MW-22R	d	Thallium	7440-28-0	mg/L	1/17/2017	J	0.000103
MW-23	u	Thallium	7440-28-0	mg/L	1/17/2017	ND	
MW-24R	u	Thallium	7440-28-0	mg/L	1/17/2017	ND	
MW-28	d	Thallium	7440-28-0	mg/L	1/17/2017	ND	
MW-28	d	Thallium	7440-28-0	mg/L	1/17/2017	ND	
MW-39	d	Thallium	7440-28-0	mg/L	1/17/2017	ND	
MW-50	d	Thallium	7440-28-0	mg/L	1/17/2017	ND	
MW-51	d	Thallium	7440-28-0	mg/L	1/17/2017	ND	
MW-53	d	Thallium	7440-28-0	mg/L	1/17/2017	ND	
MW-54	d	Thallium	7440-28-0	mg/L	1/17/2017	ND	
MW-56	d	Thallium	7440-28-0	mg/L	1/17/2017	ND	
GU-3A	d	Thallium	7440-28-0	mg/L	7/10/2017	ND	
MW-14R	d	Thallium	7440-28-0	mg/L	7/10/2017	ND	
MW-20	d	Thallium	7440-28-0	mg/L	7/10/2017	ND	
MW-21	d	Thallium	7440-28-0	mg/L	7/10/2017	ND	
MW-29	d	Thallium	7440-28-0	mg/L	7/10/2017	ND	
MW-30R	d	Thallium	7440-28-0	mg/L	7/10/2017	ND	
MW-31R	d	Thallium	7440-28-0	mg/L	7/10/2017	ND	
MW-32R	d	Thallium	7440-28-0	mg/L	7/10/2017	ND	
MW-32R	d	Thallium	7440-28-0	mg/L	7/10/2017	ND	
MW-33R	d	Thallium	7440-28-0	mg/L	7/10/2017	ND	
MW-57	d	Thallium	7440-28-0	mg/L	7/10/2017	ND	
MW-58	d	Thallium	7440-28-0	mg/L	7/10/2017	ND	
MW-52	d	Thallium	7440-28-0	mg/L	10/17/2017	ND	
MW-55	d	Thallium	7440-28-0	mg/L	10/17/2017	ND	
GU-3A	d	Thallium	7440-28-0	mg/L	4/3/2018	ND	
GU-3A	d	Thallium	7440-28-0	mg/L	4/3/2018		0.00117
MW-20	d	Thallium	7440-28-0	mg/L	4/3/2018	ND	
MW-21	d	Thallium	7440-28-0	mg/L	4/3/2018	ND	
MW-30R	d	Thallium	7440-28-0	mg/L	4/3/2018	ND	
MW-31R	d	Thallium	7440-28-0	mg/L	4/3/2018	ND	
MW-32R	d	Thallium	7440-28-0	mg/L	4/3/2018	ND	
MW-33R	d	Thallium	7440-28-0	mg/L	4/3/2018	ND	
MW-33R	d	Thallium	7440-28-0	mg/L	4/3/2018	ND	
MW-23	u	Thallium	7440-28-0	mg/L	11/1/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-24R	u	Thallium	7440-28-0	mg/L	11/1/2018	ND	
MW-39	d	Thallium	7440-28-0	mg/L	11/1/2018	ND	
MW-50	d	Thallium	7440-28-0	mg/L	11/1/2018	ND	
MW-51	d	Thallium	7440-28-0	mg/L	11/1/2018	ND	
MW-52	d	Thallium	7440-28-0	mg/L	11/1/2018	ND	
MW-53	d	Thallium	7440-28-0	mg/L	11/1/2018	ND	
MW-54	d	Thallium	7440-28-0	mg/L	11/1/2018	ND	
MW-55	d	Thallium	7440-28-0	mg/L	11/1/2018	ND	
MW-18	d	Thallium	7440-28-0	mg/L	11/2/2018	ND	
MW-19	d	Thallium	7440-28-0	mg/L	11/2/2018	ND	
MW-22R	d	Thallium	7440-28-0	mg/L	11/2/2018	ND	
MW-28	d	Thallium	7440-28-0	mg/L	11/2/2018	ND	
MW-56	d	Thallium	7440-28-0	mg/L	11/2/2018	ND	
MW-18	d	Thallium	7440-28-0	mg/L	5/16/2019	ND	
MW-19	d	Thallium	7440-28-0	mg/L	5/16/2019	ND	
MW-28	d	Thallium	7440-28-0	mg/L	5/16/2019	ND	
MW-55	d	Thallium	7440-28-0	mg/L	5/16/2019	ND	
MW-50	d	Thallium	7440-28-0	mg/L	5/20/2019	ND	
MW-51	d	Thallium	7440-28-0	mg/L	5/20/2019	ND	
MW-52	d	Thallium	7440-28-0	mg/L	5/20/2019	ND	
MW-54	d	Thallium	7440-28-0	mg/L	5/20/2019	ND	
MW-56	d	Thallium	7440-28-0	mg/L	5/20/2019	ND	
MW-53	d	Thallium	7440-28-0	mg/L	5/21/2019	ND	
MW-14R	d	Thallium	7440-28-0	mg/L	9/11/2019	ND	
MW-29	d	Thallium	7440-28-0	mg/L	9/11/2019	ND	
MW-33R	d	Thallium	7440-28-0	mg/L	9/11/2019	ND	
MW-58	d	Thallium	7440-28-0	mg/L	9/11/2019	ND	
GU-3A	d	Thallium	7440-28-0	mg/L	3/16/2020	ND	
MW-33R	d	Thallium	7440-28-0	mg/L	3/16/2020	ND	
MW-19	d	Thallium	7440-28-0	mg/L	7/20/2020	ND	
MW-28	d	Thallium	7440-28-0	mg/L	7/20/2020	ND	
MW-51	d	Thallium	7440-28-0	mg/L	7/20/2020	ND	
MW-55	d	Thallium	7440-28-0	mg/L	7/20/2020	ND	
MW-56	d	Thallium	7440-28-0	mg/L	7/20/2020	ND	
MW-57R	d	Thallium	7440-28-0	mg/L	7/20/2020	ND	
MW-73	d	Thallium	7440-28-0	mg/L	7/20/2020	ND	
MW-18	d	Thallium	7440-28-0	mg/L	7/21/2020	ND	
MW-50	d	Thallium	7440-28-0	mg/L	7/21/2020	ND	
MW-52	d	Thallium	7440-28-0	mg/L	7/21/2020	ND	
MW-53	d	Thallium	7440-28-0	mg/L	7/21/2020	ND	
MW-54	d	Thallium	7440-28-0	mg/L	7/21/2020	ND	
MW-55	d	Thallium	7440-28-0	mg/L	11/12/2020	ND	
MW-32R	d	Thallium	7440-28-0	mg/L	8/24/2021		<0.00100
MW-33R	d	Thallium	7440-28-0	mg/L	8/24/2021		<0.00100
MW-14R	d	Thallium	7440-28-0	mg/L	8/24/2021		<0.00100
MW-31R	d	Thallium	7440-28-0	mg/L	8/24/2021		<0.00100
MW-29	d	Thallium	7440-28-0	mg/L	8/25/2021		<0.00100
MW-58	d	Thallium	7440-28-0	mg/L	8/25/2021		<0.00100
MW-30R	d	Thallium	7440-28-0	mg/L	8/25/2021		<0.00100
MW-57R	d	Thallium	7440-28-0	mg/L	8/26/2021		<0.00100
MW-73	d	Thallium	7440-28-0	mg/L	8/27/2021		<0.00100
GU-3A	d	Thallium	7440-28-0	mg/L	9/8/2021		<0.00100
MW-24R	u	Thallium	7440-28-0	mg/L	12/7/2021		<0.00100
MW-28	d	Thallium	7440-28-0	mg/L	12/7/2021		<0.00100
MW-57R	d	Thallium	7440-28-0	mg/L	12/7/2021		<0.00100
MW-73	d	Thallium	7440-28-0	mg/L	12/7/2021		<0.00100
MW-56	d	Thallium	7440-28-0	mg/L	12/7/2021		<0.00100
MW-19	d	Thallium	7440-28-0	mg/L	12/7/2021		<0.00100
MW-18	d	Thallium	7440-28-0	mg/L	12/7/2021		<0.00100
MW-55	d	Thallium	7440-28-0	mg/L	12/7/2021		<0.00100
MW-50	d	Thallium	7440-28-0	mg/L	12/7/2021		<0.00100
MW-23	u	Thallium	7440-28-0	mg/L	12/8/2021		<0.00100
MW-39	d	Thallium	7440-28-0	mg/L	12/8/2021		<0.00100
MW-51	d	Thallium	7440-28-0	mg/L	12/8/2021		<0.00100
MW-52	d	Thallium	7440-28-0	mg/L	12/8/2021		<0.00100
MW-53	d	Thallium	7440-28-0	mg/L	12/8/2021		<0.00100
MW-54	d	Thallium	7440-28-0	mg/L	12/8/2021		<0.00100
MW-39	d	Thionazin	297-97-2	ug/L	3/11/2013	ND	
MW-31R	d	Thionazin	297-97-2	ug/L	9/10/2013	ND	
MW-32R	d	Thionazin	297-97-2	ug/L	9/10/2013	ND	
MW-18	d	Thionazin	297-97-2	ug/L	12/18/2013	ND	
MW-20	d	Thionazin	297-97-2	ug/L	12/18/2013	ND	
MW-21	d	Thionazin	297-97-2	ug/L	12/18/2013	ND	
MW-22R	d	Thionazin	297-97-2	ug/L	12/18/2013	ND	
MW-30R	d	Thionazin	297-97-2	ug/L	12/18/2013	ND	
MW-18	d	Thionazin	297-97-2	ug/L	6/24/2014	ND	
MW-29	d	Thionazin	297-97-2	ug/L	7/24/2014	ND	
MW-57	d	Thionazin	297-97-2	ug/L	7/24/2014	ND	
MW-58	d	Thionazin	297-97-2	ug/L	7/24/2014	ND	
MW-33R	d	Thionazin	297-97-2	ug/L	9/24/2014	ND	
MW-50	d	Thionazin	297-97-2	ug/L	9/24/2014	ND	
MW-51	d	Thionazin	297-97-2	ug/L	9/24/2014	ND	
MW-52	d	Thionazin	297-97-2	ug/L	9/24/2014	ND	
MW-53	d	Thionazin	297-97-2	ug/L	9/24/2014	ND	
MW-54	d	Thionazin	297-97-2	ug/L	9/24/2014	ND	
MW-14R	d	Thionazin	297-97-2	ug/L	12/4/2014	ND	
MW-19	d	Thionazin	297-97-2	ug/L	12/4/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-28	d	Thionazin	297-97-2	ug/L	12/4/2014	ND	
MW-56	d	Thionazin	297-97-2	ug/L	12/4/2014	ND	
MW-55	d	Thionazin	297-97-2	ug/L	3/11/2015	ND	
MW-20	d	Thionazin	297-97-2	ug/L	4/3/2018	ND	
MW-21	d	Thionazin	297-97-2	ug/L	4/3/2018	ND	
MW-30R	d	Thionazin	297-97-2	ug/L	4/3/2018	ND	
MW-31R	d	Thionazin	297-97-2	ug/L	4/3/2018	ND	
MW-32R	d	Thionazin	297-97-2	ug/L	4/3/2018	ND	
MW-39	d	Thionazin	297-97-2	ug/L	11/1/2018	ND	
MW-22R	d	Thionazin	297-97-2	ug/L	11/2/2018	ND	
MW-18	d	Thionazin	297-97-2	ug/L	5/16/2019	ND	
MW-19	d	Thionazin	297-97-2	ug/L	5/16/2019	ND	
MW-28	d	Thionazin	297-97-2	ug/L	5/16/2019	ND	
MW-50	d	Thionazin	297-97-2	ug/L	5/20/2019	ND	
MW-51	d	Thionazin	297-97-2	ug/L	5/20/2019	ND	
MW-52	d	Thionazin	297-97-2	ug/L	5/20/2019	ND	
MW-53	d	Thionazin	297-97-2	ug/L	5/20/2019	ND	
MW-54	d	Thionazin	297-97-2	ug/L	5/20/2019	ND	
MW-56	d	Thionazin	297-97-2	ug/L	5/20/2019	ND	
MW-14R	d	Thionazin	297-97-2	ug/L	9/11/2019	ND	
MW-29	d	Thionazin	297-97-2	ug/L	9/11/2019	ND	
MW-33R	d	Thionazin	297-97-2	ug/L	9/11/2019	ND	
MW-58	d	Thionazin	297-97-2	ug/L	9/11/2019	ND	
MW-55	d	Thionazin	297-97-2	ug/L	11/12/2020	ND	
MW-51	d	Tin	7440-31-5	mg/L	1/15/2010	ND	
MW-24R	u	Tin	7440-31-5	mg/L	2/11/2010	ND	
MW-54	d	Tin	7440-31-5	mg/L	3/24/2010	ND	
MW-55	d	Tin	7440-31-5	mg/L	3/24/2010	ND	
MW-54	d	Tin	7440-31-5	mg/L	4/9/2010	ND	
MW-24R	u	Tin	7440-31-5	mg/L	5/18/2010	ND	
MW-55	d	Tin	7440-31-5	mg/L	5/18/2010	ND	
MW-51	d	Tin	7440-31-5	mg/L	6/17/2010	ND	
MW-54	d	Tin	7440-31-5	mg/L	7/21/2010	ND	
MW-51	d	Tin	7440-31-5	mg/L	8/17/2010	ND	
MW-55	d	Tin	7440-31-5	mg/L	9/17/2010	ND	
MW-24R	u	Tin	7440-31-5	mg/L	10/22/2010	ND	
MW-54	d	Tin	7440-31-5	mg/L	1/12/2011	ND	
MW-54	d	Tin	7440-31-5	mg/L	1/12/2011	ND	
MW-51	d	Tin	7440-31-5	mg/L	2/22/2011	ND	
MW-55	d	Tin	7440-31-5	mg/L	2/22/2011	ND	
MW-54	d	Tin	7440-31-5	mg/L	5/31/2011	ND	
MW-56	d	Tin	7440-31-5	mg/L	5/31/2011	ND	
MW-58	d	Tin	7440-31-5	mg/L	7/22/2011	ND	
MW-51	d	Tin	7440-31-5	mg/L	9/9/2011	ND	
MW-54	d	Tin	7440-31-5	mg/L	10/4/2011	ND	
MW-55	d	Tin	7440-31-5	mg/L	11/29/2011	ND	
MW-55	d	Tin	7440-31-5	mg/L	3/8/2012	ND	
MW-51	d	Tin	7440-31-5	mg/L	6/13/2012	ND	
MW-54	d	Tin	7440-31-5	mg/L	6/13/2012	ND	
MW-51	d	Tin	7440-31-5	mg/L	9/4/2012	ND	
MW-54	d	Tin	7440-31-5	mg/L	9/4/2012	ND	
MW-55	d	Tin	7440-31-5	mg/L	12/19/2012	ND	
MW-39	d	Tin	7440-31-5	mg/L	3/11/2013	ND	
MW-51	d	Tin	7440-31-5	mg/L	3/11/2013	ND	
MW-54	d	Tin	7440-31-5	mg/L	3/11/2013	ND	
MW-55	d	Tin	7440-31-5	mg/L	3/11/2013	ND	
MW-31R	d	Tin	7440-31-5	mg/L	9/10/2013	ND	
MW-32R	d	Tin	7440-31-5	mg/L	9/10/2013	ND	
MW-51	d	Tin	7440-31-5	mg/L	9/10/2013	ND	
MW-54	d	Tin	7440-31-5	mg/L	9/10/2013	ND	
MW-18	d	Tin	7440-31-5	mg/L	12/18/2013	ND	
MW-20	d	Tin	7440-31-5	mg/L	12/18/2013	ND	
MW-21	d	Tin	7440-31-5	mg/L	12/18/2013		0.473
MW-22R	d	Tin	7440-31-5	mg/L	12/18/2013	ND	
MW-30R	d	Tin	7440-31-5	mg/L	12/18/2013		0.439
MW-55	d	Tin	7440-31-5	mg/L	12/18/2013		0.381
MW-21	d	Tin	7440-31-5	mg/L	3/20/2014	ND	
MW-30R	d	Tin	7440-31-5	mg/L	3/20/2014	ND	
MW-18	d	Tin	7440-31-5	mg/L	6/24/2014	ND	
MW-51	d	Tin	7440-31-5	mg/L	6/24/2014	ND	
MW-54	d	Tin	7440-31-5	mg/L	6/24/2014	ND	
MW-55	d	Tin	7440-31-5	mg/L	6/24/2014	ND	
MW-29	d	Tin	7440-31-5	mg/L	7/24/2014	ND	
MW-57	d	Tin	7440-31-5	mg/L	7/24/2014	ND	
MW-58	d	Tin	7440-31-5	mg/L	7/24/2014	ND	
MW-30R	d	Tin	7440-31-5	mg/L	9/24/2014		0.145
MW-33R	d	Tin	7440-31-5	mg/L	9/24/2014		0.133
MW-50	d	Tin	7440-31-5	mg/L	9/24/2014		0.136
MW-51	d	Tin	7440-31-5	mg/L	9/24/2014		0.142
MW-52	d	Tin	7440-31-5	mg/L	9/24/2014		0.143
MW-53	d	Tin	7440-31-5	mg/L	9/24/2014		0.154
MW-54	d	Tin	7440-31-5	mg/L	9/24/2014		0.138
MW-14R	d	Tin	7440-31-5	mg/L	12/4/2014	ND	
MW-19	d	Tin	7440-31-5	mg/L	12/4/2014	ND	
MW-21	d	Tin	7440-31-5	mg/L	12/4/2014	J	0.0263
MW-28	d	Tin	7440-31-5	mg/L	12/4/2014	ND	
MW-56	d	Tin	7440-31-5	mg/L	12/4/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-21	d	Tin	7440-31-5	mg/L	3/11/2015	ND	
MW-55	d	Tin	7440-31-5	mg/L	3/11/2015	ND	
MW-30R	d	Tin	7440-31-5	mg/L	6/29/2015	ND	
MW-33R	d	Tin	7440-31-5	mg/L	6/29/2015	ND	
MW-50	d	Tin	7440-31-5	mg/L	6/29/2015	ND	
MW-51	d	Tin	7440-31-5	mg/L	6/29/2015	ND	
MW-52	d	Tin	7440-31-5	mg/L	6/29/2015	ND	
MW-53	d	Tin	7440-31-5	mg/L	6/29/2015	ND	
MW-54	d	Tin	7440-31-5	mg/L	6/29/2015	ND	
MW-21	d	Tin	7440-31-5	mg/L	2/16/2016	ND	
MW-55	d	Tin	7440-31-5	mg/L	2/16/2016	ND	
MW-30R	d	Tin	7440-31-5	mg/L	8/25/2016	ND	
MW-33R	d	Tin	7440-31-5	mg/L	8/25/2016	ND	
MW-50	d	Tin	7440-31-5	mg/L	8/25/2016	ND	
MW-51	d	Tin	7440-31-5	mg/L	8/25/2016	ND	
MW-52	d	Tin	7440-31-5	mg/L	8/25/2016	ND	
MW-53	d	Tin	7440-31-5	mg/L	8/25/2016	ND	
MW-54	d	Tin	7440-31-5	mg/L	8/25/2016	ND	
MW-50	d	Tin	7440-31-5	mg/L	1/17/2017	ND	
MW-51	d	Tin	7440-31-5	mg/L	1/17/2017	ND	
MW-53	d	Tin	7440-31-5	mg/L	1/17/2017	ND	
MW-54	d	Tin	7440-31-5	mg/L	1/17/2017	ND	
MW-21	d	Tin	7440-31-5	mg/L	7/10/2017	ND	
MW-30R	d	Tin	7440-31-5	mg/L	7/10/2017	ND	
MW-33R	d	Tin	7440-31-5	mg/L	7/10/2017	ND	
MW-52	d	Tin	7440-31-5	mg/L	10/17/2017	ND	
MW-55	d	Tin	7440-31-5	mg/L	10/17/2017	ND	
MW-20	d	Tin	7440-31-5	mg/L	4/3/2018	ND	
MW-21	d	Tin	7440-31-5	mg/L	4/3/2018	ND	
MW-30R	d	Tin	7440-31-5	mg/L	4/3/2018	ND	
MW-31R	d	Tin	7440-31-5	mg/L	4/3/2018	ND	
MW-32R	d	Tin	7440-31-5	mg/L	4/3/2018	ND	
MW-33R	d	Tin	7440-31-5	mg/L	4/3/2018	ND	
MW-33R	d	Tin	7440-31-5	mg/L	4/3/2018	ND	
MW-39	d	Tin	7440-31-5	mg/L	11/1/2018	ND	
MW-50	d	Tin	7440-31-5	mg/L	11/1/2018	ND	
MW-51	d	Tin	7440-31-5	mg/L	11/1/2018	ND	
MW-52	d	Tin	7440-31-5	mg/L	11/1/2018	ND	
MW-53	d	Tin	7440-31-5	mg/L	11/1/2018	ND	
MW-54	d	Tin	7440-31-5	mg/L	11/1/2018	ND	
MW-55	d	Tin	7440-31-5	mg/L	11/1/2018	ND	
MW-22R	d	Tin	7440-31-5	mg/L	11/2/2018	ND	
MW-18	d	Tin	7440-31-5	mg/L	5/16/2019	ND	
MW-19	d	Tin	7440-31-5	mg/L	5/16/2019	ND	
MW-28	d	Tin	7440-31-5	mg/L	5/16/2019	ND	
MW-55	d	Tin	7440-31-5	mg/L	5/16/2019	ND	
MW-50	d	Tin	7440-31-5	mg/L	5/20/2019	ND	
MW-51	d	Tin	7440-31-5	mg/L	5/20/2019	ND	
MW-52	d	Tin	7440-31-5	mg/L	5/20/2019	ND	
MW-54	d	Tin	7440-31-5	mg/L	5/20/2019	ND	
MW-56	d	Tin	7440-31-5	mg/L	5/20/2019	ND	
MW-53	d	Tin	7440-31-5	mg/L	5/21/2019	ND	
MW-14R	d	Tin	7440-31-5	mg/L	9/11/2019	ND	
MW-29	d	Tin	7440-31-5	mg/L	9/11/2019	ND	
MW-33R	d	Tin	7440-31-5	mg/L	9/11/2019	ND	
MW-58	d	Tin	7440-31-5	mg/L	9/11/2019	ND	
MW-33R	d	Tin	7440-31-5	mg/L	3/16/2020	ND	
MW-51	d	Tin	7440-31-5	mg/L	7/20/2020	ND	
MW-55	d	Tin	7440-31-5	mg/L	7/20/2020	ND	
MW-50	d	Tin	7440-31-5	mg/L	7/21/2020	ND	
MW-52	d	Tin	7440-31-5	mg/L	7/21/2020	ND	
MW-53	d	Tin	7440-31-5	mg/L	7/21/2020	ND	
MW-54	d	Tin	7440-31-5	mg/L	7/21/2020	ND	
MW-55	d	Tin	7440-31-5	mg/L	11/12/2020	ND	
MW-33R	d	Tin	7440-31-5	mg/L	8/24/2021		<0.00500
MW-57R	d	Tin	7440-31-5	mg/L	12/7/2021		<0.00500
MW-73	d	Tin	7440-31-5	mg/L	12/7/2021		<0.00500
MW-56	d	Tin	7440-31-5	mg/L	12/7/2021		<0.00500
MW-55	d	Tin	7440-31-5	mg/L	12/7/2021		<0.00500
MW-50	d	Tin	7440-31-5	mg/L	12/7/2021		<0.00500
MW-51	d	Tin	7440-31-5	mg/L	12/8/2021		<0.00500
MW-52	d	Tin	7440-31-5	mg/L	12/8/2021		<0.00500
MW-53	d	Tin	7440-31-5	mg/L	12/8/2021		<0.00500
MW-54	d	Tin	7440-31-5	mg/L	12/8/2021		<0.00500
MW-51	d	Toluene	108-88-3	ug/L	1/15/2010	ND	
MW-24R	u	Toluene	108-88-3	ug/L	2/11/2010	ND	
MW-53	d	Toluene	108-88-3	ug/L	2/11/2010		3.25
GU-3A	d	Toluene	108-88-3	ug/L	3/24/2010	ND	
MW-20	d	Toluene	108-88-3	ug/L	3/24/2010	ND	
MW-21	d	Toluene	108-88-3	ug/L	3/24/2010	ND	
MW-22R	d	Toluene	108-88-3	ug/L	3/24/2010	ND	
MW-52	d	Toluene	108-88-3	ug/L	3/24/2010	ND	
MW-54	d	Toluene	108-88-3	ug/L	3/24/2010	ND	
MW-55	d	Toluene	108-88-3	ug/L	3/24/2010	ND	
MW-28	d	Toluene	108-88-3	ug/L	4/9/2010	ND	
MW-33R	d	Toluene	108-88-3	ug/L	4/9/2010	ND	
MW-50	d	Toluene	108-88-3	ug/L	4/9/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	Toluene	108-88-3	ug/L	4/9/2010	ND	
MW-57	d	Toluene	108-88-3	ug/L	4/9/2010	ND	
MW-58	d	Toluene	108-88-3	ug/L	4/9/2010	ND	
MW-32R	d	Toluene	108-88-3	ug/L	5/18/2010	ND	
MW-53	d	Toluene	108-88-3	ug/L	5/18/2010		4.75
MW-14R	d	Toluene	108-88-3	ug/L	6/17/2010	ND	
MW-19	d	Toluene	108-88-3	ug/L	6/17/2010	ND	
MW-29	d	Toluene	108-88-3	ug/L	6/17/2010	ND	
MW-30R	d	Toluene	108-88-3	ug/L	6/17/2010	ND	
MW-31R	d	Toluene	108-88-3	ug/L	6/17/2010	ND	
MW-51	d	Toluene	108-88-3	ug/L	6/17/2010	ND	
MW-21	d	Toluene	108-88-3	ug/L	7/21/2010	ND	
MW-54	d	Toluene	108-88-3	ug/L	7/21/2010	ND	
MW-20	d	Toluene	108-88-3	ug/L	8/17/2010	ND	
MW-29	d	Toluene	108-88-3	ug/L	8/17/2010	ND	
MW-39	d	Toluene	108-88-3	ug/L	8/17/2010	ND	
MW-51	d	Toluene	108-88-3	ug/L	8/17/2010	ND	
GU-3A	d	Toluene	108-88-3	ug/L	9/17/2010		9.04
MW-22R	d	Toluene	108-88-3	ug/L	9/17/2010	ND	
MW-55	d	Toluene	108-88-3	ug/L	9/17/2010	ND	
MW-19	d	Toluene	108-88-3	ug/L	10/22/2010	ND	
MW-24R	u	Toluene	108-88-3	ug/L	10/22/2010	ND	
MW-30R	d	Toluene	108-88-3	ug/L	10/22/2010	ND	
MW-31R	d	Toluene	108-88-3	ug/L	10/22/2010	ND	
MW-50	d	Toluene	108-88-3	ug/L	10/22/2010	ND	
MW-53	d	Toluene	108-88-3	ug/L	10/22/2010		3.23
MW-56	d	Toluene	108-88-3	ug/L	10/22/2010	ND	
MW-58	d	Toluene	108-88-3	ug/L	10/22/2010		2.02
MW-14R	d	Toluene	108-88-3	ug/L	11/8/2010	ND	
MW-32R	d	Toluene	108-88-3	ug/L	11/8/2010	ND	
MW-57	d	Toluene	108-88-3	ug/L	11/8/2010	ND	
MW-28	d	Toluene	108-88-3	ug/L	12/15/2010	ND	
MW-33R	d	Toluene	108-88-3	ug/L	12/15/2010	ND	
MW-52	d	Toluene	108-88-3	ug/L	12/15/2010	ND	
MW-54	d	Toluene	108-88-3	ug/L	1/12/2011	ND	
MW-54	d	Toluene	108-88-3	ug/L	1/12/2011	ND	
MW-20	d	Toluene	108-88-3	ug/L	2/22/2011	ND	
MW-22R	d	Toluene	108-88-3	ug/L	2/22/2011	ND	
MW-51	d	Toluene	108-88-3	ug/L	2/22/2011	ND	
MW-52	d	Toluene	108-88-3	ug/L	2/22/2011	ND	
MW-53	d	Toluene	108-88-3	ug/L	2/22/2011		3.06
MW-55	d	Toluene	108-88-3	ug/L	2/22/2011	ND	
GU-3A	d	Toluene	108-88-3	ug/L	3/2/2011		2.29
MW-21	d	Toluene	108-88-3	ug/L	3/2/2011	ND	
MW-21	d	Toluene	108-88-3	ug/L	3/2/2011	ND	
MW-29	d	Toluene	108-88-3	ug/L	4/21/2011	ND	
MW-30R	d	Toluene	108-88-3	ug/L	4/21/2011	ND	
MW-31R	d	Toluene	108-88-3	ug/L	4/21/2011	ND	
MW-31R	d	Toluene	108-88-3	ug/L	4/21/2011	ND	
MW-32R	d	Toluene	108-88-3	ug/L	4/21/2011	ND	
MW-54	d	Toluene	108-88-3	ug/L	5/31/2011	ND	
MW-56	d	Toluene	108-88-3	ug/L	5/31/2011	ND	
MW-57	d	Toluene	108-88-3	ug/L	5/31/2011	ND	
MW-58	d	Toluene	108-88-3	ug/L	5/31/2011	ND	
MW-14R	d	Toluene	108-88-3	ug/L	6/7/2011	ND	
MW-14R	d	Toluene	108-88-3	ug/L	6/7/2011	ND	
MW-19	d	Toluene	108-88-3	ug/L	6/7/2011	ND	
MW-28	d	Toluene	108-88-3	ug/L	6/7/2011	ND	
MW-33R	d	Toluene	108-88-3	ug/L	6/7/2011	ND	
MW-39	d	Toluene	108-88-3	ug/L	6/7/2011	ND	
MW-50	d	Toluene	108-88-3	ug/L	6/7/2011	ND	
MW-52	d	Toluene	108-88-3	ug/L	7/22/2011	ND	
MW-56	d	Toluene	108-88-3	ug/L	7/22/2011	ND	
MW-58	d	Toluene	108-88-3	ug/L	7/22/2011	ND	
MW-14R	d	Toluene	108-88-3	ug/L	8/29/2011	ND	
MW-19	d	Toluene	108-88-3	ug/L	8/29/2011	ND	
MW-19	d	Toluene	108-88-3	ug/L	8/29/2011	ND	
MW-32R	d	Toluene	108-88-3	ug/L	8/29/2011	ND	
GU-3A	d	Toluene	108-88-3	ug/L	9/9/2011		2.5
MW-22R	d	Toluene	108-88-3	ug/L	9/9/2011	ND	
MW-28	d	Toluene	108-88-3	ug/L	9/9/2011	ND	
MW-29	d	Toluene	108-88-3	ug/L	9/9/2011	ND	
MW-51	d	Toluene	108-88-3	ug/L	9/9/2011	ND	
MW-53	d	Toluene	108-88-3	ug/L	9/9/2011		3.07
MW-53	d	Toluene	108-88-3	ug/L	9/9/2011		3.68
MW-21	d	Toluene	108-88-3	ug/L	10/4/2011	ND	
MW-50	d	Toluene	108-88-3	ug/L	10/4/2011	ND	
MW-50	d	Toluene	108-88-3	ug/L	10/4/2011	ND	
MW-54	d	Toluene	108-88-3	ug/L	10/4/2011	ND	
MW-57	d	Toluene	108-88-3	ug/L	10/4/2011	ND	
MW-20	d	Toluene	108-88-3	ug/L	11/29/2011	ND	
MW-30R	d	Toluene	108-88-3	ug/L	11/29/2011	ND	
MW-52	d	Toluene	108-88-3	ug/L	11/29/2011	ND	
MW-55	d	Toluene	108-88-3	ug/L	11/29/2011	ND	
MW-31R	d	Toluene	108-88-3	ug/L	12/16/2011	ND	
MW-33R	d	Toluene	108-88-3	ug/L	12/16/2011	ND	
MW-39	d	Toluene	108-88-3	ug/L	12/16/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	Toluene	108-88-3	ug/L	3/8/2012	ND	
MW-19	d	Toluene	108-88-3	ug/L	3/8/2012	ND	
MW-20	d	Toluene	108-88-3	ug/L	3/8/2012	ND	
MW-21	d	Toluene	108-88-3	ug/L	3/8/2012	ND	
MW-22R	d	Toluene	108-88-3	ug/L	3/8/2012	ND	
MW-28	d	Toluene	108-88-3	ug/L	3/8/2012	ND	
MW-39	d	Toluene	108-88-3	ug/L	3/8/2012	ND	
MW-55	d	Toluene	108-88-3	ug/L	3/8/2012	ND	
MW-56	d	Toluene	108-88-3	ug/L	3/8/2012	ND	
MW-57	d	Toluene	108-88-3	ug/L	3/8/2012	ND	
MW-58	d	Toluene	108-88-3	ug/L	3/8/2012	ND	
GU-3A	d	Toluene	108-88-3	ug/L	6/13/2012	ND	
MW-29	d	Toluene	108-88-3	ug/L	6/13/2012	ND	
MW-30R	d	Toluene	108-88-3	ug/L	6/13/2012	ND	
MW-31R	d	Toluene	108-88-3	ug/L	6/13/2012	ND	
MW-32R	d	Toluene	108-88-3	ug/L	6/13/2012	ND	
MW-33R	d	Toluene	108-88-3	ug/L	6/13/2012	ND	
MW-50	d	Toluene	108-88-3	ug/L	6/13/2012	ND	
MW-50	d	Toluene	108-88-3	ug/L	6/13/2012	ND	
MW-51	d	Toluene	108-88-3	ug/L	6/13/2012	ND	
MW-52	d	Toluene	108-88-3	ug/L	6/13/2012	ND	
MW-53	d	Toluene	108-88-3	ug/L	6/13/2012		3.4
MW-54	d	Toluene	108-88-3	ug/L	6/13/2012	ND	
GU-3A	d	Toluene	108-88-3	ug/L	9/4/2012	ND	
MW-20	d	Toluene	108-88-3	ug/L	9/4/2012	ND	
MW-21	d	Toluene	108-88-3	ug/L	9/4/2012	ND	
MW-22R	d	Toluene	108-88-3	ug/L	9/4/2012	ND	
MW-50	d	Toluene	108-88-3	ug/L	9/4/2012	ND	
MW-51	d	Toluene	108-88-3	ug/L	9/4/2012	ND	
MW-52	d	Toluene	108-88-3	ug/L	9/4/2012	ND	
MW-53	d	Toluene	108-88-3	ug/L	9/4/2012		2.77
MW-54	d	Toluene	108-88-3	ug/L	9/4/2012	ND	
MW-54	d	Toluene	108-88-3	ug/L	9/4/2012	ND	
MW-57	d	Toluene	108-88-3	ug/L	9/4/2012	ND	
MW-58	d	Toluene	108-88-3	ug/L	9/4/2012	ND	
MW-14R	d	Toluene	108-88-3	ug/L	12/19/2012	ND	
MW-19	d	Toluene	108-88-3	ug/L	12/19/2012	ND	
MW-28	d	Toluene	108-88-3	ug/L	12/19/2012	ND	
MW-29	d	Toluene	108-88-3	ug/L	12/19/2012	ND	
MW-30R	d	Toluene	108-88-3	ug/L	12/19/2012	ND	
MW-31R	d	Toluene	108-88-3	ug/L	12/19/2012	ND	
MW-32R	d	Toluene	108-88-3	ug/L	12/19/2012	ND	
MW-33R	d	Toluene	108-88-3	ug/L	12/19/2012	ND	
MW-33R	d	Toluene	108-88-3	ug/L	12/19/2012	ND	
MW-39	d	Toluene	108-88-3	ug/L	12/19/2012	ND	
MW-55	d	Toluene	108-88-3	ug/L	12/19/2012	ND	
MW-56	d	Toluene	108-88-3	ug/L	12/19/2012	ND	
MW-14R	d	Toluene	108-88-3	ug/L	3/11/2013	ND	
MW-19	d	Toluene	108-88-3	ug/L	3/11/2013	ND	
MW-28	d	Toluene	108-88-3	ug/L	3/11/2013	ND	
MW-39	d	Toluene	108-88-3	ug/L	3/11/2013	ND	
MW-50	d	Toluene	108-88-3	ug/L	3/11/2013	ND	
MW-50	d	Toluene	108-88-3	ug/L	3/11/2013	ND	
MW-51	d	Toluene	108-88-3	ug/L	3/11/2013	ND	
MW-52	d	Toluene	108-88-3	ug/L	3/11/2013	ND	
MW-53	d	Toluene	108-88-3	ug/L	3/11/2013		2.88
MW-54	d	Toluene	108-88-3	ug/L	3/11/2013	ND	
MW-55	d	Toluene	108-88-3	ug/L	3/11/2013	ND	
MW-56	d	Toluene	108-88-3	ug/L	3/11/2013	ND	
MW-20	d	Toluene	108-88-3	ug/L	6/10/2013	ND	
MW-20	d	Toluene	108-88-3	ug/L	6/10/2013	ND	
MW-21	d	Toluene	108-88-3	ug/L	6/10/2013	ND	
MW-22R	d	Toluene	108-88-3	ug/L	6/10/2013	ND	
MW-29	d	Toluene	108-88-3	ug/L	6/10/2013	ND	
MW-30R	d	Toluene	108-88-3	ug/L	6/10/2013	ND	
MW-31R	d	Toluene	108-88-3	ug/L	6/10/2013	ND	
MW-32R	d	Toluene	108-88-3	ug/L	6/10/2013	ND	
MW-33R	d	Toluene	108-88-3	ug/L	6/10/2013	ND	
MW-57	d	Toluene	108-88-3	ug/L	6/10/2013	ND	
MW-58	d	Toluene	108-88-3	ug/L	6/10/2013	ND	
GU-3A	d	Toluene	108-88-3	ug/L	9/10/2013	ND	
MW-31R	d	Toluene	108-88-3	ug/L	9/10/2013	ND	
MW-31R	d	Toluene	108-88-3	ug/L	9/10/2013	ND	
MW-32R	d	Toluene	108-88-3	ug/L	9/10/2013	ND	
MW-33R	d	Toluene	108-88-3	ug/L	9/10/2013	ND	
MW-50	d	Toluene	108-88-3	ug/L	9/10/2013	ND	
MW-51	d	Toluene	108-88-3	ug/L	9/10/2013	ND	
MW-52	d	Toluene	108-88-3	ug/L	9/10/2013	ND	
MW-53	d	Toluene	108-88-3	ug/L	9/10/2013		2.53
MW-54	d	Toluene	108-88-3	ug/L	9/10/2013	ND	
MW-14R	d	Toluene	108-88-3	ug/L	12/18/2013	ND	
MW-18	d	Toluene	108-88-3	ug/L	12/18/2013	ND	
MW-19	d	Toluene	108-88-3	ug/L	12/18/2013	ND	
MW-20	d	Toluene	108-88-3	ug/L	12/18/2013	ND	
MW-21	d	Toluene	108-88-3	ug/L	12/18/2013	ND	
MW-22R	d	Toluene	108-88-3	ug/L	12/18/2013	ND	
MW-28	d	Toluene	108-88-3	ug/L	12/18/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	Toluene	108-88-3	ug/L	12/18/2013	ND	
MW-39	d	Toluene	108-88-3	ug/L	12/18/2013	ND	
MW-39	d	Toluene	108-88-3	ug/L	12/18/2013	ND	
MW-55	d	Toluene	108-88-3	ug/L	12/18/2013	ND	
MW-18	d	Toluene	108-88-3	ug/L	3/20/2014	ND	
MW-20	d	Toluene	108-88-3	ug/L	3/20/2014	ND	
MW-21	d	Toluene	108-88-3	ug/L	3/20/2014	ND	
MW-21	d	Toluene	108-88-3	ug/L	3/20/2014	ND	
MW-22R	d	Toluene	108-88-3	ug/L	3/20/2014	ND	
MW-30R	d	Toluene	108-88-3	ug/L	3/20/2014	ND	
MW-31R	d	Toluene	108-88-3	ug/L	3/20/2014	ND	
MW-32R	d	Toluene	108-88-3	ug/L	3/20/2014	ND	
MW-33R	d	Toluene	108-88-3	ug/L	3/20/2014	ND	
MW-14R	d	Toluene	108-88-3	ug/L	6/24/2014	ND	
MW-14R	d	Toluene	108-88-3	ug/L	6/24/2014	ND	
MW-18	d	Toluene	108-88-3	ug/L	6/24/2014	ND	
MW-19	d	Toluene	108-88-3	ug/L	6/24/2014	ND	
MW-28	d	Toluene	108-88-3	ug/L	6/24/2014	ND	
MW-39	d	Toluene	108-88-3	ug/L	6/24/2014	ND	
MW-50	d	Toluene	108-88-3	ug/L	6/24/2014	ND	
MW-51	d	Toluene	108-88-3	ug/L	6/24/2014	ND	
MW-52	d	Toluene	108-88-3	ug/L	6/24/2014	ND	
MW-53	d	Toluene	108-88-3	ug/L	6/24/2014		2.83
MW-54	d	Toluene	108-88-3	ug/L	6/24/2014	ND	
MW-55	d	Toluene	108-88-3	ug/L	6/24/2014	ND	
MW-58	d	Toluene	108-88-3	ug/L	6/24/2014	ND	
MW-29	d	Toluene	108-88-3	ug/L	7/24/2014	ND	
MW-56	d	Toluene	108-88-3	ug/L	7/24/2014	ND	
MW-57	d	Toluene	108-88-3	ug/L	7/24/2014	ND	
GU-3A	d	Toluene	108-88-3	ug/L	9/24/2014	J	0.797
MW-18	d	Toluene	108-88-3	ug/L	9/24/2014	ND	
MW-29	d	Toluene	108-88-3	ug/L	9/24/2014	J	0.237
MW-30R	d	Toluene	108-88-3	ug/L	9/24/2014	ND	
MW-31R	d	Toluene	108-88-3	ug/L	9/24/2014	ND	
MW-31R	d	Toluene	108-88-3	ug/L	9/24/2014	ND	
MW-32R	d	Toluene	108-88-3	ug/L	9/24/2014	ND	
MW-33R	d	Toluene	108-88-3	ug/L	9/24/2014	ND	
MW-50	d	Toluene	108-88-3	ug/L	9/24/2014	ND	
MW-51	d	Toluene	108-88-3	ug/L	9/24/2014	ND	
MW-52	d	Toluene	108-88-3	ug/L	9/24/2014	ND	
MW-53	d	Toluene	108-88-3	ug/L	9/24/2014		2.38
MW-54	d	Toluene	108-88-3	ug/L	9/24/2014	ND	
MW-14R	d	Toluene	108-88-3	ug/L	12/4/2014	ND	
MW-18	d	Toluene	108-88-3	ug/L	12/4/2014	ND	
MW-19	d	Toluene	108-88-3	ug/L	12/4/2014	ND	
MW-20	d	Toluene	108-88-3	ug/L	12/4/2014	ND	
MW-21	d	Toluene	108-88-3	ug/L	12/4/2014	ND	
MW-22R	d	Toluene	108-88-3	ug/L	12/4/2014	ND	
MW-28	d	Toluene	108-88-3	ug/L	12/4/2014	ND	
MW-39	d	Toluene	108-88-3	ug/L	12/4/2014	ND	
MW-56	d	Toluene	108-88-3	ug/L	12/4/2014	ND	
MW-57	d	Toluene	108-88-3	ug/L	12/4/2014	ND	
MW-57	d	Toluene	108-88-3	ug/L	12/4/2014	ND	
MW-58	d	Toluene	108-88-3	ug/L	12/4/2014	ND	
MW-14R	d	Toluene	108-88-3	ug/L	3/11/2015	ND	
MW-18	d	Toluene	108-88-3	ug/L	3/11/2015	ND	
MW-19	d	Toluene	108-88-3	ug/L	3/11/2015	ND	
MW-20	d	Toluene	108-88-3	ug/L	3/11/2015	ND	
MW-21	d	Toluene	108-88-3	ug/L	3/11/2015	ND	
MW-22R	d	Toluene	108-88-3	ug/L	3/11/2015	ND	
MW-28	d	Toluene	108-88-3	ug/L	3/11/2015	ND	
MW-39	d	Toluene	108-88-3	ug/L	3/11/2015	ND	
MW-55	d	Toluene	108-88-3	ug/L	3/11/2015	ND	
MW-56	d	Toluene	108-88-3	ug/L	3/11/2015	ND	
MW-57	d	Toluene	108-88-3	ug/L	3/11/2015	ND	
MW-58	d	Toluene	108-88-3	ug/L	3/11/2015	ND	
MW-58	d	Toluene	108-88-3	ug/L	3/11/2015	ND	
MW-29	d	Toluene	108-88-3	ug/L	6/29/2015	ND	
MW-30R	d	Toluene	108-88-3	ug/L	6/29/2015	ND	
MW-31R	d	Toluene	108-88-3	ug/L	6/29/2015	ND	
MW-31R	d	Toluene	108-88-3	ug/L	6/29/2015	ND	
MW-32R	d	Toluene	108-88-3	ug/L	6/29/2015	ND	
MW-33R	d	Toluene	108-88-3	ug/L	6/29/2015	ND	
MW-50	d	Toluene	108-88-3	ug/L	6/29/2015	ND	
MW-51	d	Toluene	108-88-3	ug/L	6/29/2015	ND	
MW-52	d	Toluene	108-88-3	ug/L	6/29/2015	ND	
MW-53	d	Toluene	108-88-3	ug/L	6/29/2015		2.21
MW-54	d	Toluene	108-88-3	ug/L	6/29/2015	ND	
GU-3A	d	Toluene	108-88-3	ug/L	9/22/2015		1.45
MW-14R	d	Toluene	108-88-3	ug/L	2/15/2016	ND	
MW-14R	d	Toluene	108-88-3	ug/L	2/15/2016	ND	
MW-18	d	Toluene	108-88-3	ug/L	2/15/2016	ND	
MW-19	d	Toluene	108-88-3	ug/L	2/15/2016	ND	
MW-39	d	Toluene	108-88-3	ug/L	2/15/2016	ND	
MW-20	d	Toluene	108-88-3	ug/L	2/16/2016	ND	
MW-21	d	Toluene	108-88-3	ug/L	2/16/2016	ND	
MW-55	d	Toluene	108-88-3	ug/L	2/16/2016	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	Toluene	108-88-3	ug/L	2/16/2016	ND	
MW-57	d	Toluene	108-88-3	ug/L	2/16/2016	ND	
MW-58	d	Toluene	108-88-3	ug/L	2/16/2016	ND	
MW-22R	d	Toluene	108-88-3	ug/L	2/17/2016	ND	
MW-28	d	Toluene	108-88-3	ug/L	8/25/2016	ND	
MW-29	d	Toluene	108-88-3	ug/L	8/25/2016	J	0.198
MW-30R	d	Toluene	108-88-3	ug/L	8/25/2016	ND	
MW-31R	d	Toluene	108-88-3	ug/L	8/25/2016	ND	
MW-32R	d	Toluene	108-88-3	ug/L	8/25/2016	ND	
MW-33R	d	Toluene	108-88-3	ug/L	8/25/2016	ND	
MW-50	d	Toluene	108-88-3	ug/L	8/25/2016	ND	
MW-51	d	Toluene	108-88-3	ug/L	8/25/2016	ND	
MW-52	d	Toluene	108-88-3	ug/L	8/25/2016	ND	
MW-53	d	Toluene	108-88-3	ug/L	8/25/2016		1.97
MW-54	d	Toluene	108-88-3	ug/L	8/25/2016	ND	
GU-3A	d	Toluene	108-88-3	ug/L	8/26/2016	J	0.423
MW-18	d	Toluene	108-88-3	ug/L	1/17/2017	ND	
MW-19	d	Toluene	108-88-3	ug/L	1/17/2017	ND	
MW-22R	d	Toluene	108-88-3	ug/L	1/17/2017	ND	
MW-28	d	Toluene	108-88-3	ug/L	1/17/2017	ND	
MW-28	d	Toluene	108-88-3	ug/L	1/17/2017	ND	
MW-39	d	Toluene	108-88-3	ug/L	1/17/2017	ND	
MW-50	d	Toluene	108-88-3	ug/L	1/17/2017	ND	
MW-51	d	Toluene	108-88-3	ug/L	1/17/2017	ND	
MW-53	d	Toluene	108-88-3	ug/L	1/17/2017		1.9
MW-54	d	Toluene	108-88-3	ug/L	1/17/2017	ND	
MW-56	d	Toluene	108-88-3	ug/L	1/17/2017	ND	
GU-3A	d	Toluene	108-88-3	ug/L	7/10/2017	ND	
MW-14R	d	Toluene	108-88-3	ug/L	7/10/2017	ND	
MW-20	d	Toluene	108-88-3	ug/L	7/10/2017	ND	
MW-21	d	Toluene	108-88-3	ug/L	7/10/2017	ND	
MW-29	d	Toluene	108-88-3	ug/L	7/10/2017	J	0.221
MW-30R	d	Toluene	108-88-3	ug/L	7/10/2017	ND	
MW-31R	d	Toluene	108-88-3	ug/L	7/10/2017	ND	
MW-32R	d	Toluene	108-88-3	ug/L	7/10/2017	ND	
MW-32R	d	Toluene	108-88-3	ug/L	7/10/2017	ND	
MW-33R	d	Toluene	108-88-3	ug/L	7/10/2017	ND	
MW-57	d	Toluene	108-88-3	ug/L	7/10/2017	ND	
MW-58	d	Toluene	108-88-3	ug/L	7/10/2017	ND	
MW-52	d	Toluene	108-88-3	ug/L	10/17/2017	ND	
MW-55	d	Toluene	108-88-3	ug/L	10/17/2017	ND	
GU-3A	d	Toluene	108-88-3	ug/L	4/3/2018	ND	
GU-3A	d	Toluene	108-88-3	ug/L	4/3/2018	ND	
MW-14R	d	Toluene	108-88-3	ug/L	4/3/2018	ND	
MW-20	d	Toluene	108-88-3	ug/L	4/3/2018	ND	
MW-21	d	Toluene	108-88-3	ug/L	4/3/2018	ND	
MW-29	d	Toluene	108-88-3	ug/L	4/3/2018	J	0.237
MW-30R	d	Toluene	108-88-3	ug/L	4/3/2018	ND	
MW-31R	d	Toluene	108-88-3	ug/L	4/3/2018	ND	
MW-32R	d	Toluene	108-88-3	ug/L	4/3/2018	ND	
MW-33R	d	Toluene	108-88-3	ug/L	4/3/2018	ND	
MW-33R	d	Toluene	108-88-3	ug/L	4/3/2018	ND	
MW-57	d	Toluene	108-88-3	ug/L	4/3/2018	ND	
MW-58	d	Toluene	108-88-3	ug/L	4/3/2018	ND	
MW-39	d	Toluene	108-88-3	ug/L	11/1/2018	ND	
MW-50	d	Toluene	108-88-3	ug/L	11/1/2018	ND	
MW-51	d	Toluene	108-88-3	ug/L	11/1/2018	ND	
MW-52	d	Toluene	108-88-3	ug/L	11/1/2018	ND	
MW-53	d	Toluene	108-88-3	ug/L	11/1/2018		1.52
MW-54	d	Toluene	108-88-3	ug/L	11/1/2018	ND	
MW-55	d	Toluene	108-88-3	ug/L	11/1/2018	ND	
MW-18	d	Toluene	108-88-3	ug/L	11/2/2018	ND	
MW-19	d	Toluene	108-88-3	ug/L	11/2/2018	ND	
MW-22R	d	Toluene	108-88-3	ug/L	11/2/2018	ND	
MW-28	d	Toluene	108-88-3	ug/L	11/2/2018	ND	
MW-56	d	Toluene	108-88-3	ug/L	11/2/2018	NDH	
MW-18	d	Toluene	108-88-3	ug/L	5/16/2019	ND	
MW-19	d	Toluene	108-88-3	ug/L	5/16/2019	ND	
MW-23	u	Toluene	108-88-3	ug/L	5/16/2019	ND	
MW-24R	u	Toluene	108-88-3	ug/L	5/16/2019	ND	
MW-28	d	Toluene	108-88-3	ug/L	5/16/2019	ND	
MW-55	d	Toluene	108-88-3	ug/L	5/16/2019	ND	
MW-50	d	Toluene	108-88-3	ug/L	5/20/2019	ND	
MW-51	d	Toluene	108-88-3	ug/L	5/20/2019	ND	
MW-52	d	Toluene	108-88-3	ug/L	5/20/2019	ND	
MW-54	d	Toluene	108-88-3	ug/L	5/20/2019	ND	
MW-56	d	Toluene	108-88-3	ug/L	5/20/2019	ND	
MW-53	d	Toluene	108-88-3	ug/L	5/21/2019		1.84
MW-14R	d	Toluene	108-88-3	ug/L	9/11/2019	ND	
MW-29	d	Toluene	108-88-3	ug/L	9/11/2019	ND	
MW-30R	d	Toluene	108-88-3	ug/L	9/11/2019	ND	
MW-33R	d	Toluene	108-88-3	ug/L	9/11/2019	ND	
MW-58	d	Toluene	108-88-3	ug/L	9/11/2019	ND	
GU-3A	d	Toluene	108-88-3	ug/L	3/16/2020	ND	
MW-33R	d	Toluene	108-88-3	ug/L	3/16/2020	ND	
MW-14R	d	Toluene	108-88-3	ug/L	3/17/2020	ND	
MW-29	d	Toluene	108-88-3	ug/L	3/17/2020	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	Toluene	108-88-3	ug/L	3/17/2020	ND	
MW-58	d	Toluene	108-88-3	ug/L	3/17/2020	ND	
MW-19	d	Toluene	108-88-3	ug/L	7/20/2020	ND	
MW-28	d	Toluene	108-88-3	ug/L	7/20/2020	ND	
MW-51	d	Toluene	108-88-3	ug/L	7/20/2020	ND	
MW-55	d	Toluene	108-88-3	ug/L	7/20/2020	ND	
MW-56	d	Toluene	108-88-3	ug/L	7/20/2020	ND	
MW-57R	d	Toluene	108-88-3	ug/L	7/20/2020	ND	
MW-73	d	Toluene	108-88-3	ug/L	7/20/2020	ND	
MW-18	d	Toluene	108-88-3	ug/L	7/21/2020	ND	
MW-50	d	Toluene	108-88-3	ug/L	7/21/2020	ND	
MW-52	d	Toluene	108-88-3	ug/L	7/21/2020	ND	
MW-53	d	Toluene	108-88-3	ug/L	7/21/2020		4.01
MW-54	d	Toluene	108-88-3	ug/L	7/21/2020	ND	
MW-23	u	Toluene	108-88-3	ug/L	7/22/2020	ND	
MW-24R	u	Toluene	108-88-3	ug/L	7/22/2020	ND	
MW-55	d	Toluene	108-88-3	ug/L	11/12/2020	J	0.442
MW-33R	d	Toluene	108-88-3	ug/L	8/24/2021		<1.00
MW-14R	d	Toluene	108-88-3	ug/L	8/24/2021		<1.00
MW-29	d	Toluene	108-88-3	ug/L	8/25/2021		<1.00
MW-58	d	Toluene	108-88-3	ug/L	8/25/2021		<1.00
MW-30R	d	Toluene	108-88-3	ug/L	8/25/2021		<1.00
MW-68	d	Toluene	108-88-3	ug/L	8/25/2021		<1.00
MW-69	d	Toluene	108-88-3	ug/L	8/25/2021		<1.00
MW-70	d	Toluene	108-88-3	ug/L	8/26/2021		<1.00
MW-57R	d	Toluene	108-88-3	ug/L	8/26/2021		<1.00
PZ-13	d	Toluene	108-88-3	ug/L	8/27/2021		<1.00
MW-73	d	Toluene	108-88-3	ug/L	8/27/2021		<1.00
GU-3A	d	Toluene	108-88-3	ug/L	9/8/2021		<1.00
MW-24R	u	Toluene	108-88-3	ug/L	12/7/2021		<1.00
MW-28	d	Toluene	108-88-3	ug/L	12/7/2021		<1.00
MW-57R	d	Toluene	108-88-3	ug/L	12/7/2021		<1.00
MW-73	d	Toluene	108-88-3	ug/L	12/7/2021		<1.00
MW-56	d	Toluene	108-88-3	ug/L	12/7/2021		<1.00
MW-19	d	Toluene	108-88-3	ug/L	12/7/2021		<1.00
MW-18	d	Toluene	108-88-3	ug/L	12/7/2021		<1.00
MW-55	d	Toluene	108-88-3	ug/L	12/7/2021		<1.00
MW-50	d	Toluene	108-88-3	ug/L	12/7/2021		<1.00
MW-23	u	Toluene	108-88-3	ug/L	12/8/2021		<1.00
MW-39	d	Toluene	108-88-3	ug/L	12/8/2021		<1.00
MW-51	d	Toluene	108-88-3	ug/L	12/8/2021		<1.00
MW-52	d	Toluene	108-88-3	ug/L	12/8/2021		<1.00
MW-53	d	Toluene	108-88-3	ug/L	12/8/2021		3.13
MW-54	d	Toluene	108-88-3	ug/L	12/8/2021		<1.00
MW-68	d	Total Organic Carbon	TOC	mg/L	6/30/2015		2.88
MW-69	d	Total Organic Carbon	TOC	mg/L	6/30/2015		3.05
MW-70	d	Total Organic Carbon	TOC	mg/L	6/30/2015	J	0.635
MW-72	d	Total Organic Carbon	TOC	mg/L	6/30/2015		4.16
PZ-13	d	Total Organic Carbon	TOC	mg/L	7/1/2015	J	0.866
MW-68	d	Total Organic Carbon	TOC	mg/L	9/24/2015		3.3
MW-69	d	Total Organic Carbon	TOC	mg/L	9/24/2015		3.11
MW-70	d	Total Organic Carbon	TOC	mg/L	9/25/2015	J	0.606
MW-72	d	Total Organic Carbon	TOC	mg/L	9/25/2015		3.64
PZ-13	d	Total Organic Carbon	TOC	mg/L	9/25/2015	J	0.65
MW-14R	d	Total Organic Carbon	TOC	mg/L	2/15/2016		1.39
MW-29	d	Total Organic Carbon	TOC	mg/L	2/15/2016		7.16
MW-30R	d	Total Organic Carbon	TOC	mg/L	2/15/2016		2.95
MW-31R	d	Total Organic Carbon	TOC	mg/L	2/15/2016		3.23
MW-32R	d	Total Organic Carbon	TOC	mg/L	2/15/2016		4.74
MW-33R	d	Total Organic Carbon	TOC	mg/L	2/15/2016		1.41
MW-20	d	Total Organic Carbon	TOC	mg/L	2/16/2016		1.63
MW-21	d	Total Organic Carbon	TOC	mg/L	2/16/2016		5.55
MW-26	d	Total Organic Carbon	TOC	mg/L	2/16/2016	ND	
MW-34	d	Total Organic Carbon	TOC	mg/L	2/16/2016		6.63
MW-35R	d	Total Organic Carbon	TOC	mg/L	2/16/2016	J	0.795
MW-57	d	Total Organic Carbon	TOC	mg/L	2/16/2016		6.51
MW-58	d	Total Organic Carbon	TOC	mg/L	2/16/2016		8.58
MW-68	d	Total Organic Carbon	TOC	mg/L	2/16/2016		3.2
MW-69	d	Total Organic Carbon	TOC	mg/L	2/16/2016		4.08
MW-71	d	Total Organic Carbon	TOC	mg/L	2/16/2016		7.93
PZ-13	d	Total Organic Carbon	TOC	mg/L	2/16/2016	J	0.612
MW-23	u	Total Organic Carbon	TOC	mg/L	2/17/2016		1.31
MW-24R	u	Total Organic Carbon	TOC	mg/L	2/17/2016	J	0.845
MW-43	d	Total Organic Carbon	TOC	mg/L	2/17/2016	ND	
MW-53	d	Total Organic Carbon	TOC	mg/L	2/17/2016		5.12
MW-54	d	Total Organic Carbon	TOC	mg/L	2/17/2016		11.5
MW-63	d	Total Organic Carbon	TOC	mg/L	2/17/2016	ND	
MW-64	d	Total Organic Carbon	TOC	mg/L	2/17/2016		2.95
MW-65	d	Total Organic Carbon	TOC	mg/L	2/17/2016		1.41
MW-70	d	Total Organic Carbon	TOC	mg/L	2/17/2016	J	0.616
MW-72	d	Total Organic Carbon	TOC	mg/L	2/17/2016		5.64
PZ-11	d	Total Organic Carbon	TOC	mg/L	2/17/2016		3.78
MW-52	d	Total Organic Carbon	TOC	mg/L	5/4/2016		1.75
MW-29	d	Total Organic Carbon	TOC	mg/L	8/25/2016		7.24
MW-30R	d	Total Organic Carbon	TOC	mg/L	8/25/2016		2.17
MW-31R	d	Total Organic Carbon	TOC	mg/L	8/25/2016		4.47
MW-32R	d	Total Organic Carbon	TOC	mg/L	8/25/2016		3.43

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	Total Organic Carbon	TOC	mg/L	8/25/2016		1.57
MW-52	d	Total Organic Carbon	TOC	mg/L	8/25/2016		1.09
MW-53	d	Total Organic Carbon	TOC	mg/L	8/25/2016		4.02
MW-54	d	Total Organic Carbon	TOC	mg/L	8/25/2016		5.67
MW-72	d	Total Organic Carbon	TOC	mg/L	8/25/2016		3.59
MW-70	d	Total Organic Carbon	TOC	mg/L	8/26/2016	ND	
PZ-13	d	Total Organic Carbon	TOC	mg/L	8/26/2016		1.1
MW-53	d	Total Organic Carbon	TOC	mg/L	1/17/2017		6.17
MW-54	d	Total Organic Carbon	TOC	mg/L	1/17/2017		9.43
MW-14R	d	Total Organic Carbon	TOC	mg/L	7/10/2017	J	0.942
MW-20	d	Total Organic Carbon	TOC	mg/L	7/10/2017		1.61
MW-29	d	Total Organic Carbon	TOC	mg/L	7/10/2017		9.49
MW-30R	d	Total Organic Carbon	TOC	mg/L	7/10/2017		3.2
MW-31R	d	Total Organic Carbon	TOC	mg/L	7/10/2017		4.23
MW-32R	d	Total Organic Carbon	TOC	mg/L	7/10/2017		4.19
MW-32R	d	Total Organic Carbon	TOC	mg/L	7/10/2017		3.88
MW-33R	d	Total Organic Carbon	TOC	mg/L	7/10/2017		1.61
MW-57	d	Total Organic Carbon	TOC	mg/L	7/10/2017		5.73
MW-58	d	Total Organic Carbon	TOC	mg/L	7/10/2017		9.63
MW-70	d	Total Organic Carbon	TOC	mg/L	7/10/2017	J	0.954
MW-72	d	Total Organic Carbon	TOC	mg/L	7/10/2017		4.25
PZ-13	d	Total Organic Carbon	TOC	mg/L	7/10/2017	J	0.945
MW-52	d	Total Organic Carbon	TOC	mg/L	10/17/2017		4.52
MW-14R	d	Total Organic Carbon	TOC	mg/L	4/3/2018	J	0.886
MW-20	d	Total Organic Carbon	TOC	mg/L	4/3/2018		2.23
MW-21	d	Total Organic Carbon	TOC	mg/L	4/3/2018		5.21
MW-29	d	Total Organic Carbon	TOC	mg/L	4/3/2018		11.3
MW-31R	d	Total Organic Carbon	TOC	mg/L	4/3/2018		4.19
MW-32R	d	Total Organic Carbon	TOC	mg/L	4/3/2018		2.66
MW-33R	d	Total Organic Carbon	TOC	mg/L	4/3/2018		1.53
MW-57	d	Total Organic Carbon	TOC	mg/L	4/3/2018		4.63
MW-58	d	Total Organic Carbon	TOC	mg/L	4/3/2018		9.72
MW-70	d	Total Organic Carbon	TOC	mg/L	4/3/2018	J	0.613
MW-72	d	Total Organic Carbon	TOC	mg/L	4/3/2018		3.52
PZ-13	d	Total Organic Carbon	TOC	mg/L	4/3/2018	J	0.801
MW-52	d	Total Organic Carbon	TOC	mg/L	11/1/2018		2.63
MW-53	d	Total Organic Carbon	TOC	mg/L	11/1/2018		8.85
MW-54	d	Total Organic Carbon	TOC	mg/L	11/1/2018		12.8
MW-24R	u	Total Organic Carbon	TOC	mg/L	5/16/2019		1.3
MW-52	d	Total Organic Carbon	TOC	mg/L	5/20/2019		2.24
MW-54	d	Total Organic Carbon	TOC	mg/L	5/20/2019		12.8
MW-53	d	Total Organic Carbon	TOC	mg/L	5/21/2019		7.58
MW-14R	d	Total Organic Carbon	TOC	mg/L	9/11/2019	J	0.736
MW-29	d	Total Organic Carbon	TOC	mg/L	9/11/2019		18.8
MW-30R	d	Total Organic Carbon	TOC	mg/L	9/11/2019		4.44
MW-31R	d	Total Organic Carbon	TOC	mg/L	9/11/2019		3.91
MW-32R	d	Total Organic Carbon	TOC	mg/L	9/11/2019		3.27
MW-33R	d	Total Organic Carbon	TOC	mg/L	9/11/2019		2.26
MW-58	d	Total Organic Carbon	TOC	mg/L	9/11/2019		13.3
MW-70	d	Total Organic Carbon	TOC	mg/L	9/13/2019		2.5
PZ-13	d	Total Organic Carbon	TOC	mg/L	9/13/2019		1.35
MW-31R	d	Total Organic Carbon	TOC	mg/L	3/16/2020		4.17
MW-32R	d	Total Organic Carbon	TOC	mg/L	3/16/2020		3
MW-33R	d	Total Organic Carbon	TOC	mg/L	3/16/2020		2.32
MW-14R	d	Total Organic Carbon	TOC	mg/L	3/17/2020	J	0.835
MW-29	d	Total Organic Carbon	TOC	mg/L	3/17/2020		16.4
MW-30R	d	Total Organic Carbon	TOC	mg/L	3/17/2020		4.14
MW-58	d	Total Organic Carbon	TOC	mg/L	3/17/2020		13.8
MW-70	d	Total Organic Carbon	TOC	mg/L	3/17/2020		2.22
PZ-13	d	Total Organic Carbon	TOC	mg/L	3/17/2020	J	0.972
MW-57R	d	Total Organic Carbon	TOC	mg/L	7/20/2020		6.9
MW-73	d	Total Organic Carbon	TOC	mg/L	7/20/2020		4.91
MW-52	d	Total Organic Carbon	TOC	mg/L	7/21/2020		3.01
MW-53	d	Total Organic Carbon	TOC	mg/L	7/21/2020		11.2
MW-54	d	Total Organic Carbon	TOC	mg/L	7/21/2020		13.8
MW-24R	u	Total Organic Carbon	TOC	mg/L	7/22/2020		1.24
MW-32R	d	Total Organic Carbon	TOC	mg/L	8/24/2021		2.77
MW-33R	d	Total Organic Carbon	TOC	mg/L	8/24/2021		1.59
MW-14R	d	Total Organic Carbon	TOC	mg/L	8/24/2021		1.54
MW-31R	d	Total Organic Carbon	TOC	mg/L	8/24/2021		3.93
MW-29	d	Total Organic Carbon	TOC	mg/L	8/25/2021		20.7
MW-30R	d	Total Organic Carbon	TOC	mg/L	8/25/2021		3.02
MW-70	d	Total Organic Carbon	TOC	mg/L	8/26/2021		1.98
MW-70	d	Total Organic Carbon	TOC	mg/L	8/26/2021		1.98
MW-57R	d	Total Organic Carbon	TOC	mg/L	8/26/2021		6.48
MW-73	d	Total Organic Carbon	TOC	mg/L	8/27/2021		4.08
MW-24R	u	Total Organic Carbon	TOC	mg/L	12/7/2021		1.41
MW-57R	d	Total Organic Carbon	TOC	mg/L	12/7/2021		1.89
MW-73	d	Total Organic Carbon	TOC	mg/L	12/7/2021		6
MW-52	d	Total Organic Carbon	TOC	mg/L	12/8/2021		1.49
MW-53	d	Total Organic Carbon	TOC	mg/L	12/8/2021		13.1
MW-54	d	Total Organic Carbon	TOC	mg/L	12/8/2021		15.7
SW-104	d	Total Organic Halogens	TOX	mg/L	4/3/2018		0.0446
SW-105	d	Total Organic Halogens	TOX	mg/L	4/3/2018		0.0799
SW-107	d	Total Organic Halogens	TOX	mg/L	4/3/2018	J	0.02
SW-104	d	Total Phenols	108-95-2	mg/L	4/3/2018	ND	
SW-105	d	Total Phenols	108-95-2	mg/L	4/3/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
SW-107	d	Total Phenols	108-95-2	mg/L	4/3/2018	ND	
MW-14R	d	Total Suspended Solids	TSS	mg/L	12/18/2013	ND	
MW-18	d	Total Suspended Solids	TSS	mg/L	12/18/2013		17.5
MW-19	d	Total Suspended Solids	TSS	mg/L	12/18/2013		6
MW-20	d	Total Suspended Solids	TSS	mg/L	12/18/2013		25.3
MW-21	d	Total Suspended Solids	TSS	mg/L	12/18/2013		58.3
MW-22R	d	Total Suspended Solids	TSS	mg/L	12/18/2013		280
MW-28	d	Total Suspended Solids	TSS	mg/L	12/18/2013	ND	
MW-30R	d	Total Suspended Solids	TSS	mg/L	12/18/2013		205
MW-39	d	Total Suspended Solids	TSS	mg/L	12/18/2013		10.7
MW-39	d	Total Suspended Solids	TSS	mg/L	12/18/2013		25
MW-55	d	Total Suspended Solids	TSS	mg/L	12/18/2013		11.3
GU-3A	d	Total Suspended Solids	TSS	mg/L	9/24/2014		77
MW-18	d	Total Suspended Solids	TSS	mg/L	9/24/2014	ND	
MW-23	u	Total Suspended Solids	TSS	mg/L	9/24/2014	ND	
MW-24R	u	Total Suspended Solids	TSS	mg/L	9/24/2014		4.75
MW-29	d	Total Suspended Solids	TSS	mg/L	9/24/2014		38
MW-30R	d	Total Suspended Solids	TSS	mg/L	9/24/2014		47
MW-31R	d	Total Suspended Solids	TSS	mg/L	9/24/2014		45
MW-31R	d	Total Suspended Solids	TSS	mg/L	9/24/2014		87
MW-32R	d	Total Suspended Solids	TSS	mg/L	9/24/2014		65
MW-33R	d	Total Suspended Solids	TSS	mg/L	9/24/2014		50
MW-50	d	Total Suspended Solids	TSS	mg/L	9/24/2014		9
MW-51	d	Total Suspended Solids	TSS	mg/L	9/24/2014		12
MW-52	d	Total Suspended Solids	TSS	mg/L	9/24/2014		54
MW-53	d	Total Suspended Solids	TSS	mg/L	9/24/2014		19
MW-54	d	Total Suspended Solids	TSS	mg/L	9/24/2014		60
MW-14R	d	Total Suspended Solids	TSS	mg/L	12/4/2014	ND	
MW-18	d	Total Suspended Solids	TSS	mg/L	12/4/2014	ND	
MW-19	d	Total Suspended Solids	TSS	mg/L	12/4/2014		2.67
MW-20	d	Total Suspended Solids	TSS	mg/L	12/4/2014		27
MW-21	d	Total Suspended Solids	TSS	mg/L	12/4/2014		36
MW-22R	d	Total Suspended Solids	TSS	mg/L	12/4/2014		54.3
MW-28	d	Total Suspended Solids	TSS	mg/L	12/4/2014		3.17
MW-39	d	Total Suspended Solids	TSS	mg/L	12/4/2014		37.8
MW-56	d	Total Suspended Solids	TSS	mg/L	12/4/2014		248
MW-57	d	Total Suspended Solids	TSS	mg/L	12/4/2014		812
MW-57	d	Total Suspended Solids	TSS	mg/L	12/4/2014		328
MW-58	d	Total Suspended Solids	TSS	mg/L	12/4/2014		1410
MW-14R	d	Total Suspended Solids	TSS	mg/L	3/11/2015		5
MW-18	d	Total Suspended Solids	TSS	mg/L	3/11/2015	ND	
MW-19	d	Total Suspended Solids	TSS	mg/L	3/11/2015	ND	
MW-20	d	Total Suspended Solids	TSS	mg/L	3/11/2015		28
MW-21	d	Total Suspended Solids	TSS	mg/L	3/11/2015		23
MW-22R	d	Total Suspended Solids	TSS	mg/L	3/11/2015		35.7
MW-28	d	Total Suspended Solids	TSS	mg/L	3/11/2015		2.71
MW-39	d	Total Suspended Solids	TSS	mg/L	3/11/2015		3.17
MW-55	d	Total Suspended Solids	TSS	mg/L	3/11/2015		2.83
MW-56	d	Total Suspended Solids	TSS	mg/L	3/11/2015		29.6
MW-57	d	Total Suspended Solids	TSS	mg/L	3/11/2015		43.6
MW-58	d	Total Suspended Solids	TSS	mg/L	3/11/2015		70
MW-58	d	Total Suspended Solids	TSS	mg/L	3/11/2015		43
MW-29	d	Total Suspended Solids	TSS	mg/L	6/29/2015		42.3
MW-30R	d	Total Suspended Solids	TSS	mg/L	6/29/2015		191
MW-31R	d	Total Suspended Solids	TSS	mg/L	6/29/2015		42
MW-31R	d	Total Suspended Solids	TSS	mg/L	6/29/2015		30.2
MW-32R	d	Total Suspended Solids	TSS	mg/L	6/29/2015		58.8
MW-33R	d	Total Suspended Solids	TSS	mg/L	6/29/2015		40.5
MW-50	d	Total Suspended Solids	TSS	mg/L	6/29/2015		3.63
MW-51	d	Total Suspended Solids	TSS	mg/L	6/29/2015		2.5
MW-52	d	Total Suspended Solids	TSS	mg/L	6/29/2015		103
MW-53	d	Total Suspended Solids	TSS	mg/L	6/29/2015		12.7
MW-54	d	Total Suspended Solids	TSS	mg/L	6/29/2015		46
MW-68	d	Total Suspended Solids	TSS	mg/L	6/30/2015	J	1.67
MW-69	d	Total Suspended Solids	TSS	mg/L	6/30/2015		16.8
MW-70	d	Total Suspended Solids	TSS	mg/L	6/30/2015		8.88
MW-72	d	Total Suspended Solids	TSS	mg/L	6/30/2015		48.5
PZ-13	d	Total Suspended Solids	TSS	mg/L	7/1/2015	ND	
GU-3A	d	Total Suspended Solids	TSS	mg/L	9/22/2015		606
MW-14R	d	Total Suspended Solids	TSS	mg/L	9/22/2015	ND	
MW-20	d	Total Suspended Solids	TSS	mg/L	9/22/2015		28.1
MW-21	d	Total Suspended Solids	TSS	mg/L	9/22/2015		46.9
MW-29	d	Total Suspended Solids	TSS	mg/L	9/22/2015		31.6
MW-30R	d	Total Suspended Solids	TSS	mg/L	9/22/2015		11.3
MW-31R	d	Total Suspended Solids	TSS	mg/L	9/22/2015		19.3
MW-32R	d	Total Suspended Solids	TSS	mg/L	9/22/2015		21.1
MW-33R	d	Total Suspended Solids	TSS	mg/L	9/22/2015		86
MW-52	d	Total Suspended Solids	TSS	mg/L	9/22/2015		45.3
MW-53	d	Total Suspended Solids	TSS	mg/L	9/22/2015		9.25
MW-54	d	Total Suspended Solids	TSS	mg/L	9/22/2015		35.8
MW-57	d	Total Suspended Solids	TSS	mg/L	9/22/2015		28.4
MW-58	d	Total Suspended Solids	TSS	mg/L	9/22/2015		32.3
MW-68	d	Total Suspended Solids	TSS	mg/L	9/24/2015		4.38
MW-69	d	Total Suspended Solids	TSS	mg/L	9/24/2015	J	1.5
MW-70	d	Total Suspended Solids	TSS	mg/L	9/25/2015		64
MW-72	d	Total Suspended Solids	TSS	mg/L	9/25/2015		68.3
PZ-13	d	Total Suspended Solids	TSS	mg/L	9/25/2015		2.13

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	Total Suspended Solids	TSS	mg/L	2/15/2016		24.8
MW-14R	d	Total Suspended Solids	TSS	mg/L	2/15/2016		21.8
MW-18	d	Total Suspended Solids	TSS	mg/L	2/15/2016		32.8
MW-19	d	Total Suspended Solids	TSS	mg/L	2/15/2016		19.9
MW-29	d	Total Suspended Solids	TSS	mg/L	2/15/2016		45.1
MW-30R	d	Total Suspended Solids	TSS	mg/L	2/15/2016		1270
MW-31R	d	Total Suspended Solids	TSS	mg/L	2/15/2016		1470
MW-32R	d	Total Suspended Solids	TSS	mg/L	2/15/2016		770
MW-33R	d	Total Suspended Solids	TSS	mg/L	2/15/2016		1920
MW-39	d	Total Suspended Solids	TSS	mg/L	2/15/2016		9.75
MW-20	d	Total Suspended Solids	TSS	mg/L	2/16/2016		34.6
MW-21	d	Total Suspended Solids	TSS	mg/L	2/16/2016		40.9
MW-34	d	Total Suspended Solids	TSS	mg/L	2/16/2016		79.8
MW-55	d	Total Suspended Solids	TSS	mg/L	2/16/2016		12.6
MW-56	d	Total Suspended Solids	TSS	mg/L	2/16/2016		94.4
MW-57	d	Total Suspended Solids	TSS	mg/L	2/16/2016		496
MW-58	d	Total Suspended Solids	TSS	mg/L	2/16/2016		369
MW-68	d	Total Suspended Solids	TSS	mg/L	2/16/2016		41.4
MW-69	d	Total Suspended Solids	TSS	mg/L	2/16/2016		5.37
MW-71	d	Total Suspended Solids	TSS	mg/L	2/16/2016		800
PZ-13	d	Total Suspended Solids	TSS	mg/L	2/16/2016		3
MW-22R	d	Total Suspended Solids	TSS	mg/L	2/17/2016		160
MW-23	u	Total Suspended Solids	TSS	mg/L	2/17/2016		2.5
MW-24R	u	Total Suspended Solids	TSS	mg/L	2/17/2016		16.8
MW-53	d	Total Suspended Solids	TSS	mg/L	2/17/2016		8.25
MW-54	d	Total Suspended Solids	TSS	mg/L	2/17/2016		55.3
MW-63	d	Total Suspended Solids	TSS	mg/L	2/17/2016		3.38
MW-64	d	Total Suspended Solids	TSS	mg/L	2/17/2016		4.13
MW-65	d	Total Suspended Solids	TSS	mg/L	2/17/2016	J	0.75
MW-70	d	Total Suspended Solids	TSS	mg/L	2/17/2016	J	1.25
MW-72	d	Total Suspended Solids	TSS	mg/L	2/17/2016		83.5
PZ-11	d	Total Suspended Solids	TSS	mg/L	2/17/2016		224
MW-52	d	Total Suspended Solids	TSS	mg/L	5/4/2016		83.4
MW-59	d	Total Suspended Solids	TSS	mg/L	5/4/2016	ND	
MW-60	d	Total Suspended Solids	TSS	mg/L	5/4/2016		1.88
MW-28	d	Total Suspended Solids	TSS	mg/L	8/25/2016		15.3
MW-29	d	Total Suspended Solids	TSS	mg/L	8/25/2016		12.9
MW-30R	d	Total Suspended Solids	TSS	mg/L	8/25/2016		89.1
MW-31R	d	Total Suspended Solids	TSS	mg/L	8/25/2016		39.1
MW-32R	d	Total Suspended Solids	TSS	mg/L	8/25/2016		51.9
MW-33R	d	Total Suspended Solids	TSS	mg/L	8/25/2016		63.4
MW-50	d	Total Suspended Solids	TSS	mg/L	8/25/2016		9.75
MW-51	d	Total Suspended Solids	TSS	mg/L	8/25/2016		3.75
MW-52	d	Total Suspended Solids	TSS	mg/L	8/25/2016		76.8
MW-53	d	Total Suspended Solids	TSS	mg/L	8/25/2016		8
MW-54	d	Total Suspended Solids	TSS	mg/L	8/25/2016		45.1
MW-68	d	Total Suspended Solids	TSS	mg/L	8/25/2016		8.25
MW-72	d	Total Suspended Solids	TSS	mg/L	8/25/2016		39.3
GU-3A	d	Total Suspended Solids	TSS	mg/L	8/26/2016		9
MW-69	d	Total Suspended Solids	TSS	mg/L	8/26/2016		10.6
MW-70	d	Total Suspended Solids	TSS	mg/L	8/26/2016	J	0.75
PZ-13	d	Total Suspended Solids	TSS	mg/L	8/26/2016	ND	
MW-18	d	Total Suspended Solids	TSS	mg/L	1/17/2017		6.63
MW-19	d	Total Suspended Solids	TSS	mg/L	1/17/2017		2.63
MW-22R	d	Total Suspended Solids	TSS	mg/L	1/17/2017		136
MW-23	u	Total Suspended Solids	TSS	mg/L	1/17/2017		2.75
MW-24R	u	Total Suspended Solids	TSS	mg/L	1/17/2017		8.63
MW-28	d	Total Suspended Solids	TSS	mg/L	1/17/2017		3.87
MW-28	d	Total Suspended Solids	TSS	mg/L	1/17/2017		3
MW-39	d	Total Suspended Solids	TSS	mg/L	1/17/2017		2
MW-50	d	Total Suspended Solids	TSS	mg/L	1/17/2017		16.8
MW-51	d	Total Suspended Solids	TSS	mg/L	1/17/2017		3
MW-53	d	Total Suspended Solids	TSS	mg/L	1/17/2017		5.75
MW-54	d	Total Suspended Solids	TSS	mg/L	1/17/2017		80.4
MW-56	d	Total Suspended Solids	TSS	mg/L	1/17/2017		21.1
GU-3A	d	Total Suspended Solids	TSS	mg/L	7/10/2017		534
MW-14R	d	Total Suspended Solids	TSS	mg/L	7/10/2017		1.88
MW-20	d	Total Suspended Solids	TSS	mg/L	7/10/2017		19
MW-21	d	Total Suspended Solids	TSS	mg/L	7/10/2017		28.6
MW-29	d	Total Suspended Solids	TSS	mg/L	7/10/2017		24.5
MW-30R	d	Total Suspended Solids	TSS	mg/L	7/10/2017		82
MW-31R	d	Total Suspended Solids	TSS	mg/L	7/10/2017		59
MW-32R	d	Total Suspended Solids	TSS	mg/L	7/10/2017		55
MW-32R	d	Total Suspended Solids	TSS	mg/L	7/10/2017		40
MW-33R	d	Total Suspended Solids	TSS	mg/L	7/10/2017		77
MW-57	d	Total Suspended Solids	TSS	mg/L	7/10/2017		37.5
MW-58	d	Total Suspended Solids	TSS	mg/L	7/10/2017		39
MW-59	d	Total Suspended Solids	TSS	mg/L	7/10/2017		4.67
MW-60	d	Total Suspended Solids	TSS	mg/L	7/10/2017		26.7
MW-70	d	Total Suspended Solids	TSS	mg/L	7/10/2017		6.25
MW-72	d	Total Suspended Solids	TSS	mg/L	7/10/2017		134
PZ-13	d	Total Suspended Solids	TSS	mg/L	7/10/2017	J	1.67
MW-52	d	Total Suspended Solids	TSS	mg/L	10/17/2017		278
MW-55	d	Total Suspended Solids	TSS	mg/L	10/17/2017		5.5
GU-3A	d	Total Suspended Solids	TSS	mg/L	4/3/2018		473
GU-3A	d	Total Suspended Solids	TSS	mg/L	4/3/2018		472
MW-14R	d	Total Suspended Solids	TSS	mg/L	4/3/2018		5.13

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-20	d	Total Suspended Solids	TSS	mg/L	4/3/2018		43
MW-21	d	Total Suspended Solids	TSS	mg/L	4/3/2018		69.9
MW-29	d	Total Suspended Solids	TSS	mg/L	4/3/2018		13.3
MW-30R	d	Total Suspended Solids	TSS	mg/L	4/3/2018		21.3
MW-31R	d	Total Suspended Solids	TSS	mg/L	4/3/2018		39.4
MW-32R	d	Total Suspended Solids	TSS	mg/L	4/3/2018		62.8
MW-33R	d	Total Suspended Solids	TSS	mg/L	4/3/2018		147
MW-33R	d	Total Suspended Solids	TSS	mg/L	4/3/2018		161
MW-57	d	Total Suspended Solids	TSS	mg/L	4/3/2018		601
MW-58	d	Total Suspended Solids	TSS	mg/L	4/3/2018		1190
MW-59	d	Total Suspended Solids	TSS	mg/L	4/3/2018		12.4
MW-60	d	Total Suspended Solids	TSS	mg/L	4/3/2018		2.13
MW-70	d	Total Suspended Solids	TSS	mg/L	4/3/2018		3.63
MW-72	d	Total Suspended Solids	TSS	mg/L	4/3/2018		88.9
PZ-13	d	Total Suspended Solids	TSS	mg/L	4/3/2018	J	1
SW-101	d	Total Suspended Solids	TSS	mg/L	4/3/2018		9.62
SW-102	d	Total Suspended Solids	TSS	mg/L	4/3/2018		1490
SW-103	d	Total Suspended Solids	TSS	mg/L	4/3/2018		104
SW-106	d	Total Suspended Solids	TSS	mg/L	4/3/2018		1240
SW-107	d	Total Suspended Solids	TSS	mg/L	4/3/2018		32.4
MW-62	d	Total Suspended Solids	TSS	mg/L	5/4/2018		6.25
MW-23	u	Total Suspended Solids	TSS	mg/L	11/1/2018		2.13
MW-24R	u	Total Suspended Solids	TSS	mg/L	11/1/2018	J	1.5
MW-39	d	Total Suspended Solids	TSS	mg/L	11/1/2018	J	1.5
MW-50	d	Total Suspended Solids	TSS	mg/L	11/1/2018		16.5
MW-51	d	Total Suspended Solids	TSS	mg/L	11/1/2018		6.87
MW-52	d	Total Suspended Solids	TSS	mg/L	11/1/2018		209
MW-53	d	Total Suspended Solids	TSS	mg/L	11/1/2018		21.2
MW-54	d	Total Suspended Solids	TSS	mg/L	11/1/2018		58
MW-55	d	Total Suspended Solids	TSS	mg/L	11/1/2018		2.13
MW-18	d	Total Suspended Solids	TSS	mg/L	11/2/2018		2.5
MW-19	d	Total Suspended Solids	TSS	mg/L	11/2/2018		2.25
MW-22R	d	Total Suspended Solids	TSS	mg/L	11/2/2018		112
MW-28	d	Total Suspended Solids	TSS	mg/L	11/2/2018		5
MW-56	d	Total Suspended Solids	TSS	mg/L	11/2/2018		19.2
MW-18	d	Total Suspended Solids	TSS	mg/L	5/16/2019		18.9
MW-19	d	Total Suspended Solids	TSS	mg/L	5/16/2019	J	1.38
MW-23	u	Total Suspended Solids	TSS	mg/L	5/16/2019	ND	
MW-24R	u	Total Suspended Solids	TSS	mg/L	5/16/2019		3
MW-28	d	Total Suspended Solids	TSS	mg/L	5/16/2019		5.37
MW-39	d	Total Suspended Solids	TSS	mg/L	5/16/2019	ND	
MW-55	d	Total Suspended Solids	TSS	mg/L	5/16/2019	J	1.38
MW-50	d	Total Suspended Solids	TSS	mg/L	5/20/2019		8.5
MW-51	d	Total Suspended Solids	TSS	mg/L	5/20/2019		9.38
MW-52	d	Total Suspended Solids	TSS	mg/L	5/20/2019		95.6
MW-53	d	Total Suspended Solids	TSS	mg/L	5/20/2019		24.3
MW-54	d	Total Suspended Solids	TSS	mg/L	5/20/2019		96
MW-56	d	Total Suspended Solids	TSS	mg/L	5/20/2019		32.3
MW-14R	d	Total Suspended Solids	TSS	mg/L	9/11/2019	ND	
MW-29	d	Total Suspended Solids	TSS	mg/L	9/11/2019		8
MW-30R	d	Total Suspended Solids	TSS	mg/L	9/11/2019		34.1
MW-31R	d	Total Suspended Solids	TSS	mg/L	9/11/2019		26.9
MW-32R	d	Total Suspended Solids	TSS	mg/L	9/11/2019		39.6
MW-33R	d	Total Suspended Solids	TSS	mg/L	9/11/2019		66.5
MW-58	d	Total Suspended Solids	TSS	mg/L	9/11/2019		19.5
MW-60	d	Total Suspended Solids	TSS	mg/L	9/11/2019		4.5
MW-62	d	Total Suspended Solids	TSS	mg/L	9/13/2019		4.13
MW-70	d	Total Suspended Solids	TSS	mg/L	9/13/2019		2.5
PZ-13	d	Total Suspended Solids	TSS	mg/L	9/13/2019	ND	
SW-101	d	Total Suspended Solids	TSS	mg/L	9/25/2019		12
SW-102	d	Total Suspended Solids	TSS	mg/L	9/25/2019		17.3
SW-103	d	Total Suspended Solids	TSS	mg/L	9/25/2019		102
SW-106	d	Total Suspended Solids	TSS	mg/L	9/25/2019		9
SW-107	d	Total Suspended Solids	TSS	mg/L	9/25/2019		12.3
SW-101	d	Total Suspended Solids	TSS	mg/L	3/10/2020		7
SW-102	d	Total Suspended Solids	TSS	mg/L	3/10/2020		18.9
SW-103	d	Total Suspended Solids	TSS	mg/L	3/10/2020		4
SW-106	d	Total Suspended Solids	TSS	mg/L	3/10/2020		2.88
SW-107	d	Total Suspended Solids	TSS	mg/L	3/10/2020		8.75
GU-3A	d	Total Suspended Solids	TSS	mg/L	3/16/2020		1320
MW-31R	d	Total Suspended Solids	TSS	mg/L	3/16/2020		32
MW-32R	d	Total Suspended Solids	TSS	mg/L	3/16/2020		51.5
MW-33R	d	Total Suspended Solids	TSS	mg/L	3/16/2020		224
MW-68	d	Total Suspended Solids	TSS	mg/L	3/16/2020		8.4
MW-69	d	Total Suspended Solids	TSS	mg/L	3/16/2020		18.5
MW-14R	d	Total Suspended Solids	TSS	mg/L	3/17/2020		2.88
MW-29	d	Total Suspended Solids	TSS	mg/L	3/17/2020		17.3
MW-30R	d	Total Suspended Solids	TSS	mg/L	3/17/2020		21.3
MW-58	d	Total Suspended Solids	TSS	mg/L	3/17/2020		52.5
MW-60	d	Total Suspended Solids	TSS	mg/L	3/17/2020		2.38
MW-62	d	Total Suspended Solids	TSS	mg/L	3/17/2020		2.25
MW-70	d	Total Suspended Solids	TSS	mg/L	3/17/2020	J	1.25
PZ-13	d	Total Suspended Solids	TSS	mg/L	3/17/2020	ND	
MW-19	d	Total Suspended Solids	TSS	mg/L	7/20/2020	J	1.75
MW-28	d	Total Suspended Solids	TSS	mg/L	7/20/2020		5.37
MW-51	d	Total Suspended Solids	TSS	mg/L	7/20/2020		6.38
MW-55	d	Total Suspended Solids	TSS	mg/L	7/20/2020	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	Total Suspended Solids	TSS	mg/L	7/20/2020		14.2
MW-57R	d	Total Suspended Solids	TSS	mg/L	7/20/2020		24.4
MW-73	d	Total Suspended Solids	TSS	mg/L	7/20/2020		14.9
MW-18	d	Total Suspended Solids	TSS	mg/L	7/21/2020		2.63
MW-39	d	Total Suspended Solids	TSS	mg/L	7/21/2020	ND	
MW-50	d	Total Suspended Solids	TSS	mg/L	7/21/2020		16.8
MW-52	d	Total Suspended Solids	TSS	mg/L	7/21/2020		71.5
MW-53	d	Total Suspended Solids	TSS	mg/L	7/21/2020		6.75
MW-54	d	Total Suspended Solids	TSS	mg/L	7/21/2020		49.2
MW-23	u	Total Suspended Solids	TSS	mg/L	7/22/2020	J	0.875
MW-24R	u	Total Suspended Solids	TSS	mg/L	7/22/2020	J	1.63
MW-55	d	Total Suspended Solids	TSS	mg/L	11/12/2020	ND	
MW-32R	d	Total Suspended Solids	TSS	mg/L	8/24/2021		75.4
MW-33R	d	Total Suspended Solids	TSS	mg/L	8/24/2021		43.2
MW-14R	d	Total Suspended Solids	TSS	mg/L	8/24/2021	J	1.5
MW-31R	d	Total Suspended Solids	TSS	mg/L	8/24/2021		35.5
MW-62	d	Total Suspended Solids	TSS	mg/L	8/24/2021		6
MW-29	d	Total Suspended Solids	TSS	mg/L	8/25/2021		26
MW-30R	d	Total Suspended Solids	TSS	mg/L	8/25/2021		21.6
MW-68	d	Total Suspended Solids	TSS	mg/L	8/25/2021		10.3
MW-69	d	Total Suspended Solids	TSS	mg/L	8/25/2021		22.3
MW-70	d	Total Suspended Solids	TSS	mg/L	8/26/2021		3.38
MW-60	d	Total Suspended Solids	TSS	mg/L	8/26/2021	J	1.38
MW-57R	d	Total Suspended Solids	TSS	mg/L	8/26/2021		48.3
PZ-13	d	Total Suspended Solids	TSS	mg/L	8/27/2021		<1.88
MW-73	d	Total Suspended Solids	TSS	mg/L	8/27/2021		310
SW-101	d	Total Suspended Solids	TSS	mg/L	9/8/2021		14.1
SW-102	d	Total Suspended Solids	TSS	mg/L	9/8/2021		6.62
SW-103	d	Total Suspended Solids	TSS	mg/L	9/8/2021		35.3
SW-106	d	Total Suspended Solids	TSS	mg/L	9/8/2021		374
SW-107	d	Total Suspended Solids	TSS	mg/L	9/8/2021		12.6
GU-3A	d	Total Suspended Solids	TSS	mg/L	9/8/2021		15.3
MW-24R	u	Total Suspended Solids	TSS	mg/L	12/7/2021	J	1.25
MW-28	d	Total Suspended Solids	TSS	mg/L	12/7/2021		10.4
MW-57R	d	Total Suspended Solids	TSS	mg/L	12/7/2021		57.8
MW-73	d	Total Suspended Solids	TSS	mg/L	12/7/2021		138
MW-56	d	Total Suspended Solids	TSS	mg/L	12/7/2021		17.9
MW-19	d	Total Suspended Solids	TSS	mg/L	12/7/2021	J	1
MW-18	d	Total Suspended Solids	TSS	mg/L	12/7/2021	J	1.13
MW-55	d	Total Suspended Solids	TSS	mg/L	12/7/2021		2.63
MW-50	d	Total Suspended Solids	TSS	mg/L	12/7/2021		12.9
MW-23	u	Total Suspended Solids	TSS	mg/L	12/8/2021	J	1
MW-39	d	Total Suspended Solids	TSS	mg/L	12/8/2021		3.25
MW-51	d	Total Suspended Solids	TSS	mg/L	12/8/2021		5.5
MW-52	d	Total Suspended Solids	TSS	mg/L	12/8/2021		65.8
MW-53	d	Total Suspended Solids	TSS	mg/L	12/8/2021		11.4
MW-54	d	Total Suspended Solids	TSS	mg/L	12/8/2021		37.3
MW-39	d	Toxaphene	8001-35-2	ug/L	3/11/2013	ND	
MW-31R	d	Toxaphene	8001-35-2	ug/L	9/10/2013	ND	
MW-32R	d	Toxaphene	8001-35-2	ug/L	9/10/2013	ND	
MW-18	d	Toxaphene	8001-35-2	ug/L	12/18/2013	ND	
MW-20	d	Toxaphene	8001-35-2	ug/L	12/18/2013	ND	
MW-21	d	Toxaphene	8001-35-2	ug/L	12/18/2013	ND	
MW-22R	d	Toxaphene	8001-35-2	ug/L	12/18/2013	ND	
MW-30R	d	Toxaphene	8001-35-2	ug/L	12/18/2013	ND	
MW-18	d	Toxaphene	8001-35-2	ug/L	6/24/2014	ND	
MW-29	d	Toxaphene	8001-35-2	ug/L	7/24/2014	ND	
MW-57	d	Toxaphene	8001-35-2	ug/L	7/24/2014	ND	
MW-58	d	Toxaphene	8001-35-2	ug/L	7/24/2014	ND	
MW-33R	d	Toxaphene	8001-35-2	ug/L	9/24/2014	ND	
MW-50	d	Toxaphene	8001-35-2	ug/L	9/24/2014	ND	
MW-51	d	Toxaphene	8001-35-2	ug/L	9/24/2014	ND	
MW-52	d	Toxaphene	8001-35-2	ug/L	9/24/2014	ND	
MW-53	d	Toxaphene	8001-35-2	ug/L	9/24/2014	ND	
MW-54	d	Toxaphene	8001-35-2	ug/L	9/24/2014	ND	
MW-14R	d	Toxaphene	8001-35-2	ug/L	12/4/2014	ND	
MW-19	d	Toxaphene	8001-35-2	ug/L	12/4/2014	ND	
MW-28	d	Toxaphene	8001-35-2	ug/L	12/4/2014	ND	
MW-56	d	Toxaphene	8001-35-2	ug/L	12/4/2014	ND	
MW-55	d	Toxaphene	8001-35-2	ug/L	3/11/2015	ND	
MW-20	d	Toxaphene	8001-35-2	ug/L	4/3/2018	ND	
MW-21	d	Toxaphene	8001-35-2	ug/L	4/3/2018	ND	
MW-30R	d	Toxaphene	8001-35-2	ug/L	4/3/2018	ND	
MW-31R	d	Toxaphene	8001-35-2	ug/L	4/3/2018	ND	
MW-32R	d	Toxaphene	8001-35-2	ug/L	4/3/2018	ND	
MW-39	d	Toxaphene	8001-35-2	ug/L	11/1/2018	ND	
MW-22R	d	Toxaphene	8001-35-2	ug/L	11/2/2018	ND	
MW-18	d	Toxaphene	8001-35-2	ug/L	5/16/2019	ND	
MW-28	d	Toxaphene	8001-35-2	ug/L	5/16/2019	ND	
MW-19	d	Toxaphene	8001-35-2	ug/L	5/20/2019	ND	
MW-50	d	Toxaphene	8001-35-2	ug/L	5/20/2019	ND	
MW-51	d	Toxaphene	8001-35-2	ug/L	5/20/2019	ND	
MW-52	d	Toxaphene	8001-35-2	ug/L	5/20/2019	ND	
MW-53	d	Toxaphene	8001-35-2	ug/L	5/20/2019	ND	
MW-54	d	Toxaphene	8001-35-2	ug/L	5/20/2019	ND	
MW-56	d	Toxaphene	8001-35-2	ug/L	5/20/2019	ND	
MW-14R	d	Toxaphene	8001-35-2	ug/L	9/11/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Toxaphene	8001-35-2	ug/L	9/11/2019	ND	
MW-33R	d	Toxaphene	8001-35-2	ug/L	9/11/2019	ND	
MW-58	d	Toxaphene	8001-35-2	ug/L	9/11/2019	ND	
MW-55	d	Toxaphene	8001-35-2	ug/L	11/12/2020	ND	
MW-51	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/15/2010	ND	
MW-24R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	2/11/2010	ND	
MW-53	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/11/2010	ND	
GU-3A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/24/2010	ND	
MW-20	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/24/2010	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/24/2010	ND	
MW-22R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/24/2010	ND	
MW-52	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/24/2010	ND	
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/24/2010	ND	
MW-55	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/24/2010	ND	
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2010	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2010	ND	
MW-50	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2010	ND	
MW-56	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2010	ND	
MW-57	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2010	ND	
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2010	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/18/2010	ND	
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/17/2010	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/17/2010	ND	
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/17/2010		1.54
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/17/2010		2.06
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/17/2010	ND	
MW-51	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/17/2010	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/21/2010	ND	
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/21/2010	ND	
MW-20	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/17/2010	ND	
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/17/2010		1.39
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/17/2010	ND	
MW-51	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/17/2010	ND	
GU-3A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/17/2010	ND	
MW-22R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/17/2010	ND	
MW-55	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/17/2010	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/22/2010	ND	
MW-24R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/22/2010	ND	
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/22/2010		1.77
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/22/2010	ND	
MW-50	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/22/2010	ND	
MW-53	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/22/2010	ND	
MW-56	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/22/2010	ND	
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/22/2010	ND	
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/8/2010	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/8/2010	ND	
MW-57	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/8/2010	ND	
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/15/2010	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/15/2010	ND	
MW-52	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/15/2010	ND	
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/12/2011	ND	
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/12/2011	ND	
MW-20	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/22/2011	ND	
MW-22R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/22/2011	ND	
MW-51	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/22/2011	ND	
MW-52	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/22/2011	ND	
MW-53	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/22/2011	ND	
MW-55	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/22/2011	ND	
GU-3A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/2/2011	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/2/2011	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/2/2011	ND	
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/21/2011		1.4
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/21/2011		2.36
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/21/2011	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/21/2011	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/21/2011	ND	
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/31/2011	ND	
MW-56	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/31/2011	ND	
MW-57	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/31/2011	ND	
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/31/2011	ND	
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/7/2011	ND	
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/7/2011	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/7/2011	ND	
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/7/2011	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/7/2011	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/7/2011	ND	
MW-50	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/7/2011	ND	
MW-52	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/22/2011	ND	
MW-56	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/22/2011	ND	
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/22/2011	ND	
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/29/2011	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/29/2011	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/29/2011	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/29/2011	ND	
GU-3A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/9/2011	ND	
MW-22R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/9/2011	ND	
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/9/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/9/2011		1.1
MW-51	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/9/2011	ND	
MW-53	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/9/2011	ND	
MW-53	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/9/2011	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2011	ND	
MW-50	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2011	ND	
MW-50	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2011	ND	
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2011	ND	
MW-57	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2011	ND	
MW-20	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/29/2011	ND	
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/29/2011		2.2
MW-52	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/29/2011	ND	
MW-55	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/29/2011	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/16/2011	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/16/2011	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/16/2011	ND	
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/8/2012	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/8/2012	ND	
MW-20	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/8/2012	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/8/2012	ND	
MW-22R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/8/2012	ND	
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/8/2012	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/8/2012	ND	
MW-55	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/8/2012	ND	
MW-56	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/8/2012	ND	
MW-57	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/8/2012	ND	
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/8/2012	ND	
GU-3A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/13/2012	ND	
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/13/2012		1.69
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/13/2012		3.04
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/13/2012	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/13/2012	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/13/2012	ND	
MW-50	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/13/2012	ND	
MW-50	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/13/2012	ND	
MW-51	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/13/2012	ND	
MW-52	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/13/2012	ND	
MW-53	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/13/2012	ND	
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/13/2012	ND	
GU-3A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/4/2012	ND	
MW-20	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/4/2012	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/4/2012	ND	
MW-22R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/4/2012	ND	
MW-50	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/4/2012	ND	
MW-51	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/4/2012	ND	
MW-52	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/4/2012	ND	
MW-53	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/4/2012	ND	
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/4/2012	ND	
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/4/2012	ND	
MW-57	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/4/2012	ND	
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/4/2012	ND	
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/19/2012	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/19/2012	ND	
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/19/2012	ND	
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/19/2012		1.2
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/19/2012		2.36
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/19/2012	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/19/2012	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/19/2012	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/19/2012	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/19/2012	ND	
MW-55	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/19/2012	ND	
MW-56	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/19/2012	ND	
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/11/2013	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/11/2013	ND	
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/11/2013	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/11/2013	ND	
MW-50	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/11/2013	ND	
MW-50	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/11/2013	ND	
MW-51	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/11/2013	ND	
MW-52	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/11/2013	ND	
MW-53	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/11/2013	ND	
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/11/2013	ND	
MW-55	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/11/2013	ND	
MW-56	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/11/2013	ND	
MW-20	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/10/2013	ND	
MW-20	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/10/2013	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/10/2013	ND	
MW-22R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/10/2013	ND	
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/10/2013		1.03
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/10/2013		2.28
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/10/2013	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/10/2013	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/10/2013	ND	
MW-57	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/10/2013	ND	
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/10/2013	ND	
GU-3A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/10/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/10/2013	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/10/2013	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/10/2013	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/10/2013	ND	
MW-50	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/10/2013	ND	
MW-51	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/10/2013	ND	
MW-52	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/10/2013	ND	
MW-53	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/10/2013	J	0.264
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/10/2013	ND	
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/18/2013	ND	
MW-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/18/2013	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/18/2013	ND	
MW-20	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/18/2013	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/18/2013	ND	
MW-22R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/18/2013	ND	
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/18/2013	ND	
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/18/2013		2.35
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/18/2013	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/18/2013	ND	
MW-55	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/18/2013	ND	
MW-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/20/2014	ND	
MW-20	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/20/2014	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/20/2014	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/20/2014	ND	
MW-22R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/20/2014	ND	
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/20/2014		2.25
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/20/2014	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/20/2014	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/20/2014	ND	
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/24/2014	ND	
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/24/2014	ND	
MW-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/24/2014	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/24/2014	ND	
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/24/2014	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/24/2014	ND	
MW-50	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/24/2014	ND	
MW-51	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/24/2014	ND	
MW-52	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/24/2014	ND	
MW-53	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/24/2014	J	0.214
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/24/2014	ND	
MW-55	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/24/2014	ND	
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/24/2014	ND	
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/24/2014	J	0.867
MW-56	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/24/2014	J	0.549
MW-57	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/24/2014	J	0.329
GU-3A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/24/2014	ND	
MW-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/24/2014	ND	
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/24/2014	J	0.884
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/24/2014		1.99
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/24/2014	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/24/2014	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/24/2014	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/24/2014	ND	
MW-50	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/24/2014	ND	
MW-51	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/24/2014	ND	
MW-52	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/24/2014	ND	
MW-53	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/24/2014	ND	
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/24/2014	ND	
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/4/2014	ND	
MW-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/4/2014	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/4/2014	ND	
MW-20	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/4/2014	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/4/2014	ND	
MW-22R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/4/2014	ND	
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/4/2014	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/4/2014	ND	
MW-56	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/4/2014	J	0.621
MW-57	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/4/2014	ND	
MW-57	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/4/2014	ND	
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/4/2014	ND	
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/11/2015	ND	
MW-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/11/2015	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/11/2015	ND	
MW-20	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/11/2015	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/11/2015	ND	
MW-22R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/11/2015	ND	
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/11/2015	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/11/2015	ND	
MW-55	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/11/2015	ND	
MW-56	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/11/2015	J	0.403
MW-57	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/11/2015	ND	
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/11/2015	ND	
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/11/2015	ND	
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/29/2015	J	0.853
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/29/2015		1.56
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/29/2015	ND	
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/29/2015	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/29/2015	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/29/2015	ND	
MW-50	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/29/2015	ND	
MW-51	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/29/2015	ND	
MW-52	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/29/2015	ND	
MW-53	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/29/2015	J	0.248
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/29/2015	ND	
MW-68	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/30/2015	ND	
MW-69	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/30/2015	J	0.36
PZ-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/1/2015	ND	
GU-3A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/22/2015	ND	
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/22/2015	ND	
MW-20	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/22/2015	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/22/2015	ND	
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/22/2015		1.39
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/22/2015		2.24
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/22/2015	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/22/2015	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/22/2015	ND	
MW-52	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/22/2015	ND	
MW-53	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/22/2015	ND	
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/22/2015	ND	
MW-57	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/22/2015	ND	
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/22/2015	ND	
MW-68	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/24/2015	J	0.959
MW-69	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/24/2015	ND	
PZ-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/25/2015	ND	
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2016	ND	
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2016	ND	
MW-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2016	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2016	ND	
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2016	J	0.933
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2016		1.89
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2016	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2016	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2016	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2016	ND	
MW-20	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/16/2016	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/16/2016	ND	
MW-34	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/16/2016	ND	
MW-55	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/16/2016	ND	
MW-56	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/16/2016	J	0.21
MW-57	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/16/2016	ND	
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/16/2016	ND	
MW-68	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/16/2016	J	0.526
MW-69	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/16/2016	J	0.231
PZ-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/16/2016	ND	
MW-22R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/17/2016	ND	
MW-53	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/17/2016	ND	
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/17/2016	ND	
MW-63	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/17/2016	ND	
MW-64	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/17/2016	ND	
PZ-11	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/17/2016	ND	
MW-52	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/4/2016	ND	
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/25/2016	ND	
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/25/2016		1.02
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/25/2016		1.75
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/25/2016	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/25/2016	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/25/2016	ND	
MW-50	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/25/2016	ND	
MW-51	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/25/2016	ND	
MW-52	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/25/2016	ND	
MW-53	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/25/2016	ND	
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/25/2016	ND	
MW-68	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/25/2016	J	0.512
GU-3A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/26/2016	ND	
MW-69	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/26/2016	J	0.368
MW-70	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/26/2016	ND	
PZ-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/26/2016	ND	
MW-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/17/2017	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/17/2017	ND	
MW-22R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/17/2017	ND	
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/17/2017	ND	
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/17/2017	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/17/2017	ND	
MW-50	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/17/2017	ND	
MW-51	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/17/2017	ND	
MW-53	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/17/2017	ND	
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/17/2017	ND	
MW-56	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/17/2017	J	0.367
GU-3A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/10/2017	ND	
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/10/2017	ND	
MW-20	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/10/2017	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/10/2017	ND	
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/10/2017		1.09
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/10/2017		1.71

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/10/2017	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/10/2017	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/10/2017	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/10/2017	ND	
MW-57	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/10/2017	ND	
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/10/2017	ND	
MW-52	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2017	ND	
MW-55	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2017	ND	
GU-3A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/3/2018	ND	
GU-3A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/3/2018	ND	
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/3/2018	ND	
MW-20	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/3/2018	ND	
MW-21	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/3/2018	ND	
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/3/2018		1.2
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/3/2018		1.46
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/3/2018	ND	
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/3/2018	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/3/2018	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/3/2018	ND	
MW-57	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/3/2018	ND	
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/3/2018	ND	
MW-68	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/3/2018	J	0.52
MW-69	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/3/2018	J	0.329
MW-70	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/3/2018	ND	
PZ-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/3/2018	ND	
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/1/2018	ND	
MW-50	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/1/2018	ND	
MW-51	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/1/2018	ND	
MW-52	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/1/2018	ND	
MW-53	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/1/2018	ND	
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/1/2018	ND	
MW-55	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/1/2018	ND	
MW-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/2/2018	NDF2	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/2/2018	ND	
MW-22R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/2/2018	ND	
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/2/2018	ND	
MW-56	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/2/2018	JH	0.301
MW-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/16/2019	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/16/2019	ND	
MW-23	u	trans-1,2-Dichloroethene	156-60-5	ug/L	5/16/2019	ND	
MW-24R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	5/16/2019	ND	
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/16/2019	ND	
MW-55	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/16/2019	ND	
MW-50	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/20/2019	ND	
MW-51	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/20/2019	ND	
MW-52	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/20/2019	ND	
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/20/2019	ND	
MW-56	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/20/2019	ND	
MW-53	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/21/2019	ND	
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/11/2019	ND	
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/11/2019	J	0.93
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/11/2019		1.8
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/11/2019	ND	
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/11/2019	ND	
MW-68	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/13/2019	J	5.25
MW-69	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/13/2019	J	0.311
MW-70	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/13/2019	ND	
PZ-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/13/2019	ND	
GU-3A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/16/2020	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/16/2020	ND	
MW-68	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/16/2020	J	0.294
MW-69	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/16/2020	ND	
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/17/2020	ND	
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/17/2020	J	0.912
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/17/2020		1.34
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/17/2020	ND	
MW-70	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/17/2020	ND	
PZ-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/17/2020	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/20/2020	ND	
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/20/2020	ND	
MW-51	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/20/2020	ND	
MW-55	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/20/2020	ND	
MW-56	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/20/2020	ND	
MW-57R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/20/2020	ND	
MW-73	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/20/2020	J	0.933
MW-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/21/2020	ND	
MW-50	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/21/2020	ND	
MW-52	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/21/2020	ND	
MW-53	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/21/2020	ND	
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/21/2020	ND	
MW-23	u	trans-1,2-Dichloroethene	156-60-5	ug/L	7/22/2020	ND	
MW-24R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	7/22/2020	ND	
MW-55	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/12/2020	ND	
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/24/2021		<1.00
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/24/2021		<1.00
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/25/2021	J	0.888
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/25/2021		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/25/2021		2.13
MW-68	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/25/2021	J	0.42
MW-69	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/25/2021	J	0.349
MW-70	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/26/2021		<1.00
MW-57R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/26/2021	J	0.323
PZ-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/27/2021		<1.00
MW-73	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/27/2021	J	0.42
GU-3A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/8/2021		<1.00
MW-24R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	12/7/2021		<1.00
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/7/2021		<1.00
MW-57R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/7/2021		<1.00
MW-73	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/7/2021		<1.00
MW-56	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/7/2021		1.06
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/7/2021		<1.00
MW-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/7/2021		<1.00
MW-55	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/7/2021		<1.00
MW-50	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/7/2021		<1.00
MW-23	u	trans-1,2-Dichloroethene	156-60-5	ug/L	12/8/2021		<1.00
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/8/2021		<1.00
MW-51	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/8/2021		<1.00
MW-52	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/8/2021		<1.00
MW-53	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/8/2021		<1.00
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/8/2021		<1.00
MW-51	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/15/2010	ND	
MW-24R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/11/2010	ND	
MW-53	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/11/2010	ND	
GU-3A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/24/2010	ND	
MW-20	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/24/2010	ND	
MW-21	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/24/2010	ND	
MW-22R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/24/2010	ND	
MW-52	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/24/2010	ND	
MW-54	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/24/2010	ND	
MW-55	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/24/2010	ND	
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2010	ND	
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2010	ND	
MW-50	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2010	ND	
MW-56	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2010	ND	
MW-57	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2010	ND	
MW-58	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2010	ND	
MW-32R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/18/2010	ND	
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/17/2010	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/17/2010	ND	
MW-29	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/17/2010	ND	
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/17/2010	ND	
MW-31R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/17/2010	ND	
MW-51	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/17/2010	ND	
MW-21	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/21/2010	ND	
MW-54	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/21/2010	ND	
MW-20	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/17/2010	ND	
MW-29	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/17/2010	ND	
MW-39	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/17/2010	ND	
MW-51	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/17/2010	ND	
GU-3A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/17/2010	ND	
MW-22R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/17/2010	ND	
MW-55	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/17/2010	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/22/2010	ND	
MW-24R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/22/2010	ND	
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/22/2010	ND	
MW-31R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/22/2010	ND	
MW-50	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/22/2010	ND	
MW-53	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/22/2010	ND	
MW-56	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/22/2010	ND	
MW-58	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/22/2010	ND	
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/8/2010	ND	
MW-32R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/8/2010	ND	
MW-57	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/8/2010	ND	
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/15/2010	ND	
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/15/2010	ND	
MW-52	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/15/2010	ND	
MW-54	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/12/2011	ND	
MW-54	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/12/2011	ND	
MW-20	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/22/2011	ND	
MW-22R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/22/2011	ND	
MW-51	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/22/2011	ND	
MW-52	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/22/2011	ND	
MW-53	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/22/2011	ND	
MW-55	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/22/2011	ND	
GU-3A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/2/2011	ND	
MW-21	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/2/2011	ND	
MW-21	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/2/2011	ND	
MW-29	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/21/2011	ND	
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/21/2011	ND	
MW-31R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/21/2011	ND	
MW-31R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/21/2011	ND	
MW-32R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/21/2011	ND	
MW-54	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/31/2011	ND	
MW-56	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/31/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/31/2011	ND	
MW-58	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/31/2011	ND	
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/7/2011	ND	
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/7/2011	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/7/2011	ND	
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/7/2011	ND	
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/7/2011	ND	
MW-39	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/7/2011	ND	
MW-50	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/7/2011	ND	
MW-52	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/22/2011	ND	
MW-56	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/22/2011	ND	
MW-58	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/22/2011	ND	
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/29/2011	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/29/2011	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/29/2011	ND	
MW-32R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/29/2011	ND	
GU-3A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/9/2011	ND	
MW-22R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/9/2011	ND	
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/9/2011	ND	
MW-29	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/9/2011	ND	
MW-51	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/9/2011	ND	
MW-53	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/9/2011	ND	
MW-53	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/9/2011	ND	
MW-21	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2011	ND	
MW-50	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2011	ND	
MW-50	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2011	ND	
MW-54	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2011	ND	
MW-57	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2011	ND	
MW-20	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/29/2011	ND	
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/29/2011	ND	
MW-52	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/29/2011	ND	
MW-55	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/29/2011	ND	
MW-31R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/16/2011	ND	
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/16/2011	ND	
MW-39	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/16/2011	ND	
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/8/2012	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/8/2012	ND	
MW-20	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/8/2012	ND	
MW-21	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/8/2012	ND	
MW-22R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/8/2012	ND	
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/8/2012	ND	
MW-39	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/8/2012	ND	
MW-55	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/8/2012	ND	
MW-56	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/8/2012	ND	
MW-57	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/8/2012	ND	
MW-58	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/8/2012	ND	
GU-3A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/13/2012	ND	
MW-29	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/13/2012	ND	
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/13/2012	ND	
MW-31R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/13/2012	ND	
MW-32R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/13/2012	ND	
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/13/2012	ND	
MW-50	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/13/2012	ND	
MW-50	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/13/2012	ND	
MW-51	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/13/2012	ND	
MW-52	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/13/2012	ND	
MW-53	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/13/2012	ND	
MW-54	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/13/2012	ND	
GU-3A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/4/2012	ND	
MW-20	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/4/2012	ND	
MW-21	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/4/2012	ND	
MW-22R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/4/2012	ND	
MW-50	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/4/2012	ND	
MW-51	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/4/2012	ND	
MW-52	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/4/2012	ND	
MW-53	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/4/2012	ND	
MW-54	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/4/2012	ND	
MW-54	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/4/2012	ND	
MW-57	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/4/2012	ND	
MW-58	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/4/2012	ND	
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/19/2012	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/19/2012	ND	
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/19/2012	ND	
MW-29	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/19/2012	ND	
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/19/2012	ND	
MW-31R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/19/2012	ND	
MW-32R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/19/2012	ND	
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/19/2012	ND	
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/19/2012	ND	
MW-39	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/19/2012	ND	
MW-55	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/19/2012	ND	
MW-56	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/19/2012	ND	
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/11/2013	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/11/2013	ND	
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/11/2013	ND	
MW-39	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/11/2013	ND	
MW-50	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/11/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/11/2013	ND	
MW-51	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/11/2013	ND	
MW-52	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/11/2013	ND	
MW-53	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/11/2013	ND	
MW-54	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/11/2013	ND	
MW-55	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/11/2013	ND	
MW-56	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/11/2013	ND	
MW-20	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/10/2013	ND	
MW-20	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/10/2013	ND	
MW-21	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/10/2013	ND	
MW-22R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/10/2013	ND	
MW-29	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/10/2013	ND	
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/10/2013	ND	
MW-31R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/10/2013	ND	
MW-32R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/10/2013	ND	
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/10/2013	ND	
MW-57	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/10/2013	ND	
MW-58	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/10/2013	ND	
GU-3A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/10/2013	ND	
MW-31R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/10/2013	ND	
MW-31R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/10/2013	ND	
MW-32R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/10/2013	ND	
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/10/2013	ND	
MW-50	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/10/2013	ND	
MW-51	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/10/2013	ND	
MW-52	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/10/2013	ND	
MW-53	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/10/2013	ND	
MW-54	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/10/2013	ND	
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/18/2013	ND	
MW-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/18/2013	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/18/2013	ND	
MW-20	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/18/2013	ND	
MW-21	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/18/2013	ND	
MW-22R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/18/2013	ND	
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/18/2013	ND	
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/18/2013	ND	
MW-39	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/18/2013	ND	
MW-39	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/18/2013	ND	
MW-55	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/18/2013	ND	
MW-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/20/2014	ND	
MW-20	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/20/2014	ND	
MW-21	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/20/2014	ND	
MW-21	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/20/2014	ND	
MW-22R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/20/2014	ND	
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/20/2014	ND	
MW-31R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/20/2014	ND	
MW-32R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/20/2014	ND	
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/20/2014	ND	
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/24/2014	ND	
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/24/2014	ND	
MW-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/24/2014	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/24/2014	ND	
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/24/2014	ND	
MW-39	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/24/2014	ND	
MW-50	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/24/2014	ND	
MW-51	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/24/2014	ND	
MW-52	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/24/2014	ND	
MW-53	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/24/2014	ND	
MW-54	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/24/2014	ND	
MW-55	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/24/2014	ND	
MW-58	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/24/2014	ND	
MW-29	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/24/2014	ND	
MW-56	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/24/2014	ND	
MW-57	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/24/2014	ND	
GU-3A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/24/2014	ND	
MW-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/24/2014	ND	
MW-29	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/24/2014	ND	
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/24/2014	ND	
MW-31R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/24/2014	ND	
MW-31R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/24/2014	ND	
MW-32R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/24/2014	ND	
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/24/2014	ND	
MW-50	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/24/2014	ND	
MW-51	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/24/2014	ND	
MW-52	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/24/2014	ND	
MW-53	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/24/2014	ND	
MW-54	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/24/2014	ND	
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/4/2014	ND	
MW-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/4/2014	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/4/2014	ND	
MW-20	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/4/2014	ND	
MW-21	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/4/2014	ND	
MW-22R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/4/2014	ND	
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/4/2014	ND	
MW-39	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/4/2014	ND	
MW-56	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/4/2014	ND	
MW-57	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/4/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/4/2014	ND	
MW-58	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/4/2014	ND	
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/11/2015	ND	
MW-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/11/2015	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/11/2015	ND	
MW-20	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/11/2015	ND	
MW-21	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/11/2015	ND	
MW-22R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/11/2015	ND	
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/11/2015	ND	
MW-39	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/11/2015	ND	
MW-55	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/11/2015	ND	
MW-56	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/11/2015	ND	
MW-57	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/11/2015	ND	
MW-58	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/11/2015	ND	
MW-58	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/11/2015	ND	
MW-29	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/29/2015	ND	
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/29/2015	ND	
MW-31R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/29/2015	ND	
MW-31R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/29/2015	ND	
MW-32R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/29/2015	ND	
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/29/2015	ND	
MW-50	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/29/2015	ND	
MW-51	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/29/2015	ND	
MW-52	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/29/2015	ND	
MW-53	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/29/2015	ND	
MW-54	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/29/2015	ND	
GU-3A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/22/2015	ND	
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/15/2016	ND	
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/15/2016	ND	
MW-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/15/2016	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/15/2016	ND	
MW-39	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/15/2016	ND	
MW-20	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/16/2016	ND	
MW-21	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/16/2016	ND	
MW-55	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/16/2016	ND	
MW-56	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/16/2016	ND	
MW-57	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/16/2016	ND	
MW-58	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/16/2016	ND	
MW-22R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/17/2016	ND	
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/25/2016	ND	
MW-29	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/25/2016	ND	
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/25/2016	ND	
MW-31R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/25/2016	ND	
MW-32R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/25/2016	ND	
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/25/2016	ND	
MW-50	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/25/2016	ND	
MW-51	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/25/2016	ND	
MW-52	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/25/2016	ND	
MW-53	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/25/2016	ND	
MW-54	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/25/2016	ND	
GU-3A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/26/2016	ND	
MW-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/17/2017	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/17/2017	ND	
MW-22R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/17/2017	ND	
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/17/2017	ND	
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/17/2017	ND	
MW-39	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/17/2017	ND	
MW-50	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/17/2017	ND	
MW-51	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/17/2017	ND	
MW-53	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/17/2017	ND	
MW-54	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/17/2017	ND	
MW-56	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/17/2017	ND	
GU-3A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/10/2017	ND	
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/10/2017	ND	
MW-20	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/10/2017	ND	
MW-21	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/10/2017	ND	
MW-29	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/10/2017	ND	
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/10/2017	ND	
MW-31R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/10/2017	ND	
MW-32R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/10/2017	ND	
MW-32R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/10/2017	ND	
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/10/2017	ND	
MW-57	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/10/2017	ND	
MW-58	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/10/2017	ND	
MW-52	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/17/2017	ND	
MW-55	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/17/2017	ND	
GU-3A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/3/2018	ND	
GU-3A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/3/2018	ND	
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/3/2018	ND	
MW-20	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/3/2018	ND	
MW-21	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/3/2018	ND	
MW-29	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/3/2018	ND	
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/3/2018	ND	
MW-31R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/3/2018	ND	
MW-32R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/3/2018	ND	
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/3/2018	ND	
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/3/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/3/2018	ND	
MW-58	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/3/2018	ND	
MW-39	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/1/2018	ND	
MW-50	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/1/2018	ND	
MW-51	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/1/2018	ND	
MW-52	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/1/2018	ND	
MW-53	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/1/2018	ND	
MW-54	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/1/2018	ND	
MW-55	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/1/2018	ND	
MW-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/2/2018	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/2/2018	ND	
MW-22R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/2/2018	ND	
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/2/2018	ND	
MW-56	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/2/2018	NDH	
MW-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/16/2019	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/16/2019	ND	
MW-23	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/16/2019	ND	
MW-24R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/16/2019	ND	
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/16/2019	ND	
MW-55	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/16/2019	ND	
MW-50	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/20/2019	ND	
MW-51	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/20/2019	ND	
MW-52	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/20/2019	ND	
MW-54	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/20/2019	ND	
MW-56	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/20/2019	ND	
MW-53	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/21/2019	ND	
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/11/2019	ND	
MW-29	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/11/2019	ND	
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/11/2019	ND	
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/11/2019	ND	
MW-58	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/11/2019	ND	
GU-3A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/16/2020	ND	
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/16/2020	ND	
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/17/2020	ND	
MW-29	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/17/2020	ND	
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/17/2020	ND	
MW-58	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/17/2020	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/20/2020	ND	
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/20/2020	ND	
MW-51	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/20/2020	ND	
MW-55	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/20/2020	ND	
MW-56	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/20/2020	ND	
MW-57R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/20/2020	ND	
MW-73	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/20/2020	ND	
MW-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/21/2020	ND	
MW-50	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/21/2020	ND	
MW-52	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/21/2020	ND	
MW-53	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/21/2020	ND	
MW-54	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/21/2020	ND	
MW-23	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/22/2020	ND	
MW-24R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/22/2020	ND	
MW-55	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/12/2020	ND	
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/24/2021		<5.00
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/24/2021		<5.00
MW-29	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/25/2021		<5.00
MW-58	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/25/2021		<5.00
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/25/2021		<5.00
MW-68	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/25/2021		<5.00
MW-69	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/25/2021		<5.00
MW-70	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/26/2021		<5.00
MW-57R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/26/2021		<5.00
PZ-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/27/2021		<5.00
MW-73	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/27/2021		<5.00
GU-3A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/8/2021		<5.00
MW-24R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/7/2021		<5.00
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/7/2021		<5.00
MW-57R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/7/2021		<5.00
MW-73	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/7/2021		<5.00
MW-56	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/7/2021		<5.00
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/7/2021		<5.00
MW-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/7/2021		<5.00
MW-55	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/7/2021		<5.00
MW-50	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/7/2021		<5.00
MW-23	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/8/2021		<5.00
MW-39	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/8/2021		<5.00
MW-51	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/8/2021		<5.00
MW-52	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/8/2021		<5.00
MW-53	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/8/2021		<5.00
MW-54	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/8/2021		<5.00
MW-51	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/15/2010	ND	
MW-24R	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/11/2010	ND	
MW-53	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/11/2010	ND	
GU-3A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/24/2010	ND	
MW-20	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/24/2010	ND	
MW-21	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/24/2010	ND	
MW-22R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/24/2010	ND	
MW-52	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/24/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-54	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/24/2010	ND	
MW-55	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/24/2010	ND	
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/9/2010	ND	
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/9/2010	ND	
MW-50	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/9/2010	ND	
MW-56	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/9/2010	ND	
MW-57	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/9/2010	ND	
MW-58	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/9/2010	ND	
MW-32R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/18/2010	ND	
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/17/2010	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/17/2010	ND	
MW-29	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/17/2010	ND	
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/17/2010	ND	
MW-31R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/17/2010	ND	
MW-51	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/17/2010	ND	
MW-21	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/21/2010	ND	
MW-54	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/21/2010	ND	
MW-20	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/17/2010	ND	
MW-29	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/17/2010	ND	
MW-39	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/17/2010	ND	
MW-51	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/17/2010	ND	
GU-3A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/17/2010	ND	
MW-22R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/17/2010	ND	
MW-55	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/17/2010	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/22/2010	ND	
MW-24R	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/22/2010	ND	
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/22/2010	ND	
MW-31R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/22/2010	ND	
MW-50	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/22/2010	ND	
MW-53	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/22/2010	ND	
MW-56	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/22/2010	ND	
MW-58	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/22/2010	ND	
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/8/2010	ND	
MW-32R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/8/2010	ND	
MW-57	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/8/2010	ND	
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/15/2010	ND	
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/15/2010	ND	
MW-52	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/15/2010	ND	
MW-54	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/12/2011	ND	
MW-54	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/12/2011	ND	
MW-20	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/22/2011	ND	
MW-22R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/22/2011	ND	
MW-51	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/22/2011	ND	
MW-52	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/22/2011	ND	
MW-53	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/22/2011	ND	
MW-55	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/22/2011	ND	
GU-3A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/2/2011	ND	
MW-21	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/2/2011	ND	
MW-21	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/2/2011	ND	
MW-29	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/21/2011	ND	
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/21/2011	ND	
MW-31R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/21/2011	ND	
MW-31R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/21/2011	ND	
MW-32R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/21/2011	ND	
MW-54	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/31/2011	ND	
MW-56	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/31/2011	ND	
MW-57	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/31/2011	ND	
MW-58	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/31/2011	ND	
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/7/2011	ND	
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/7/2011	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/7/2011	ND	
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/7/2011	ND	
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/7/2011	ND	
MW-39	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/7/2011	ND	
MW-50	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/7/2011	ND	
MW-52	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/22/2011	ND	
MW-56	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/22/2011	ND	
MW-58	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/22/2011	ND	
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/29/2011	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/29/2011	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/29/2011	ND	
MW-32R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/29/2011	ND	
GU-3A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/9/2011	ND	
MW-22R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/9/2011	ND	
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/9/2011	ND	
MW-29	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/9/2011	ND	
MW-51	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/9/2011	ND	
MW-53	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/9/2011	ND	
MW-53	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/9/2011	ND	
MW-21	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/4/2011	ND	
MW-50	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/4/2011	ND	
MW-50	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/4/2011	ND	
MW-54	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/4/2011	ND	
MW-57	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/4/2011	ND	
MW-20	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/29/2011	ND	
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/29/2011	ND	
MW-52	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/29/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-55	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/29/2011	ND	
MW-31R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/16/2011	ND	
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/16/2011	ND	
MW-39	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/16/2011	ND	
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/8/2012	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/8/2012	ND	
MW-20	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/8/2012	ND	
MW-21	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/8/2012	ND	
MW-22R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/8/2012	ND	
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/8/2012	ND	
MW-39	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/8/2012	ND	
MW-55	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/8/2012	ND	
MW-56	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/8/2012	ND	
MW-57	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/8/2012	ND	
MW-58	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/8/2012	ND	
GU-3A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/13/2012	ND	
MW-29	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/13/2012	ND	
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/13/2012	ND	
MW-31R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/13/2012	ND	
MW-32R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/13/2012	ND	
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/13/2012	ND	
MW-50	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/13/2012	ND	
MW-50	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/13/2012	ND	
MW-51	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/13/2012	ND	
MW-52	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/13/2012	ND	
MW-53	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/13/2012	ND	
MW-54	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/13/2012	ND	
GU-3A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/4/2012	ND	
MW-20	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/4/2012	ND	
MW-21	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/4/2012	ND	
MW-22R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/4/2012	ND	
MW-50	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/4/2012	ND	
MW-51	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/4/2012	ND	
MW-52	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/4/2012	ND	
MW-53	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/4/2012	ND	
MW-54	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/4/2012	ND	
MW-54	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/4/2012	ND	
MW-57	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/4/2012	ND	
MW-58	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/4/2012	ND	
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/19/2012	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/19/2012	ND	
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/19/2012	ND	
MW-29	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/19/2012	ND	
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/19/2012	ND	
MW-31R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/19/2012	ND	
MW-32R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/19/2012	ND	
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/19/2012	ND	
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/19/2012	ND	
MW-39	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/19/2012	ND	
MW-55	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/19/2012	ND	
MW-56	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/19/2012	ND	
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/11/2013	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/11/2013	ND	
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/11/2013	ND	
MW-39	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/11/2013	ND	
MW-50	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/11/2013	ND	
MW-50	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/11/2013	ND	
MW-51	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/11/2013	ND	
MW-52	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/11/2013	ND	
MW-53	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/11/2013	ND	
MW-54	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/11/2013	ND	
MW-55	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/11/2013	ND	
MW-56	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/11/2013	ND	
MW-20	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/10/2013	ND	
MW-20	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/10/2013	ND	
MW-21	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/10/2013	ND	
MW-22R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/10/2013	ND	
MW-29	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/10/2013	ND	
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/10/2013	ND	
MW-31R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/10/2013	ND	
MW-32R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/10/2013	ND	
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/10/2013	ND	
MW-57	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/10/2013	ND	
MW-58	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/10/2013	ND	
GU-3A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/10/2013	ND	
MW-31R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/10/2013	ND	
MW-31R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/10/2013	ND	
MW-32R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/10/2013	ND	
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/10/2013	ND	
MW-50	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/10/2013	ND	
MW-51	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/10/2013	ND	
MW-52	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/10/2013	ND	
MW-53	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/10/2013	ND	
MW-54	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/10/2013	ND	
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/18/2013	ND	
MW-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/18/2013	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/18/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-20	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/18/2013	ND	
MW-21	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/18/2013	ND	
MW-22R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/18/2013	ND	
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/18/2013	ND	
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/18/2013	ND	
MW-39	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/18/2013	ND	
MW-39	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/18/2013	ND	
MW-55	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/18/2013	ND	
MW-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/20/2014	ND	
MW-20	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/20/2014	ND	
MW-21	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/20/2014	ND	
MW-21	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/20/2014	ND	
MW-22R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/20/2014	ND	
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/20/2014	ND	
MW-31R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/20/2014	ND	
MW-32R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/20/2014	ND	
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/20/2014	ND	
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/24/2014	ND	
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/24/2014	ND	
MW-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/24/2014	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/24/2014	ND	
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/24/2014	ND	
MW-39	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/24/2014	ND	
MW-50	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/24/2014	ND	
MW-51	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/24/2014	ND	
MW-52	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/24/2014	ND	
MW-53	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/24/2014	ND	
MW-54	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/24/2014	ND	
MW-55	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/24/2014	ND	
MW-58	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/24/2014	ND	
MW-29	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/24/2014	ND	
MW-56	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/24/2014	ND	
MW-57	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/24/2014	ND	
GU-3A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/24/2014	ND	
MW-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/24/2014	ND	
MW-29	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/24/2014	ND	
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/24/2014	ND	
MW-31R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/24/2014	ND	
MW-31R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/24/2014	ND	
MW-32R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/24/2014	ND	
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/24/2014	ND	
MW-50	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/24/2014	ND	
MW-51	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/24/2014	ND	
MW-52	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/24/2014	ND	
MW-53	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/24/2014	ND	
MW-54	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/24/2014	ND	
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/4/2014	ND	
MW-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/4/2014	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/4/2014	ND	
MW-20	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/4/2014	ND	
MW-21	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/4/2014	ND	
MW-22R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/4/2014	ND	
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/4/2014	ND	
MW-39	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/4/2014	ND	
MW-56	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/4/2014	ND	
MW-57	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/4/2014	ND	
MW-57	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/4/2014	ND	
MW-58	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/4/2014	ND	
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/11/2015	ND	
MW-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/11/2015	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/11/2015	ND	
MW-20	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/11/2015	ND	
MW-21	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/11/2015	ND	
MW-22R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/11/2015	ND	
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/11/2015	ND	
MW-39	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/11/2015	ND	
MW-55	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/11/2015	ND	
MW-56	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/11/2015	ND	
MW-57	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/11/2015	ND	
MW-58	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/11/2015	ND	
MW-58	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/11/2015	ND	
MW-29	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/29/2015	ND	
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/29/2015	ND	
MW-31R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/29/2015	ND	
MW-31R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/29/2015	ND	
MW-32R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/29/2015	ND	
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/29/2015	ND	
MW-50	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/29/2015	ND	
MW-51	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/29/2015	ND	
MW-52	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/29/2015	ND	
MW-53	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/29/2015	ND	
MW-54	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/29/2015	ND	
GU-3A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/22/2015	ND	
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/15/2016	ND	
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/15/2016	ND	
MW-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/15/2016	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/15/2016	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/15/2016	ND	
MW-20	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/16/2016	ND	
MW-21	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/16/2016	ND	
MW-55	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/16/2016	ND	
MW-56	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/16/2016	ND	
MW-57	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/16/2016	ND	
MW-58	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/16/2016	ND	
MW-22R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/17/2016	ND	
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/25/2016	ND	
MW-29	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/25/2016	ND	
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/25/2016	ND	
MW-31R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/25/2016	ND	
MW-32R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/25/2016	ND	
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/25/2016	ND	
MW-50	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/25/2016	ND	
MW-51	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/25/2016	ND	
MW-52	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/25/2016	ND	
MW-53	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/25/2016	ND	
MW-54	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/25/2016	ND	
GU-3A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/26/2016	ND	
MW-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/17/2017	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/17/2017	ND	
MW-22R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/17/2017	ND	
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/17/2017	ND	
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/17/2017	ND	
MW-39	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/17/2017	ND	
MW-50	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/17/2017	ND	
MW-51	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/17/2017	ND	
MW-53	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/17/2017	ND	
MW-54	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/17/2017	ND	
MW-56	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/17/2017	ND	
GU-3A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/10/2017	ND	
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/10/2017	ND	
MW-20	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/10/2017	ND	
MW-21	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/10/2017	ND	
MW-29	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/10/2017	ND	
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/10/2017	ND	
MW-31R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/10/2017	ND	
MW-32R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/10/2017	ND	
MW-32R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/10/2017	ND	
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/10/2017	ND	
MW-57	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/10/2017	ND	
MW-58	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/10/2017	ND	
MW-52	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/17/2017	ND	
MW-55	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/17/2017	ND	
GU-3A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/3/2018	ND	
GU-3A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/3/2018	ND	
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/3/2018	ND	
MW-20	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/3/2018	ND	
MW-21	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/3/2018	ND	
MW-29	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/3/2018	ND	
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/3/2018	ND	
MW-31R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/3/2018	ND	
MW-32R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/3/2018	ND	
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/3/2018	ND	
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/3/2018	ND	
MW-57	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/3/2018	ND	
MW-58	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/3/2018	ND	
MW-39	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/1/2018	ND	
MW-50	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/1/2018	ND	
MW-51	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/1/2018	ND	
MW-52	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/1/2018	ND	
MW-53	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/1/2018	ND	
MW-54	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/1/2018	ND	
MW-55	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/1/2018	ND	
MW-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/2/2018	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/2/2018	ND	
MW-22R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/2/2018	ND	
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/2/2018	ND	
MW-56	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/2/2018	NDH	
MW-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/16/2019	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/16/2019	ND	
MW-23	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/16/2019	ND	
MW-24R	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/16/2019	ND	
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/16/2019	ND	
MW-55	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/16/2019	ND	
MW-50	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/20/2019	ND	
MW-51	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/20/2019	ND	
MW-52	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/20/2019	ND	
MW-54	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/20/2019	ND	
MW-56	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/20/2019	ND	
MW-53	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/21/2019	ND	
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/11/2019	ND	
MW-29	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/11/2019	ND	
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/11/2019	ND	
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/11/2019	ND	
MW-58	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/11/2019	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
GU-3A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/16/2020	ND	
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/16/2020	ND	
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/17/2020	ND	
MW-29	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/17/2020	ND	
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/17/2020	ND	
MW-58	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/17/2020	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/20/2020	ND	
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/20/2020	ND	
MW-51	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/20/2020	ND	
MW-55	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/20/2020	ND	
MW-56	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/20/2020	ND	
MW-57R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/20/2020	ND	
MW-73	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/20/2020	ND	
MW-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/21/2020	ND	
MW-50	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/21/2020	ND	
MW-52	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/21/2020	ND	
MW-53	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/21/2020	ND	
MW-54	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/21/2020	ND	
MW-23	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/22/2020	ND	
MW-24R	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/22/2020	ND	
MW-55	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/12/2020	ND	
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/24/2021		<10.0
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/24/2021		<10.0
MW-29	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/25/2021		<10.0
MW-58	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/25/2021		<10.0
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/25/2021		<10.0
MW-68	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/25/2021		<10.0
MW-69	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/25/2021		<10.0
MW-70	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/26/2021		<10.0
MW-57R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/26/2021		<10.0
PZ-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/27/2021		<10.0
MW-73	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/27/2021		<10.0
GU-3A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/8/2021		<10.0
MW-24R	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/7/2021		<10.0
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/7/2021		<10.0
MW-57R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/7/2021		<10.0
MW-73	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/7/2021		<10.0
MW-56	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/7/2021		<10.0
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/7/2021		<10.0
MW-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/7/2021		<10.0
MW-55	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/7/2021		<10.0
MW-50	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/7/2021		<10.0
MW-23	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/8/2021		<10.0
MW-39	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/8/2021		<10.0
MW-51	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/8/2021		<10.0
MW-52	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/8/2021		<10.0
MW-53	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/8/2021		<10.0
MW-54	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/8/2021		<10.0
MW-51	d	Trichloroethene	79-01-6	ug/L	1/15/2010	ND	
MW-24R	u	Trichloroethene	79-01-6	ug/L	2/11/2010	ND	
MW-53	d	Trichloroethene	79-01-6	ug/L	2/11/2010	ND	
GU-3A	d	Trichloroethene	79-01-6	ug/L	3/24/2010	ND	
MW-20	d	Trichloroethene	79-01-6	ug/L	3/24/2010	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	3/24/2010	ND	
MW-22R	d	Trichloroethene	79-01-6	ug/L	3/24/2010	ND	
MW-52	d	Trichloroethene	79-01-6	ug/L	3/24/2010	ND	
MW-54	d	Trichloroethene	79-01-6	ug/L	3/24/2010	ND	
MW-55	d	Trichloroethene	79-01-6	ug/L	3/24/2010	ND	
MW-28	d	Trichloroethene	79-01-6	ug/L	4/9/2010	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	4/9/2010	ND	
MW-50	d	Trichloroethene	79-01-6	ug/L	4/9/2010	ND	
MW-56	d	Trichloroethene	79-01-6	ug/L	4/9/2010	ND	
MW-57	d	Trichloroethene	79-01-6	ug/L	4/9/2010	ND	
MW-58	d	Trichloroethene	79-01-6	ug/L	4/9/2010	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	5/18/2010	ND	
MW-14R	d	Trichloroethene	79-01-6	ug/L	6/17/2010	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	6/17/2010	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	6/17/2010		5.69
MW-30R	d	Trichloroethene	79-01-6	ug/L	6/17/2010		3.84
MW-31R	d	Trichloroethene	79-01-6	ug/L	6/17/2010	ND	
MW-51	d	Trichloroethene	79-01-6	ug/L	6/17/2010	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	7/21/2010	ND	
MW-54	d	Trichloroethene	79-01-6	ug/L	7/21/2010	ND	
MW-20	d	Trichloroethene	79-01-6	ug/L	8/17/2010	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	8/17/2010		4.24
MW-39	d	Trichloroethene	79-01-6	ug/L	8/17/2010	ND	
MW-51	d	Trichloroethene	79-01-6	ug/L	8/17/2010	ND	
GU-3A	d	Trichloroethene	79-01-6	ug/L	9/17/2010	ND	
MW-22R	d	Trichloroethene	79-01-6	ug/L	9/17/2010	ND	
MW-55	d	Trichloroethene	79-01-6	ug/L	9/17/2010	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	10/22/2010	ND	
MW-24R	u	Trichloroethene	79-01-6	ug/L	10/22/2010	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	10/22/2010		3.37
MW-31R	d	Trichloroethene	79-01-6	ug/L	10/22/2010	ND	
MW-50	d	Trichloroethene	79-01-6	ug/L	10/22/2010	ND	
MW-53	d	Trichloroethene	79-01-6	ug/L	10/22/2010	ND	
MW-56	d	Trichloroethene	79-01-6	ug/L	10/22/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	Trichloroethene	79-01-6	ug/L	10/22/2010	ND	
MW-14R	d	Trichloroethene	79-01-6	ug/L	11/8/2010	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	11/8/2010	ND	
MW-57	d	Trichloroethene	79-01-6	ug/L	11/8/2010	ND	
MW-28	d	Trichloroethene	79-01-6	ug/L	12/15/2010	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	12/15/2010	ND	
MW-52	d	Trichloroethene	79-01-6	ug/L	12/15/2010	ND	
MW-54	d	Trichloroethene	79-01-6	ug/L	1/12/2011	ND	
MW-54	d	Trichloroethene	79-01-6	ug/L	1/12/2011	ND	
MW-20	d	Trichloroethene	79-01-6	ug/L	2/22/2011	ND	
MW-22R	d	Trichloroethene	79-01-6	ug/L	2/22/2011	ND	
MW-51	d	Trichloroethene	79-01-6	ug/L	2/22/2011	ND	
MW-52	d	Trichloroethene	79-01-6	ug/L	2/22/2011	ND	
MW-53	d	Trichloroethene	79-01-6	ug/L	2/22/2011	ND	
MW-55	d	Trichloroethene	79-01-6	ug/L	2/22/2011	ND	
GU-3A	d	Trichloroethene	79-01-6	ug/L	3/2/2011	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	3/2/2011	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	3/2/2011	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	4/21/2011		7.98
MW-30R	d	Trichloroethene	79-01-6	ug/L	4/21/2011		3.52
MW-31R	d	Trichloroethene	79-01-6	ug/L	4/21/2011	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	4/21/2011	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	4/21/2011	ND	
MW-54	d	Trichloroethene	79-01-6	ug/L	5/31/2011	ND	
MW-56	d	Trichloroethene	79-01-6	ug/L	5/31/2011	ND	
MW-57	d	Trichloroethene	79-01-6	ug/L	5/31/2011	ND	
MW-58	d	Trichloroethene	79-01-6	ug/L	5/31/2011	ND	
MW-14R	d	Trichloroethene	79-01-6	ug/L	6/7/2011	ND	
MW-14R	d	Trichloroethene	79-01-6	ug/L	6/7/2011	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	6/7/2011	ND	
MW-28	d	Trichloroethene	79-01-6	ug/L	6/7/2011	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	6/7/2011	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	6/7/2011	ND	
MW-50	d	Trichloroethene	79-01-6	ug/L	6/7/2011	ND	
MW-52	d	Trichloroethene	79-01-6	ug/L	7/22/2011	ND	
MW-56	d	Trichloroethene	79-01-6	ug/L	7/22/2011	ND	
MW-58	d	Trichloroethene	79-01-6	ug/L	7/22/2011	ND	
MW-14R	d	Trichloroethene	79-01-6	ug/L	8/29/2011	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	8/29/2011	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	8/29/2011	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	8/29/2011	ND	
GU-3A	d	Trichloroethene	79-01-6	ug/L	9/9/2011	ND	
MW-22R	d	Trichloroethene	79-01-6	ug/L	9/9/2011	ND	
MW-28	d	Trichloroethene	79-01-6	ug/L	9/9/2011	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	9/9/2011		5.14
MW-51	d	Trichloroethene	79-01-6	ug/L	9/9/2011		1.01
MW-53	d	Trichloroethene	79-01-6	ug/L	9/9/2011	ND	
MW-53	d	Trichloroethene	79-01-6	ug/L	9/9/2011	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	10/4/2011	ND	
MW-50	d	Trichloroethene	79-01-6	ug/L	10/4/2011	ND	
MW-50	d	Trichloroethene	79-01-6	ug/L	10/4/2011	ND	
MW-54	d	Trichloroethene	79-01-6	ug/L	10/4/2011	ND	
MW-57	d	Trichloroethene	79-01-6	ug/L	10/4/2011	ND	
MW-20	d	Trichloroethene	79-01-6	ug/L	11/29/2011	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	11/29/2011		3.83
MW-52	d	Trichloroethene	79-01-6	ug/L	11/29/2011	ND	
MW-55	d	Trichloroethene	79-01-6	ug/L	11/29/2011	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	12/16/2011	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	12/16/2011	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	12/16/2011	ND	
MW-14R	d	Trichloroethene	79-01-6	ug/L	3/8/2012	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	3/8/2012	ND	
MW-20	d	Trichloroethene	79-01-6	ug/L	3/8/2012	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	3/8/2012	ND	
MW-22R	d	Trichloroethene	79-01-6	ug/L	3/8/2012	ND	
MW-28	d	Trichloroethene	79-01-6	ug/L	3/8/2012	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	3/8/2012	ND	
MW-55	d	Trichloroethene	79-01-6	ug/L	3/8/2012	ND	
MW-56	d	Trichloroethene	79-01-6	ug/L	3/8/2012	ND	
MW-57	d	Trichloroethene	79-01-6	ug/L	3/8/2012	ND	
MW-58	d	Trichloroethene	79-01-6	ug/L	3/8/2012	ND	
GU-3A	d	Trichloroethene	79-01-6	ug/L	6/13/2012	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	6/13/2012		6.08
MW-30R	d	Trichloroethene	79-01-6	ug/L	6/13/2012		4.23
MW-31R	d	Trichloroethene	79-01-6	ug/L	6/13/2012	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	6/13/2012	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	6/13/2012	ND	
MW-50	d	Trichloroethene	79-01-6	ug/L	6/13/2012	ND	
MW-50	d	Trichloroethene	79-01-6	ug/L	6/13/2012	ND	
MW-51	d	Trichloroethene	79-01-6	ug/L	6/13/2012	ND	
MW-52	d	Trichloroethene	79-01-6	ug/L	6/13/2012	ND	
MW-53	d	Trichloroethene	79-01-6	ug/L	6/13/2012	ND	
MW-54	d	Trichloroethene	79-01-6	ug/L	6/13/2012	ND	
GU-3A	d	Trichloroethene	79-01-6	ug/L	9/4/2012	ND	
MW-20	d	Trichloroethene	79-01-6	ug/L	9/4/2012	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	9/4/2012	ND	
MW-22R	d	Trichloroethene	79-01-6	ug/L	9/4/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	Trichloroethene	79-01-6	ug/L	9/4/2012	ND	
MW-51	d	Trichloroethene	79-01-6	ug/L	9/4/2012	ND	
MW-52	d	Trichloroethene	79-01-6	ug/L	9/4/2012	ND	
MW-53	d	Trichloroethene	79-01-6	ug/L	9/4/2012	ND	
MW-54	d	Trichloroethene	79-01-6	ug/L	9/4/2012	ND	
MW-54	d	Trichloroethene	79-01-6	ug/L	9/4/2012	ND	
MW-57	d	Trichloroethene	79-01-6	ug/L	9/4/2012	ND	
MW-58	d	Trichloroethene	79-01-6	ug/L	9/4/2012	ND	
MW-14R	d	Trichloroethene	79-01-6	ug/L	12/19/2012	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	12/19/2012	ND	
MW-28	d	Trichloroethene	79-01-6	ug/L	12/19/2012	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	12/19/2012		5.81
MW-30R	d	Trichloroethene	79-01-6	ug/L	12/19/2012		3.64
MW-31R	d	Trichloroethene	79-01-6	ug/L	12/19/2012	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	12/19/2012	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	12/19/2012	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	12/19/2012	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	12/19/2012	ND	
MW-55	d	Trichloroethene	79-01-6	ug/L	12/19/2012	ND	
MW-56	d	Trichloroethene	79-01-6	ug/L	12/19/2012	ND	
MW-14R	d	Trichloroethene	79-01-6	ug/L	3/11/2013	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	3/11/2013	ND	
MW-28	d	Trichloroethene	79-01-6	ug/L	3/11/2013	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	3/11/2013	ND	
MW-50	d	Trichloroethene	79-01-6	ug/L	3/11/2013	ND	
MW-50	d	Trichloroethene	79-01-6	ug/L	3/11/2013	ND	
MW-51	d	Trichloroethene	79-01-6	ug/L	3/11/2013	ND	
MW-52	d	Trichloroethene	79-01-6	ug/L	3/11/2013	ND	
MW-53	d	Trichloroethene	79-01-6	ug/L	3/11/2013	ND	
MW-54	d	Trichloroethene	79-01-6	ug/L	3/11/2013	ND	
MW-55	d	Trichloroethene	79-01-6	ug/L	3/11/2013	ND	
MW-56	d	Trichloroethene	79-01-6	ug/L	3/11/2013	ND	
MW-20	d	Trichloroethene	79-01-6	ug/L	6/10/2013	ND	
MW-20	d	Trichloroethene	79-01-6	ug/L	6/10/2013	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	6/10/2013	ND	
MW-22R	d	Trichloroethene	79-01-6	ug/L	6/10/2013	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	6/10/2013		4.47
MW-30R	d	Trichloroethene	79-01-6	ug/L	6/10/2013		3.25
MW-31R	d	Trichloroethene	79-01-6	ug/L	6/10/2013	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	6/10/2013	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	6/10/2013	ND	
MW-57	d	Trichloroethene	79-01-6	ug/L	6/10/2013	ND	
MW-58	d	Trichloroethene	79-01-6	ug/L	6/10/2013	ND	
GU-3A	d	Trichloroethene	79-01-6	ug/L	9/10/2013	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	9/10/2013	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	9/10/2013	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	9/10/2013	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	9/10/2013	ND	
MW-50	d	Trichloroethene	79-01-6	ug/L	9/10/2013	ND	
MW-51	d	Trichloroethene	79-01-6	ug/L	9/10/2013	J	0.847
MW-52	d	Trichloroethene	79-01-6	ug/L	9/10/2013		1.07
MW-53	d	Trichloroethene	79-01-6	ug/L	9/10/2013	J	0.314
MW-54	d	Trichloroethene	79-01-6	ug/L	9/10/2013	ND	
MW-14R	d	Trichloroethene	79-01-6	ug/L	12/18/2013		1.78
MW-18	d	Trichloroethene	79-01-6	ug/L	12/18/2013	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	12/18/2013	ND	
MW-20	d	Trichloroethene	79-01-6	ug/L	12/18/2013	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	12/18/2013	ND	
MW-22R	d	Trichloroethene	79-01-6	ug/L	12/18/2013	ND	
MW-28	d	Trichloroethene	79-01-6	ug/L	12/18/2013	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	12/18/2013		4.15
MW-39	d	Trichloroethene	79-01-6	ug/L	12/18/2013	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	12/18/2013	ND	
MW-55	d	Trichloroethene	79-01-6	ug/L	12/18/2013	ND	
MW-18	d	Trichloroethene	79-01-6	ug/L	3/20/2014	ND	
MW-20	d	Trichloroethene	79-01-6	ug/L	3/20/2014	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	3/20/2014	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	3/20/2014	ND	
MW-22R	d	Trichloroethene	79-01-6	ug/L	3/20/2014	ND	
MW-30R	d	Trichloroethene	79-01-6	ug/L	3/20/2014		3.04
MW-31R	d	Trichloroethene	79-01-6	ug/L	3/20/2014	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	3/20/2014	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	3/20/2014	ND	
MW-14R	d	Trichloroethene	79-01-6	ug/L	6/24/2014		4.68
MW-14R	d	Trichloroethene	79-01-6	ug/L	6/24/2014		3.89
MW-18	d	Trichloroethene	79-01-6	ug/L	6/24/2014	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	6/24/2014	ND	
MW-28	d	Trichloroethene	79-01-6	ug/L	6/24/2014	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	6/24/2014	ND	
MW-50	d	Trichloroethene	79-01-6	ug/L	6/24/2014	ND	
MW-51	d	Trichloroethene	79-01-6	ug/L	6/24/2014	J	0.768
MW-52	d	Trichloroethene	79-01-6	ug/L	6/24/2014		1.86
MW-53	d	Trichloroethene	79-01-6	ug/L	6/24/2014	J	0.465
MW-54	d	Trichloroethene	79-01-6	ug/L	6/24/2014	ND	
MW-55	d	Trichloroethene	79-01-6	ug/L	6/24/2014	ND	
MW-58	d	Trichloroethene	79-01-6	ug/L	6/24/2014	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	7/24/2014		5

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	Trichloroethene	79-01-6	ug/L	7/24/2014	ND	
MW-57	d	Trichloroethene	79-01-6	ug/L	7/24/2014	ND	
GU-3A	d	Trichloroethene	79-01-6	ug/L	9/24/2014	ND	
MW-18	d	Trichloroethene	79-01-6	ug/L	9/24/2014	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	9/24/2014		4.05
MW-30R	d	Trichloroethene	79-01-6	ug/L	9/24/2014		2.77
MW-31R	d	Trichloroethene	79-01-6	ug/L	9/24/2014	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	9/24/2014	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	9/24/2014	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	9/24/2014	ND	
MW-50	d	Trichloroethene	79-01-6	ug/L	9/24/2014	ND	
MW-51	d	Trichloroethene	79-01-6	ug/L	9/24/2014	ND	
MW-52	d	Trichloroethene	79-01-6	ug/L	9/24/2014	J	0.657
MW-53	d	Trichloroethene	79-01-6	ug/L	9/24/2014	J	0.437
MW-54	d	Trichloroethene	79-01-6	ug/L	9/24/2014	ND	
MW-14R	d	Trichloroethene	79-01-6	ug/L	12/4/2014		2.58
MW-18	d	Trichloroethene	79-01-6	ug/L	12/4/2014	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	12/4/2014	ND	
MW-20	d	Trichloroethene	79-01-6	ug/L	12/4/2014	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	12/4/2014	ND	
MW-22R	d	Trichloroethene	79-01-6	ug/L	12/4/2014	J	0.228
MW-28	d	Trichloroethene	79-01-6	ug/L	12/4/2014	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	12/4/2014	ND	
MW-56	d	Trichloroethene	79-01-6	ug/L	12/4/2014	ND	
MW-57	d	Trichloroethene	79-01-6	ug/L	12/4/2014	ND	
MW-57	d	Trichloroethene	79-01-6	ug/L	12/4/2014	ND	
MW-58	d	Trichloroethene	79-01-6	ug/L	12/4/2014	ND	
MW-14R	d	Trichloroethene	79-01-6	ug/L	3/11/2015		1.55
MW-18	d	Trichloroethene	79-01-6	ug/L	3/11/2015	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	3/11/2015	ND	
MW-20	d	Trichloroethene	79-01-6	ug/L	3/11/2015	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	3/11/2015	ND	
MW-22R	d	Trichloroethene	79-01-6	ug/L	3/11/2015	ND	
MW-28	d	Trichloroethene	79-01-6	ug/L	3/11/2015	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	3/11/2015	ND	
MW-55	d	Trichloroethene	79-01-6	ug/L	3/11/2015	ND	
MW-56	d	Trichloroethene	79-01-6	ug/L	3/11/2015	ND	
MW-57	d	Trichloroethene	79-01-6	ug/L	3/11/2015	ND	
MW-58	d	Trichloroethene	79-01-6	ug/L	3/11/2015	ND	
MW-58	d	Trichloroethene	79-01-6	ug/L	3/11/2015	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	6/29/2015		4.77
MW-30R	d	Trichloroethene	79-01-6	ug/L	6/29/2015		2.21
MW-31R	d	Trichloroethene	79-01-6	ug/L	6/29/2015	ND	
MW-31R	d	Trichloroethene	79-01-6	ug/L	6/29/2015	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	6/29/2015	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	6/29/2015	ND	
MW-50	d	Trichloroethene	79-01-6	ug/L	6/29/2015	ND	
MW-51	d	Trichloroethene	79-01-6	ug/L	6/29/2015	J	0.85
MW-52	d	Trichloroethene	79-01-6	ug/L	6/29/2015		1.7
MW-53	d	Trichloroethene	79-01-6	ug/L	6/29/2015	J	0.459
MW-54	d	Trichloroethene	79-01-6	ug/L	6/29/2015	ND	
MW-68	d	Trichloroethene	79-01-6	ug/L	6/30/2015		1.84
MW-69	d	Trichloroethene	79-01-6	ug/L	6/30/2015	J	0.517
PZ-13	d	Trichloroethene	79-01-6	ug/L	7/1/2015	J	0.47
GU-3A	d	Trichloroethene	79-01-6	ug/L	9/22/2015	ND	
MW-14R	d	Trichloroethene	79-01-6	ug/L	9/22/2015		1.57
MW-20	d	Trichloroethene	79-01-6	ug/L	9/22/2015	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	9/22/2015	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	9/22/2015		4.77
MW-30R	d	Trichloroethene	79-01-6	ug/L	9/22/2015		3.03
MW-31R	d	Trichloroethene	79-01-6	ug/L	9/22/2015	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	9/22/2015	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	9/22/2015	ND	
MW-52	d	Trichloroethene	79-01-6	ug/L	9/22/2015		1.31
MW-53	d	Trichloroethene	79-01-6	ug/L	9/22/2015		1.04
MW-54	d	Trichloroethene	79-01-6	ug/L	9/22/2015	ND	
MW-57	d	Trichloroethene	79-01-6	ug/L	9/22/2015	ND	
MW-58	d	Trichloroethene	79-01-6	ug/L	9/22/2015	ND	
MW-68	d	Trichloroethene	79-01-6	ug/L	9/24/2015		1.05
MW-69	d	Trichloroethene	79-01-6	ug/L	9/24/2015		1.88
PZ-13	d	Trichloroethene	79-01-6	ug/L	9/25/2015	J	0.466
MW-14R	d	Trichloroethene	79-01-6	ug/L	2/15/2016	J	0.924
MW-14R	d	Trichloroethene	79-01-6	ug/L	2/15/2016	J	0.878
MW-18	d	Trichloroethene	79-01-6	ug/L	2/15/2016	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	2/15/2016	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	2/15/2016		4.12
MW-30R	d	Trichloroethene	79-01-6	ug/L	2/15/2016		2.91
MW-31R	d	Trichloroethene	79-01-6	ug/L	2/15/2016	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	2/15/2016	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	2/15/2016	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	2/15/2016	ND	
MW-20	d	Trichloroethene	79-01-6	ug/L	2/16/2016	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	2/16/2016	ND	
MW-34	d	Trichloroethene	79-01-6	ug/L	2/16/2016	ND	
MW-55	d	Trichloroethene	79-01-6	ug/L	2/16/2016	ND	
MW-56	d	Trichloroethene	79-01-6	ug/L	2/16/2016	ND	
MW-57	d	Trichloroethene	79-01-6	ug/L	2/16/2016	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	Trichloroethene	79-01-6	ug/L	2/16/2016	ND	
MW-68	d	Trichloroethene	79-01-6	ug/L	2/16/2016	J	0.367
MW-69	d	Trichloroethene	79-01-6	ug/L	2/16/2016		1.15
PZ-13	d	Trichloroethene	79-01-6	ug/L	2/16/2016	ND	
MW-22R	d	Trichloroethene	79-01-6	ug/L	2/17/2016	ND	
MW-53	d	Trichloroethene	79-01-6	ug/L	2/17/2016	J	0.246
MW-54	d	Trichloroethene	79-01-6	ug/L	2/17/2016	ND	
MW-63	d	Trichloroethene	79-01-6	ug/L	2/17/2016	ND	
MW-64	d	Trichloroethene	79-01-6	ug/L	2/17/2016	J	0.826
PZ-11	d	Trichloroethene	79-01-6	ug/L	2/17/2016	ND	
MW-52	d	Trichloroethene	79-01-6	ug/L	5/4/2016	J	0.563
MW-28	d	Trichloroethene	79-01-6	ug/L	8/25/2016	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	8/25/2016		3.23
MW-30R	d	Trichloroethene	79-01-6	ug/L	8/25/2016		2.73
MW-31R	d	Trichloroethene	79-01-6	ug/L	8/25/2016	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	8/25/2016	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	8/25/2016	ND	
MW-50	d	Trichloroethene	79-01-6	ug/L	8/25/2016	ND	
MW-51	d	Trichloroethene	79-01-6	ug/L	8/25/2016		1.1
MW-52	d	Trichloroethene	79-01-6	ug/L	8/25/2016	J	0.619
MW-53	d	Trichloroethene	79-01-6	ug/L	8/25/2016	J	0.416
MW-54	d	Trichloroethene	79-01-6	ug/L	8/25/2016	ND	
MW-68	d	Trichloroethene	79-01-6	ug/L	8/25/2016	J	0.458
GU-3A	d	Trichloroethene	79-01-6	ug/L	8/26/2016	ND	
MW-69	d	Trichloroethene	79-01-6	ug/L	8/26/2016		1.3
MW-70	d	Trichloroethene	79-01-6	ug/L	8/26/2016	ND	
PZ-13	d	Trichloroethene	79-01-6	ug/L	8/26/2016	ND	
MW-18	d	Trichloroethene	79-01-6	ug/L	1/17/2017	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	1/17/2017	ND	
MW-22R	d	Trichloroethene	79-01-6	ug/L	1/17/2017	ND	
MW-28	d	Trichloroethene	79-01-6	ug/L	1/17/2017	ND	
MW-28	d	Trichloroethene	79-01-6	ug/L	1/17/2017	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	1/17/2017	ND	
MW-50	d	Trichloroethene	79-01-6	ug/L	1/17/2017	ND	
MW-51	d	Trichloroethene	79-01-6	ug/L	1/17/2017	J	0.756
MW-53	d	Trichloroethene	79-01-6	ug/L	1/17/2017	J	0.39
MW-54	d	Trichloroethene	79-01-6	ug/L	1/17/2017	ND	
MW-56	d	Trichloroethene	79-01-6	ug/L	1/17/2017	ND	
GU-3A	d	Trichloroethene	79-01-6	ug/L	7/10/2017	ND	
MW-14R	d	Trichloroethene	79-01-6	ug/L	7/10/2017	J	0.849
MW-20	d	Trichloroethene	79-01-6	ug/L	7/10/2017	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	7/10/2017	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	7/10/2017		4.18
MW-30R	d	Trichloroethene	79-01-6	ug/L	7/10/2017		2.32
MW-31R	d	Trichloroethene	79-01-6	ug/L	7/10/2017	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	7/10/2017	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	7/10/2017	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	7/10/2017	ND	
MW-57	d	Trichloroethene	79-01-6	ug/L	7/10/2017	ND	
MW-58	d	Trichloroethene	79-01-6	ug/L	7/10/2017	ND	
MW-68	d	Trichloroethene	79-01-6	ug/L	7/10/2017	J	0.563
MW-69	d	Trichloroethene	79-01-6	ug/L	7/10/2017		1.19
MW-70	d	Trichloroethene	79-01-6	ug/L	7/10/2017	ND	
PZ-13	d	Trichloroethene	79-01-6	ug/L	7/10/2017	J	0.42
MW-52	d	Trichloroethene	79-01-6	ug/L	10/17/2017	J	0.575
MW-55	d	Trichloroethene	79-01-6	ug/L	10/17/2017	ND	
GU-3A	d	Trichloroethene	79-01-6	ug/L	4/3/2018	ND	
GU-3A	d	Trichloroethene	79-01-6	ug/L	4/3/2018	ND	
MW-14R	d	Trichloroethene	79-01-6	ug/L	4/3/2018		2.13
MW-20	d	Trichloroethene	79-01-6	ug/L	4/3/2018	ND	
MW-21	d	Trichloroethene	79-01-6	ug/L	4/3/2018	ND	
MW-29	d	Trichloroethene	79-01-6	ug/L	4/3/2018		4.13
MW-30R	d	Trichloroethene	79-01-6	ug/L	4/3/2018		2.46
MW-31R	d	Trichloroethene	79-01-6	ug/L	4/3/2018	ND	
MW-32R	d	Trichloroethene	79-01-6	ug/L	4/3/2018	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	4/3/2018	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	4/3/2018	ND	
MW-57	d	Trichloroethene	79-01-6	ug/L	4/3/2018	ND	
MW-58	d	Trichloroethene	79-01-6	ug/L	4/3/2018	ND	
MW-68	d	Trichloroethene	79-01-6	ug/L	4/3/2018	J	0.39
MW-69	d	Trichloroethene	79-01-6	ug/L	4/3/2018	J	0.739
MW-70	d	Trichloroethene	79-01-6	ug/L	4/3/2018	ND	
PZ-13	d	Trichloroethene	79-01-6	ug/L	4/3/2018	J	0.26
SW-104	d	Trichloroethene	79-01-6	ug/L	4/3/2018	ND	
SW-105	d	Trichloroethene	79-01-6	ug/L	4/3/2018	ND	
SW-107	d	Trichloroethene	79-01-6	ug/L	4/3/2018	ND	
MW-39	d	Trichloroethene	79-01-6	ug/L	11/1/2018	ND	
MW-50	d	Trichloroethene	79-01-6	ug/L	11/1/2018	ND	
MW-51	d	Trichloroethene	79-01-6	ug/L	11/1/2018	J	0.585
MW-52	d	Trichloroethene	79-01-6	ug/L	11/1/2018	ND	
MW-53	d	Trichloroethene	79-01-6	ug/L	11/1/2018	ND	
MW-54	d	Trichloroethene	79-01-6	ug/L	11/1/2018	ND	
MW-55	d	Trichloroethene	79-01-6	ug/L	11/1/2018	ND	
MW-18	d	Trichloroethene	79-01-6	ug/L	11/2/2018	NDF2	
MW-19	d	Trichloroethene	79-01-6	ug/L	11/2/2018	ND	
MW-22R	d	Trichloroethene	79-01-6	ug/L	11/2/2018	ND	
MW-28	d	Trichloroethene	79-01-6	ug/L	11/2/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	Trichloroethene	79-01-6	ug/L	11/2/2018	NDH	
MW-18	d	Trichloroethene	79-01-6	ug/L	5/16/2019	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	5/16/2019	ND	
MW-23	u	Trichloroethene	79-01-6	ug/L	5/16/2019	ND	
MW-24R	u	Trichloroethene	79-01-6	ug/L	5/16/2019	ND	
MW-28	d	Trichloroethene	79-01-6	ug/L	5/16/2019	ND	
MW-55	d	Trichloroethene	79-01-6	ug/L	5/16/2019	ND	
MW-50	d	Trichloroethene	79-01-6	ug/L	5/20/2019	ND	
MW-51	d	Trichloroethene	79-01-6	ug/L	5/20/2019	J	0.603
MW-52	d	Trichloroethene	79-01-6	ug/L	5/20/2019	J	0.702
MW-54	d	Trichloroethene	79-01-6	ug/L	5/20/2019	ND	
MW-56	d	Trichloroethene	79-01-6	ug/L	5/20/2019	ND	
MW-53	d	Trichloroethene	79-01-6	ug/L	5/21/2019	ND	
MW-14R	d	Trichloroethene	79-01-6	ug/L	9/11/2019		3.67
MW-29	d	Trichloroethene	79-01-6	ug/L	9/11/2019		4.19
MW-30R	d	Trichloroethene	79-01-6	ug/L	9/11/2019		2.52
MW-33R	d	Trichloroethene	79-01-6	ug/L	9/11/2019	ND	
MW-58	d	Trichloroethene	79-01-6	ug/L	9/11/2019	ND	
MW-68	d	Trichloroethene	79-01-6	ug/L	9/13/2019	ND	
MW-69	d	Trichloroethene	79-01-6	ug/L	9/13/2019	ND	
MW-70	d	Trichloroethene	79-01-6	ug/L	9/13/2019	ND	
PZ-13	d	Trichloroethene	79-01-6	ug/L	9/13/2019	ND	
GU-3A	d	Trichloroethene	79-01-6	ug/L	3/16/2020	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	3/16/2020	ND	
MW-68	d	Trichloroethene	79-01-6	ug/L	3/16/2020	ND	
MW-69	d	Trichloroethene	79-01-6	ug/L	3/16/2020	ND	
MW-14R	d	Trichloroethene	79-01-6	ug/L	3/17/2020		8.41
MW-29	d	Trichloroethene	79-01-6	ug/L	3/17/2020		2.23
MW-30R	d	Trichloroethene	79-01-6	ug/L	3/17/2020		2.44
MW-58	d	Trichloroethene	79-01-6	ug/L	3/17/2020	ND	
MW-70	d	Trichloroethene	79-01-6	ug/L	3/17/2020	ND	
PZ-13	d	Trichloroethene	79-01-6	ug/L	3/17/2020	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	7/20/2020	ND	
MW-28	d	Trichloroethene	79-01-6	ug/L	7/20/2020	ND	
MW-51	d	Trichloroethene	79-01-6	ug/L	7/20/2020	J	0.609
MW-55	d	Trichloroethene	79-01-6	ug/L	7/20/2020	ND	
MW-56	d	Trichloroethene	79-01-6	ug/L	7/20/2020	ND	
MW-57R	d	Trichloroethene	79-01-6	ug/L	7/20/2020	ND	
MW-73	d	Trichloroethene	79-01-6	ug/L	7/20/2020	ND	
MW-18	d	Trichloroethene	79-01-6	ug/L	7/21/2020	ND	
MW-50	d	Trichloroethene	79-01-6	ug/L	7/21/2020	ND	
MW-52	d	Trichloroethene	79-01-6	ug/L	7/21/2020	ND	
MW-53	d	Trichloroethene	79-01-6	ug/L	7/21/2020	ND	
MW-54	d	Trichloroethene	79-01-6	ug/L	7/21/2020	ND	
MW-23	u	Trichloroethene	79-01-6	ug/L	7/22/2020	ND	
MW-24R	u	Trichloroethene	79-01-6	ug/L	7/22/2020	ND	
MW-55	d	Trichloroethene	79-01-6	ug/L	11/12/2020	ND	
MW-33R	d	Trichloroethene	79-01-6	ug/L	8/24/2021		<1.00
MW-14R	d	Trichloroethene	79-01-6	ug/L	8/24/2021		4.6
MW-29	d	Trichloroethene	79-01-6	ug/L	8/25/2021		1.69
MW-58	d	Trichloroethene	79-01-6	ug/L	8/25/2021		<1.00
MW-30R	d	Trichloroethene	79-01-6	ug/L	8/25/2021		3.38
MW-68	d	Trichloroethene	79-01-6	ug/L	8/25/2021		<1.00
MW-69	d	Trichloroethene	79-01-6	ug/L	8/25/2021		<1.00
MW-70	d	Trichloroethene	79-01-6	ug/L	8/26/2021		<1.00
MW-57R	d	Trichloroethene	79-01-6	ug/L	8/26/2021		<1.00
PZ-13	d	Trichloroethene	79-01-6	ug/L	8/27/2021		<1.00
MW-73	d	Trichloroethene	79-01-6	ug/L	8/27/2021		<1.00
GU-3A	d	Trichloroethene	79-01-6	ug/L	9/8/2021		<1.00
MW-24R	u	Trichloroethene	79-01-6	ug/L	12/7/2021		<1.00
MW-28	d	Trichloroethene	79-01-6	ug/L	12/7/2021		<1.00
MW-57R	d	Trichloroethene	79-01-6	ug/L	12/7/2021		<1.00
MW-73	d	Trichloroethene	79-01-6	ug/L	12/7/2021		<1.00
MW-56	d	Trichloroethene	79-01-6	ug/L	12/7/2021		<1.00
MW-19	d	Trichloroethene	79-01-6	ug/L	12/7/2021		<1.00
MW-18	d	Trichloroethene	79-01-6	ug/L	12/7/2021		<1.00
MW-55	d	Trichloroethene	79-01-6	ug/L	12/7/2021		<1.00
MW-50	d	Trichloroethene	79-01-6	ug/L	12/7/2021		<1.00
MW-23	u	Trichloroethene	79-01-6	ug/L	12/8/2021		<1.00
MW-39	d	Trichloroethene	79-01-6	ug/L	12/8/2021		<1.00
MW-51	d	Trichloroethene	79-01-6	ug/L	12/8/2021		<1.00
MW-52	d	Trichloroethene	79-01-6	ug/L	12/8/2021		<1.00
MW-53	d	Trichloroethene	79-01-6	ug/L	12/8/2021		<1.00
MW-54	d	Trichloroethene	79-01-6	ug/L	12/8/2021		<1.00
MW-51	d	Trichlorofluoromethane	75-69-4	ug/L	1/15/2010	ND	
MW-24R	u	Trichlorofluoromethane	75-69-4	ug/L	2/11/2010	ND	
MW-53	d	Trichlorofluoromethane	75-69-4	ug/L	2/11/2010	ND	
GU-3A	d	Trichlorofluoromethane	75-69-4	ug/L	3/24/2010	ND	
MW-20	d	Trichlorofluoromethane	75-69-4	ug/L	3/24/2010	ND	
MW-21	d	Trichlorofluoromethane	75-69-4	ug/L	3/24/2010	ND	
MW-22R	d	Trichlorofluoromethane	75-69-4	ug/L	3/24/2010	ND	
MW-52	d	Trichlorofluoromethane	75-69-4	ug/L	3/24/2010	ND	
MW-54	d	Trichlorofluoromethane	75-69-4	ug/L	3/24/2010	ND	
MW-55	d	Trichlorofluoromethane	75-69-4	ug/L	3/24/2010	ND	
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	4/9/2010	ND	
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	4/9/2010	ND	
MW-50	d	Trichlorofluoromethane	75-69-4	ug/L	4/9/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	Trichlorofluoromethane	75-69-4	ug/L	4/9/2010	ND	
MW-57	d	Trichlorofluoromethane	75-69-4	ug/L	4/9/2010	ND	
MW-58	d	Trichlorofluoromethane	75-69-4	ug/L	4/9/2010	ND	
MW-32R	d	Trichlorofluoromethane	75-69-4	ug/L	5/18/2010	ND	
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	6/17/2010	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	6/17/2010	ND	
MW-29	d	Trichlorofluoromethane	75-69-4	ug/L	6/17/2010	ND	
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	6/17/2010	ND	
MW-31R	d	Trichlorofluoromethane	75-69-4	ug/L	6/17/2010	ND	
MW-51	d	Trichlorofluoromethane	75-69-4	ug/L	6/17/2010	ND	
MW-21	d	Trichlorofluoromethane	75-69-4	ug/L	7/21/2010	ND	
MW-54	d	Trichlorofluoromethane	75-69-4	ug/L	7/21/2010	ND	
MW-20	d	Trichlorofluoromethane	75-69-4	ug/L	8/17/2010	ND	
MW-29	d	Trichlorofluoromethane	75-69-4	ug/L	8/17/2010	ND	
MW-39	d	Trichlorofluoromethane	75-69-4	ug/L	8/17/2010	ND	
MW-51	d	Trichlorofluoromethane	75-69-4	ug/L	8/17/2010	ND	
GU-3A	d	Trichlorofluoromethane	75-69-4	ug/L	9/17/2010	ND	
MW-22R	d	Trichlorofluoromethane	75-69-4	ug/L	9/17/2010	ND	
MW-55	d	Trichlorofluoromethane	75-69-4	ug/L	9/17/2010	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	10/22/2010	ND	
MW-24R	u	Trichlorofluoromethane	75-69-4	ug/L	10/22/2010	ND	
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	10/22/2010	ND	
MW-31R	d	Trichlorofluoromethane	75-69-4	ug/L	10/22/2010	ND	
MW-50	d	Trichlorofluoromethane	75-69-4	ug/L	10/22/2010	ND	
MW-53	d	Trichlorofluoromethane	75-69-4	ug/L	10/22/2010	ND	
MW-56	d	Trichlorofluoromethane	75-69-4	ug/L	10/22/2010	ND	
MW-58	d	Trichlorofluoromethane	75-69-4	ug/L	10/22/2010	ND	
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	11/8/2010	ND	
MW-32R	d	Trichlorofluoromethane	75-69-4	ug/L	11/8/2010	ND	
MW-57	d	Trichlorofluoromethane	75-69-4	ug/L	11/8/2010	ND	
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	12/15/2010	ND	
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	12/15/2010	ND	
MW-52	d	Trichlorofluoromethane	75-69-4	ug/L	12/15/2010	ND	
MW-54	d	Trichlorofluoromethane	75-69-4	ug/L	1/12/2011	ND	
MW-54	d	Trichlorofluoromethane	75-69-4	ug/L	1/12/2011	ND	
MW-20	d	Trichlorofluoromethane	75-69-4	ug/L	2/22/2011	ND	
MW-22R	d	Trichlorofluoromethane	75-69-4	ug/L	2/22/2011	ND	
MW-51	d	Trichlorofluoromethane	75-69-4	ug/L	2/22/2011	ND	
MW-52	d	Trichlorofluoromethane	75-69-4	ug/L	2/22/2011	ND	
MW-53	d	Trichlorofluoromethane	75-69-4	ug/L	2/22/2011	ND	
MW-55	d	Trichlorofluoromethane	75-69-4	ug/L	2/22/2011	ND	
GU-3A	d	Trichlorofluoromethane	75-69-4	ug/L	3/2/2011	ND	
MW-21	d	Trichlorofluoromethane	75-69-4	ug/L	3/2/2011	ND	
MW-21	d	Trichlorofluoromethane	75-69-4	ug/L	3/2/2011	ND	
MW-29	d	Trichlorofluoromethane	75-69-4	ug/L	4/21/2011	ND	
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	4/21/2011	ND	
MW-31R	d	Trichlorofluoromethane	75-69-4	ug/L	4/21/2011	ND	
MW-31R	d	Trichlorofluoromethane	75-69-4	ug/L	4/21/2011	ND	
MW-32R	d	Trichlorofluoromethane	75-69-4	ug/L	4/21/2011	ND	
MW-54	d	Trichlorofluoromethane	75-69-4	ug/L	5/31/2011	ND	
MW-56	d	Trichlorofluoromethane	75-69-4	ug/L	5/31/2011	ND	
MW-57	d	Trichlorofluoromethane	75-69-4	ug/L	5/31/2011	ND	
MW-58	d	Trichlorofluoromethane	75-69-4	ug/L	5/31/2011	ND	
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	6/7/2011	ND	
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	6/7/2011	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	6/7/2011	ND	
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	6/7/2011	ND	
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	6/7/2011	ND	
MW-39	d	Trichlorofluoromethane	75-69-4	ug/L	6/7/2011	ND	
MW-50	d	Trichlorofluoromethane	75-69-4	ug/L	6/7/2011	ND	
MW-52	d	Trichlorofluoromethane	75-69-4	ug/L	7/22/2011	ND	
MW-56	d	Trichlorofluoromethane	75-69-4	ug/L	7/22/2011	ND	
MW-58	d	Trichlorofluoromethane	75-69-4	ug/L	7/22/2011	ND	
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	8/29/2011	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	8/29/2011	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	8/29/2011	ND	
MW-32R	d	Trichlorofluoromethane	75-69-4	ug/L	8/29/2011	ND	
GU-3A	d	Trichlorofluoromethane	75-69-4	ug/L	9/9/2011	ND	
MW-22R	d	Trichlorofluoromethane	75-69-4	ug/L	9/9/2011	ND	
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	9/9/2011	ND	
MW-29	d	Trichlorofluoromethane	75-69-4	ug/L	9/9/2011	ND	
MW-51	d	Trichlorofluoromethane	75-69-4	ug/L	9/9/2011	ND	
MW-53	d	Trichlorofluoromethane	75-69-4	ug/L	9/9/2011	ND	
MW-53	d	Trichlorofluoromethane	75-69-4	ug/L	9/9/2011	ND	
MW-21	d	Trichlorofluoromethane	75-69-4	ug/L	10/4/2011	ND	
MW-50	d	Trichlorofluoromethane	75-69-4	ug/L	10/4/2011	ND	
MW-50	d	Trichlorofluoromethane	75-69-4	ug/L	10/4/2011	ND	
MW-54	d	Trichlorofluoromethane	75-69-4	ug/L	10/4/2011	ND	
MW-57	d	Trichlorofluoromethane	75-69-4	ug/L	10/4/2011	ND	
MW-20	d	Trichlorofluoromethane	75-69-4	ug/L	11/29/2011	ND	
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	11/29/2011	ND	
MW-52	d	Trichlorofluoromethane	75-69-4	ug/L	11/29/2011	ND	
MW-55	d	Trichlorofluoromethane	75-69-4	ug/L	11/29/2011	ND	
MW-31R	d	Trichlorofluoromethane	75-69-4	ug/L	12/16/2011	ND	
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	12/16/2011	ND	
MW-39	d	Trichlorofluoromethane	75-69-4	ug/L	12/16/2011	ND	
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	3/8/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	3/8/2012	ND	
MW-20	d	Trichlorofluoromethane	75-69-4	ug/L	3/8/2012	ND	
MW-21	d	Trichlorofluoromethane	75-69-4	ug/L	3/8/2012	ND	
MW-22R	d	Trichlorofluoromethane	75-69-4	ug/L	3/8/2012	ND	
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	3/8/2012	ND	
MW-39	d	Trichlorofluoromethane	75-69-4	ug/L	3/8/2012	ND	
MW-55	d	Trichlorofluoromethane	75-69-4	ug/L	3/8/2012	ND	
MW-56	d	Trichlorofluoromethane	75-69-4	ug/L	3/8/2012	ND	
MW-57	d	Trichlorofluoromethane	75-69-4	ug/L	3/8/2012	ND	
MW-58	d	Trichlorofluoromethane	75-69-4	ug/L	3/8/2012	ND	
GU-3A	d	Trichlorofluoromethane	75-69-4	ug/L	6/13/2012	ND	
MW-29	d	Trichlorofluoromethane	75-69-4	ug/L	6/13/2012	ND	
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	6/13/2012	ND	
MW-31R	d	Trichlorofluoromethane	75-69-4	ug/L	6/13/2012	ND	
MW-32R	d	Trichlorofluoromethane	75-69-4	ug/L	6/13/2012	ND	
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	6/13/2012	ND	
MW-50	d	Trichlorofluoromethane	75-69-4	ug/L	6/13/2012	ND	
MW-50	d	Trichlorofluoromethane	75-69-4	ug/L	6/13/2012	ND	
MW-51	d	Trichlorofluoromethane	75-69-4	ug/L	6/13/2012	ND	
MW-52	d	Trichlorofluoromethane	75-69-4	ug/L	6/13/2012	ND	
MW-53	d	Trichlorofluoromethane	75-69-4	ug/L	6/13/2012	ND	
MW-54	d	Trichlorofluoromethane	75-69-4	ug/L	6/13/2012	ND	
GU-3A	d	Trichlorofluoromethane	75-69-4	ug/L	9/4/2012	ND	
MW-20	d	Trichlorofluoromethane	75-69-4	ug/L	9/4/2012	ND	
MW-21	d	Trichlorofluoromethane	75-69-4	ug/L	9/4/2012	ND	
MW-22R	d	Trichlorofluoromethane	75-69-4	ug/L	9/4/2012	ND	
MW-50	d	Trichlorofluoromethane	75-69-4	ug/L	9/4/2012	ND	
MW-51	d	Trichlorofluoromethane	75-69-4	ug/L	9/4/2012	ND	
MW-52	d	Trichlorofluoromethane	75-69-4	ug/L	9/4/2012	ND	
MW-53	d	Trichlorofluoromethane	75-69-4	ug/L	9/4/2012	ND	
MW-54	d	Trichlorofluoromethane	75-69-4	ug/L	9/4/2012	ND	
MW-54	d	Trichlorofluoromethane	75-69-4	ug/L	9/4/2012	ND	
MW-57	d	Trichlorofluoromethane	75-69-4	ug/L	9/4/2012	ND	
MW-58	d	Trichlorofluoromethane	75-69-4	ug/L	9/4/2012	ND	
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	12/19/2012	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	12/19/2012	ND	
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	12/19/2012	ND	
MW-29	d	Trichlorofluoromethane	75-69-4	ug/L	12/19/2012	ND	
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	12/19/2012	ND	
MW-31R	d	Trichlorofluoromethane	75-69-4	ug/L	12/19/2012	ND	
MW-32R	d	Trichlorofluoromethane	75-69-4	ug/L	12/19/2012	ND	
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	12/19/2012	ND	
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	12/19/2012	ND	
MW-39	d	Trichlorofluoromethane	75-69-4	ug/L	12/19/2012	ND	
MW-55	d	Trichlorofluoromethane	75-69-4	ug/L	12/19/2012	ND	
MW-56	d	Trichlorofluoromethane	75-69-4	ug/L	12/19/2012	ND	
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	3/11/2013	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	3/11/2013	ND	
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	3/11/2013	ND	
MW-39	d	Trichlorofluoromethane	75-69-4	ug/L	3/11/2013	ND	
MW-50	d	Trichlorofluoromethane	75-69-4	ug/L	3/11/2013	ND	
MW-50	d	Trichlorofluoromethane	75-69-4	ug/L	3/11/2013	ND	
MW-51	d	Trichlorofluoromethane	75-69-4	ug/L	3/11/2013	ND	
MW-52	d	Trichlorofluoromethane	75-69-4	ug/L	3/11/2013	ND	
MW-53	d	Trichlorofluoromethane	75-69-4	ug/L	3/11/2013	ND	
MW-54	d	Trichlorofluoromethane	75-69-4	ug/L	3/11/2013	ND	
MW-55	d	Trichlorofluoromethane	75-69-4	ug/L	3/11/2013	ND	
MW-56	d	Trichlorofluoromethane	75-69-4	ug/L	3/11/2013	ND	
MW-20	d	Trichlorofluoromethane	75-69-4	ug/L	6/10/2013	ND	
MW-20	d	Trichlorofluoromethane	75-69-4	ug/L	6/10/2013	ND	
MW-21	d	Trichlorofluoromethane	75-69-4	ug/L	6/10/2013	ND	
MW-22R	d	Trichlorofluoromethane	75-69-4	ug/L	6/10/2013	ND	
MW-29	d	Trichlorofluoromethane	75-69-4	ug/L	6/10/2013	ND	
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	6/10/2013	ND	
MW-31R	d	Trichlorofluoromethane	75-69-4	ug/L	6/10/2013	ND	
MW-32R	d	Trichlorofluoromethane	75-69-4	ug/L	6/10/2013	ND	
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	6/10/2013	ND	
MW-57	d	Trichlorofluoromethane	75-69-4	ug/L	6/10/2013	ND	
MW-58	d	Trichlorofluoromethane	75-69-4	ug/L	6/10/2013	ND	
GU-3A	d	Trichlorofluoromethane	75-69-4	ug/L	9/10/2013	ND	
MW-31R	d	Trichlorofluoromethane	75-69-4	ug/L	9/10/2013	ND	
MW-31R	d	Trichlorofluoromethane	75-69-4	ug/L	9/10/2013	ND	
MW-32R	d	Trichlorofluoromethane	75-69-4	ug/L	9/10/2013	ND	
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	9/10/2013	ND	
MW-50	d	Trichlorofluoromethane	75-69-4	ug/L	9/10/2013	ND	
MW-51	d	Trichlorofluoromethane	75-69-4	ug/L	9/10/2013	ND	
MW-52	d	Trichlorofluoromethane	75-69-4	ug/L	9/10/2013	ND	
MW-53	d	Trichlorofluoromethane	75-69-4	ug/L	9/10/2013	ND	
MW-54	d	Trichlorofluoromethane	75-69-4	ug/L	9/10/2013	ND	
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	12/18/2013	ND	
MW-18	d	Trichlorofluoromethane	75-69-4	ug/L	12/18/2013	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	12/18/2013	ND	
MW-20	d	Trichlorofluoromethane	75-69-4	ug/L	12/18/2013	ND	
MW-21	d	Trichlorofluoromethane	75-69-4	ug/L	12/18/2013	ND	
MW-22R	d	Trichlorofluoromethane	75-69-4	ug/L	12/18/2013	ND	
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	12/18/2013	ND	
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	12/18/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	Trichlorofluoromethane	75-69-4	ug/L	12/18/2013	ND	
MW-39	d	Trichlorofluoromethane	75-69-4	ug/L	12/18/2013	ND	
MW-55	d	Trichlorofluoromethane	75-69-4	ug/L	12/18/2013	ND	
MW-18	d	Trichlorofluoromethane	75-69-4	ug/L	3/20/2014	ND	
MW-20	d	Trichlorofluoromethane	75-69-4	ug/L	3/20/2014	ND	
MW-21	d	Trichlorofluoromethane	75-69-4	ug/L	3/20/2014	ND	
MW-21	d	Trichlorofluoromethane	75-69-4	ug/L	3/20/2014	ND	
MW-22R	d	Trichlorofluoromethane	75-69-4	ug/L	3/20/2014	ND	
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	3/20/2014	ND	
MW-31R	d	Trichlorofluoromethane	75-69-4	ug/L	3/20/2014	ND	
MW-32R	d	Trichlorofluoromethane	75-69-4	ug/L	3/20/2014	ND	
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	3/20/2014	ND	
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	6/24/2014	ND	
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	6/24/2014	ND	
MW-18	d	Trichlorofluoromethane	75-69-4	ug/L	6/24/2014	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	6/24/2014	ND	
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	6/24/2014	ND	
MW-39	d	Trichlorofluoromethane	75-69-4	ug/L	6/24/2014	ND	
MW-50	d	Trichlorofluoromethane	75-69-4	ug/L	6/24/2014	ND	
MW-51	d	Trichlorofluoromethane	75-69-4	ug/L	6/24/2014	ND	
MW-52	d	Trichlorofluoromethane	75-69-4	ug/L	6/24/2014	ND	
MW-53	d	Trichlorofluoromethane	75-69-4	ug/L	6/24/2014	ND	
MW-54	d	Trichlorofluoromethane	75-69-4	ug/L	6/24/2014	ND	
MW-55	d	Trichlorofluoromethane	75-69-4	ug/L	6/24/2014	ND	
MW-58	d	Trichlorofluoromethane	75-69-4	ug/L	6/24/2014	ND	
MW-29	d	Trichlorofluoromethane	75-69-4	ug/L	7/24/2014	ND	
MW-56	d	Trichlorofluoromethane	75-69-4	ug/L	7/24/2014	ND	
MW-57	d	Trichlorofluoromethane	75-69-4	ug/L	7/24/2014	ND	
GU-3A	d	Trichlorofluoromethane	75-69-4	ug/L	9/24/2014	ND	
MW-18	d	Trichlorofluoromethane	75-69-4	ug/L	9/24/2014	ND	
MW-29	d	Trichlorofluoromethane	75-69-4	ug/L	9/24/2014	ND	
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	9/24/2014	ND	
MW-31R	d	Trichlorofluoromethane	75-69-4	ug/L	9/24/2014	ND	
MW-31R	d	Trichlorofluoromethane	75-69-4	ug/L	9/24/2014	ND	
MW-32R	d	Trichlorofluoromethane	75-69-4	ug/L	9/24/2014	ND	
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	9/24/2014	ND	
MW-50	d	Trichlorofluoromethane	75-69-4	ug/L	9/24/2014	ND	
MW-51	d	Trichlorofluoromethane	75-69-4	ug/L	9/24/2014	ND	
MW-52	d	Trichlorofluoromethane	75-69-4	ug/L	9/24/2014	ND	
MW-53	d	Trichlorofluoromethane	75-69-4	ug/L	9/24/2014	ND	
MW-54	d	Trichlorofluoromethane	75-69-4	ug/L	9/24/2014	ND	
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	12/4/2014	ND	
MW-18	d	Trichlorofluoromethane	75-69-4	ug/L	12/4/2014	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	12/4/2014	ND	
MW-20	d	Trichlorofluoromethane	75-69-4	ug/L	12/4/2014	ND	
MW-21	d	Trichlorofluoromethane	75-69-4	ug/L	12/4/2014	ND	
MW-22R	d	Trichlorofluoromethane	75-69-4	ug/L	12/4/2014	ND	
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	12/4/2014	ND	
MW-39	d	Trichlorofluoromethane	75-69-4	ug/L	12/4/2014	ND	
MW-56	d	Trichlorofluoromethane	75-69-4	ug/L	12/4/2014	ND	
MW-57	d	Trichlorofluoromethane	75-69-4	ug/L	12/4/2014	ND	
MW-57	d	Trichlorofluoromethane	75-69-4	ug/L	12/4/2014	ND	
MW-58	d	Trichlorofluoromethane	75-69-4	ug/L	12/4/2014	ND	
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	3/11/2015	ND	
MW-18	d	Trichlorofluoromethane	75-69-4	ug/L	3/11/2015	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	3/11/2015	ND	
MW-20	d	Trichlorofluoromethane	75-69-4	ug/L	3/11/2015	ND	
MW-21	d	Trichlorofluoromethane	75-69-4	ug/L	3/11/2015	ND	
MW-22R	d	Trichlorofluoromethane	75-69-4	ug/L	3/11/2015	ND	
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	3/11/2015	ND	
MW-39	d	Trichlorofluoromethane	75-69-4	ug/L	3/11/2015	ND	
MW-55	d	Trichlorofluoromethane	75-69-4	ug/L	3/11/2015	ND	
MW-56	d	Trichlorofluoromethane	75-69-4	ug/L	3/11/2015	ND	
MW-57	d	Trichlorofluoromethane	75-69-4	ug/L	3/11/2015	ND	
MW-58	d	Trichlorofluoromethane	75-69-4	ug/L	3/11/2015	ND	
MW-58	d	Trichlorofluoromethane	75-69-4	ug/L	3/11/2015	ND	
MW-29	d	Trichlorofluoromethane	75-69-4	ug/L	6/29/2015	ND	
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	6/29/2015	ND	
MW-31R	d	Trichlorofluoromethane	75-69-4	ug/L	6/29/2015	ND	
MW-31R	d	Trichlorofluoromethane	75-69-4	ug/L	6/29/2015	ND	
MW-32R	d	Trichlorofluoromethane	75-69-4	ug/L	6/29/2015	ND	
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	6/29/2015	ND	
MW-50	d	Trichlorofluoromethane	75-69-4	ug/L	6/29/2015	ND	
MW-51	d	Trichlorofluoromethane	75-69-4	ug/L	6/29/2015	ND	
MW-52	d	Trichlorofluoromethane	75-69-4	ug/L	6/29/2015	ND	
MW-53	d	Trichlorofluoromethane	75-69-4	ug/L	6/29/2015	ND	
MW-54	d	Trichlorofluoromethane	75-69-4	ug/L	6/29/2015	ND	
GU-3A	d	Trichlorofluoromethane	75-69-4	ug/L	9/22/2015	ND	
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	2/15/2016	ND	
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	2/15/2016	ND	
MW-18	d	Trichlorofluoromethane	75-69-4	ug/L	2/15/2016	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	2/15/2016	ND	
MW-39	d	Trichlorofluoromethane	75-69-4	ug/L	2/15/2016	ND	
MW-20	d	Trichlorofluoromethane	75-69-4	ug/L	2/16/2016	ND	
MW-21	d	Trichlorofluoromethane	75-69-4	ug/L	2/16/2016	ND	
MW-55	d	Trichlorofluoromethane	75-69-4	ug/L	2/16/2016	ND	
MW-56	d	Trichlorofluoromethane	75-69-4	ug/L	2/16/2016	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57	d	Trichlorofluoromethane	75-69-4	ug/L	2/16/2016	ND	
MW-58	d	Trichlorofluoromethane	75-69-4	ug/L	2/16/2016	ND	
MW-22R	d	Trichlorofluoromethane	75-69-4	ug/L	2/17/2016	ND	
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	8/25/2016	ND	
MW-29	d	Trichlorofluoromethane	75-69-4	ug/L	8/25/2016	ND	
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	8/25/2016	ND	
MW-31R	d	Trichlorofluoromethane	75-69-4	ug/L	8/25/2016	ND	
MW-32R	d	Trichlorofluoromethane	75-69-4	ug/L	8/25/2016	ND	
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	8/25/2016	ND	
MW-50	d	Trichlorofluoromethane	75-69-4	ug/L	8/25/2016	ND	
MW-51	d	Trichlorofluoromethane	75-69-4	ug/L	8/25/2016	ND	
MW-52	d	Trichlorofluoromethane	75-69-4	ug/L	8/25/2016	ND	
MW-53	d	Trichlorofluoromethane	75-69-4	ug/L	8/25/2016	ND	
MW-54	d	Trichlorofluoromethane	75-69-4	ug/L	8/25/2016	ND	
GU-3A	d	Trichlorofluoromethane	75-69-4	ug/L	8/26/2016	ND	
MW-18	d	Trichlorofluoromethane	75-69-4	ug/L	1/17/2017	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	1/17/2017	ND	
MW-22R	d	Trichlorofluoromethane	75-69-4	ug/L	1/17/2017	ND	
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	1/17/2017	ND	
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	1/17/2017	ND	
MW-39	d	Trichlorofluoromethane	75-69-4	ug/L	1/17/2017	ND	
MW-50	d	Trichlorofluoromethane	75-69-4	ug/L	1/17/2017	ND	
MW-51	d	Trichlorofluoromethane	75-69-4	ug/L	1/17/2017	ND	
MW-53	d	Trichlorofluoromethane	75-69-4	ug/L	1/17/2017	ND	
MW-54	d	Trichlorofluoromethane	75-69-4	ug/L	1/17/2017	ND	
MW-56	d	Trichlorofluoromethane	75-69-4	ug/L	1/17/2017	ND	
GU-3A	d	Trichlorofluoromethane	75-69-4	ug/L	7/10/2017	ND	
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	7/10/2017	ND	
MW-20	d	Trichlorofluoromethane	75-69-4	ug/L	7/10/2017	ND	
MW-21	d	Trichlorofluoromethane	75-69-4	ug/L	7/10/2017	ND	
MW-29	d	Trichlorofluoromethane	75-69-4	ug/L	7/10/2017	ND	
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	7/10/2017	ND	
MW-31R	d	Trichlorofluoromethane	75-69-4	ug/L	7/10/2017	ND	
MW-32R	d	Trichlorofluoromethane	75-69-4	ug/L	7/10/2017	ND	
MW-32R	d	Trichlorofluoromethane	75-69-4	ug/L	7/10/2017	ND	
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	7/10/2017	ND	
MW-57	d	Trichlorofluoromethane	75-69-4	ug/L	7/10/2017	ND	
MW-58	d	Trichlorofluoromethane	75-69-4	ug/L	7/10/2017	ND	
MW-52	d	Trichlorofluoromethane	75-69-4	ug/L	10/17/2017	ND	
MW-55	d	Trichlorofluoromethane	75-69-4	ug/L	10/17/2017	ND	
GU-3A	d	Trichlorofluoromethane	75-69-4	ug/L	4/3/2018	ND	
GU-3A	d	Trichlorofluoromethane	75-69-4	ug/L	4/3/2018	ND	
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	4/3/2018	ND	
MW-20	d	Trichlorofluoromethane	75-69-4	ug/L	4/3/2018	ND	
MW-21	d	Trichlorofluoromethane	75-69-4	ug/L	4/3/2018	ND	
MW-29	d	Trichlorofluoromethane	75-69-4	ug/L	4/3/2018	ND	
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	4/3/2018	ND	
MW-31R	d	Trichlorofluoromethane	75-69-4	ug/L	4/3/2018	ND	
MW-32R	d	Trichlorofluoromethane	75-69-4	ug/L	4/3/2018	ND	
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	4/3/2018	ND	
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	4/3/2018	ND	
MW-57	d	Trichlorofluoromethane	75-69-4	ug/L	4/3/2018	ND	
MW-58	d	Trichlorofluoromethane	75-69-4	ug/L	4/3/2018	ND	
MW-39	d	Trichlorofluoromethane	75-69-4	ug/L	11/1/2018	ND	
MW-50	d	Trichlorofluoromethane	75-69-4	ug/L	11/1/2018	ND	
MW-51	d	Trichlorofluoromethane	75-69-4	ug/L	11/1/2018	ND	
MW-52	d	Trichlorofluoromethane	75-69-4	ug/L	11/1/2018	ND	
MW-53	d	Trichlorofluoromethane	75-69-4	ug/L	11/1/2018	ND	
MW-54	d	Trichlorofluoromethane	75-69-4	ug/L	11/1/2018	ND	
MW-55	d	Trichlorofluoromethane	75-69-4	ug/L	11/1/2018	ND	
MW-18	d	Trichlorofluoromethane	75-69-4	ug/L	11/2/2018	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	11/2/2018	ND	
MW-22R	d	Trichlorofluoromethane	75-69-4	ug/L	11/2/2018	ND	
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	11/2/2018	ND	
MW-56	d	Trichlorofluoromethane	75-69-4	ug/L	11/2/2018	NDH	
MW-18	d	Trichlorofluoromethane	75-69-4	ug/L	5/16/2019	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	5/16/2019	ND	
MW-23	u	Trichlorofluoromethane	75-69-4	ug/L	5/16/2019	ND	
MW-24R	u	Trichlorofluoromethane	75-69-4	ug/L	5/16/2019	ND	
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	5/16/2019	ND	
MW-55	d	Trichlorofluoromethane	75-69-4	ug/L	5/16/2019	ND	
MW-50	d	Trichlorofluoromethane	75-69-4	ug/L	5/20/2019	ND	
MW-51	d	Trichlorofluoromethane	75-69-4	ug/L	5/20/2019	ND	
MW-52	d	Trichlorofluoromethane	75-69-4	ug/L	5/20/2019	ND	
MW-54	d	Trichlorofluoromethane	75-69-4	ug/L	5/20/2019	ND	
MW-56	d	Trichlorofluoromethane	75-69-4	ug/L	5/20/2019	ND	
MW-53	d	Trichlorofluoromethane	75-69-4	ug/L	5/21/2019	ND	
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	9/11/2019	ND	
MW-29	d	Trichlorofluoromethane	75-69-4	ug/L	9/11/2019	ND	
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	9/11/2019	ND	
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	9/11/2019	ND	
MW-58	d	Trichlorofluoromethane	75-69-4	ug/L	9/11/2019	ND	
GU-3A	d	Trichlorofluoromethane	75-69-4	ug/L	3/16/2020	ND	
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	3/16/2020	ND	
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	3/17/2020	ND	
MW-29	d	Trichlorofluoromethane	75-69-4	ug/L	3/17/2020	ND	
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	3/17/2020	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	Trichlorofluoromethane	75-69-4	ug/L	3/17/2020	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	7/20/2020	ND	
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	7/20/2020	ND	
MW-51	d	Trichlorofluoromethane	75-69-4	ug/L	7/20/2020	ND	
MW-55	d	Trichlorofluoromethane	75-69-4	ug/L	7/20/2020	ND	
MW-56	d	Trichlorofluoromethane	75-69-4	ug/L	7/20/2020	ND	
MW-57R	d	Trichlorofluoromethane	75-69-4	ug/L	7/20/2020	ND	
MW-73	d	Trichlorofluoromethane	75-69-4	ug/L	7/20/2020	ND	
MW-18	d	Trichlorofluoromethane	75-69-4	ug/L	7/21/2020	ND	
MW-50	d	Trichlorofluoromethane	75-69-4	ug/L	7/21/2020	ND	
MW-52	d	Trichlorofluoromethane	75-69-4	ug/L	7/21/2020	ND	
MW-53	d	Trichlorofluoromethane	75-69-4	ug/L	7/21/2020	ND	
MW-54	d	Trichlorofluoromethane	75-69-4	ug/L	7/21/2020	ND	
MW-23	u	Trichlorofluoromethane	75-69-4	ug/L	7/22/2020	ND	
MW-24R	u	Trichlorofluoromethane	75-69-4	ug/L	7/22/2020	ND	
MW-55	d	Trichlorofluoromethane	75-69-4	ug/L	11/12/2020	ND	
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	8/24/2021		<4.00
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	8/24/2021		<4.00
MW-29	d	Trichlorofluoromethane	75-69-4	ug/L	8/25/2021		<4.00
MW-58	d	Trichlorofluoromethane	75-69-4	ug/L	8/25/2021		<4.00
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	8/25/2021		<4.00
MW-68	d	Trichlorofluoromethane	75-69-4	ug/L	8/25/2021		<4.00
MW-69	d	Trichlorofluoromethane	75-69-4	ug/L	8/25/2021		<4.00
MW-70	d	Trichlorofluoromethane	75-69-4	ug/L	8/26/2021		<4.00
MW-57R	d	Trichlorofluoromethane	75-69-4	ug/L	8/26/2021		<4.00
PZ-13	d	Trichlorofluoromethane	75-69-4	ug/L	8/27/2021		<4.00
MW-73	d	Trichlorofluoromethane	75-69-4	ug/L	8/27/2021		<4.00
GU-3A	d	Trichlorofluoromethane	75-69-4	ug/L	9/8/2021		<4.00
MW-24R	u	Trichlorofluoromethane	75-69-4	ug/L	12/7/2021		<4.00
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	12/7/2021		<4.00
MW-57R	d	Trichlorofluoromethane	75-69-4	ug/L	12/7/2021		<4.00
MW-73	d	Trichlorofluoromethane	75-69-4	ug/L	12/7/2021		<4.00
MW-56	d	Trichlorofluoromethane	75-69-4	ug/L	12/7/2021		<4.00
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	12/7/2021		<4.00
MW-18	d	Trichlorofluoromethane	75-69-4	ug/L	12/7/2021		<4.00
MW-55	d	Trichlorofluoromethane	75-69-4	ug/L	12/7/2021		<4.00
MW-50	d	Trichlorofluoromethane	75-69-4	ug/L	12/7/2021		<4.00
MW-23	u	Trichlorofluoromethane	75-69-4	ug/L	12/8/2021		<4.00
MW-39	d	Trichlorofluoromethane	75-69-4	ug/L	12/8/2021		<4.00
MW-51	d	Trichlorofluoromethane	75-69-4	ug/L	12/8/2021		<4.00
MW-52	d	Trichlorofluoromethane	75-69-4	ug/L	12/8/2021		<4.00
MW-53	d	Trichlorofluoromethane	75-69-4	ug/L	12/8/2021		<4.00
MW-54	d	Trichlorofluoromethane	75-69-4	ug/L	12/8/2021		<4.00
MW-68	d	Turbidity	n/a	NTU	6/30/2015		34.6
MW-69	d	Turbidity	n/a	NTU	6/30/2015		150
MW-70	d	Turbidity	n/a	NTU	6/30/2015		64.8
MW-72	d	Turbidity	n/a	NTU	6/30/2015		164
PZ-13	d	Turbidity	n/a	NTU	7/1/2015		44.4
MW-68	d	Turbidity	n/a	NTU	9/24/2015		12.1
MW-69	d	Turbidity	n/a	NTU	9/24/2015		6.9
MW-70	d	Turbidity	n/a	NTU	9/25/2015		114
MW-72	d	Turbidity	n/a	NTU	9/25/2015		40.5
PZ-13	d	Turbidity	n/a	NTU	9/25/2015		16.7
MW-51	d	Vanadium	7440-62-2	mg/L	1/15/2010	ND	
MW-24R	u	Vanadium	7440-62-2	mg/L	2/11/2010	ND	
MW-53	d	Vanadium	7440-62-2	mg/L	2/11/2010	ND	
GU-3A	d	Vanadium	7440-62-2	mg/L	3/24/2010	ND	
MW-20	d	Vanadium	7440-62-2	mg/L	3/24/2010	ND	
MW-21	d	Vanadium	7440-62-2	mg/L	3/24/2010	ND	
MW-22R	d	Vanadium	7440-62-2	mg/L	3/24/2010	ND	
MW-52	d	Vanadium	7440-62-2	mg/L	3/24/2010	ND	
MW-54	d	Vanadium	7440-62-2	mg/L	3/24/2010	ND	
MW-55	d	Vanadium	7440-62-2	mg/L	3/24/2010	ND	
MW-28	d	Vanadium	7440-62-2	mg/L	4/9/2010	ND	
MW-33R	d	Vanadium	7440-62-2	mg/L	4/9/2010	ND	
MW-50	d	Vanadium	7440-62-2	mg/L	4/9/2010	ND	
MW-56	d	Vanadium	7440-62-2	mg/L	4/9/2010	ND	
MW-57	d	Vanadium	7440-62-2	mg/L	4/9/2010	ND	
MW-58	d	Vanadium	7440-62-2	mg/L	4/9/2010	ND	
MW-32R	d	Vanadium	7440-62-2	mg/L	5/18/2010	ND	
MW-14R	d	Vanadium	7440-62-2	mg/L	6/17/2010	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	6/17/2010	ND	
MW-29	d	Vanadium	7440-62-2	mg/L	6/17/2010	ND	
MW-30R	d	Vanadium	7440-62-2	mg/L	6/17/2010	ND	
MW-31R	d	Vanadium	7440-62-2	mg/L	6/17/2010	ND	
MW-51	d	Vanadium	7440-62-2	mg/L	6/17/2010	ND	
MW-21	d	Vanadium	7440-62-2	mg/L	7/21/2010	ND	
MW-54	d	Vanadium	7440-62-2	mg/L	7/21/2010	ND	
MW-20	d	Vanadium	7440-62-2	mg/L	8/17/2010	ND	
MW-29	d	Vanadium	7440-62-2	mg/L	8/17/2010	ND	
MW-39	d	Vanadium	7440-62-2	mg/L	8/17/2010	ND	
MW-51	d	Vanadium	7440-62-2	mg/L	8/17/2010	ND	
GU-3A	d	Vanadium	7440-62-2	mg/L	9/17/2010	ND	
MW-22R	d	Vanadium	7440-62-2	mg/L	9/17/2010	ND	
MW-55	d	Vanadium	7440-62-2	mg/L	9/17/2010	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	10/22/2010	ND	
MW-24R	u	Vanadium	7440-62-2	mg/L	10/22/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	Vanadium	7440-62-2	mg/L	10/22/2010	ND	
MW-31R	d	Vanadium	7440-62-2	mg/L	10/22/2010	ND	
MW-50	d	Vanadium	7440-62-2	mg/L	10/22/2010	ND	
MW-53	d	Vanadium	7440-62-2	mg/L	10/22/2010	ND	
MW-56	d	Vanadium	7440-62-2	mg/L	10/22/2010	ND	
MW-58	d	Vanadium	7440-62-2	mg/L	10/22/2010	ND	
MW-14R	d	Vanadium	7440-62-2	mg/L	11/8/2010	ND	
MW-32R	d	Vanadium	7440-62-2	mg/L	11/8/2010	ND	
MW-57	d	Vanadium	7440-62-2	mg/L	11/8/2010	ND	
MW-28	d	Vanadium	7440-62-2	mg/L	12/15/2010	ND	
MW-33R	d	Vanadium	7440-62-2	mg/L	12/15/2010		0.0804
MW-52	d	Vanadium	7440-62-2	mg/L	12/15/2010		0.0895
MW-54	d	Vanadium	7440-62-2	mg/L	1/12/2011	ND	
MW-54	d	Vanadium	7440-62-2	mg/L	1/12/2011	ND	
MW-20	d	Vanadium	7440-62-2	mg/L	2/22/2011	ND	
MW-22R	d	Vanadium	7440-62-2	mg/L	2/22/2011	ND	
MW-51	d	Vanadium	7440-62-2	mg/L	2/22/2011	ND	
MW-52	d	Vanadium	7440-62-2	mg/L	2/22/2011		0.115
MW-53	d	Vanadium	7440-62-2	mg/L	2/22/2011	ND	
MW-55	d	Vanadium	7440-62-2	mg/L	2/22/2011	ND	
GU-3A	d	Vanadium	7440-62-2	mg/L	3/2/2011	ND	
MW-21	d	Vanadium	7440-62-2	mg/L	3/2/2011	ND	
MW-21	d	Vanadium	7440-62-2	mg/L	3/2/2011	ND	
MW-29	d	Vanadium	7440-62-2	mg/L	4/21/2011	ND	
MW-30R	d	Vanadium	7440-62-2	mg/L	4/21/2011	ND	
MW-31R	d	Vanadium	7440-62-2	mg/L	4/21/2011	ND	
MW-31R	d	Vanadium	7440-62-2	mg/L	4/21/2011	ND	
MW-32R	d	Vanadium	7440-62-2	mg/L	4/21/2011	ND	
MW-54	d	Vanadium	7440-62-2	mg/L	5/31/2011	ND	
MW-56	d	Vanadium	7440-62-2	mg/L	5/31/2011	ND	
MW-57	d	Vanadium	7440-62-2	mg/L	5/31/2011	ND	
MW-58	d	Vanadium	7440-62-2	mg/L	5/31/2011	ND	
MW-14R	d	Vanadium	7440-62-2	mg/L	6/7/2011	ND	
MW-14R	d	Vanadium	7440-62-2	mg/L	6/7/2011	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	6/7/2011	ND	
MW-28	d	Vanadium	7440-62-2	mg/L	6/7/2011	ND	
MW-33R	d	Vanadium	7440-62-2	mg/L	6/7/2011	ND	
MW-39	d	Vanadium	7440-62-2	mg/L	6/7/2011	ND	
MW-50	d	Vanadium	7440-62-2	mg/L	6/7/2011	ND	
MW-52	d	Vanadium	7440-62-2	mg/L	7/22/2011	ND	
MW-56	d	Vanadium	7440-62-2	mg/L	7/22/2011	ND	
MW-58	d	Vanadium	7440-62-2	mg/L	7/22/2011	ND	
MW-14R	d	Vanadium	7440-62-2	mg/L	8/29/2011	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	8/29/2011	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	8/29/2011	ND	
MW-32R	d	Vanadium	7440-62-2	mg/L	8/29/2011	ND	
GU-3A	d	Vanadium	7440-62-2	mg/L	9/9/2011	ND	
MW-22R	d	Vanadium	7440-62-2	mg/L	9/9/2011	ND	
MW-23	u	Vanadium	7440-62-2	mg/L	9/9/2011	ND	
MW-24R	u	Vanadium	7440-62-2	mg/L	9/9/2011	ND	
MW-28	d	Vanadium	7440-62-2	mg/L	9/9/2011	ND	
MW-29	d	Vanadium	7440-62-2	mg/L	9/9/2011	ND	
MW-51	d	Vanadium	7440-62-2	mg/L	9/9/2011	ND	
MW-53	d	Vanadium	7440-62-2	mg/L	9/9/2011	ND	
MW-53	d	Vanadium	7440-62-2	mg/L	9/9/2011	ND	
MW-21	d	Vanadium	7440-62-2	mg/L	10/4/2011	ND	
MW-50	d	Vanadium	7440-62-2	mg/L	10/4/2011	ND	
MW-50	d	Vanadium	7440-62-2	mg/L	10/4/2011	ND	
MW-54	d	Vanadium	7440-62-2	mg/L	10/4/2011	ND	
MW-57	d	Vanadium	7440-62-2	mg/L	10/4/2011	ND	
MW-20	d	Vanadium	7440-62-2	mg/L	11/29/2011	ND	
MW-30R	d	Vanadium	7440-62-2	mg/L	11/29/2011	ND	
MW-52	d	Vanadium	7440-62-2	mg/L	11/29/2011	ND	
MW-55	d	Vanadium	7440-62-2	mg/L	11/29/2011	ND	
MW-31R	d	Vanadium	7440-62-2	mg/L	12/16/2011	ND	
MW-33R	d	Vanadium	7440-62-2	mg/L	12/16/2011	ND	
MW-39	d	Vanadium	7440-62-2	mg/L	12/16/2011	ND	
MW-14R	d	Vanadium	7440-62-2	mg/L	3/8/2012	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	3/8/2012	ND	
MW-20	d	Vanadium	7440-62-2	mg/L	3/8/2012	ND	
MW-21	d	Vanadium	7440-62-2	mg/L	3/8/2012	ND	
MW-22R	d	Vanadium	7440-62-2	mg/L	3/8/2012	ND	
MW-23	u	Vanadium	7440-62-2	mg/L	3/8/2012	ND	
MW-24R	u	Vanadium	7440-62-2	mg/L	3/8/2012	ND	
MW-28	d	Vanadium	7440-62-2	mg/L	3/8/2012	ND	
MW-39	d	Vanadium	7440-62-2	mg/L	3/8/2012	ND	
MW-55	d	Vanadium	7440-62-2	mg/L	3/8/2012	ND	
MW-56	d	Vanadium	7440-62-2	mg/L	3/8/2012	ND	
MW-57	d	Vanadium	7440-62-2	mg/L	3/8/2012	ND	
MW-58	d	Vanadium	7440-62-2	mg/L	3/8/2012	ND	
GU-3A	d	Vanadium	7440-62-2	mg/L	6/13/2012	ND	
MW-29	d	Vanadium	7440-62-2	mg/L	6/13/2012	ND	
MW-30R	d	Vanadium	7440-62-2	mg/L	6/13/2012	ND	
MW-31R	d	Vanadium	7440-62-2	mg/L	6/13/2012	ND	
MW-32R	d	Vanadium	7440-62-2	mg/L	6/13/2012	ND	
MW-33R	d	Vanadium	7440-62-2	mg/L	6/13/2012	ND	
MW-50	d	Vanadium	7440-62-2	mg/L	6/13/2012	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	Vanadium	7440-62-2	mg/L	6/13/2012	ND	
MW-51	d	Vanadium	7440-62-2	mg/L	6/13/2012	ND	
MW-52	d	Vanadium	7440-62-2	mg/L	6/13/2012	ND	
MW-53	d	Vanadium	7440-62-2	mg/L	6/13/2012	ND	
MW-54	d	Vanadium	7440-62-2	mg/L	6/13/2012	ND	
GU-3A	d	Vanadium	7440-62-2	mg/L	9/4/2012	ND	
MW-20	d	Vanadium	7440-62-2	mg/L	9/4/2012	ND	
MW-21	d	Vanadium	7440-62-2	mg/L	9/4/2012	ND	
MW-22R	d	Vanadium	7440-62-2	mg/L	9/4/2012	ND	
MW-23	u	Vanadium	7440-62-2	mg/L	9/4/2012	ND	
MW-50	d	Vanadium	7440-62-2	mg/L	9/4/2012	ND	
MW-51	d	Vanadium	7440-62-2	mg/L	9/4/2012	ND	
MW-52	d	Vanadium	7440-62-2	mg/L	9/4/2012	ND	
MW-53	d	Vanadium	7440-62-2	mg/L	9/4/2012	ND	
MW-54	d	Vanadium	7440-62-2	mg/L	9/4/2012	ND	
MW-54	d	Vanadium	7440-62-2	mg/L	9/4/2012	ND	
MW-57	d	Vanadium	7440-62-2	mg/L	9/4/2012	ND	
MW-58	d	Vanadium	7440-62-2	mg/L	9/4/2012	ND	
MW-14R	d	Vanadium	7440-62-2	mg/L	12/19/2012	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	12/19/2012	ND	
MW-28	d	Vanadium	7440-62-2	mg/L	12/19/2012	ND	
MW-29	d	Vanadium	7440-62-2	mg/L	12/19/2012	ND	
MW-30R	d	Vanadium	7440-62-2	mg/L	12/19/2012	ND	
MW-31R	d	Vanadium	7440-62-2	mg/L	12/19/2012	ND	
MW-32R	d	Vanadium	7440-62-2	mg/L	12/19/2012	ND	
MW-33R	d	Vanadium	7440-62-2	mg/L	12/19/2012	ND	
MW-33R	d	Vanadium	7440-62-2	mg/L	12/19/2012	ND	
MW-39	d	Vanadium	7440-62-2	mg/L	12/19/2012	ND	
MW-55	d	Vanadium	7440-62-2	mg/L	12/19/2012	ND	
MW-56	d	Vanadium	7440-62-2	mg/L	12/19/2012	ND	
MW-14R	d	Vanadium	7440-62-2	mg/L	3/11/2013	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	3/11/2013	ND	
MW-23	u	Vanadium	7440-62-2	mg/L	3/11/2013	ND	
MW-28	d	Vanadium	7440-62-2	mg/L	3/11/2013	ND	
MW-39	d	Vanadium	7440-62-2	mg/L	3/11/2013	ND	
MW-50	d	Vanadium	7440-62-2	mg/L	3/11/2013	ND	
MW-50	d	Vanadium	7440-62-2	mg/L	3/11/2013	ND	
MW-51	d	Vanadium	7440-62-2	mg/L	3/11/2013	ND	
MW-52	d	Vanadium	7440-62-2	mg/L	3/11/2013	ND	
MW-53	d	Vanadium	7440-62-2	mg/L	3/11/2013	ND	
MW-54	d	Vanadium	7440-62-2	mg/L	3/11/2013	ND	
MW-55	d	Vanadium	7440-62-2	mg/L	3/11/2013	ND	
MW-56	d	Vanadium	7440-62-2	mg/L	3/11/2013	ND	
MW-20	d	Vanadium	7440-62-2	mg/L	6/10/2013	ND	
MW-20	d	Vanadium	7440-62-2	mg/L	6/10/2013	ND	
MW-21	d	Vanadium	7440-62-2	mg/L	6/10/2013	ND	
MW-22R	d	Vanadium	7440-62-2	mg/L	6/10/2013	ND	
MW-29	d	Vanadium	7440-62-2	mg/L	6/10/2013	ND	
MW-30R	d	Vanadium	7440-62-2	mg/L	6/10/2013	ND	
MW-31R	d	Vanadium	7440-62-2	mg/L	6/10/2013	ND	
MW-32R	d	Vanadium	7440-62-2	mg/L	6/10/2013	ND	
MW-33R	d	Vanadium	7440-62-2	mg/L	6/10/2013	ND	
MW-57	d	Vanadium	7440-62-2	mg/L	6/10/2013	ND	
MW-58	d	Vanadium	7440-62-2	mg/L	6/10/2013	ND	
GU-3A	d	Vanadium	7440-62-2	mg/L	9/10/2013	J	0.00684
MW-23	u	Vanadium	7440-62-2	mg/L	9/10/2013	ND	
MW-31R	d	Vanadium	7440-62-2	mg/L	9/10/2013	ND	
MW-31R	d	Vanadium	7440-62-2	mg/L	9/10/2013	ND	
MW-32R	d	Vanadium	7440-62-2	mg/L	9/10/2013	ND	
MW-33R	d	Vanadium	7440-62-2	mg/L	9/10/2013	J	0.00387
MW-50	d	Vanadium	7440-62-2	mg/L	9/10/2013	ND	
MW-51	d	Vanadium	7440-62-2	mg/L	9/10/2013	ND	
MW-52	d	Vanadium	7440-62-2	mg/L	9/10/2013	ND	
MW-53	d	Vanadium	7440-62-2	mg/L	9/10/2013	ND	
MW-54	d	Vanadium	7440-62-2	mg/L	9/10/2013	ND	
MW-14R	d	Vanadium	7440-62-2	mg/L	12/18/2013	ND	
MW-18	d	Vanadium	7440-62-2	mg/L	12/18/2013	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	12/18/2013	ND	
MW-20	d	Vanadium	7440-62-2	mg/L	12/18/2013	ND	
MW-21	d	Vanadium	7440-62-2	mg/L	12/18/2013	ND	
MW-22R	d	Vanadium	7440-62-2	mg/L	12/18/2013	J	0.00678
MW-28	d	Vanadium	7440-62-2	mg/L	12/18/2013	ND	
MW-30R	d	Vanadium	7440-62-2	mg/L	12/18/2013	J	0.0118
MW-39	d	Vanadium	7440-62-2	mg/L	12/18/2013	ND	
MW-39	d	Vanadium	7440-62-2	mg/L	12/18/2013	ND	
MW-55	d	Vanadium	7440-62-2	mg/L	12/18/2013	ND	
MW-18	d	Vanadium	7440-62-2	mg/L	3/20/2014	ND	
MW-20	d	Vanadium	7440-62-2	mg/L	3/20/2014	ND	
MW-21	d	Vanadium	7440-62-2	mg/L	3/20/2014	ND	
MW-21	d	Vanadium	7440-62-2	mg/L	3/20/2014	ND	
MW-22R	d	Vanadium	7440-62-2	mg/L	3/20/2014	J	0.00387
MW-23	u	Vanadium	7440-62-2	mg/L	3/20/2014	ND	
MW-30R	d	Vanadium	7440-62-2	mg/L	3/20/2014	J	0.00357
MW-31R	d	Vanadium	7440-62-2	mg/L	3/20/2014	ND	
MW-32R	d	Vanadium	7440-62-2	mg/L	3/20/2014	ND	
MW-33R	d	Vanadium	7440-62-2	mg/L	3/20/2014	J	0.0283
MW-14R	d	Vanadium	7440-62-2	mg/L	6/24/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	Vanadium	7440-62-2	mg/L	6/24/2014	ND	
MW-18	d	Vanadium	7440-62-2	mg/L	6/24/2014	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	6/24/2014	ND	
MW-28	d	Vanadium	7440-62-2	mg/L	6/24/2014	ND	
MW-39	d	Vanadium	7440-62-2	mg/L	6/24/2014	ND	
MW-50	d	Vanadium	7440-62-2	mg/L	6/24/2014	ND	
MW-51	d	Vanadium	7440-62-2	mg/L	6/24/2014	ND	
MW-52	d	Vanadium	7440-62-2	mg/L	6/24/2014	ND	
MW-53	d	Vanadium	7440-62-2	mg/L	6/24/2014	ND	
MW-54	d	Vanadium	7440-62-2	mg/L	6/24/2014	ND	
MW-55	d	Vanadium	7440-62-2	mg/L	6/24/2014	ND	
MW-58	d	Vanadium	7440-62-2	mg/L	6/24/2014	ND	
MW-29	d	Vanadium	7440-62-2	mg/L	7/24/2014	ND	
MW-56	d	Vanadium	7440-62-2	mg/L	7/24/2014	ND	
MW-57	d	Vanadium	7440-62-2	mg/L	7/24/2014	J	0.00263
GU-3A	d	Vanadium	7440-62-2	mg/L	9/24/2014	J	0.00367
MW-18	d	Vanadium	7440-62-2	mg/L	9/24/2014	ND	
MW-23	u	Vanadium	7440-62-2	mg/L	9/24/2014	ND	
MW-24R	u	Vanadium	7440-62-2	mg/L	9/24/2014	ND	
MW-29	d	Vanadium	7440-62-2	mg/L	9/24/2014	ND	
MW-30R	d	Vanadium	7440-62-2	mg/L	9/24/2014	J	0.00662
MW-31R	d	Vanadium	7440-62-2	mg/L	9/24/2014	ND	
MW-31R	d	Vanadium	7440-62-2	mg/L	9/24/2014	J	0.00328
MW-32R	d	Vanadium	7440-62-2	mg/L	9/24/2014	J	0.00334
MW-33R	d	Vanadium	7440-62-2	mg/L	9/24/2014	J	0.00313
MW-50	d	Vanadium	7440-62-2	mg/L	9/24/2014	ND	
MW-51	d	Vanadium	7440-62-2	mg/L	9/24/2014	ND	
MW-52	d	Vanadium	7440-62-2	mg/L	9/24/2014	ND	
MW-53	d	Vanadium	7440-62-2	mg/L	9/24/2014	ND	
MW-54	d	Vanadium	7440-62-2	mg/L	9/24/2014	J	0.00301
MW-14R	d	Vanadium	7440-62-2	mg/L	12/4/2014	J	0.00255
MW-18	d	Vanadium	7440-62-2	mg/L	12/4/2014	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	12/4/2014	ND	
MW-20	d	Vanadium	7440-62-2	mg/L	12/4/2014	ND	
MW-21	d	Vanadium	7440-62-2	mg/L	12/4/2014	J	0.00439
MW-22R	d	Vanadium	7440-62-2	mg/L	12/4/2014	J	0.00562
MW-28	d	Vanadium	7440-62-2	mg/L	12/4/2014	ND	
MW-39	d	Vanadium	7440-62-2	mg/L	12/4/2014	J	0.00392
MW-56	d	Vanadium	7440-62-2	mg/L	12/4/2014	ND	
MW-57	d	Vanadium	7440-62-2	mg/L	12/4/2014	J	0.00898
MW-57	d	Vanadium	7440-62-2	mg/L	12/4/2014	J	0.00607
MW-58	d	Vanadium	7440-62-2	mg/L	12/4/2014	J	0.0111
MW-14R	d	Vanadium	7440-62-2	mg/L	3/11/2015	ND	
MW-18	d	Vanadium	7440-62-2	mg/L	3/11/2015	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	3/11/2015	ND	
MW-20	d	Vanadium	7440-62-2	mg/L	3/11/2015	ND	
MW-21	d	Vanadium	7440-62-2	mg/L	3/11/2015	ND	
MW-22R	d	Vanadium	7440-62-2	mg/L	3/11/2015	J	0.00365
MW-23	u	Vanadium	7440-62-2	mg/L	3/11/2015	J	0.00047
MW-24R	u	Vanadium	7440-62-2	mg/L	3/11/2015	J	0.0011
MW-28	d	Vanadium	7440-62-2	mg/L	3/11/2015	ND	
MW-39	d	Vanadium	7440-62-2	mg/L	3/11/2015	J	0.000519
MW-55	d	Vanadium	7440-62-2	mg/L	3/11/2015	ND	
MW-56	d	Vanadium	7440-62-2	mg/L	3/11/2015	ND	
MW-57	d	Vanadium	7440-62-2	mg/L	3/11/2015	J	0.000967
MW-58	d	Vanadium	7440-62-2	mg/L	3/11/2015	J	0.000639
MW-58	d	Vanadium	7440-62-2	mg/L	3/11/2015	J	0.000641
MW-29	d	Vanadium	7440-62-2	mg/L	6/29/2015	ND	
MW-30R	d	Vanadium	7440-62-2	mg/L	6/29/2015		0.00601
MW-31R	d	Vanadium	7440-62-2	mg/L	6/29/2015	J	0.000666
MW-31R	d	Vanadium	7440-62-2	mg/L	6/29/2015	J	0.000611
MW-32R	d	Vanadium	7440-62-2	mg/L	6/29/2015	J	0.00139
MW-33R	d	Vanadium	7440-62-2	mg/L	6/29/2015	J	0.00115
MW-50	d	Vanadium	7440-62-2	mg/L	6/29/2015	J	0.000868
MW-51	d	Vanadium	7440-62-2	mg/L	6/29/2015	ND	
MW-52	d	Vanadium	7440-62-2	mg/L	6/29/2015	ND	
MW-53	d	Vanadium	7440-62-2	mg/L	6/29/2015	ND	
MW-54	d	Vanadium	7440-62-2	mg/L	6/29/2015	J	0.000723
GU-3A	d	Vanadium	7440-62-2	mg/L	9/22/2015		0.0105
MW-14R	d	Vanadium	7440-62-2	mg/L	2/15/2016	ND	
MW-14R	d	Vanadium	7440-62-2	mg/L	2/15/2016	J	0.00074
MW-18	d	Vanadium	7440-62-2	mg/L	2/15/2016	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	2/15/2016	J	0.000829
MW-39	d	Vanadium	7440-62-2	mg/L	2/15/2016	ND	
MW-20	d	Vanadium	7440-62-2	mg/L	2/16/2016	ND	
MW-21	d	Vanadium	7440-62-2	mg/L	2/16/2016	ND	
MW-55	d	Vanadium	7440-62-2	mg/L	2/16/2016	ND	
MW-56	d	Vanadium	7440-62-2	mg/L	2/16/2016	J	0.00112
MW-57	d	Vanadium	7440-62-2	mg/L	2/16/2016	J	0.00241
MW-58	d	Vanadium	7440-62-2	mg/L	2/16/2016		0.00519
MW-22R	d	Vanadium	7440-62-2	mg/L	2/17/2016		0.0146
MW-23	u	Vanadium	7440-62-2	mg/L	2/17/2016	ND	
MW-24R	u	Vanadium	7440-62-2	mg/L	2/17/2016	J	0.00132
MW-28	d	Vanadium	7440-62-2	mg/L	8/25/2016	ND	
MW-29	d	Vanadium	7440-62-2	mg/L	8/25/2016	J	0.00064
MW-30R	d	Vanadium	7440-62-2	mg/L	8/25/2016	J	0.00419
MW-31R	d	Vanadium	7440-62-2	mg/L	8/25/2016	J	0.000729

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-32R	d	Vanadium	7440-62-2	mg/L	8/25/2016	J	0.0015
MW-33R	d	Vanadium	7440-62-2	mg/L	8/25/2016	J	0.00137
MW-50	d	Vanadium	7440-62-2	mg/L	8/25/2016	J	0.000742
MW-51	d	Vanadium	7440-62-2	mg/L	8/25/2016	J	0.00032
MW-52	d	Vanadium	7440-62-2	mg/L	8/25/2016	J	0.000287
MW-53	d	Vanadium	7440-62-2	mg/L	8/25/2016	J	0.000418
MW-54	d	Vanadium	7440-62-2	mg/L	8/25/2016	J	0.00044
GU-3A	d	Vanadium	7440-62-2	mg/L	8/26/2016	J	0.000546
MW-18	d	Vanadium	7440-62-2	mg/L	1/17/2017	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	1/17/2017	ND	
MW-22R	d	Vanadium	7440-62-2	mg/L	1/17/2017		0.0278
MW-23	u	Vanadium	7440-62-2	mg/L	1/17/2017	J	0.000278
MW-24R	u	Vanadium	7440-62-2	mg/L	1/17/2017	J	0.000961
MW-28	d	Vanadium	7440-62-2	mg/L	1/17/2017	ND	
MW-28	d	Vanadium	7440-62-2	mg/L	1/17/2017	ND	
MW-39	d	Vanadium	7440-62-2	mg/L	1/17/2017	ND	
MW-50	d	Vanadium	7440-62-2	mg/L	1/17/2017	J	0.000617
MW-51	d	Vanadium	7440-62-2	mg/L	1/17/2017	ND	
MW-53	d	Vanadium	7440-62-2	mg/L	1/17/2017	J	0.00032
MW-54	d	Vanadium	7440-62-2	mg/L	1/17/2017	J	0.000454
MW-56	d	Vanadium	7440-62-2	mg/L	1/17/2017	ND	
GU-3A	d	Vanadium	7440-62-2	mg/L	7/10/2017	ND	
MW-14R	d	Vanadium	7440-62-2	mg/L	7/10/2017	ND	
MW-20	d	Vanadium	7440-62-2	mg/L	7/10/2017	ND	
MW-21	d	Vanadium	7440-62-2	mg/L	7/10/2017	ND	
MW-29	d	Vanadium	7440-62-2	mg/L	7/10/2017	ND	
MW-30R	d	Vanadium	7440-62-2	mg/L	7/10/2017	J	0.0045
MW-31R	d	Vanadium	7440-62-2	mg/L	7/10/2017	ND	
MW-32R	d	Vanadium	7440-62-2	mg/L	7/10/2017	J	0.00168
MW-32R	d	Vanadium	7440-62-2	mg/L	7/10/2017	J	0.00143
MW-33R	d	Vanadium	7440-62-2	mg/L	7/10/2017	J	0.00138
MW-57	d	Vanadium	7440-62-2	mg/L	7/10/2017	ND	
MW-58	d	Vanadium	7440-62-2	mg/L	7/10/2017	ND	
MW-52	d	Vanadium	7440-62-2	mg/L	10/17/2017	J	0.00237
MW-55	d	Vanadium	7440-62-2	mg/L	10/17/2017	ND	
GU-3A	d	Vanadium	7440-62-2	mg/L	4/3/2018		0.0656
GU-3A	d	Vanadium	7440-62-2	mg/L	4/3/2018		0.00723
MW-20	d	Vanadium	7440-62-2	mg/L	4/3/2018	J	0.000772
MW-21	d	Vanadium	7440-62-2	mg/L	4/3/2018	J	0.000646
MW-30R	d	Vanadium	7440-62-2	mg/L	4/3/2018	J	0.00476
MW-31R	d	Vanadium	7440-62-2	mg/L	4/3/2018	J	0.00165
MW-32R	d	Vanadium	7440-62-2	mg/L	4/3/2018		0.00515
MW-33R	d	Vanadium	7440-62-2	mg/L	4/3/2018		0.00732
MW-33R	d	Vanadium	7440-62-2	mg/L	4/3/2018		0.00884
MW-23	u	Vanadium	7440-62-2	mg/L	11/1/2018	ND	
MW-24R	u	Vanadium	7440-62-2	mg/L	11/1/2018	J	0.00116
MW-39	d	Vanadium	7440-62-2	mg/L	11/1/2018	ND	
MW-50	d	Vanadium	7440-62-2	mg/L	11/1/2018	J	0.000709
MW-51	d	Vanadium	7440-62-2	mg/L	11/1/2018	ND	
MW-52	d	Vanadium	7440-62-2	mg/L	11/1/2018	J	0.00199
MW-53	d	Vanadium	7440-62-2	mg/L	11/1/2018	ND	
MW-54	d	Vanadium	7440-62-2	mg/L	11/1/2018	ND	
MW-55	d	Vanadium	7440-62-2	mg/L	11/1/2018	ND	
MW-18	d	Vanadium	7440-62-2	mg/L	11/2/2018	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	11/2/2018	ND	
MW-22R	d	Vanadium	7440-62-2	mg/L	11/2/2018		0.0124
MW-28	d	Vanadium	7440-62-2	mg/L	11/2/2018	ND	
MW-56	d	Vanadium	7440-62-2	mg/L	11/2/2018	J	0.000839
MW-18	d	Vanadium	7440-62-2	mg/L	5/16/2019	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	5/16/2019	ND	
MW-28	d	Vanadium	7440-62-2	mg/L	5/16/2019	ND	
MW-55	d	Vanadium	7440-62-2	mg/L	5/16/2019	ND	
MW-50	d	Vanadium	7440-62-2	mg/L	5/20/2019	ND	
MW-51	d	Vanadium	7440-62-2	mg/L	5/20/2019	ND	
MW-52	d	Vanadium	7440-62-2	mg/L	5/20/2019	ND	
MW-54	d	Vanadium	7440-62-2	mg/L	5/20/2019	ND	
MW-56	d	Vanadium	7440-62-2	mg/L	5/20/2019	ND	
MW-53	d	Vanadium	7440-62-2	mg/L	5/21/2019	ND	
MW-14R	d	Vanadium	7440-62-2	mg/L	9/11/2019	ND	
MW-29	d	Vanadium	7440-62-2	mg/L	9/11/2019	ND	
MW-33R	d	Vanadium	7440-62-2	mg/L	9/11/2019	J	0.00135
MW-58	d	Vanadium	7440-62-2	mg/L	9/11/2019	ND	
GU-3A	d	Vanadium	7440-62-2	mg/L	3/16/2020		0.00949
MW-33R	d	Vanadium	7440-62-2	mg/L	3/16/2020	J	0.00177
MW-19	d	Vanadium	7440-62-2	mg/L	7/20/2020	ND	
MW-28	d	Vanadium	7440-62-2	mg/L	7/20/2020	ND	
MW-51	d	Vanadium	7440-62-2	mg/L	7/20/2020	ND	
MW-55	d	Vanadium	7440-62-2	mg/L	7/20/2020	ND	
MW-56	d	Vanadium	7440-62-2	mg/L	7/20/2020	J	0.00323
MW-57R	d	Vanadium	7440-62-2	mg/L	7/20/2020	J	0.00239
MW-73	d	Vanadium	7440-62-2	mg/L	7/20/2020	J	0.00151
MW-18	d	Vanadium	7440-62-2	mg/L	7/21/2020	ND	
MW-50	d	Vanadium	7440-62-2	mg/L	7/21/2020	J	0.000974
MW-52	d	Vanadium	7440-62-2	mg/L	7/21/2020	ND	
MW-53	d	Vanadium	7440-62-2	mg/L	7/21/2020	ND	
MW-54	d	Vanadium	7440-62-2	mg/L	7/21/2020	ND	
MW-55	d	Vanadium	7440-62-2	mg/L	11/12/2020	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-32R	d	Vanadium	7440-62-2	mg/L	8/24/2021	J	0.00381
MW-33R	d	Vanadium	7440-62-2	mg/L	8/24/2021	J	0.00124
MW-14R	d	Vanadium	7440-62-2	mg/L	8/24/2021		<0.00500
MW-31R	d	Vanadium	7440-62-2	mg/L	8/24/2021		<0.00500
MW-29	d	Vanadium	7440-62-2	mg/L	8/25/2021		<0.00500
MW-58	d	Vanadium	7440-62-2	mg/L	8/25/2021		<0.00500
MW-30R	d	Vanadium	7440-62-2	mg/L	8/25/2021	J	0.00126
MW-57R	d	Vanadium	7440-62-2	mg/L	8/26/2021	J	0.00218
MW-73	d	Vanadium	7440-62-2	mg/L	8/27/2021		0.0072
GU-3A	d	Vanadium	7440-62-2	mg/L	9/8/2021		<0.00500
MW-24R	u	Vanadium	7440-62-2	mg/L	12/7/2021	J	0.0012
MW-28	d	Vanadium	7440-62-2	mg/L	12/7/2021		<0.00500
MW-57R	d	Vanadium	7440-62-2	mg/L	12/7/2021	J	0.00266
MW-73	d	Vanadium	7440-62-2	mg/L	12/7/2021	J	0.00337
MW-56	d	Vanadium	7440-62-2	mg/L	12/7/2021		<0.00500
MW-19	d	Vanadium	7440-62-2	mg/L	12/7/2021		<0.00500
MW-18	d	Vanadium	7440-62-2	mg/L	12/7/2021		<0.00500
MW-55	d	Vanadium	7440-62-2	mg/L	12/7/2021		<0.00500
MW-50	d	Vanadium	7440-62-2	mg/L	12/7/2021	J	0.00163
MW-23	u	Vanadium	7440-62-2	mg/L	12/8/2021		<0.00500
MW-39	d	Vanadium	7440-62-2	mg/L	12/8/2021		<0.00500
MW-51	d	Vanadium	7440-62-2	mg/L	12/8/2021		<0.00500
MW-52	d	Vanadium	7440-62-2	mg/L	12/8/2021		<0.00500
MW-53	d	Vanadium	7440-62-2	mg/L	12/8/2021		<0.00500
MW-54	d	Vanadium	7440-62-2	mg/L	12/8/2021		<0.00500
MW-51	d	Vinyl Acetate	108-05-4	ug/L	1/15/2010	ND	
MW-24R	u	Vinyl Acetate	108-05-4	ug/L	2/11/2010	ND	
MW-53	d	Vinyl Acetate	108-05-4	ug/L	2/11/2010	ND	
GU-3A	d	Vinyl Acetate	108-05-4	ug/L	3/24/2010	ND	
MW-20	d	Vinyl Acetate	108-05-4	ug/L	3/24/2010	ND	
MW-21	d	Vinyl Acetate	108-05-4	ug/L	3/24/2010	ND	
MW-22R	d	Vinyl Acetate	108-05-4	ug/L	3/24/2010	ND	
MW-52	d	Vinyl Acetate	108-05-4	ug/L	3/24/2010	ND	
MW-54	d	Vinyl Acetate	108-05-4	ug/L	3/24/2010	ND	
MW-55	d	Vinyl Acetate	108-05-4	ug/L	3/24/2010	ND	
MW-28	d	Vinyl Acetate	108-05-4	ug/L	4/9/2010	ND	
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	4/9/2010	ND	
MW-50	d	Vinyl Acetate	108-05-4	ug/L	4/9/2010	ND	
MW-56	d	Vinyl Acetate	108-05-4	ug/L	4/9/2010	ND	
MW-57	d	Vinyl Acetate	108-05-4	ug/L	4/9/2010	ND	
MW-58	d	Vinyl Acetate	108-05-4	ug/L	4/9/2010	ND	
MW-32R	d	Vinyl Acetate	108-05-4	ug/L	5/18/2010	ND	
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	6/17/2010	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	6/17/2010	ND	
MW-29	d	Vinyl Acetate	108-05-4	ug/L	6/17/2010	ND	
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	6/17/2010	ND	
MW-31R	d	Vinyl Acetate	108-05-4	ug/L	6/17/2010	ND	
MW-51	d	Vinyl Acetate	108-05-4	ug/L	6/17/2010	ND	
MW-21	d	Vinyl Acetate	108-05-4	ug/L	7/21/2010	ND	
MW-54	d	Vinyl Acetate	108-05-4	ug/L	7/21/2010	ND	
MW-20	d	Vinyl Acetate	108-05-4	ug/L	8/17/2010	ND	
MW-29	d	Vinyl Acetate	108-05-4	ug/L	8/17/2010	ND	
MW-39	d	Vinyl Acetate	108-05-4	ug/L	8/17/2010	ND	
MW-51	d	Vinyl Acetate	108-05-4	ug/L	8/17/2010	ND	
GU-3A	d	Vinyl Acetate	108-05-4	ug/L	9/17/2010	ND	
MW-22R	d	Vinyl Acetate	108-05-4	ug/L	9/17/2010	ND	
MW-55	d	Vinyl Acetate	108-05-4	ug/L	9/17/2010	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	10/22/2010	ND	
MW-24R	u	Vinyl Acetate	108-05-4	ug/L	10/22/2010	ND	
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	10/22/2010	ND	
MW-31R	d	Vinyl Acetate	108-05-4	ug/L	10/22/2010	ND	
MW-50	d	Vinyl Acetate	108-05-4	ug/L	10/22/2010	ND	
MW-53	d	Vinyl Acetate	108-05-4	ug/L	10/22/2010	ND	
MW-56	d	Vinyl Acetate	108-05-4	ug/L	10/22/2010	ND	
MW-58	d	Vinyl Acetate	108-05-4	ug/L	10/22/2010	ND	
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	11/8/2010	ND	
MW-32R	d	Vinyl Acetate	108-05-4	ug/L	11/8/2010	ND	
MW-57	d	Vinyl Acetate	108-05-4	ug/L	11/8/2010	ND	
MW-28	d	Vinyl Acetate	108-05-4	ug/L	12/15/2010	ND	
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	12/15/2010	ND	
MW-52	d	Vinyl Acetate	108-05-4	ug/L	12/15/2010	ND	
MW-54	d	Vinyl Acetate	108-05-4	ug/L	1/12/2011	ND	
MW-54	d	Vinyl Acetate	108-05-4	ug/L	1/12/2011	ND	
MW-20	d	Vinyl Acetate	108-05-4	ug/L	2/22/2011	ND	
MW-22R	d	Vinyl Acetate	108-05-4	ug/L	2/22/2011	ND	
MW-51	d	Vinyl Acetate	108-05-4	ug/L	2/22/2011	ND	
MW-52	d	Vinyl Acetate	108-05-4	ug/L	2/22/2011	ND	
MW-53	d	Vinyl Acetate	108-05-4	ug/L	2/22/2011	ND	
MW-55	d	Vinyl Acetate	108-05-4	ug/L	2/22/2011	ND	
GU-3A	d	Vinyl Acetate	108-05-4	ug/L	3/2/2011	ND	
MW-21	d	Vinyl Acetate	108-05-4	ug/L	3/2/2011	ND	
MW-21	d	Vinyl Acetate	108-05-4	ug/L	3/2/2011	ND	
MW-29	d	Vinyl Acetate	108-05-4	ug/L	4/21/2011	ND	
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	4/21/2011	ND	
MW-31R	d	Vinyl Acetate	108-05-4	ug/L	4/21/2011	ND	
MW-31R	d	Vinyl Acetate	108-05-4	ug/L	4/21/2011	ND	
MW-32R	d	Vinyl Acetate	108-05-4	ug/L	4/21/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-54	d	Vinyl Acetate	108-05-4	ug/L	5/31/2011	ND	
MW-56	d	Vinyl Acetate	108-05-4	ug/L	5/31/2011	ND	
MW-57	d	Vinyl Acetate	108-05-4	ug/L	5/31/2011	ND	
MW-58	d	Vinyl Acetate	108-05-4	ug/L	5/31/2011	ND	
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	6/7/2011	ND	
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	6/7/2011	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	6/7/2011	ND	
MW-28	d	Vinyl Acetate	108-05-4	ug/L	6/7/2011	ND	
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	6/7/2011	ND	
MW-39	d	Vinyl Acetate	108-05-4	ug/L	6/7/2011	ND	
MW-50	d	Vinyl Acetate	108-05-4	ug/L	6/7/2011	ND	
MW-52	d	Vinyl Acetate	108-05-4	ug/L	7/22/2011	ND	
MW-56	d	Vinyl Acetate	108-05-4	ug/L	7/22/2011	ND	
MW-58	d	Vinyl Acetate	108-05-4	ug/L	7/22/2011	ND	
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	8/29/2011	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	8/29/2011	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	8/29/2011	ND	
MW-32R	d	Vinyl Acetate	108-05-4	ug/L	8/29/2011	ND	
GU-3A	d	Vinyl Acetate	108-05-4	ug/L	9/9/2011	ND	
MW-22R	d	Vinyl Acetate	108-05-4	ug/L	9/9/2011	ND	
MW-28	d	Vinyl Acetate	108-05-4	ug/L	9/9/2011	ND	
MW-29	d	Vinyl Acetate	108-05-4	ug/L	9/9/2011	ND	
MW-51	d	Vinyl Acetate	108-05-4	ug/L	9/9/2011	ND	
MW-53	d	Vinyl Acetate	108-05-4	ug/L	9/9/2011	ND	
MW-53	d	Vinyl Acetate	108-05-4	ug/L	9/9/2011	ND	
MW-21	d	Vinyl Acetate	108-05-4	ug/L	10/4/2011	ND	
MW-50	d	Vinyl Acetate	108-05-4	ug/L	10/4/2011	ND	
MW-50	d	Vinyl Acetate	108-05-4	ug/L	10/4/2011	ND	
MW-54	d	Vinyl Acetate	108-05-4	ug/L	10/4/2011	ND	
MW-57	d	Vinyl Acetate	108-05-4	ug/L	10/4/2011	ND	
MW-20	d	Vinyl Acetate	108-05-4	ug/L	11/29/2011	ND	
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	11/29/2011	ND	
MW-52	d	Vinyl Acetate	108-05-4	ug/L	11/29/2011	ND	
MW-55	d	Vinyl Acetate	108-05-4	ug/L	11/29/2011	ND	
MW-31R	d	Vinyl Acetate	108-05-4	ug/L	12/16/2011	ND	
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	12/16/2011	ND	
MW-39	d	Vinyl Acetate	108-05-4	ug/L	12/16/2011	ND	
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	3/8/2012	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	3/8/2012	ND	
MW-20	d	Vinyl Acetate	108-05-4	ug/L	3/8/2012	ND	
MW-21	d	Vinyl Acetate	108-05-4	ug/L	3/8/2012	ND	
MW-22R	d	Vinyl Acetate	108-05-4	ug/L	3/8/2012	ND	
MW-28	d	Vinyl Acetate	108-05-4	ug/L	3/8/2012	ND	
MW-39	d	Vinyl Acetate	108-05-4	ug/L	3/8/2012	ND	
MW-55	d	Vinyl Acetate	108-05-4	ug/L	3/8/2012	ND	
MW-56	d	Vinyl Acetate	108-05-4	ug/L	3/8/2012	ND	
MW-57	d	Vinyl Acetate	108-05-4	ug/L	3/8/2012	ND	
MW-58	d	Vinyl Acetate	108-05-4	ug/L	3/8/2012	ND	
GU-3A	d	Vinyl Acetate	108-05-4	ug/L	6/13/2012	ND	
MW-29	d	Vinyl Acetate	108-05-4	ug/L	6/13/2012	ND	
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	6/13/2012	ND	
MW-31R	d	Vinyl Acetate	108-05-4	ug/L	6/13/2012	ND	
MW-32R	d	Vinyl Acetate	108-05-4	ug/L	6/13/2012	ND	
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	6/13/2012	ND	
MW-50	d	Vinyl Acetate	108-05-4	ug/L	6/13/2012	ND	
MW-50	d	Vinyl Acetate	108-05-4	ug/L	6/13/2012	ND	
MW-51	d	Vinyl Acetate	108-05-4	ug/L	6/13/2012	ND	
MW-52	d	Vinyl Acetate	108-05-4	ug/L	6/13/2012	ND	
MW-53	d	Vinyl Acetate	108-05-4	ug/L	6/13/2012	ND	
MW-54	d	Vinyl Acetate	108-05-4	ug/L	6/13/2012	ND	
GU-3A	d	Vinyl Acetate	108-05-4	ug/L	9/4/2012	ND	
MW-20	d	Vinyl Acetate	108-05-4	ug/L	9/4/2012	ND	
MW-21	d	Vinyl Acetate	108-05-4	ug/L	9/4/2012	ND	
MW-22R	d	Vinyl Acetate	108-05-4	ug/L	9/4/2012	ND	
MW-50	d	Vinyl Acetate	108-05-4	ug/L	9/4/2012	ND	
MW-51	d	Vinyl Acetate	108-05-4	ug/L	9/4/2012	ND	
MW-52	d	Vinyl Acetate	108-05-4	ug/L	9/4/2012	ND	
MW-53	d	Vinyl Acetate	108-05-4	ug/L	9/4/2012	ND	
MW-54	d	Vinyl Acetate	108-05-4	ug/L	9/4/2012	ND	
MW-54	d	Vinyl Acetate	108-05-4	ug/L	9/4/2012	ND	
MW-57	d	Vinyl Acetate	108-05-4	ug/L	9/4/2012	ND	
MW-58	d	Vinyl Acetate	108-05-4	ug/L	9/4/2012	ND	
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	12/19/2012	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	12/19/2012	ND	
MW-28	d	Vinyl Acetate	108-05-4	ug/L	12/19/2012	ND	
MW-29	d	Vinyl Acetate	108-05-4	ug/L	12/19/2012	ND	
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	12/19/2012	ND	
MW-31R	d	Vinyl Acetate	108-05-4	ug/L	12/19/2012	ND	
MW-32R	d	Vinyl Acetate	108-05-4	ug/L	12/19/2012	ND	
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	12/19/2012	ND	
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	12/19/2012	ND	
MW-39	d	Vinyl Acetate	108-05-4	ug/L	12/19/2012	ND	
MW-55	d	Vinyl Acetate	108-05-4	ug/L	12/19/2012	ND	
MW-56	d	Vinyl Acetate	108-05-4	ug/L	12/19/2012	ND	
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	3/11/2013	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	3/11/2013	ND	
MW-28	d	Vinyl Acetate	108-05-4	ug/L	3/11/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	Vinyl Acetate	108-05-4	ug/L	3/11/2013	ND	
MW-50	d	Vinyl Acetate	108-05-4	ug/L	3/11/2013	ND	
MW-50	d	Vinyl Acetate	108-05-4	ug/L	3/11/2013	ND	
MW-51	d	Vinyl Acetate	108-05-4	ug/L	3/11/2013	ND	
MW-52	d	Vinyl Acetate	108-05-4	ug/L	3/11/2013	ND	
MW-53	d	Vinyl Acetate	108-05-4	ug/L	3/11/2013	ND	
MW-54	d	Vinyl Acetate	108-05-4	ug/L	3/11/2013	ND	
MW-55	d	Vinyl Acetate	108-05-4	ug/L	3/11/2013	ND	
MW-56	d	Vinyl Acetate	108-05-4	ug/L	3/11/2013	ND	
MW-20	d	Vinyl Acetate	108-05-4	ug/L	6/10/2013	ND	
MW-20	d	Vinyl Acetate	108-05-4	ug/L	6/10/2013	ND	
MW-21	d	Vinyl Acetate	108-05-4	ug/L	6/10/2013	ND	
MW-22R	d	Vinyl Acetate	108-05-4	ug/L	6/10/2013	ND	
MW-29	d	Vinyl Acetate	108-05-4	ug/L	6/10/2013	ND	
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	6/10/2013	ND	
MW-31R	d	Vinyl Acetate	108-05-4	ug/L	6/10/2013	ND	
MW-32R	d	Vinyl Acetate	108-05-4	ug/L	6/10/2013	ND	
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	6/10/2013	ND	
MW-57	d	Vinyl Acetate	108-05-4	ug/L	6/10/2013	ND	
MW-58	d	Vinyl Acetate	108-05-4	ug/L	6/10/2013	ND	
GU-3A	d	Vinyl Acetate	108-05-4	ug/L	9/10/2013	ND	
MW-31R	d	Vinyl Acetate	108-05-4	ug/L	9/10/2013	ND	
MW-31R	d	Vinyl Acetate	108-05-4	ug/L	9/10/2013	ND	
MW-32R	d	Vinyl Acetate	108-05-4	ug/L	9/10/2013	ND	
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	9/10/2013	ND	
MW-50	d	Vinyl Acetate	108-05-4	ug/L	9/10/2013	ND	
MW-51	d	Vinyl Acetate	108-05-4	ug/L	9/10/2013	ND	
MW-52	d	Vinyl Acetate	108-05-4	ug/L	9/10/2013	ND	
MW-53	d	Vinyl Acetate	108-05-4	ug/L	9/10/2013	ND	
MW-54	d	Vinyl Acetate	108-05-4	ug/L	9/10/2013	ND	
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	12/18/2013	ND	
MW-18	d	Vinyl Acetate	108-05-4	ug/L	12/18/2013	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	12/18/2013	ND	
MW-20	d	Vinyl Acetate	108-05-4	ug/L	12/18/2013	ND	
MW-21	d	Vinyl Acetate	108-05-4	ug/L	12/18/2013	ND	
MW-22R	d	Vinyl Acetate	108-05-4	ug/L	12/18/2013	ND	
MW-28	d	Vinyl Acetate	108-05-4	ug/L	12/18/2013	ND	
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	12/18/2013	ND	
MW-39	d	Vinyl Acetate	108-05-4	ug/L	12/18/2013	ND	
MW-39	d	Vinyl Acetate	108-05-4	ug/L	12/18/2013	ND	
MW-55	d	Vinyl Acetate	108-05-4	ug/L	12/18/2013	ND	
MW-18	d	Vinyl Acetate	108-05-4	ug/L	3/20/2014	ND	
MW-20	d	Vinyl Acetate	108-05-4	ug/L	3/20/2014	ND	
MW-21	d	Vinyl Acetate	108-05-4	ug/L	3/20/2014	ND	
MW-21	d	Vinyl Acetate	108-05-4	ug/L	3/20/2014	ND	
MW-22R	d	Vinyl Acetate	108-05-4	ug/L	3/20/2014	ND	
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	3/20/2014	ND	
MW-31R	d	Vinyl Acetate	108-05-4	ug/L	3/20/2014	ND	
MW-32R	d	Vinyl Acetate	108-05-4	ug/L	3/20/2014	ND	
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	3/20/2014	ND	
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	6/24/2014	ND	
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	6/24/2014	ND	
MW-18	d	Vinyl Acetate	108-05-4	ug/L	6/24/2014	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	6/24/2014	ND	
MW-28	d	Vinyl Acetate	108-05-4	ug/L	6/24/2014	ND	
MW-39	d	Vinyl Acetate	108-05-4	ug/L	6/24/2014	ND	
MW-50	d	Vinyl Acetate	108-05-4	ug/L	6/24/2014	ND	
MW-51	d	Vinyl Acetate	108-05-4	ug/L	6/24/2014	ND	
MW-52	d	Vinyl Acetate	108-05-4	ug/L	6/24/2014	ND	
MW-53	d	Vinyl Acetate	108-05-4	ug/L	6/24/2014	ND	
MW-54	d	Vinyl Acetate	108-05-4	ug/L	6/24/2014	ND	
MW-55	d	Vinyl Acetate	108-05-4	ug/L	6/24/2014	ND	
MW-58	d	Vinyl Acetate	108-05-4	ug/L	6/24/2014	ND	
MW-29	d	Vinyl Acetate	108-05-4	ug/L	7/24/2014	ND	
MW-56	d	Vinyl Acetate	108-05-4	ug/L	7/24/2014	ND	
MW-57	d	Vinyl Acetate	108-05-4	ug/L	7/24/2014	ND	
GU-3A	d	Vinyl Acetate	108-05-4	ug/L	9/24/2014	ND	
MW-18	d	Vinyl Acetate	108-05-4	ug/L	9/24/2014	ND	
MW-29	d	Vinyl Acetate	108-05-4	ug/L	9/24/2014	ND	
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	9/24/2014	ND	
MW-31R	d	Vinyl Acetate	108-05-4	ug/L	9/24/2014	ND	
MW-31R	d	Vinyl Acetate	108-05-4	ug/L	9/24/2014	ND	
MW-32R	d	Vinyl Acetate	108-05-4	ug/L	9/24/2014	ND	
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	9/24/2014	ND	
MW-50	d	Vinyl Acetate	108-05-4	ug/L	9/24/2014	ND	
MW-51	d	Vinyl Acetate	108-05-4	ug/L	9/24/2014	ND	
MW-52	d	Vinyl Acetate	108-05-4	ug/L	9/24/2014	ND	
MW-53	d	Vinyl Acetate	108-05-4	ug/L	9/24/2014	ND	
MW-54	d	Vinyl Acetate	108-05-4	ug/L	9/24/2014	ND	
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	12/4/2014	ND	
MW-18	d	Vinyl Acetate	108-05-4	ug/L	12/4/2014	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	12/4/2014	ND	
MW-20	d	Vinyl Acetate	108-05-4	ug/L	12/4/2014	ND	
MW-21	d	Vinyl Acetate	108-05-4	ug/L	12/4/2014	ND	
MW-22R	d	Vinyl Acetate	108-05-4	ug/L	12/4/2014	ND	
MW-28	d	Vinyl Acetate	108-05-4	ug/L	12/4/2014	ND	
MW-39	d	Vinyl Acetate	108-05-4	ug/L	12/4/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	Vinyl Acetate	108-05-4	ug/L	12/4/2014	ND	
MW-57	d	Vinyl Acetate	108-05-4	ug/L	12/4/2014	ND	
MW-57	d	Vinyl Acetate	108-05-4	ug/L	12/4/2014	ND	
MW-58	d	Vinyl Acetate	108-05-4	ug/L	12/4/2014	ND	
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	3/11/2015	ND	
MW-18	d	Vinyl Acetate	108-05-4	ug/L	3/11/2015	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	3/11/2015	ND	
MW-20	d	Vinyl Acetate	108-05-4	ug/L	3/11/2015	ND	
MW-21	d	Vinyl Acetate	108-05-4	ug/L	3/11/2015	ND	
MW-22R	d	Vinyl Acetate	108-05-4	ug/L	3/11/2015	ND	
MW-28	d	Vinyl Acetate	108-05-4	ug/L	3/11/2015	ND	
MW-39	d	Vinyl Acetate	108-05-4	ug/L	3/11/2015	ND	
MW-55	d	Vinyl Acetate	108-05-4	ug/L	3/11/2015	ND	
MW-56	d	Vinyl Acetate	108-05-4	ug/L	3/11/2015	ND	
MW-57	d	Vinyl Acetate	108-05-4	ug/L	3/11/2015	ND	
MW-58	d	Vinyl Acetate	108-05-4	ug/L	3/11/2015	ND	
MW-58	d	Vinyl Acetate	108-05-4	ug/L	3/11/2015	ND	
MW-29	d	Vinyl Acetate	108-05-4	ug/L	6/29/2015	ND	
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	6/29/2015	ND	
MW-31R	d	Vinyl Acetate	108-05-4	ug/L	6/29/2015	ND	
MW-31R	d	Vinyl Acetate	108-05-4	ug/L	6/29/2015	ND	
MW-32R	d	Vinyl Acetate	108-05-4	ug/L	6/29/2015	ND	
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	6/29/2015	ND	
MW-50	d	Vinyl Acetate	108-05-4	ug/L	6/29/2015	ND	
MW-51	d	Vinyl Acetate	108-05-4	ug/L	6/29/2015	ND	
MW-52	d	Vinyl Acetate	108-05-4	ug/L	6/29/2015	ND	
MW-53	d	Vinyl Acetate	108-05-4	ug/L	6/29/2015	ND	
MW-54	d	Vinyl Acetate	108-05-4	ug/L	6/29/2015	ND	
GU-3A	d	Vinyl Acetate	108-05-4	ug/L	9/22/2015	ND	
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	2/15/2016	ND	
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	2/15/2016	ND	
MW-18	d	Vinyl Acetate	108-05-4	ug/L	2/15/2016	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	2/15/2016	ND	
MW-39	d	Vinyl Acetate	108-05-4	ug/L	2/15/2016	ND	
MW-20	d	Vinyl Acetate	108-05-4	ug/L	2/16/2016	ND	
MW-21	d	Vinyl Acetate	108-05-4	ug/L	2/16/2016	ND	
MW-55	d	Vinyl Acetate	108-05-4	ug/L	2/16/2016	ND	
MW-56	d	Vinyl Acetate	108-05-4	ug/L	2/16/2016	ND	
MW-57	d	Vinyl Acetate	108-05-4	ug/L	2/16/2016	ND	
MW-58	d	Vinyl Acetate	108-05-4	ug/L	2/16/2016	ND	
MW-22R	d	Vinyl Acetate	108-05-4	ug/L	2/17/2016	ND	
MW-28	d	Vinyl Acetate	108-05-4	ug/L	8/25/2016	ND	
MW-29	d	Vinyl Acetate	108-05-4	ug/L	8/25/2016	ND	
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	8/25/2016	ND	
MW-31R	d	Vinyl Acetate	108-05-4	ug/L	8/25/2016	ND	
MW-32R	d	Vinyl Acetate	108-05-4	ug/L	8/25/2016	ND	
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	8/25/2016	ND	
MW-50	d	Vinyl Acetate	108-05-4	ug/L	8/25/2016	ND	
MW-51	d	Vinyl Acetate	108-05-4	ug/L	8/25/2016	ND	
MW-52	d	Vinyl Acetate	108-05-4	ug/L	8/25/2016	ND	
MW-53	d	Vinyl Acetate	108-05-4	ug/L	8/25/2016	ND	
MW-54	d	Vinyl Acetate	108-05-4	ug/L	8/25/2016	ND	
GU-3A	d	Vinyl Acetate	108-05-4	ug/L	8/26/2016	ND	
MW-18	d	Vinyl Acetate	108-05-4	ug/L	1/17/2017	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	1/17/2017	ND	
MW-22R	d	Vinyl Acetate	108-05-4	ug/L	1/17/2017	ND	
MW-28	d	Vinyl Acetate	108-05-4	ug/L	1/17/2017	ND	
MW-28	d	Vinyl Acetate	108-05-4	ug/L	1/17/2017	ND	
MW-39	d	Vinyl Acetate	108-05-4	ug/L	1/17/2017	ND	
MW-50	d	Vinyl Acetate	108-05-4	ug/L	1/17/2017	ND	
MW-51	d	Vinyl Acetate	108-05-4	ug/L	1/17/2017	ND	
MW-53	d	Vinyl Acetate	108-05-4	ug/L	1/17/2017	ND	
MW-54	d	Vinyl Acetate	108-05-4	ug/L	1/17/2017	ND	
MW-56	d	Vinyl Acetate	108-05-4	ug/L	1/17/2017	ND	
GU-3A	d	Vinyl Acetate	108-05-4	ug/L	7/10/2017	ND	
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	7/10/2017	ND	
MW-20	d	Vinyl Acetate	108-05-4	ug/L	7/10/2017	ND	
MW-21	d	Vinyl Acetate	108-05-4	ug/L	7/10/2017	ND	
MW-29	d	Vinyl Acetate	108-05-4	ug/L	7/10/2017	ND	
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	7/10/2017	ND	
MW-31R	d	Vinyl Acetate	108-05-4	ug/L	7/10/2017	ND	
MW-32R	d	Vinyl Acetate	108-05-4	ug/L	7/10/2017	ND	
MW-32R	d	Vinyl Acetate	108-05-4	ug/L	7/10/2017	ND	
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	7/10/2017	ND	
MW-57	d	Vinyl Acetate	108-05-4	ug/L	7/10/2017	ND	
MW-58	d	Vinyl Acetate	108-05-4	ug/L	7/10/2017	ND	
MW-52	d	Vinyl Acetate	108-05-4	ug/L	10/17/2017	ND	
MW-55	d	Vinyl Acetate	108-05-4	ug/L	10/17/2017	ND	
GU-3A	d	Vinyl Acetate	108-05-4	ug/L	4/3/2018	ND	
GU-3A	d	Vinyl Acetate	108-05-4	ug/L	4/3/2018	ND	
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	4/3/2018	ND	
MW-20	d	Vinyl Acetate	108-05-4	ug/L	4/3/2018	ND	
MW-21	d	Vinyl Acetate	108-05-4	ug/L	4/3/2018	ND	
MW-29	d	Vinyl Acetate	108-05-4	ug/L	4/3/2018	ND	
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	4/3/2018	ND	
MW-31R	d	Vinyl Acetate	108-05-4	ug/L	4/3/2018	ND	
MW-32R	d	Vinyl Acetate	108-05-4	ug/L	4/3/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	4/3/2018	ND	
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	4/3/2018	ND	
MW-57	d	Vinyl Acetate	108-05-4	ug/L	4/3/2018	ND	
MW-58	d	Vinyl Acetate	108-05-4	ug/L	4/3/2018	ND	
MW-39	d	Vinyl Acetate	108-05-4	ug/L	11/1/2018	ND	
MW-50	d	Vinyl Acetate	108-05-4	ug/L	11/1/2018	ND	
MW-51	d	Vinyl Acetate	108-05-4	ug/L	11/1/2018	ND	
MW-52	d	Vinyl Acetate	108-05-4	ug/L	11/1/2018	ND	
MW-53	d	Vinyl Acetate	108-05-4	ug/L	11/1/2018	ND	
MW-54	d	Vinyl Acetate	108-05-4	ug/L	11/1/2018	ND	
MW-55	d	Vinyl Acetate	108-05-4	ug/L	11/1/2018	ND	
MW-18	d	Vinyl Acetate	108-05-4	ug/L	11/2/2018	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	11/2/2018	ND	
MW-22R	d	Vinyl Acetate	108-05-4	ug/L	11/2/2018	ND	
MW-28	d	Vinyl Acetate	108-05-4	ug/L	11/2/2018	ND	
MW-56	d	Vinyl Acetate	108-05-4	ug/L	11/2/2018	NDH	
MW-18	d	Vinyl Acetate	108-05-4	ug/L	5/16/2019	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	5/16/2019	ND	
MW-23	u	Vinyl Acetate	108-05-4	ug/L	5/16/2019	ND	
MW-24R	u	Vinyl Acetate	108-05-4	ug/L	5/16/2019	ND	
MW-28	d	Vinyl Acetate	108-05-4	ug/L	5/16/2019	ND	
MW-55	d	Vinyl Acetate	108-05-4	ug/L	5/16/2019	ND	
MW-50	d	Vinyl Acetate	108-05-4	ug/L	5/20/2019	ND	
MW-51	d	Vinyl Acetate	108-05-4	ug/L	5/20/2019	ND	
MW-52	d	Vinyl Acetate	108-05-4	ug/L	5/20/2019	ND	
MW-54	d	Vinyl Acetate	108-05-4	ug/L	5/20/2019	ND	
MW-56	d	Vinyl Acetate	108-05-4	ug/L	5/20/2019	ND	
MW-53	d	Vinyl Acetate	108-05-4	ug/L	5/21/2019	ND	
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	9/11/2019	ND	
MW-29	d	Vinyl Acetate	108-05-4	ug/L	9/11/2019	ND	
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	9/11/2019	ND	
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	9/11/2019	ND	
MW-58	d	Vinyl Acetate	108-05-4	ug/L	9/11/2019	ND	
GU-3A	d	Vinyl Acetate	108-05-4	ug/L	3/16/2020	ND	
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	3/16/2020	ND	
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	3/17/2020	ND	
MW-29	d	Vinyl Acetate	108-05-4	ug/L	3/17/2020	ND	
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	3/17/2020	ND	
MW-58	d	Vinyl Acetate	108-05-4	ug/L	3/17/2020	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	7/20/2020	ND	
MW-28	d	Vinyl Acetate	108-05-4	ug/L	7/20/2020	ND	
MW-51	d	Vinyl Acetate	108-05-4	ug/L	7/20/2020	ND	
MW-55	d	Vinyl Acetate	108-05-4	ug/L	7/20/2020	ND	
MW-56	d	Vinyl Acetate	108-05-4	ug/L	7/20/2020	ND	
MW-57R	d	Vinyl Acetate	108-05-4	ug/L	7/20/2020	ND	
MW-73	d	Vinyl Acetate	108-05-4	ug/L	7/20/2020	ND	
MW-18	d	Vinyl Acetate	108-05-4	ug/L	7/21/2020	ND	
MW-50	d	Vinyl Acetate	108-05-4	ug/L	7/21/2020	ND	
MW-52	d	Vinyl Acetate	108-05-4	ug/L	7/21/2020	ND	
MW-53	d	Vinyl Acetate	108-05-4	ug/L	7/21/2020	ND	
MW-54	d	Vinyl Acetate	108-05-4	ug/L	7/21/2020	ND	
MW-23	u	Vinyl Acetate	108-05-4	ug/L	7/22/2020	ND	
MW-24R	u	Vinyl Acetate	108-05-4	ug/L	7/22/2020	ND	
MW-55	d	Vinyl Acetate	108-05-4	ug/L	11/12/2020	ND	
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	8/24/2021		<10.0
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	8/24/2021		<10.0
MW-29	d	Vinyl Acetate	108-05-4	ug/L	8/25/2021		<10.0
MW-58	d	Vinyl Acetate	108-05-4	ug/L	8/25/2021		<10.0
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	8/25/2021		<10.0
MW-68	d	Vinyl Acetate	108-05-4	ug/L	8/25/2021		<10.0
MW-69	d	Vinyl Acetate	108-05-4	ug/L	8/25/2021		<10.0
MW-70	d	Vinyl Acetate	108-05-4	ug/L	8/26/2021	*+	<10.0
MW-57R	d	Vinyl Acetate	108-05-4	ug/L	8/26/2021		<10.0
PZ-13	d	Vinyl Acetate	108-05-4	ug/L	8/27/2021		<10.0
MW-73	d	Vinyl Acetate	108-05-4	ug/L	8/27/2021		<10.0
GU-3A	d	Vinyl Acetate	108-05-4	ug/L	9/8/2021		<10.0
MW-24R	u	Vinyl Acetate	108-05-4	ug/L	12/7/2021		<10.0
MW-28	d	Vinyl Acetate	108-05-4	ug/L	12/7/2021		<10.0
MW-57R	d	Vinyl Acetate	108-05-4	ug/L	12/7/2021		<10.0
MW-73	d	Vinyl Acetate	108-05-4	ug/L	12/7/2021		<10.0
MW-56	d	Vinyl Acetate	108-05-4	ug/L	12/7/2021		<10.0
MW-19	d	Vinyl Acetate	108-05-4	ug/L	12/7/2021		<10.0
MW-18	d	Vinyl Acetate	108-05-4	ug/L	12/7/2021		<10.0
MW-55	d	Vinyl Acetate	108-05-4	ug/L	12/7/2021		<10.0
MW-50	d	Vinyl Acetate	108-05-4	ug/L	12/7/2021		<10.0
MW-23	u	Vinyl Acetate	108-05-4	ug/L	12/8/2021		<10.0
MW-39	d	Vinyl Acetate	108-05-4	ug/L	12/8/2021		<10.0
MW-51	d	Vinyl Acetate	108-05-4	ug/L	12/8/2021		<10.0
MW-52	d	Vinyl Acetate	108-05-4	ug/L	12/8/2021		<10.0
MW-53	d	Vinyl Acetate	108-05-4	ug/L	12/8/2021		<10.0
MW-54	d	Vinyl Acetate	108-05-4	ug/L	12/8/2021		<10.0
MW-51	d	Vinyl Chloride	75-01-4	ug/L	1/15/2010	ND	
MW-24R	u	Vinyl Chloride	75-01-4	ug/L	2/11/2010	ND	
MW-53	d	Vinyl Chloride	75-01-4	ug/L	2/11/2010		4.69
GU-3A	d	Vinyl Chloride	75-01-4	ug/L	3/24/2010	ND	
MW-20	d	Vinyl Chloride	75-01-4	ug/L	3/24/2010	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	3/24/2010	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-22R	d	Vinyl Chloride	75-01-4	ug/L	3/24/2010	ND	
MW-52	d	Vinyl Chloride	75-01-4	ug/L	3/24/2010	ND	
MW-54	d	Vinyl Chloride	75-01-4	ug/L	3/24/2010	ND	
MW-55	d	Vinyl Chloride	75-01-4	ug/L	3/24/2010	ND	
MW-28	d	Vinyl Chloride	75-01-4	ug/L	4/9/2010	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	4/9/2010	ND	
MW-50	d	Vinyl Chloride	75-01-4	ug/L	4/9/2010	ND	
MW-56	d	Vinyl Chloride	75-01-4	ug/L	4/9/2010	ND	
MW-57	d	Vinyl Chloride	75-01-4	ug/L	4/9/2010	ND	
MW-58	d	Vinyl Chloride	75-01-4	ug/L	4/9/2010	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	5/18/2010	ND	
MW-53	d	Vinyl Chloride	75-01-4	ug/L	5/18/2010		6.47
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	6/17/2010	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	6/17/2010	ND	
MW-29	d	Vinyl Chloride	75-01-4	ug/L	6/17/2010		4.77
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	6/17/2010		9.74
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	6/17/2010	ND	
MW-51	d	Vinyl Chloride	75-01-4	ug/L	6/17/2010	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	7/21/2010	ND	
MW-54	d	Vinyl Chloride	75-01-4	ug/L	7/21/2010	ND	
MW-20	d	Vinyl Chloride	75-01-4	ug/L	8/17/2010	ND	
MW-29	d	Vinyl Chloride	75-01-4	ug/L	8/17/2010		5.65
MW-39	d	Vinyl Chloride	75-01-4	ug/L	8/17/2010	ND	
MW-51	d	Vinyl Chloride	75-01-4	ug/L	8/17/2010	ND	
GU-3A	d	Vinyl Chloride	75-01-4	ug/L	9/17/2010	ND	
MW-22R	d	Vinyl Chloride	75-01-4	ug/L	9/17/2010	ND	
MW-55	d	Vinyl Chloride	75-01-4	ug/L	9/17/2010	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	10/22/2010	ND	
MW-24R	u	Vinyl Chloride	75-01-4	ug/L	10/22/2010	ND	
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	10/22/2010		7.77
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	10/22/2010	ND	
MW-50	d	Vinyl Chloride	75-01-4	ug/L	10/22/2010	ND	
MW-53	d	Vinyl Chloride	75-01-4	ug/L	10/22/2010		4.53
MW-56	d	Vinyl Chloride	75-01-4	ug/L	10/22/2010	ND	
MW-58	d	Vinyl Chloride	75-01-4	ug/L	10/22/2010	ND	
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	11/8/2010	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	11/8/2010	ND	
MW-57	d	Vinyl Chloride	75-01-4	ug/L	11/8/2010	ND	
MW-28	d	Vinyl Chloride	75-01-4	ug/L	12/15/2010	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	12/15/2010	ND	
MW-52	d	Vinyl Chloride	75-01-4	ug/L	12/15/2010	ND	
MW-54	d	Vinyl Chloride	75-01-4	ug/L	1/12/2011	ND	
MW-54	d	Vinyl Chloride	75-01-4	ug/L	1/12/2011	ND	
MW-20	d	Vinyl Chloride	75-01-4	ug/L	2/22/2011	ND	
MW-22R	d	Vinyl Chloride	75-01-4	ug/L	2/22/2011	ND	
MW-51	d	Vinyl Chloride	75-01-4	ug/L	2/22/2011	ND	
MW-52	d	Vinyl Chloride	75-01-4	ug/L	2/22/2011	ND	
MW-53	d	Vinyl Chloride	75-01-4	ug/L	2/22/2011		5.2
MW-55	d	Vinyl Chloride	75-01-4	ug/L	2/22/2011	ND	
GU-3A	d	Vinyl Chloride	75-01-4	ug/L	3/2/2011	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	3/2/2011	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	3/2/2011	ND	
MW-29	d	Vinyl Chloride	75-01-4	ug/L	4/21/2011		6.15
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	4/21/2011		9.35
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	4/21/2011	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	4/21/2011	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	4/21/2011	ND	
MW-54	d	Vinyl Chloride	75-01-4	ug/L	5/31/2011	ND	
MW-56	d	Vinyl Chloride	75-01-4	ug/L	5/31/2011	ND	
MW-57	d	Vinyl Chloride	75-01-4	ug/L	5/31/2011	ND	
MW-58	d	Vinyl Chloride	75-01-4	ug/L	5/31/2011	ND	
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	6/7/2011	ND	
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	6/7/2011	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	6/7/2011	ND	
MW-28	d	Vinyl Chloride	75-01-4	ug/L	6/7/2011	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	6/7/2011	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	6/7/2011	ND	
MW-50	d	Vinyl Chloride	75-01-4	ug/L	6/7/2011	ND	
MW-52	d	Vinyl Chloride	75-01-4	ug/L	7/22/2011	ND	
MW-56	d	Vinyl Chloride	75-01-4	ug/L	7/22/2011	ND	
MW-58	d	Vinyl Chloride	75-01-4	ug/L	7/22/2011	ND	
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	8/29/2011	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	8/29/2011	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	8/29/2011	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	8/29/2011	ND	
GU-3A	d	Vinyl Chloride	75-01-4	ug/L	9/9/2011	ND	
MW-22R	d	Vinyl Chloride	75-01-4	ug/L	9/9/2011	ND	
MW-28	d	Vinyl Chloride	75-01-4	ug/L	9/9/2011	ND	
MW-29	d	Vinyl Chloride	75-01-4	ug/L	9/9/2011		3.17
MW-51	d	Vinyl Chloride	75-01-4	ug/L	9/9/2011	ND	
MW-53	d	Vinyl Chloride	75-01-4	ug/L	9/9/2011		5.9
MW-53	d	Vinyl Chloride	75-01-4	ug/L	9/9/2011		5.64
MW-21	d	Vinyl Chloride	75-01-4	ug/L	10/4/2011	ND	
MW-50	d	Vinyl Chloride	75-01-4	ug/L	10/4/2011	ND	
MW-50	d	Vinyl Chloride	75-01-4	ug/L	10/4/2011	ND	
MW-54	d	Vinyl Chloride	75-01-4	ug/L	10/4/2011	ND	
MW-57	d	Vinyl Chloride	75-01-4	ug/L	10/4/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-20	d	Vinyl Chloride	75-01-4	ug/L	11/29/2011	ND	
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	11/29/2011		8.49
MW-52	d	Vinyl Chloride	75-01-4	ug/L	11/29/2011	ND	
MW-55	d	Vinyl Chloride	75-01-4	ug/L	11/29/2011	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	12/16/2011	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	12/16/2011	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	12/16/2011	ND	
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	3/8/2012	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	3/8/2012	ND	
MW-20	d	Vinyl Chloride	75-01-4	ug/L	3/8/2012	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	3/8/2012	ND	
MW-22R	d	Vinyl Chloride	75-01-4	ug/L	3/8/2012	ND	
MW-28	d	Vinyl Chloride	75-01-4	ug/L	3/8/2012	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	3/8/2012	ND	
MW-55	d	Vinyl Chloride	75-01-4	ug/L	3/8/2012	ND	
MW-56	d	Vinyl Chloride	75-01-4	ug/L	3/8/2012	ND	
MW-57	d	Vinyl Chloride	75-01-4	ug/L	3/8/2012	ND	
MW-58	d	Vinyl Chloride	75-01-4	ug/L	3/8/2012	ND	
GU-3A	d	Vinyl Chloride	75-01-4	ug/L	6/13/2012	ND	
MW-29	d	Vinyl Chloride	75-01-4	ug/L	6/13/2012		4.06
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	6/13/2012		10.7
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	6/13/2012	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	6/13/2012	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	6/13/2012	ND	
MW-50	d	Vinyl Chloride	75-01-4	ug/L	6/13/2012	ND	
MW-50	d	Vinyl Chloride	75-01-4	ug/L	6/13/2012	ND	
MW-51	d	Vinyl Chloride	75-01-4	ug/L	6/13/2012	ND	
MW-52	d	Vinyl Chloride	75-01-4	ug/L	6/13/2012	ND	
MW-53	d	Vinyl Chloride	75-01-4	ug/L	6/13/2012		6.09
MW-54	d	Vinyl Chloride	75-01-4	ug/L	6/13/2012	ND	
GU-3A	d	Vinyl Chloride	75-01-4	ug/L	9/4/2012	ND	
MW-20	d	Vinyl Chloride	75-01-4	ug/L	9/4/2012	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	9/4/2012	ND	
MW-22R	d	Vinyl Chloride	75-01-4	ug/L	9/4/2012	ND	
MW-50	d	Vinyl Chloride	75-01-4	ug/L	9/4/2012	ND	
MW-51	d	Vinyl Chloride	75-01-4	ug/L	9/4/2012	ND	
MW-52	d	Vinyl Chloride	75-01-4	ug/L	9/4/2012	ND	
MW-53	d	Vinyl Chloride	75-01-4	ug/L	9/4/2012		5.27
MW-54	d	Vinyl Chloride	75-01-4	ug/L	9/4/2012	ND	
MW-54	d	Vinyl Chloride	75-01-4	ug/L	9/4/2012	ND	
MW-57	d	Vinyl Chloride	75-01-4	ug/L	9/4/2012	ND	
MW-58	d	Vinyl Chloride	75-01-4	ug/L	9/4/2012	ND	
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	12/19/2012	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	12/19/2012	ND	
MW-28	d	Vinyl Chloride	75-01-4	ug/L	12/19/2012	ND	
MW-29	d	Vinyl Chloride	75-01-4	ug/L	12/19/2012		4.28
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	12/19/2012		8.75
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	12/19/2012	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	12/19/2012	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	12/19/2012	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	12/19/2012	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	12/19/2012	ND	
MW-55	d	Vinyl Chloride	75-01-4	ug/L	12/19/2012	ND	
MW-56	d	Vinyl Chloride	75-01-4	ug/L	12/19/2012	ND	
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	3/11/2013	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	3/11/2013	ND	
MW-28	d	Vinyl Chloride	75-01-4	ug/L	3/11/2013	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	3/11/2013	ND	
MW-50	d	Vinyl Chloride	75-01-4	ug/L	3/11/2013	ND	
MW-50	d	Vinyl Chloride	75-01-4	ug/L	3/11/2013	ND	
MW-51	d	Vinyl Chloride	75-01-4	ug/L	3/11/2013	ND	
MW-52	d	Vinyl Chloride	75-01-4	ug/L	3/11/2013	ND	
MW-53	d	Vinyl Chloride	75-01-4	ug/L	3/11/2013		5.59
MW-54	d	Vinyl Chloride	75-01-4	ug/L	3/11/2013	ND	
MW-55	d	Vinyl Chloride	75-01-4	ug/L	3/11/2013	ND	
MW-56	d	Vinyl Chloride	75-01-4	ug/L	3/11/2013	ND	
MW-20	d	Vinyl Chloride	75-01-4	ug/L	6/10/2013	ND	
MW-20	d	Vinyl Chloride	75-01-4	ug/L	6/10/2013	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	6/10/2013	ND	
MW-22R	d	Vinyl Chloride	75-01-4	ug/L	6/10/2013	ND	
MW-29	d	Vinyl Chloride	75-01-4	ug/L	6/10/2013		2.49
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	6/10/2013		7.62
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	6/10/2013	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	6/10/2013	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	6/10/2013	ND	
MW-57	d	Vinyl Chloride	75-01-4	ug/L	6/10/2013	ND	
MW-58	d	Vinyl Chloride	75-01-4	ug/L	6/10/2013	ND	
GU-3A	d	Vinyl Chloride	75-01-4	ug/L	9/10/2013	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	9/10/2013	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	9/10/2013	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	9/10/2013	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	9/10/2013	ND	
MW-50	d	Vinyl Chloride	75-01-4	ug/L	9/10/2013	ND	
MW-51	d	Vinyl Chloride	75-01-4	ug/L	9/10/2013	ND	
MW-52	d	Vinyl Chloride	75-01-4	ug/L	9/10/2013	ND	
MW-53	d	Vinyl Chloride	75-01-4	ug/L	9/10/2013		4.69
MW-54	d	Vinyl Chloride	75-01-4	ug/L	9/10/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	12/18/2013	ND	
MW-18	d	Vinyl Chloride	75-01-4	ug/L	12/18/2013	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	12/18/2013	ND	
MW-20	d	Vinyl Chloride	75-01-4	ug/L	12/18/2013	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	12/18/2013	ND	
MW-22R	d	Vinyl Chloride	75-01-4	ug/L	12/18/2013	ND	
MW-28	d	Vinyl Chloride	75-01-4	ug/L	12/18/2013	ND	
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	12/18/2013		9.31
MW-39	d	Vinyl Chloride	75-01-4	ug/L	12/18/2013	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	12/18/2013	ND	
MW-55	d	Vinyl Chloride	75-01-4	ug/L	12/18/2013	ND	
MW-18	d	Vinyl Chloride	75-01-4	ug/L	3/20/2014	ND	
MW-20	d	Vinyl Chloride	75-01-4	ug/L	3/20/2014	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	3/20/2014	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	3/20/2014	ND	
MW-22R	d	Vinyl Chloride	75-01-4	ug/L	3/20/2014	ND	
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	3/20/2014		8.2
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	3/20/2014	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	3/20/2014	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	3/20/2014	ND	
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	6/24/2014	ND	
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	6/24/2014	ND	
MW-18	d	Vinyl Chloride	75-01-4	ug/L	6/24/2014	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	6/24/2014	ND	
MW-28	d	Vinyl Chloride	75-01-4	ug/L	6/24/2014	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	6/24/2014	ND	
MW-50	d	Vinyl Chloride	75-01-4	ug/L	6/24/2014	ND	
MW-51	d	Vinyl Chloride	75-01-4	ug/L	6/24/2014	ND	
MW-52	d	Vinyl Chloride	75-01-4	ug/L	6/24/2014	ND	
MW-53	d	Vinyl Chloride	75-01-4	ug/L	6/24/2014		4.66
MW-54	d	Vinyl Chloride	75-01-4	ug/L	6/24/2014	ND	
MW-55	d	Vinyl Chloride	75-01-4	ug/L	6/24/2014	ND	
MW-58	d	Vinyl Chloride	75-01-4	ug/L	6/24/2014	ND	
MW-29	d	Vinyl Chloride	75-01-4	ug/L	7/24/2014		3.42
MW-56	d	Vinyl Chloride	75-01-4	ug/L	7/24/2014	ND	
MW-57	d	Vinyl Chloride	75-01-4	ug/L	7/24/2014	ND	
GU-3A	d	Vinyl Chloride	75-01-4	ug/L	9/24/2014	ND	
MW-18	d	Vinyl Chloride	75-01-4	ug/L	9/24/2014	ND	
MW-29	d	Vinyl Chloride	75-01-4	ug/L	9/24/2014		3.23
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	9/24/2014		8.01
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	9/24/2014	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	9/24/2014	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	9/24/2014	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	9/24/2014	ND	
MW-50	d	Vinyl Chloride	75-01-4	ug/L	9/24/2014	ND	
MW-51	d	Vinyl Chloride	75-01-4	ug/L	9/24/2014	ND	
MW-52	d	Vinyl Chloride	75-01-4	ug/L	9/24/2014	ND	
MW-53	d	Vinyl Chloride	75-01-4	ug/L	9/24/2014		3.95
MW-54	d	Vinyl Chloride	75-01-4	ug/L	9/24/2014	ND	
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	12/4/2014	J	0.145
MW-18	d	Vinyl Chloride	75-01-4	ug/L	12/4/2014	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	12/4/2014	ND	
MW-20	d	Vinyl Chloride	75-01-4	ug/L	12/4/2014	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	12/4/2014	ND	
MW-22R	d	Vinyl Chloride	75-01-4	ug/L	12/4/2014	ND	
MW-28	d	Vinyl Chloride	75-01-4	ug/L	12/4/2014	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	12/4/2014	ND	
MW-56	d	Vinyl Chloride	75-01-4	ug/L	12/4/2014	ND	
MW-57	d	Vinyl Chloride	75-01-4	ug/L	12/4/2014	ND	
MW-57	d	Vinyl Chloride	75-01-4	ug/L	12/4/2014	ND	
MW-58	d	Vinyl Chloride	75-01-4	ug/L	12/4/2014	ND	
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	3/11/2015	J	0.24
MW-18	d	Vinyl Chloride	75-01-4	ug/L	3/11/2015	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	3/11/2015	ND	
MW-20	d	Vinyl Chloride	75-01-4	ug/L	3/11/2015	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	3/11/2015	ND	
MW-22R	d	Vinyl Chloride	75-01-4	ug/L	3/11/2015	ND	
MW-28	d	Vinyl Chloride	75-01-4	ug/L	3/11/2015	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	3/11/2015	ND	
MW-55	d	Vinyl Chloride	75-01-4	ug/L	3/11/2015	ND	
MW-56	d	Vinyl Chloride	75-01-4	ug/L	3/11/2015	ND	
MW-57	d	Vinyl Chloride	75-01-4	ug/L	3/11/2015	ND	
MW-58	d	Vinyl Chloride	75-01-4	ug/L	3/11/2015	ND	
MW-58	d	Vinyl Chloride	75-01-4	ug/L	3/11/2015	ND	
MW-29	d	Vinyl Chloride	75-01-4	ug/L	6/29/2015		4.71
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	6/29/2015		6.25
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	6/29/2015	ND	
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	6/29/2015	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	6/29/2015	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	6/29/2015	ND	
MW-50	d	Vinyl Chloride	75-01-4	ug/L	6/29/2015	ND	
MW-51	d	Vinyl Chloride	75-01-4	ug/L	6/29/2015	ND	
MW-52	d	Vinyl Chloride	75-01-4	ug/L	6/29/2015	ND	
MW-53	d	Vinyl Chloride	75-01-4	ug/L	6/29/2015		4.31
MW-54	d	Vinyl Chloride	75-01-4	ug/L	6/29/2015	ND	
MW-68	d	Vinyl Chloride	75-01-4	ug/L	6/30/2015	ND	
MW-69	d	Vinyl Chloride	75-01-4	ug/L	6/30/2015	J	0.767

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
PZ-13	d	Vinyl Chloride	75-01-4	ug/L	7/1/2015	ND	
GU-3A	d	Vinyl Chloride	75-01-4	ug/L	9/22/2015	ND	
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	9/22/2015	ND	
MW-20	d	Vinyl Chloride	75-01-4	ug/L	9/22/2015	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	9/22/2015	ND	
MW-29	d	Vinyl Chloride	75-01-4	ug/L	9/22/2015		4.85
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	9/22/2015		7.53
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	9/22/2015	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	9/22/2015	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	9/22/2015	ND	
MW-52	d	Vinyl Chloride	75-01-4	ug/L	9/22/2015	ND	
MW-53	d	Vinyl Chloride	75-01-4	ug/L	9/22/2015		3.83
MW-54	d	Vinyl Chloride	75-01-4	ug/L	9/22/2015	ND	
MW-57	d	Vinyl Chloride	75-01-4	ug/L	9/22/2015	ND	
MW-58	d	Vinyl Chloride	75-01-4	ug/L	9/22/2015	ND	
MW-68	d	Vinyl Chloride	75-01-4	ug/L	9/24/2015	J	0.702
MW-69	d	Vinyl Chloride	75-01-4	ug/L	9/24/2015	ND	
PZ-13	d	Vinyl Chloride	75-01-4	ug/L	9/25/2015	ND	
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	2/15/2016	ND	
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	2/15/2016	ND	
MW-18	d	Vinyl Chloride	75-01-4	ug/L	2/15/2016	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	2/15/2016	ND	
MW-29	d	Vinyl Chloride	75-01-4	ug/L	2/15/2016		3.75
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	2/15/2016		6.33
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	2/15/2016	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	2/15/2016	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	2/15/2016	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	2/15/2016	ND	
MW-20	d	Vinyl Chloride	75-01-4	ug/L	2/16/2016	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	2/16/2016	ND	
MW-34	d	Vinyl Chloride	75-01-4	ug/L	2/16/2016	ND	
MW-55	d	Vinyl Chloride	75-01-4	ug/L	2/16/2016	ND	
MW-56	d	Vinyl Chloride	75-01-4	ug/L	2/16/2016	ND	
MW-57	d	Vinyl Chloride	75-01-4	ug/L	2/16/2016	ND	
MW-58	d	Vinyl Chloride	75-01-4	ug/L	2/16/2016	ND	
MW-68	d	Vinyl Chloride	75-01-4	ug/L	2/16/2016	J	0.547
MW-69	d	Vinyl Chloride	75-01-4	ug/L	2/16/2016	J	0.602
PZ-13	d	Vinyl Chloride	75-01-4	ug/L	2/16/2016	ND	
MW-22R	d	Vinyl Chloride	75-01-4	ug/L	2/17/2016	ND	
MW-53	d	Vinyl Chloride	75-01-4	ug/L	2/17/2016		2.8
MW-54	d	Vinyl Chloride	75-01-4	ug/L	2/17/2016	ND	
MW-63	d	Vinyl Chloride	75-01-4	ug/L	2/17/2016	ND	
MW-64	d	Vinyl Chloride	75-01-4	ug/L	2/17/2016	ND	
MW-65	d	Vinyl Chloride	75-01-4	ug/L	2/17/2016	ND	
PZ-11	d	Vinyl Chloride	75-01-4	ug/L	2/17/2016	ND	
MW-52	d	Vinyl Chloride	75-01-4	ug/L	5/4/2016	ND	
MW-28	d	Vinyl Chloride	75-01-4	ug/L	8/25/2016	ND	
MW-29	d	Vinyl Chloride	75-01-4	ug/L	8/25/2016		2.63
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	8/25/2016		7.55
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	8/25/2016	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	8/25/2016	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	8/25/2016	ND	
MW-50	d	Vinyl Chloride	75-01-4	ug/L	8/25/2016	ND	
MW-51	d	Vinyl Chloride	75-01-4	ug/L	8/25/2016	ND	
MW-52	d	Vinyl Chloride	75-01-4	ug/L	8/25/2016	ND	
MW-53	d	Vinyl Chloride	75-01-4	ug/L	8/25/2016		3.27
MW-54	d	Vinyl Chloride	75-01-4	ug/L	8/25/2016	ND	
MW-68	d	Vinyl Chloride	75-01-4	ug/L	8/25/2016	J	0.506
GU-3A	d	Vinyl Chloride	75-01-4	ug/L	8/26/2016	ND	
MW-69	d	Vinyl Chloride	75-01-4	ug/L	8/26/2016	J	0.455
MW-70	d	Vinyl Chloride	75-01-4	ug/L	8/26/2016	ND	
PZ-13	d	Vinyl Chloride	75-01-4	ug/L	8/26/2016	ND	
MW-18	d	Vinyl Chloride	75-01-4	ug/L	1/17/2017	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	1/17/2017	ND	
MW-22R	d	Vinyl Chloride	75-01-4	ug/L	1/17/2017	ND	
MW-28	d	Vinyl Chloride	75-01-4	ug/L	1/17/2017	ND	
MW-28	d	Vinyl Chloride	75-01-4	ug/L	1/17/2017	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	1/17/2017	ND	
MW-50	d	Vinyl Chloride	75-01-4	ug/L	1/17/2017	ND	
MW-51	d	Vinyl Chloride	75-01-4	ug/L	1/17/2017	ND	
MW-53	d	Vinyl Chloride	75-01-4	ug/L	1/17/2017		2.16
MW-54	d	Vinyl Chloride	75-01-4	ug/L	1/17/2017	ND	
MW-56	d	Vinyl Chloride	75-01-4	ug/L	1/17/2017	ND	
GU-3A	d	Vinyl Chloride	75-01-4	ug/L	7/10/2017	ND	
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	7/10/2017	ND	
MW-20	d	Vinyl Chloride	75-01-4	ug/L	7/10/2017	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	7/10/2017	ND	
MW-29	d	Vinyl Chloride	75-01-4	ug/L	7/10/2017		3.3
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	7/10/2017		5.72
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	7/10/2017	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	7/10/2017	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	7/10/2017	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	7/10/2017	ND	
MW-57	d	Vinyl Chloride	75-01-4	ug/L	7/10/2017	ND	
MW-58	d	Vinyl Chloride	75-01-4	ug/L	7/10/2017	ND	
MW-68	d	Vinyl Chloride	75-01-4	ug/L	7/10/2017	J	0.471
MW-69	d	Vinyl Chloride	75-01-4	ug/L	7/10/2017	J	0.707

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-70	d	Vinyl Chloride	75-01-4	ug/L	7/10/2017	ND	
PZ-13	d	Vinyl Chloride	75-01-4	ug/L	7/10/2017	ND	
MW-52	d	Vinyl Chloride	75-01-4	ug/L	10/17/2017	ND	
MW-55	d	Vinyl Chloride	75-01-4	ug/L	10/17/2017	ND	
GU-3A	d	Vinyl Chloride	75-01-4	ug/L	4/3/2018	ND	
GU-3A	d	Vinyl Chloride	75-01-4	ug/L	4/3/2018	ND	
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	4/3/2018	J	0.397
MW-20	d	Vinyl Chloride	75-01-4	ug/L	4/3/2018	ND	
MW-21	d	Vinyl Chloride	75-01-4	ug/L	4/3/2018	ND	
MW-29	d	Vinyl Chloride	75-01-4	ug/L	4/3/2018		3.83
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	4/3/2018		6.04
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	4/3/2018	ND	
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	4/3/2018	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	4/3/2018	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	4/3/2018	ND	
MW-57	d	Vinyl Chloride	75-01-4	ug/L	4/3/2018	ND	
MW-58	d	Vinyl Chloride	75-01-4	ug/L	4/3/2018	ND	
MW-68	d	Vinyl Chloride	75-01-4	ug/L	4/3/2018	J	0.328
MW-69	d	Vinyl Chloride	75-01-4	ug/L	4/3/2018	J	0.668
MW-70	d	Vinyl Chloride	75-01-4	ug/L	4/3/2018	ND	
PZ-13	d	Vinyl Chloride	75-01-4	ug/L	4/3/2018	ND	
SW-104	d	Vinyl Chloride	75-01-4	ug/L	4/3/2018	ND	
SW-105	d	Vinyl Chloride	75-01-4	ug/L	4/3/2018	ND	
SW-107	d	Vinyl Chloride	75-01-4	ug/L	4/3/2018	ND	
MW-39	d	Vinyl Chloride	75-01-4	ug/L	11/1/2018	ND	
MW-50	d	Vinyl Chloride	75-01-4	ug/L	11/1/2018	ND	
MW-51	d	Vinyl Chloride	75-01-4	ug/L	11/1/2018	ND	
MW-52	d	Vinyl Chloride	75-01-4	ug/L	11/1/2018	ND	
MW-53	d	Vinyl Chloride	75-01-4	ug/L	11/1/2018		1.68
MW-54	d	Vinyl Chloride	75-01-4	ug/L	11/1/2018	ND	
MW-55	d	Vinyl Chloride	75-01-4	ug/L	11/1/2018	ND	
MW-18	d	Vinyl Chloride	75-01-4	ug/L	11/2/2018	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	11/2/2018	ND	
MW-22R	d	Vinyl Chloride	75-01-4	ug/L	11/2/2018	ND	
MW-28	d	Vinyl Chloride	75-01-4	ug/L	11/2/2018	ND	
MW-56	d	Vinyl Chloride	75-01-4	ug/L	11/2/2018	NDH	
MW-18	d	Vinyl Chloride	75-01-4	ug/L	5/16/2019	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	5/16/2019	ND	
MW-23	u	Vinyl Chloride	75-01-4	ug/L	5/16/2019	ND	
MW-24R	u	Vinyl Chloride	75-01-4	ug/L	5/16/2019	ND	
MW-28	d	Vinyl Chloride	75-01-4	ug/L	5/16/2019	ND	
MW-55	d	Vinyl Chloride	75-01-4	ug/L	5/16/2019	ND	
MW-50	d	Vinyl Chloride	75-01-4	ug/L	5/20/2019	ND	
MW-51	d	Vinyl Chloride	75-01-4	ug/L	5/20/2019	ND	
MW-52	d	Vinyl Chloride	75-01-4	ug/L	5/20/2019	ND	
MW-54	d	Vinyl Chloride	75-01-4	ug/L	5/20/2019	ND	
MW-56	d	Vinyl Chloride	75-01-4	ug/L	5/20/2019	ND	
MW-53	d	Vinyl Chloride	75-01-4	ug/L	5/21/2019	ND	
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	9/11/2019	ND	
MW-29	d	Vinyl Chloride	75-01-4	ug/L	9/11/2019		3.67
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	9/11/2019		5.75
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	9/11/2019	ND	
MW-58	d	Vinyl Chloride	75-01-4	ug/L	9/11/2019	ND	
MW-68	d	Vinyl Chloride	75-01-4	ug/L	9/13/2019	J	3.34
MW-69	d	Vinyl Chloride	75-01-4	ug/L	9/13/2019	J	0.612
MW-70	d	Vinyl Chloride	75-01-4	ug/L	9/13/2019	ND	
PZ-13	d	Vinyl Chloride	75-01-4	ug/L	9/13/2019	ND	
GU-3A	d	Vinyl Chloride	75-01-4	ug/L	3/16/2020	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	3/16/2020	ND	
MW-68	d	Vinyl Chloride	75-01-4	ug/L	3/16/2020	J	0.395
MW-69	d	Vinyl Chloride	75-01-4	ug/L	3/16/2020	J	0.788
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	3/17/2020	J	0.58
MW-29	d	Vinyl Chloride	75-01-4	ug/L	3/17/2020		3.03
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	3/17/2020		5.02
MW-58	d	Vinyl Chloride	75-01-4	ug/L	3/17/2020	ND	
MW-70	d	Vinyl Chloride	75-01-4	ug/L	3/17/2020	ND	
PZ-13	d	Vinyl Chloride	75-01-4	ug/L	3/17/2020	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	7/20/2020	ND	
MW-28	d	Vinyl Chloride	75-01-4	ug/L	7/20/2020	ND	
MW-51	d	Vinyl Chloride	75-01-4	ug/L	7/20/2020	ND	
MW-55	d	Vinyl Chloride	75-01-4	ug/L	7/20/2020	ND	
MW-56	d	Vinyl Chloride	75-01-4	ug/L	7/20/2020	ND	
MW-57R	d	Vinyl Chloride	75-01-4	ug/L	7/20/2020	ND	
MW-73	d	Vinyl Chloride	75-01-4	ug/L	7/20/2020		3.93
MW-18	d	Vinyl Chloride	75-01-4	ug/L	7/21/2020	ND	
MW-50	d	Vinyl Chloride	75-01-4	ug/L	7/21/2020	ND	
MW-52	d	Vinyl Chloride	75-01-4	ug/L	7/21/2020	ND	
MW-53	d	Vinyl Chloride	75-01-4	ug/L	7/21/2020		2.06
MW-54	d	Vinyl Chloride	75-01-4	ug/L	7/21/2020	ND	
MW-23	u	Vinyl Chloride	75-01-4	ug/L	7/22/2020	ND	
MW-24R	u	Vinyl Chloride	75-01-4	ug/L	7/22/2020	ND	
MW-55	d	Vinyl Chloride	75-01-4	ug/L	11/12/2020	ND	
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	8/24/2021		<1.00
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	8/24/2021		<1.00
MW-29	d	Vinyl Chloride	75-01-4	ug/L	8/25/2021		3.94
MW-58	d	Vinyl Chloride	75-01-4	ug/L	8/25/2021		<1.00
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	8/25/2021		9.69

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-68	d	Vinyl Chloride	75-01-4	ug/L	8/25/2021		<1.00
MW-69	d	Vinyl Chloride	75-01-4	ug/L	8/25/2021		2.52
MW-70	d	Vinyl Chloride	75-01-4	ug/L	8/26/2021		<1.00
MW-57R	d	Vinyl Chloride	75-01-4	ug/L	8/26/2021	J	0.405
PZ-13	d	Vinyl Chloride	75-01-4	ug/L	8/27/2021		<1.00
MW-73	d	Vinyl Chloride	75-01-4	ug/L	8/27/2021	J	0.654
GU-3A	d	Vinyl Chloride	75-01-4	ug/L	9/8/2021		<1.00
MW-24R	u	Vinyl Chloride	75-01-4	ug/L	12/7/2021		<1.00
MW-28	d	Vinyl Chloride	75-01-4	ug/L	12/7/2021		<1.00
MW-57R	d	Vinyl Chloride	75-01-4	ug/L	12/7/2021	J	0.193
MW-73	d	Vinyl Chloride	75-01-4	ug/L	12/7/2021	J	0.64
MW-56	d	Vinyl Chloride	75-01-4	ug/L	12/7/2021		<1.00
MW-19	d	Vinyl Chloride	75-01-4	ug/L	12/7/2021		<1.00
MW-18	d	Vinyl Chloride	75-01-4	ug/L	12/7/2021		<1.00
MW-55	d	Vinyl Chloride	75-01-4	ug/L	12/7/2021		<1.00
MW-50	d	Vinyl Chloride	75-01-4	ug/L	12/7/2021		<1.00
MW-23	u	Vinyl Chloride	75-01-4	ug/L	12/8/2021		<1.00
MW-39	d	Vinyl Chloride	75-01-4	ug/L	12/8/2021		<1.00
MW-51	d	Vinyl Chloride	75-01-4	ug/L	12/8/2021		<1.00
MW-52	d	Vinyl Chloride	75-01-4	ug/L	12/8/2021		<1.00
MW-53	d	Vinyl Chloride	75-01-4	ug/L	12/8/2021		1.01
MW-54	d	Vinyl Chloride	75-01-4	ug/L	12/8/2021		<1.00
MW-51	d	Xylenes, total	1330-20-7	ug/L	1/15/2010	ND	
MW-24R	u	Xylenes, total	1330-20-7	ug/L	2/11/2010	ND	
MW-53	d	Xylenes, total	1330-20-7	ug/L	2/11/2010		46
GU-3A	d	Xylenes, total	1330-20-7	ug/L	3/24/2010	ND	
MW-20	d	Xylenes, total	1330-20-7	ug/L	3/24/2010	ND	
MW-21	d	Xylenes, total	1330-20-7	ug/L	3/24/2010	ND	
MW-22R	d	Xylenes, total	1330-20-7	ug/L	3/24/2010	ND	
MW-52	d	Xylenes, total	1330-20-7	ug/L	3/24/2010	ND	
MW-54	d	Xylenes, total	1330-20-7	ug/L	3/24/2010	ND	
MW-55	d	Xylenes, total	1330-20-7	ug/L	3/24/2010	ND	
MW-28	d	Xylenes, total	1330-20-7	ug/L	4/9/2010	ND	
MW-33R	d	Xylenes, total	1330-20-7	ug/L	4/9/2010	ND	
MW-50	d	Xylenes, total	1330-20-7	ug/L	4/9/2010	ND	
MW-56	d	Xylenes, total	1330-20-7	ug/L	4/9/2010	ND	
MW-57	d	Xylenes, total	1330-20-7	ug/L	4/9/2010	ND	
MW-58	d	Xylenes, total	1330-20-7	ug/L	4/9/2010	ND	
MW-32R	d	Xylenes, total	1330-20-7	ug/L	5/18/2010	ND	
MW-53	d	Xylenes, total	1330-20-7	ug/L	5/18/2010		97.8
MW-14R	d	Xylenes, total	1330-20-7	ug/L	6/17/2010	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	6/17/2010	ND	
MW-29	d	Xylenes, total	1330-20-7	ug/L	6/17/2010	ND	
MW-30R	d	Xylenes, total	1330-20-7	ug/L	6/17/2010	ND	
MW-31R	d	Xylenes, total	1330-20-7	ug/L	6/17/2010	ND	
MW-51	d	Xylenes, total	1330-20-7	ug/L	6/17/2010	ND	
MW-21	d	Xylenes, total	1330-20-7	ug/L	7/21/2010	ND	
MW-54	d	Xylenes, total	1330-20-7	ug/L	7/21/2010	ND	
MW-20	d	Xylenes, total	1330-20-7	ug/L	8/17/2010	ND	
MW-29	d	Xylenes, total	1330-20-7	ug/L	8/17/2010	ND	
MW-39	d	Xylenes, total	1330-20-7	ug/L	8/17/2010	ND	
MW-51	d	Xylenes, total	1330-20-7	ug/L	8/17/2010	ND	
GU-3A	d	Xylenes, total	1330-20-7	ug/L	9/17/2010		56.1
MW-22R	d	Xylenes, total	1330-20-7	ug/L	9/17/2010	ND	
MW-55	d	Xylenes, total	1330-20-7	ug/L	9/17/2010	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	10/22/2010	ND	
MW-24R	u	Xylenes, total	1330-20-7	ug/L	10/22/2010	ND	
MW-30R	d	Xylenes, total	1330-20-7	ug/L	10/22/2010	ND	
MW-31R	d	Xylenes, total	1330-20-7	ug/L	10/22/2010	ND	
MW-50	d	Xylenes, total	1330-20-7	ug/L	10/22/2010	ND	
MW-53	d	Xylenes, total	1330-20-7	ug/L	10/22/2010		68.7
MW-56	d	Xylenes, total	1330-20-7	ug/L	10/22/2010	ND	
MW-58	d	Xylenes, total	1330-20-7	ug/L	10/22/2010	ND	
MW-14R	d	Xylenes, total	1330-20-7	ug/L	11/8/2010	ND	
MW-32R	d	Xylenes, total	1330-20-7	ug/L	11/8/2010	ND	
MW-57	d	Xylenes, total	1330-20-7	ug/L	11/8/2010	ND	
MW-28	d	Xylenes, total	1330-20-7	ug/L	12/15/2010	ND	
MW-33R	d	Xylenes, total	1330-20-7	ug/L	12/15/2010	ND	
MW-52	d	Xylenes, total	1330-20-7	ug/L	12/15/2010	ND	
MW-54	d	Xylenes, total	1330-20-7	ug/L	1/12/2011	ND	
MW-54	d	Xylenes, total	1330-20-7	ug/L	1/12/2011	ND	
MW-20	d	Xylenes, total	1330-20-7	ug/L	2/22/2011	ND	
MW-22R	d	Xylenes, total	1330-20-7	ug/L	2/22/2011	ND	
MW-51	d	Xylenes, total	1330-20-7	ug/L	2/22/2011	ND	
MW-52	d	Xylenes, total	1330-20-7	ug/L	2/22/2011	ND	
MW-53	d	Xylenes, total	1330-20-7	ug/L	2/22/2011		70.3
MW-55	d	Xylenes, total	1330-20-7	ug/L	2/22/2011	ND	
GU-3A	d	Xylenes, total	1330-20-7	ug/L	3/2/2011		9.18
MW-21	d	Xylenes, total	1330-20-7	ug/L	3/2/2011	ND	
MW-21	d	Xylenes, total	1330-20-7	ug/L	3/2/2011	ND	
MW-29	d	Xylenes, total	1330-20-7	ug/L	4/21/2011	ND	
MW-30R	d	Xylenes, total	1330-20-7	ug/L	4/21/2011	ND	
MW-31R	d	Xylenes, total	1330-20-7	ug/L	4/21/2011	ND	
MW-31R	d	Xylenes, total	1330-20-7	ug/L	4/21/2011	ND	
MW-32R	d	Xylenes, total	1330-20-7	ug/L	4/21/2011	ND	
MW-54	d	Xylenes, total	1330-20-7	ug/L	5/31/2011	ND	
MW-56	d	Xylenes, total	1330-20-7	ug/L	5/31/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57	d	Xylenes, total	1330-20-7	ug/L	5/31/2011	ND	
MW-58	d	Xylenes, total	1330-20-7	ug/L	5/31/2011	ND	
MW-14R	d	Xylenes, total	1330-20-7	ug/L	6/7/2011	ND	
MW-14R	d	Xylenes, total	1330-20-7	ug/L	6/7/2011	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	6/7/2011	ND	
MW-28	d	Xylenes, total	1330-20-7	ug/L	6/7/2011	ND	
MW-33R	d	Xylenes, total	1330-20-7	ug/L	6/7/2011	ND	
MW-39	d	Xylenes, total	1330-20-7	ug/L	6/7/2011	ND	
MW-50	d	Xylenes, total	1330-20-7	ug/L	6/7/2011	ND	
MW-52	d	Xylenes, total	1330-20-7	ug/L	7/22/2011	ND	
MW-56	d	Xylenes, total	1330-20-7	ug/L	7/22/2011	ND	
MW-58	d	Xylenes, total	1330-20-7	ug/L	7/22/2011	ND	
MW-14R	d	Xylenes, total	1330-20-7	ug/L	8/29/2011	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	8/29/2011	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	8/29/2011	ND	
MW-32R	d	Xylenes, total	1330-20-7	ug/L	8/29/2011	ND	
GU-3A	d	Xylenes, total	1330-20-7	ug/L	9/9/2011	ND	
MW-22R	d	Xylenes, total	1330-20-7	ug/L	9/9/2011	ND	
MW-28	d	Xylenes, total	1330-20-7	ug/L	9/9/2011	ND	
MW-29	d	Xylenes, total	1330-20-7	ug/L	9/9/2011	ND	
MW-51	d	Xylenes, total	1330-20-7	ug/L	9/9/2011	ND	
MW-53	d	Xylenes, total	1330-20-7	ug/L	9/9/2011		80.4
MW-53	d	Xylenes, total	1330-20-7	ug/L	9/9/2011		95.6
MW-21	d	Xylenes, total	1330-20-7	ug/L	10/4/2011	ND	
MW-50	d	Xylenes, total	1330-20-7	ug/L	10/4/2011	ND	
MW-50	d	Xylenes, total	1330-20-7	ug/L	10/4/2011	ND	
MW-54	d	Xylenes, total	1330-20-7	ug/L	10/4/2011	ND	
MW-57	d	Xylenes, total	1330-20-7	ug/L	10/4/2011	ND	
MW-20	d	Xylenes, total	1330-20-7	ug/L	11/29/2011	ND	
MW-30R	d	Xylenes, total	1330-20-7	ug/L	11/29/2011	ND	
MW-52	d	Xylenes, total	1330-20-7	ug/L	11/29/2011	ND	
MW-55	d	Xylenes, total	1330-20-7	ug/L	11/29/2011	ND	
MW-31R	d	Xylenes, total	1330-20-7	ug/L	12/16/2011	ND	
MW-33R	d	Xylenes, total	1330-20-7	ug/L	12/16/2011	ND	
MW-39	d	Xylenes, total	1330-20-7	ug/L	12/16/2011	ND	
MW-14R	d	Xylenes, total	1330-20-7	ug/L	3/8/2012	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	3/8/2012	ND	
MW-20	d	Xylenes, total	1330-20-7	ug/L	3/8/2012	ND	
MW-21	d	Xylenes, total	1330-20-7	ug/L	3/8/2012	ND	
MW-22R	d	Xylenes, total	1330-20-7	ug/L	3/8/2012	ND	
MW-28	d	Xylenes, total	1330-20-7	ug/L	3/8/2012	ND	
MW-39	d	Xylenes, total	1330-20-7	ug/L	3/8/2012	ND	
MW-55	d	Xylenes, total	1330-20-7	ug/L	3/8/2012	ND	
MW-56	d	Xylenes, total	1330-20-7	ug/L	3/8/2012	ND	
MW-57	d	Xylenes, total	1330-20-7	ug/L	3/8/2012	ND	
MW-58	d	Xylenes, total	1330-20-7	ug/L	3/8/2012	ND	
GU-3A	d	Xylenes, total	1330-20-7	ug/L	6/13/2012	ND	
MW-29	d	Xylenes, total	1330-20-7	ug/L	6/13/2012	ND	
MW-30R	d	Xylenes, total	1330-20-7	ug/L	6/13/2012	ND	
MW-31R	d	Xylenes, total	1330-20-7	ug/L	6/13/2012	ND	
MW-32R	d	Xylenes, total	1330-20-7	ug/L	6/13/2012	ND	
MW-33R	d	Xylenes, total	1330-20-7	ug/L	6/13/2012	ND	
MW-50	d	Xylenes, total	1330-20-7	ug/L	6/13/2012	ND	
MW-50	d	Xylenes, total	1330-20-7	ug/L	6/13/2012	ND	
MW-51	d	Xylenes, total	1330-20-7	ug/L	6/13/2012	ND	
MW-52	d	Xylenes, total	1330-20-7	ug/L	6/13/2012	ND	
MW-53	d	Xylenes, total	1330-20-7	ug/L	6/13/2012		95.7
MW-54	d	Xylenes, total	1330-20-7	ug/L	6/13/2012	ND	
GU-3A	d	Xylenes, total	1330-20-7	ug/L	9/4/2012	ND	
MW-20	d	Xylenes, total	1330-20-7	ug/L	9/4/2012	ND	
MW-21	d	Xylenes, total	1330-20-7	ug/L	9/4/2012	ND	
MW-22R	d	Xylenes, total	1330-20-7	ug/L	9/4/2012	ND	
MW-50	d	Xylenes, total	1330-20-7	ug/L	9/4/2012	ND	
MW-51	d	Xylenes, total	1330-20-7	ug/L	9/4/2012	ND	
MW-52	d	Xylenes, total	1330-20-7	ug/L	9/4/2012	ND	
MW-53	d	Xylenes, total	1330-20-7	ug/L	9/4/2012		86.3
MW-54	d	Xylenes, total	1330-20-7	ug/L	9/4/2012	ND	
MW-54	d	Xylenes, total	1330-20-7	ug/L	9/4/2012	ND	
MW-57	d	Xylenes, total	1330-20-7	ug/L	9/4/2012	ND	
MW-58	d	Xylenes, total	1330-20-7	ug/L	9/4/2012	ND	
MW-14R	d	Xylenes, total	1330-20-7	ug/L	12/19/2012	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	12/19/2012	ND	
MW-28	d	Xylenes, total	1330-20-7	ug/L	12/19/2012	ND	
MW-29	d	Xylenes, total	1330-20-7	ug/L	12/19/2012	ND	
MW-30R	d	Xylenes, total	1330-20-7	ug/L	12/19/2012	ND	
MW-31R	d	Xylenes, total	1330-20-7	ug/L	12/19/2012	ND	
MW-32R	d	Xylenes, total	1330-20-7	ug/L	12/19/2012	ND	
MW-33R	d	Xylenes, total	1330-20-7	ug/L	12/19/2012	ND	
MW-33R	d	Xylenes, total	1330-20-7	ug/L	12/19/2012	ND	
MW-39	d	Xylenes, total	1330-20-7	ug/L	12/19/2012	ND	
MW-55	d	Xylenes, total	1330-20-7	ug/L	12/19/2012	ND	
MW-56	d	Xylenes, total	1330-20-7	ug/L	12/19/2012	ND	
MW-14R	d	Xylenes, total	1330-20-7	ug/L	3/11/2013	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	3/11/2013	ND	
MW-28	d	Xylenes, total	1330-20-7	ug/L	3/11/2013	ND	
MW-39	d	Xylenes, total	1330-20-7	ug/L	3/11/2013	ND	
MW-50	d	Xylenes, total	1330-20-7	ug/L	3/11/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	Xylenes, total	1330-20-7	ug/L	3/11/2013	ND	
MW-51	d	Xylenes, total	1330-20-7	ug/L	3/11/2013	ND	
MW-52	d	Xylenes, total	1330-20-7	ug/L	3/11/2013	ND	
MW-53	d	Xylenes, total	1330-20-7	ug/L	3/11/2013		92.2
MW-54	d	Xylenes, total	1330-20-7	ug/L	3/11/2013	ND	
MW-55	d	Xylenes, total	1330-20-7	ug/L	3/11/2013	ND	
MW-56	d	Xylenes, total	1330-20-7	ug/L	3/11/2013	ND	
MW-20	d	Xylenes, total	1330-20-7	ug/L	6/10/2013	ND	
MW-20	d	Xylenes, total	1330-20-7	ug/L	6/10/2013	ND	
MW-21	d	Xylenes, total	1330-20-7	ug/L	6/10/2013	ND	
MW-22R	d	Xylenes, total	1330-20-7	ug/L	6/10/2013	ND	
MW-29	d	Xylenes, total	1330-20-7	ug/L	6/10/2013	ND	
MW-30R	d	Xylenes, total	1330-20-7	ug/L	6/10/2013	ND	
MW-31R	d	Xylenes, total	1330-20-7	ug/L	6/10/2013	ND	
MW-32R	d	Xylenes, total	1330-20-7	ug/L	6/10/2013	ND	
MW-33R	d	Xylenes, total	1330-20-7	ug/L	6/10/2013	ND	
MW-57	d	Xylenes, total	1330-20-7	ug/L	6/10/2013	ND	
MW-58	d	Xylenes, total	1330-20-7	ug/L	6/10/2013	ND	
GU-3A	d	Xylenes, total	1330-20-7	ug/L	9/10/2013	ND	
MW-31R	d	Xylenes, total	1330-20-7	ug/L	9/10/2013	ND	
MW-31R	d	Xylenes, total	1330-20-7	ug/L	9/10/2013	ND	
MW-32R	d	Xylenes, total	1330-20-7	ug/L	9/10/2013	ND	
MW-33R	d	Xylenes, total	1330-20-7	ug/L	9/10/2013	ND	
MW-50	d	Xylenes, total	1330-20-7	ug/L	9/10/2013	ND	
MW-51	d	Xylenes, total	1330-20-7	ug/L	9/10/2013	ND	
MW-52	d	Xylenes, total	1330-20-7	ug/L	9/10/2013	ND	
MW-53	d	Xylenes, total	1330-20-7	ug/L	9/10/2013		81.1
MW-54	d	Xylenes, total	1330-20-7	ug/L	9/10/2013	ND	
MW-14R	d	Xylenes, total	1330-20-7	ug/L	12/18/2013	ND	
MW-18	d	Xylenes, total	1330-20-7	ug/L	12/18/2013	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	12/18/2013	ND	
MW-20	d	Xylenes, total	1330-20-7	ug/L	12/18/2013	ND	
MW-21	d	Xylenes, total	1330-20-7	ug/L	12/18/2013	ND	
MW-22R	d	Xylenes, total	1330-20-7	ug/L	12/18/2013	ND	
MW-28	d	Xylenes, total	1330-20-7	ug/L	12/18/2013	ND	
MW-30R	d	Xylenes, total	1330-20-7	ug/L	12/18/2013	ND	
MW-39	d	Xylenes, total	1330-20-7	ug/L	12/18/2013	ND	
MW-39	d	Xylenes, total	1330-20-7	ug/L	12/18/2013	ND	
MW-55	d	Xylenes, total	1330-20-7	ug/L	12/18/2013	ND	
MW-18	d	Xylenes, total	1330-20-7	ug/L	3/20/2014	ND	
MW-20	d	Xylenes, total	1330-20-7	ug/L	3/20/2014	ND	
MW-21	d	Xylenes, total	1330-20-7	ug/L	3/20/2014	ND	
MW-21	d	Xylenes, total	1330-20-7	ug/L	3/20/2014	ND	
MW-22R	d	Xylenes, total	1330-20-7	ug/L	3/20/2014	ND	
MW-30R	d	Xylenes, total	1330-20-7	ug/L	3/20/2014	ND	
MW-31R	d	Xylenes, total	1330-20-7	ug/L	3/20/2014	ND	
MW-32R	d	Xylenes, total	1330-20-7	ug/L	3/20/2014	ND	
MW-33R	d	Xylenes, total	1330-20-7	ug/L	3/20/2014	ND	
MW-14R	d	Xylenes, total	1330-20-7	ug/L	6/24/2014	ND	
MW-14R	d	Xylenes, total	1330-20-7	ug/L	6/24/2014	ND	
MW-18	d	Xylenes, total	1330-20-7	ug/L	6/24/2014	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	6/24/2014	ND	
MW-28	d	Xylenes, total	1330-20-7	ug/L	6/24/2014	ND	
MW-39	d	Xylenes, total	1330-20-7	ug/L	6/24/2014	ND	
MW-50	d	Xylenes, total	1330-20-7	ug/L	6/24/2014	ND	
MW-51	d	Xylenes, total	1330-20-7	ug/L	6/24/2014	ND	
MW-52	d	Xylenes, total	1330-20-7	ug/L	6/24/2014	ND	
MW-53	d	Xylenes, total	1330-20-7	ug/L	6/24/2014		108
MW-54	d	Xylenes, total	1330-20-7	ug/L	6/24/2014	ND	
MW-55	d	Xylenes, total	1330-20-7	ug/L	6/24/2014	ND	
MW-58	d	Xylenes, total	1330-20-7	ug/L	6/24/2014	ND	
MW-29	d	Xylenes, total	1330-20-7	ug/L	7/24/2014	ND	
MW-56	d	Xylenes, total	1330-20-7	ug/L	7/24/2014	ND	
MW-57	d	Xylenes, total	1330-20-7	ug/L	7/24/2014	ND	
GU-3A	d	Xylenes, total	1330-20-7	ug/L	9/24/2014	J	0.768
MW-18	d	Xylenes, total	1330-20-7	ug/L	9/24/2014	ND	
MW-29	d	Xylenes, total	1330-20-7	ug/L	9/24/2014	ND	
MW-30R	d	Xylenes, total	1330-20-7	ug/L	9/24/2014	ND	
MW-31R	d	Xylenes, total	1330-20-7	ug/L	9/24/2014	ND	
MW-31R	d	Xylenes, total	1330-20-7	ug/L	9/24/2014	ND	
MW-32R	d	Xylenes, total	1330-20-7	ug/L	9/24/2014	ND	
MW-33R	d	Xylenes, total	1330-20-7	ug/L	9/24/2014	ND	
MW-50	d	Xylenes, total	1330-20-7	ug/L	9/24/2014	ND	
MW-51	d	Xylenes, total	1330-20-7	ug/L	9/24/2014	ND	
MW-52	d	Xylenes, total	1330-20-7	ug/L	9/24/2014	ND	
MW-53	d	Xylenes, total	1330-20-7	ug/L	9/24/2014		87.1
MW-54	d	Xylenes, total	1330-20-7	ug/L	9/24/2014	ND	
MW-14R	d	Xylenes, total	1330-20-7	ug/L	12/4/2014	ND	
MW-18	d	Xylenes, total	1330-20-7	ug/L	12/4/2014	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	12/4/2014	ND	
MW-20	d	Xylenes, total	1330-20-7	ug/L	12/4/2014	ND	
MW-21	d	Xylenes, total	1330-20-7	ug/L	12/4/2014	ND	
MW-22R	d	Xylenes, total	1330-20-7	ug/L	12/4/2014	ND	
MW-28	d	Xylenes, total	1330-20-7	ug/L	12/4/2014	ND	
MW-39	d	Xylenes, total	1330-20-7	ug/L	12/4/2014	ND	
MW-56	d	Xylenes, total	1330-20-7	ug/L	12/4/2014	ND	
MW-57	d	Xylenes, total	1330-20-7	ug/L	12/4/2014	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57	d	Xylenes, total	1330-20-7	ug/L	12/4/2014	ND	
MW-58	d	Xylenes, total	1330-20-7	ug/L	12/4/2014	ND	
MW-14R	d	Xylenes, total	1330-20-7	ug/L	3/11/2015	ND	
MW-18	d	Xylenes, total	1330-20-7	ug/L	3/11/2015	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	3/11/2015	ND	
MW-20	d	Xylenes, total	1330-20-7	ug/L	3/11/2015	ND	
MW-21	d	Xylenes, total	1330-20-7	ug/L	3/11/2015	ND	
MW-22R	d	Xylenes, total	1330-20-7	ug/L	3/11/2015	ND	
MW-28	d	Xylenes, total	1330-20-7	ug/L	3/11/2015	ND	
MW-39	d	Xylenes, total	1330-20-7	ug/L	3/11/2015	ND	
MW-55	d	Xylenes, total	1330-20-7	ug/L	3/11/2015	ND	
MW-56	d	Xylenes, total	1330-20-7	ug/L	3/11/2015	ND	
MW-57	d	Xylenes, total	1330-20-7	ug/L	3/11/2015	ND	
MW-58	d	Xylenes, total	1330-20-7	ug/L	3/11/2015	ND	
MW-58	d	Xylenes, total	1330-20-7	ug/L	3/11/2015	ND	
MW-29	d	Xylenes, total	1330-20-7	ug/L	6/29/2015	ND	
MW-30R	d	Xylenes, total	1330-20-7	ug/L	6/29/2015	ND	
MW-31R	d	Xylenes, total	1330-20-7	ug/L	6/29/2015	ND	
MW-31R	d	Xylenes, total	1330-20-7	ug/L	6/29/2015	ND	
MW-32R	d	Xylenes, total	1330-20-7	ug/L	6/29/2015	ND	
MW-33R	d	Xylenes, total	1330-20-7	ug/L	6/29/2015	ND	
MW-50	d	Xylenes, total	1330-20-7	ug/L	6/29/2015	ND	
MW-51	d	Xylenes, total	1330-20-7	ug/L	6/29/2015	ND	
MW-52	d	Xylenes, total	1330-20-7	ug/L	6/29/2015	ND	
MW-53	d	Xylenes, total	1330-20-7	ug/L	6/29/2015		91.5
MW-54	d	Xylenes, total	1330-20-7	ug/L	6/29/2015	ND	
GU-3A	d	Xylenes, total	1330-20-7	ug/L	9/22/2015	J	2.89
MW-14R	d	Xylenes, total	1330-20-7	ug/L	2/15/2016	ND	
MW-14R	d	Xylenes, total	1330-20-7	ug/L	2/15/2016	ND	
MW-18	d	Xylenes, total	1330-20-7	ug/L	2/15/2016	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	2/15/2016	ND	
MW-39	d	Xylenes, total	1330-20-7	ug/L	2/15/2016	ND	
MW-20	d	Xylenes, total	1330-20-7	ug/L	2/16/2016	ND	
MW-21	d	Xylenes, total	1330-20-7	ug/L	2/16/2016	ND	
MW-55	d	Xylenes, total	1330-20-7	ug/L	2/16/2016	ND	
MW-56	d	Xylenes, total	1330-20-7	ug/L	2/16/2016	ND	
MW-57	d	Xylenes, total	1330-20-7	ug/L	2/16/2016	ND	
MW-58	d	Xylenes, total	1330-20-7	ug/L	2/16/2016	ND	
MW-22R	d	Xylenes, total	1330-20-7	ug/L	2/17/2016	ND	
MW-28	d	Xylenes, total	1330-20-7	ug/L	8/25/2016	ND	
MW-29	d	Xylenes, total	1330-20-7	ug/L	8/25/2016	ND	
MW-30R	d	Xylenes, total	1330-20-7	ug/L	8/25/2016	ND	
MW-31R	d	Xylenes, total	1330-20-7	ug/L	8/25/2016	ND	
MW-32R	d	Xylenes, total	1330-20-7	ug/L	8/25/2016	ND	
MW-33R	d	Xylenes, total	1330-20-7	ug/L	8/25/2016	ND	
MW-50	d	Xylenes, total	1330-20-7	ug/L	8/25/2016	ND	
MW-51	d	Xylenes, total	1330-20-7	ug/L	8/25/2016	ND	
MW-52	d	Xylenes, total	1330-20-7	ug/L	8/25/2016	ND	
MW-53	d	Xylenes, total	1330-20-7	ug/L	8/25/2016		78
MW-54	d	Xylenes, total	1330-20-7	ug/L	8/25/2016	ND	
GU-3A	d	Xylenes, total	1330-20-7	ug/L	8/26/2016	J	1.05
MW-18	d	Xylenes, total	1330-20-7	ug/L	1/17/2017	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	1/17/2017	ND	
MW-22R	d	Xylenes, total	1330-20-7	ug/L	1/17/2017	ND	
MW-28	d	Xylenes, total	1330-20-7	ug/L	1/17/2017	ND	
MW-28	d	Xylenes, total	1330-20-7	ug/L	1/17/2017	ND	
MW-39	d	Xylenes, total	1330-20-7	ug/L	1/17/2017	ND	
MW-50	d	Xylenes, total	1330-20-7	ug/L	1/17/2017	ND	
MW-51	d	Xylenes, total	1330-20-7	ug/L	1/17/2017	ND	
MW-53	d	Xylenes, total	1330-20-7	ug/L	1/17/2017		76.4
MW-54	d	Xylenes, total	1330-20-7	ug/L	1/17/2017	ND	
MW-56	d	Xylenes, total	1330-20-7	ug/L	1/17/2017	ND	
GU-3A	d	Xylenes, total	1330-20-7	ug/L	7/10/2017	ND	
MW-14R	d	Xylenes, total	1330-20-7	ug/L	7/10/2017	ND	
MW-20	d	Xylenes, total	1330-20-7	ug/L	7/10/2017	ND	
MW-21	d	Xylenes, total	1330-20-7	ug/L	7/10/2017	ND	
MW-29	d	Xylenes, total	1330-20-7	ug/L	7/10/2017	ND	
MW-30R	d	Xylenes, total	1330-20-7	ug/L	7/10/2017	ND	
MW-31R	d	Xylenes, total	1330-20-7	ug/L	7/10/2017	ND	
MW-32R	d	Xylenes, total	1330-20-7	ug/L	7/10/2017	ND	
MW-32R	d	Xylenes, total	1330-20-7	ug/L	7/10/2017	ND	
MW-33R	d	Xylenes, total	1330-20-7	ug/L	7/10/2017	ND	
MW-57	d	Xylenes, total	1330-20-7	ug/L	7/10/2017	ND	
MW-58	d	Xylenes, total	1330-20-7	ug/L	7/10/2017	ND	
MW-52	d	Xylenes, total	1330-20-7	ug/L	10/17/2017	ND	
MW-55	d	Xylenes, total	1330-20-7	ug/L	10/17/2017	ND	
GU-3A	d	Xylenes, total	1330-20-7	ug/L	4/3/2018	ND	
GU-3A	d	Xylenes, total	1330-20-7	ug/L	4/3/2018	ND	
MW-14R	d	Xylenes, total	1330-20-7	ug/L	4/3/2018	ND	
MW-20	d	Xylenes, total	1330-20-7	ug/L	4/3/2018	ND	
MW-21	d	Xylenes, total	1330-20-7	ug/L	4/3/2018	ND	
MW-29	d	Xylenes, total	1330-20-7	ug/L	4/3/2018	ND	
MW-30R	d	Xylenes, total	1330-20-7	ug/L	4/3/2018	ND	
MW-31R	d	Xylenes, total	1330-20-7	ug/L	4/3/2018	ND	
MW-32R	d	Xylenes, total	1330-20-7	ug/L	4/3/2018	ND	
MW-33R	d	Xylenes, total	1330-20-7	ug/L	4/3/2018	ND	
MW-33R	d	Xylenes, total	1330-20-7	ug/L	4/3/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57	d	Xylenes, total	1330-20-7	ug/L	4/3/2018	ND	
MW-58	d	Xylenes, total	1330-20-7	ug/L	4/3/2018	ND	
MW-39	d	Xylenes, total	1330-20-7	ug/L	11/1/2018	ND	
MW-50	d	Xylenes, total	1330-20-7	ug/L	11/1/2018	ND	
MW-51	d	Xylenes, total	1330-20-7	ug/L	11/1/2018	ND	
MW-52	d	Xylenes, total	1330-20-7	ug/L	11/1/2018	ND	
MW-53	d	Xylenes, total	1330-20-7	ug/L	11/1/2018		62.7
MW-54	d	Xylenes, total	1330-20-7	ug/L	11/1/2018	ND	
MW-55	d	Xylenes, total	1330-20-7	ug/L	11/1/2018	ND	
MW-18	d	Xylenes, total	1330-20-7	ug/L	11/2/2018	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	11/2/2018	ND	
MW-22R	d	Xylenes, total	1330-20-7	ug/L	11/2/2018	ND	
MW-28	d	Xylenes, total	1330-20-7	ug/L	11/2/2018	ND	
MW-56	d	Xylenes, total	1330-20-7	ug/L	11/2/2018	NDH	
MW-18	d	Xylenes, total	1330-20-7	ug/L	5/16/2019	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	5/16/2019	ND	
MW-23	u	Xylenes, total	1330-20-7	ug/L	5/16/2019	ND	
MW-24R	u	Xylenes, total	1330-20-7	ug/L	5/16/2019	ND	
MW-28	d	Xylenes, total	1330-20-7	ug/L	5/16/2019	ND	
MW-55	d	Xylenes, total	1330-20-7	ug/L	5/16/2019	ND	
MW-50	d	Xylenes, total	1330-20-7	ug/L	5/20/2019	ND	
MW-51	d	Xylenes, total	1330-20-7	ug/L	5/20/2019	ND	
MW-52	d	Xylenes, total	1330-20-7	ug/L	5/20/2019	ND	
MW-54	d	Xylenes, total	1330-20-7	ug/L	5/20/2019	ND	
MW-56	d	Xylenes, total	1330-20-7	ug/L	5/20/2019	ND	
MW-53	d	Xylenes, total	1330-20-7	ug/L	5/21/2019	F1	90.7
MW-14R	d	Xylenes, total	1330-20-7	ug/L	9/11/2019	ND	
MW-29	d	Xylenes, total	1330-20-7	ug/L	9/11/2019	ND	
MW-30R	d	Xylenes, total	1330-20-7	ug/L	9/11/2019	ND	
MW-33R	d	Xylenes, total	1330-20-7	ug/L	9/11/2019	ND	
MW-58	d	Xylenes, total	1330-20-7	ug/L	9/11/2019	ND	
GU-3A	d	Xylenes, total	1330-20-7	ug/L	3/16/2020	ND	
MW-33R	d	Xylenes, total	1330-20-7	ug/L	3/16/2020	ND	
MW-14R	d	Xylenes, total	1330-20-7	ug/L	3/17/2020	ND	
MW-29	d	Xylenes, total	1330-20-7	ug/L	3/17/2020	ND	
MW-30R	d	Xylenes, total	1330-20-7	ug/L	3/17/2020	ND	
MW-58	d	Xylenes, total	1330-20-7	ug/L	3/17/2020	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	7/20/2020	ND	
MW-28	d	Xylenes, total	1330-20-7	ug/L	7/20/2020	ND	
MW-51	d	Xylenes, total	1330-20-7	ug/L	7/20/2020	ND	
MW-55	d	Xylenes, total	1330-20-7	ug/L	7/20/2020	ND	
MW-56	d	Xylenes, total	1330-20-7	ug/L	7/20/2020	ND	
MW-57R	d	Xylenes, total	1330-20-7	ug/L	7/20/2020	ND	
MW-73	d	Xylenes, total	1330-20-7	ug/L	7/20/2020	ND	
MW-18	d	Xylenes, total	1330-20-7	ug/L	7/21/2020	ND	
MW-50	d	Xylenes, total	1330-20-7	ug/L	7/21/2020	ND	
MW-52	d	Xylenes, total	1330-20-7	ug/L	7/21/2020	ND	
MW-53	d	Xylenes, total	1330-20-7	ug/L	7/21/2020		99.6
MW-54	d	Xylenes, total	1330-20-7	ug/L	7/21/2020	ND	
MW-23	u	Xylenes, total	1330-20-7	ug/L	7/22/2020	ND	
MW-24R	u	Xylenes, total	1330-20-7	ug/L	7/22/2020	ND	
MW-55	d	Xylenes, total	1330-20-7	ug/L	11/12/2020	ND	
MW-33R	d	Xylenes, total	1330-20-7	ug/L	8/24/2021		<3.00
MW-14R	d	Xylenes, total	1330-20-7	ug/L	8/24/2021		<3.00
MW-29	d	Xylenes, total	1330-20-7	ug/L	8/25/2021		<3.00
MW-58	d	Xylenes, total	1330-20-7	ug/L	8/25/2021		<3.00
MW-30R	d	Xylenes, total	1330-20-7	ug/L	8/25/2021		<3.00
MW-68	d	Xylenes, total	1330-20-7	ug/L	8/25/2021		<3.00
MW-69	d	Xylenes, total	1330-20-7	ug/L	8/25/2021		<3.00
MW-70	d	Xylenes, total	1330-20-7	ug/L	8/26/2021		<3.00
MW-57R	d	Xylenes, total	1330-20-7	ug/L	8/26/2021		<3.00
PZ-13	d	Xylenes, total	1330-20-7	ug/L	8/27/2021		<3.00
MW-73	d	Xylenes, total	1330-20-7	ug/L	8/27/2021		<3.00
GU-3A	d	Xylenes, total	1330-20-7	ug/L	9/8/2021		<3.00
MW-24R	u	Xylenes, total	1330-20-7	ug/L	12/7/2021		<3.00
MW-28	d	Xylenes, total	1330-20-7	ug/L	12/7/2021		<3.00
MW-57R	d	Xylenes, total	1330-20-7	ug/L	12/7/2021		<3.00
MW-73	d	Xylenes, total	1330-20-7	ug/L	12/7/2021		<3.00
MW-56	d	Xylenes, total	1330-20-7	ug/L	12/7/2021		<3.00
MW-19	d	Xylenes, total	1330-20-7	ug/L	12/7/2021		<3.00
MW-18	d	Xylenes, total	1330-20-7	ug/L	12/7/2021		<3.00
MW-55	d	Xylenes, total	1330-20-7	ug/L	12/7/2021		<3.00
MW-50	d	Xylenes, total	1330-20-7	ug/L	12/7/2021		<3.00
MW-23	u	Xylenes, total	1330-20-7	ug/L	12/8/2021		<3.00
MW-39	d	Xylenes, total	1330-20-7	ug/L	12/8/2021		<3.00
MW-51	d	Xylenes, total	1330-20-7	ug/L	12/8/2021		<3.00
MW-52	d	Xylenes, total	1330-20-7	ug/L	12/8/2021		<3.00
MW-53	d	Xylenes, total	1330-20-7	ug/L	12/8/2021		47.8
MW-54	d	Xylenes, total	1330-20-7	ug/L	12/8/2021		<3.00
MW-14R	d	Zinc	7440-66-6	mg/L	1/15/2010		0.0257
MW-51	d	Zinc	7440-66-6	mg/L	1/15/2010		0.0847
MW-24R	u	Zinc	7440-66-6	mg/L	2/11/2010		0.0398
MW-53	d	Zinc	7440-66-6	mg/L	2/11/2010		0.0993
GU-3A	d	Zinc	7440-66-6	mg/L	3/24/2010		0.0583
MW-20	d	Zinc	7440-66-6	mg/L	3/24/2010		0.031
MW-21	d	Zinc	7440-66-6	mg/L	3/24/2010		0.0892
MW-22R	d	Zinc	7440-66-6	mg/L	3/24/2010		0.108

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-52	d	Zinc	7440-66-6	mg/L	3/24/2010		0.0628
MW-54	d	Zinc	7440-66-6	mg/L	3/24/2010		0.107
MW-55	d	Zinc	7440-66-6	mg/L	3/24/2010		0.0482
MW-28	d	Zinc	7440-66-6	mg/L	4/9/2010	ND	
MW-33R	d	Zinc	7440-66-6	mg/L	4/9/2010		0.0374
MW-50	d	Zinc	7440-66-6	mg/L	4/9/2010		0.0331
MW-54	d	Zinc	7440-66-6	mg/L	4/9/2010		0.0338
MW-56	d	Zinc	7440-66-6	mg/L	4/9/2010		0.0246
MW-57	d	Zinc	7440-66-6	mg/L	4/9/2010		0.0295
MW-58	d	Zinc	7440-66-6	mg/L	4/9/2010	ND	
MW-24R	u	Zinc	7440-66-6	mg/L	5/18/2010		0.0221
MW-32R	d	Zinc	7440-66-6	mg/L	5/18/2010		0.0708
MW-52	d	Zinc	7440-66-6	mg/L	5/18/2010	ND	
MW-53	d	Zinc	7440-66-6	mg/L	5/18/2010		0.0239
MW-55	d	Zinc	7440-66-6	mg/L	5/18/2010		0.037
MW-14R	d	Zinc	7440-66-6	mg/L	6/17/2010	ND	
MW-19	d	Zinc	7440-66-6	mg/L	6/17/2010	ND	
MW-29	d	Zinc	7440-66-6	mg/L	6/17/2010		0.0792
MW-30R	d	Zinc	7440-66-6	mg/L	6/17/2010		0.0366
MW-31R	d	Zinc	7440-66-6	mg/L	6/17/2010		0.025
MW-51	d	Zinc	7440-66-6	mg/L	6/17/2010		0.0413
MW-21	d	Zinc	7440-66-6	mg/L	7/21/2010		0.0511
MW-54	d	Zinc	7440-66-6	mg/L	7/21/2010		0.0485
MW-20	d	Zinc	7440-66-6	mg/L	8/17/2010	ND	
MW-29	d	Zinc	7440-66-6	mg/L	8/17/2010		0.126
MW-39	d	Zinc	7440-66-6	mg/L	8/17/2010		0.0542
MW-51	d	Zinc	7440-66-6	mg/L	8/17/2010		0.0556
GU-3A	d	Zinc	7440-66-6	mg/L	9/17/2010		0.105
MW-22R	d	Zinc	7440-66-6	mg/L	9/17/2010		0.0263
MW-55	d	Zinc	7440-66-6	mg/L	9/17/2010		0.0431
MW-19	d	Zinc	7440-66-6	mg/L	10/22/2010	ND	
MW-24R	u	Zinc	7440-66-6	mg/L	10/22/2010		0.0438
MW-30R	d	Zinc	7440-66-6	mg/L	10/22/2010		0.0419
MW-31R	d	Zinc	7440-66-6	mg/L	10/22/2010	ND	
MW-50	d	Zinc	7440-66-6	mg/L	10/22/2010		0.0262
MW-53	d	Zinc	7440-66-6	mg/L	10/22/2010		0.0448
MW-56	d	Zinc	7440-66-6	mg/L	10/22/2010		0.0571
MW-58	d	Zinc	7440-66-6	mg/L	10/22/2010	ND	
MW-14R	d	Zinc	7440-66-6	mg/L	11/8/2010	ND	
MW-32R	d	Zinc	7440-66-6	mg/L	11/8/2010		0.0458
MW-57	d	Zinc	7440-66-6	mg/L	11/8/2010		0.0394
MW-28	d	Zinc	7440-66-6	mg/L	12/15/2010		0.0232
MW-33R	d	Zinc	7440-66-6	mg/L	12/15/2010		0.119
MW-52	d	Zinc	7440-66-6	mg/L	12/15/2010		0.122
MW-54	d	Zinc	7440-66-6	mg/L	1/12/2011		0.0843
MW-54	d	Zinc	7440-66-6	mg/L	1/12/2011		0.119
MW-20	d	Zinc	7440-66-6	mg/L	2/22/2011	ND	
MW-22R	d	Zinc	7440-66-6	mg/L	2/22/2011		0.0203
MW-51	d	Zinc	7440-66-6	mg/L	2/22/2011		0.0541
MW-52	d	Zinc	7440-66-6	mg/L	2/22/2011		0.111
MW-53	d	Zinc	7440-66-6	mg/L	2/22/2011		0.0424
MW-55	d	Zinc	7440-66-6	mg/L	2/22/2011		0.046
GU-3A	d	Zinc	7440-66-6	mg/L	3/2/2011		0.0621
MW-21	d	Zinc	7440-66-6	mg/L	3/2/2011		0.0529
MW-21	d	Zinc	7440-66-6	mg/L	3/2/2011		0.0535
MW-29	d	Zinc	7440-66-6	mg/L	4/21/2011	ND	
MW-30R	d	Zinc	7440-66-6	mg/L	4/21/2011	ND	
MW-31R	d	Zinc	7440-66-6	mg/L	4/21/2011	ND	
MW-31R	d	Zinc	7440-66-6	mg/L	4/21/2011		0.173
MW-32R	d	Zinc	7440-66-6	mg/L	4/21/2011		0.0474
MW-54	d	Zinc	7440-66-6	mg/L	5/31/2011	ND	
MW-56	d	Zinc	7440-66-6	mg/L	5/31/2011	ND	
MW-57	d	Zinc	7440-66-6	mg/L	5/31/2011	ND	
MW-58	d	Zinc	7440-66-6	mg/L	5/31/2011	ND	
MW-14R	d	Zinc	7440-66-6	mg/L	6/7/2011	ND	
MW-14R	d	Zinc	7440-66-6	mg/L	6/7/2011	ND	
MW-19	d	Zinc	7440-66-6	mg/L	6/7/2011	ND	
MW-28	d	Zinc	7440-66-6	mg/L	6/7/2011	ND	
MW-33R	d	Zinc	7440-66-6	mg/L	6/7/2011	ND	
MW-39	d	Zinc	7440-66-6	mg/L	6/7/2011	ND	
MW-50	d	Zinc	7440-66-6	mg/L	6/7/2011	ND	
MW-52	d	Zinc	7440-66-6	mg/L	7/22/2011	ND	
MW-56	d	Zinc	7440-66-6	mg/L	7/22/2011	ND	
MW-58	d	Zinc	7440-66-6	mg/L	7/22/2011	ND	
MW-14R	d	Zinc	7440-66-6	mg/L	8/29/2011		0.0382
MW-19	d	Zinc	7440-66-6	mg/L	8/29/2011	ND	
MW-19	d	Zinc	7440-66-6	mg/L	8/29/2011	ND	
MW-32R	d	Zinc	7440-66-6	mg/L	8/29/2011		0.0296
GU-3A	d	Zinc	7440-66-6	mg/L	9/9/2011		0.0356
MW-22R	d	Zinc	7440-66-6	mg/L	9/9/2011	ND	
MW-23	u	Zinc	7440-66-6	mg/L	9/9/2011	ND	
MW-24R	u	Zinc	7440-66-6	mg/L	9/9/2011	ND	
MW-28	d	Zinc	7440-66-6	mg/L	9/9/2011	ND	
MW-29	d	Zinc	7440-66-6	mg/L	9/9/2011	ND	
MW-51	d	Zinc	7440-66-6	mg/L	9/9/2011	ND	
MW-53	d	Zinc	7440-66-6	mg/L	9/9/2011	ND	
MW-53	d	Zinc	7440-66-6	mg/L	9/9/2011	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-21	d	Zinc	7440-66-6	mg/L	10/4/2011	ND	
MW-50	d	Zinc	7440-66-6	mg/L	10/4/2011	ND	
MW-50	d	Zinc	7440-66-6	mg/L	10/4/2011	ND	
MW-54	d	Zinc	7440-66-6	mg/L	10/4/2011	ND	
MW-57	d	Zinc	7440-66-6	mg/L	10/4/2011	ND	
MW-20	d	Zinc	7440-66-6	mg/L	11/29/2011	ND	
MW-30R	d	Zinc	7440-66-6	mg/L	11/29/2011	ND	
MW-52	d	Zinc	7440-66-6	mg/L	11/29/2011	ND	
MW-55	d	Zinc	7440-66-6	mg/L	11/29/2011	ND	
MW-31R	d	Zinc	7440-66-6	mg/L	12/16/2011	ND	
MW-33R	d	Zinc	7440-66-6	mg/L	12/16/2011	ND	
MW-39	d	Zinc	7440-66-6	mg/L	12/16/2011	ND	
MW-14R	d	Zinc	7440-66-6	mg/L	3/8/2012	ND	
MW-19	d	Zinc	7440-66-6	mg/L	3/8/2012	ND	
MW-20	d	Zinc	7440-66-6	mg/L	3/8/2012	ND	
MW-21	d	Zinc	7440-66-6	mg/L	3/8/2012	ND	
MW-22R	d	Zinc	7440-66-6	mg/L	3/8/2012	ND	
MW-23	u	Zinc	7440-66-6	mg/L	3/8/2012	ND	
MW-24R	u	Zinc	7440-66-6	mg/L	3/8/2012	ND	
MW-28	d	Zinc	7440-66-6	mg/L	3/8/2012	ND	
MW-39	d	Zinc	7440-66-6	mg/L	3/8/2012	ND	
MW-55	d	Zinc	7440-66-6	mg/L	3/8/2012	ND	
MW-56	d	Zinc	7440-66-6	mg/L	3/8/2012	ND	
MW-57	d	Zinc	7440-66-6	mg/L	3/8/2012	ND	
MW-58	d	Zinc	7440-66-6	mg/L	3/8/2012		0.0208
GU-3A	d	Zinc	7440-66-6	mg/L	6/13/2012		0.0626
MW-29	d	Zinc	7440-66-6	mg/L	6/13/2012	ND	
MW-30R	d	Zinc	7440-66-6	mg/L	6/13/2012	ND	
MW-31R	d	Zinc	7440-66-6	mg/L	6/13/2012	ND	
MW-32R	d	Zinc	7440-66-6	mg/L	6/13/2012		0.0265
MW-33R	d	Zinc	7440-66-6	mg/L	6/13/2012		0.025
MW-50	d	Zinc	7440-66-6	mg/L	6/13/2012	ND	
MW-50	d	Zinc	7440-66-6	mg/L	6/13/2012	ND	
MW-51	d	Zinc	7440-66-6	mg/L	6/13/2012	ND	
MW-52	d	Zinc	7440-66-6	mg/L	6/13/2012	ND	
MW-53	d	Zinc	7440-66-6	mg/L	6/13/2012	ND	
MW-54	d	Zinc	7440-66-6	mg/L	6/13/2012	ND	
GU-3A	d	Zinc	7440-66-6	mg/L	9/4/2012	ND	
MW-20	d	Zinc	7440-66-6	mg/L	9/4/2012	ND	
MW-21	d	Zinc	7440-66-6	mg/L	9/4/2012	ND	
MW-22R	d	Zinc	7440-66-6	mg/L	9/4/2012	ND	
MW-23	u	Zinc	7440-66-6	mg/L	9/4/2012		0.0523
MW-50	d	Zinc	7440-66-6	mg/L	9/4/2012	ND	
MW-51	d	Zinc	7440-66-6	mg/L	9/4/2012	ND	
MW-52	d	Zinc	7440-66-6	mg/L	9/4/2012	ND	
MW-53	d	Zinc	7440-66-6	mg/L	9/4/2012	ND	
MW-54	d	Zinc	7440-66-6	mg/L	9/4/2012	ND	
MW-54	d	Zinc	7440-66-6	mg/L	9/4/2012	ND	
MW-57	d	Zinc	7440-66-6	mg/L	9/4/2012		0.0209
MW-58	d	Zinc	7440-66-6	mg/L	9/4/2012	ND	
MW-14R	d	Zinc	7440-66-6	mg/L	12/19/2012		0.0288
MW-19	d	Zinc	7440-66-6	mg/L	12/19/2012		0.0334
MW-28	d	Zinc	7440-66-6	mg/L	12/19/2012		0.0591
MW-29	d	Zinc	7440-66-6	mg/L	12/19/2012		0.0809
MW-30R	d	Zinc	7440-66-6	mg/L	12/19/2012		0.0582
MW-31R	d	Zinc	7440-66-6	mg/L	12/19/2012		0.0431
MW-32R	d	Zinc	7440-66-6	mg/L	12/19/2012		0.0914
MW-33R	d	Zinc	7440-66-6	mg/L	12/19/2012		0.0721
MW-33R	d	Zinc	7440-66-6	mg/L	12/19/2012		0.0659
MW-39	d	Zinc	7440-66-6	mg/L	12/19/2012		0.0649
MW-55	d	Zinc	7440-66-6	mg/L	12/19/2012		0.0552
MW-56	d	Zinc	7440-66-6	mg/L	12/19/2012		0.0646
MW-14R	d	Zinc	7440-66-6	mg/L	3/11/2013	ND	
MW-19	d	Zinc	7440-66-6	mg/L	3/11/2013	ND	
MW-23	u	Zinc	7440-66-6	mg/L	3/11/2013		0.0296
MW-28	d	Zinc	7440-66-6	mg/L	3/11/2013		0.0245
MW-39	d	Zinc	7440-66-6	mg/L	3/11/2013		0.0389
MW-50	d	Zinc	7440-66-6	mg/L	3/11/2013		0.0289
MW-50	d	Zinc	7440-66-6	mg/L	3/11/2013		0.0495
MW-51	d	Zinc	7440-66-6	mg/L	3/11/2013		0.0455
MW-52	d	Zinc	7440-66-6	mg/L	3/11/2013		0.0409
MW-53	d	Zinc	7440-66-6	mg/L	3/11/2013		0.0443
MW-54	d	Zinc	7440-66-6	mg/L	3/11/2013		0.0583
MW-55	d	Zinc	7440-66-6	mg/L	3/11/2013	ND	
MW-56	d	Zinc	7440-66-6	mg/L	3/11/2013		0.0392
MW-20	d	Zinc	7440-66-6	mg/L	6/10/2013		0.0379
MW-20	d	Zinc	7440-66-6	mg/L	6/10/2013	ND	
MW-21	d	Zinc	7440-66-6	mg/L	6/10/2013		0.0809
MW-22R	d	Zinc	7440-66-6	mg/L	6/10/2013		0.0628
MW-29	d	Zinc	7440-66-6	mg/L	6/10/2013		0.063
MW-30R	d	Zinc	7440-66-6	mg/L	6/10/2013		0.0499
MW-31R	d	Zinc	7440-66-6	mg/L	6/10/2013		0.0305
MW-32R	d	Zinc	7440-66-6	mg/L	6/10/2013		0.0393
MW-33R	d	Zinc	7440-66-6	mg/L	6/10/2013		0.0531
MW-57	d	Zinc	7440-66-6	mg/L	6/10/2013		0.0552
MW-58	d	Zinc	7440-66-6	mg/L	6/10/2013		0.0808
GU-3A	d	Zinc	7440-66-6	mg/L	9/10/2013	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-23	u	Zinc	7440-66-6	mg/L	9/10/2013	J	0.0181
MW-31R	d	Zinc	7440-66-6	mg/L	9/10/2013	J	0.0141
MW-31R	d	Zinc	7440-66-6	mg/L	9/10/2013	J	0.017
MW-32R	d	Zinc	7440-66-6	mg/L	9/10/2013	J	0.0172
MW-33R	d	Zinc	7440-66-6	mg/L	9/10/2013	ND	
MW-50	d	Zinc	7440-66-6	mg/L	9/10/2013	J	0.0171
MW-51	d	Zinc	7440-66-6	mg/L	9/10/2013	ND	
MW-52	d	Zinc	7440-66-6	mg/L	9/10/2013	J	0.0193
MW-53	d	Zinc	7440-66-6	mg/L	9/10/2013	ND	
MW-54	d	Zinc	7440-66-6	mg/L	9/10/2013	ND	
MW-14R	d	Zinc	7440-66-6	mg/L	12/18/2013		0.0392
MW-18	d	Zinc	7440-66-6	mg/L	12/18/2013		0.09
MW-19	d	Zinc	7440-66-6	mg/L	12/18/2013		0.0854
MW-20	d	Zinc	7440-66-6	mg/L	12/18/2013		0.0701
MW-21	d	Zinc	7440-66-6	mg/L	12/18/2013		0.138
MW-22R	d	Zinc	7440-66-6	mg/L	12/18/2013		0.156
MW-28	d	Zinc	7440-66-6	mg/L	12/18/2013		0.0644
MW-30R	d	Zinc	7440-66-6	mg/L	12/18/2013		0.138
MW-39	d	Zinc	7440-66-6	mg/L	12/18/2013		0.143
MW-39	d	Zinc	7440-66-6	mg/L	12/18/2013		0.135
MW-55	d	Zinc	7440-66-6	mg/L	12/18/2013		0.112
MW-18	d	Zinc	7440-66-6	mg/L	3/20/2014	ND	
MW-20	d	Zinc	7440-66-6	mg/L	3/20/2014	ND	
MW-21	d	Zinc	7440-66-6	mg/L	3/20/2014	ND	
MW-21	d	Zinc	7440-66-6	mg/L	3/20/2014	ND	
MW-22R	d	Zinc	7440-66-6	mg/L	3/20/2014	ND	
MW-23	u	Zinc	7440-66-6	mg/L	3/20/2014	ND	
MW-30R	d	Zinc	7440-66-6	mg/L	3/20/2014	ND	
MW-31R	d	Zinc	7440-66-6	mg/L	3/20/2014	ND	
MW-32R	d	Zinc	7440-66-6	mg/L	3/20/2014	ND	
MW-33R	d	Zinc	7440-66-6	mg/L	3/20/2014	ND	
MW-14R	d	Zinc	7440-66-6	mg/L	6/24/2014	ND	
MW-14R	d	Zinc	7440-66-6	mg/L	6/24/2014	ND	
MW-18	d	Zinc	7440-66-6	mg/L	6/24/2014	ND	
MW-19	d	Zinc	7440-66-6	mg/L	6/24/2014	ND	
MW-28	d	Zinc	7440-66-6	mg/L	6/24/2014	ND	
MW-39	d	Zinc	7440-66-6	mg/L	6/24/2014	ND	
MW-50	d	Zinc	7440-66-6	mg/L	6/24/2014	ND	
MW-51	d	Zinc	7440-66-6	mg/L	6/24/2014	ND	
MW-52	d	Zinc	7440-66-6	mg/L	6/24/2014	ND	
MW-53	d	Zinc	7440-66-6	mg/L	6/24/2014	ND	
MW-54	d	Zinc	7440-66-6	mg/L	6/24/2014	ND	
MW-55	d	Zinc	7440-66-6	mg/L	6/24/2014	ND	
MW-58	d	Zinc	7440-66-6	mg/L	6/24/2014		0.114
MW-29	d	Zinc	7440-66-6	mg/L	7/24/2014		0.178
MW-56	d	Zinc	7440-66-6	mg/L	7/24/2014		0.139
MW-57	d	Zinc	7440-66-6	mg/L	7/24/2014		0.174
GU-3A	d	Zinc	7440-66-6	mg/L	9/24/2014	ND	
MW-18	d	Zinc	7440-66-6	mg/L	9/24/2014	ND	
MW-23	u	Zinc	7440-66-6	mg/L	9/24/2014	ND	
MW-24R	u	Zinc	7440-66-6	mg/L	9/24/2014	ND	
MW-29	d	Zinc	7440-66-6	mg/L	9/24/2014	ND	
MW-30R	d	Zinc	7440-66-6	mg/L	9/24/2014	ND	
MW-31R	d	Zinc	7440-66-6	mg/L	9/24/2014	ND	
MW-31R	d	Zinc	7440-66-6	mg/L	9/24/2014	ND	
MW-32R	d	Zinc	7440-66-6	mg/L	9/24/2014	ND	
MW-33R	d	Zinc	7440-66-6	mg/L	9/24/2014	ND	
MW-50	d	Zinc	7440-66-6	mg/L	9/24/2014	ND	
MW-51	d	Zinc	7440-66-6	mg/L	9/24/2014	ND	
MW-52	d	Zinc	7440-66-6	mg/L	9/24/2014	ND	
MW-53	d	Zinc	7440-66-6	mg/L	9/24/2014	ND	
MW-54	d	Zinc	7440-66-6	mg/L	9/24/2014	ND	
MW-14R	d	Zinc	7440-66-6	mg/L	12/4/2014	ND	
MW-18	d	Zinc	7440-66-6	mg/L	12/4/2014	J	0.0126
MW-19	d	Zinc	7440-66-6	mg/L	12/4/2014	J	0.0134
MW-20	d	Zinc	7440-66-6	mg/L	12/4/2014	ND	
MW-21	d	Zinc	7440-66-6	mg/L	12/4/2014	J	0.0193
MW-22R	d	Zinc	7440-66-6	mg/L	12/4/2014	J	0.0134
MW-28	d	Zinc	7440-66-6	mg/L	12/4/2014	ND	
MW-39	d	Zinc	7440-66-6	mg/L	12/4/2014	ND	
MW-56	d	Zinc	7440-66-6	mg/L	12/4/2014	J	0.0178
MW-57	d	Zinc	7440-66-6	mg/L	12/4/2014		0.0647
MW-57	d	Zinc	7440-66-6	mg/L	12/4/2014		0.0497
MW-58	d	Zinc	7440-66-6	mg/L	12/4/2014		0.0614
MW-14R	d	Zinc	7440-66-6	mg/L	3/11/2015	ND	
MW-18	d	Zinc	7440-66-6	mg/L	3/11/2015	ND	
MW-19	d	Zinc	7440-66-6	mg/L	3/11/2015	ND	
MW-20	d	Zinc	7440-66-6	mg/L	3/11/2015	ND	
MW-21	d	Zinc	7440-66-6	mg/L	3/11/2015		0.0198
MW-22R	d	Zinc	7440-66-6	mg/L	3/11/2015	ND	
MW-23	u	Zinc	7440-66-6	mg/L	3/11/2015	ND	
MW-24R	u	Zinc	7440-66-6	mg/L	3/11/2015	ND	
MW-28	d	Zinc	7440-66-6	mg/L	3/11/2015	ND	
MW-39	d	Zinc	7440-66-6	mg/L	3/11/2015	ND	
MW-55	d	Zinc	7440-66-6	mg/L	3/11/2015	ND	
MW-56	d	Zinc	7440-66-6	mg/L	3/11/2015	ND	
MW-57	d	Zinc	7440-66-6	mg/L	3/11/2015	J	0.00872

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	Zinc	7440-66-6	mg/L	3/11/2015		0.0218
MW-58	d	Zinc	7440-66-6	mg/L	3/11/2015		0.0158
MW-29	d	Zinc	7440-66-6	mg/L	6/29/2015	ND	
MW-30R	d	Zinc	7440-66-6	mg/L	6/29/2015	J	0.00701
MW-31R	d	Zinc	7440-66-6	mg/L	6/29/2015	ND	
MW-31R	d	Zinc	7440-66-6	mg/L	6/29/2015	ND	
MW-32R	d	Zinc	7440-66-6	mg/L	6/29/2015	ND	
MW-33R	d	Zinc	7440-66-6	mg/L	6/29/2015	ND	
MW-50	d	Zinc	7440-66-6	mg/L	6/29/2015	ND	
MW-51	d	Zinc	7440-66-6	mg/L	6/29/2015	ND	
MW-52	d	Zinc	7440-66-6	mg/L	6/29/2015	ND	
MW-53	d	Zinc	7440-66-6	mg/L	6/29/2015	ND	
MW-54	d	Zinc	7440-66-6	mg/L	6/29/2015	ND	
GU-3A	d	Zinc	7440-66-6	mg/L	9/22/2015		0.0263
MW-14R	d	Zinc	7440-66-6	mg/L	2/15/2016	ND	
MW-14R	d	Zinc	7440-66-6	mg/L	2/15/2016	ND	
MW-18	d	Zinc	7440-66-6	mg/L	2/15/2016		0.0143
MW-19	d	Zinc	7440-66-6	mg/L	2/15/2016	J	0.00806
MW-39	d	Zinc	7440-66-6	mg/L	2/15/2016	ND	
MW-20	d	Zinc	7440-66-6	mg/L	2/16/2016	ND	
MW-21	d	Zinc	7440-66-6	mg/L	2/16/2016	ND	
MW-55	d	Zinc	7440-66-6	mg/L	2/16/2016	ND	
MW-56	d	Zinc	7440-66-6	mg/L	2/16/2016	J	0.00743
MW-57	d	Zinc	7440-66-6	mg/L	2/16/2016		0.0444
MW-58	d	Zinc	7440-66-6	mg/L	2/16/2016		0.0317
MW-22R	d	Zinc	7440-66-6	mg/L	2/17/2016		0.0111
MW-23	u	Zinc	7440-66-6	mg/L	2/17/2016	ND	
MW-24R	u	Zinc	7440-66-6	mg/L	2/17/2016	ND	
MW-28	d	Zinc	7440-66-6	mg/L	8/25/2016	J	0.00776
MW-29	d	Zinc	7440-66-6	mg/L	8/25/2016		0.0133
MW-30R	d	Zinc	7440-66-6	mg/L	8/25/2016		0.0106
MW-31R	d	Zinc	7440-66-6	mg/L	8/25/2016	J	0.00719
MW-32R	d	Zinc	7440-66-6	mg/L	8/25/2016	ND	
MW-33R	d	Zinc	7440-66-6	mg/L	8/25/2016		0.0119
MW-50	d	Zinc	7440-66-6	mg/L	8/25/2016	J	0.00831
MW-51	d	Zinc	7440-66-6	mg/L	8/25/2016	ND	
MW-52	d	Zinc	7440-66-6	mg/L	8/25/2016	ND	
MW-53	d	Zinc	7440-66-6	mg/L	8/25/2016	J	0.00585
MW-54	d	Zinc	7440-66-6	mg/L	8/25/2016	ND	
GU-3A	d	Zinc	7440-66-6	mg/L	8/26/2016	J	0.00702
MW-18	d	Zinc	7440-66-6	mg/L	1/17/2017	J	0.00632
MW-19	d	Zinc	7440-66-6	mg/L	1/17/2017	ND	
MW-22R	d	Zinc	7440-66-6	mg/L	1/17/2017	J	0.00865
MW-23	u	Zinc	7440-66-6	mg/L	1/17/2017	ND	
MW-24R	u	Zinc	7440-66-6	mg/L	1/17/2017	ND	
MW-28	d	Zinc	7440-66-6	mg/L	1/17/2017	ND	
MW-28	d	Zinc	7440-66-6	mg/L	1/17/2017	ND	
MW-39	d	Zinc	7440-66-6	mg/L	1/17/2017	ND	
MW-50	d	Zinc	7440-66-6	mg/L	1/17/2017	ND	
MW-51	d	Zinc	7440-66-6	mg/L	1/17/2017	ND	
MW-53	d	Zinc	7440-66-6	mg/L	1/17/2017	ND	
MW-54	d	Zinc	7440-66-6	mg/L	1/17/2017	ND	
MW-56	d	Zinc	7440-66-6	mg/L	1/17/2017	J	0.00527
GU-3A	d	Zinc	7440-66-6	mg/L	7/10/2017	ND	
MW-14R	d	Zinc	7440-66-6	mg/L	7/10/2017	ND	
MW-20	d	Zinc	7440-66-6	mg/L	7/10/2017	ND	
MW-21	d	Zinc	7440-66-6	mg/L	7/10/2017	ND	
MW-29	d	Zinc	7440-66-6	mg/L	7/10/2017	ND	
MW-30R	d	Zinc	7440-66-6	mg/L	7/10/2017	ND	
MW-31R	d	Zinc	7440-66-6	mg/L	7/10/2017	ND	
MW-32R	d	Zinc	7440-66-6	mg/L	7/10/2017	ND	
MW-32R	d	Zinc	7440-66-6	mg/L	7/10/2017	ND	
MW-33R	d	Zinc	7440-66-6	mg/L	7/10/2017	ND	
MW-57	d	Zinc	7440-66-6	mg/L	7/10/2017	ND	
MW-58	d	Zinc	7440-66-6	mg/L	7/10/2017	ND	
MW-52	d	Zinc	7440-66-6	mg/L	10/17/2017	ND	
MW-55	d	Zinc	7440-66-6	mg/L	10/17/2017	ND	
GU-3A	d	Zinc	7440-66-6	mg/L	4/3/2018		0.588
GU-3A	d	Zinc	7440-66-6	mg/L	4/3/2018		0.275
MW-14R	d	Zinc	7440-66-6	mg/L	4/3/2018	ND	
MW-20	d	Zinc	7440-66-6	mg/L	4/3/2018	ND	
MW-21	d	Zinc	7440-66-6	mg/L	4/3/2018	ND	
MW-29	d	Zinc	7440-66-6	mg/L	4/3/2018	ND	
MW-30R	d	Zinc	7440-66-6	mg/L	4/3/2018	ND	
MW-31R	d	Zinc	7440-66-6	mg/L	4/3/2018	ND	
MW-32R	d	Zinc	7440-66-6	mg/L	4/3/2018		0.021
MW-33R	d	Zinc	7440-66-6	mg/L	4/3/2018	ND	
MW-33R	d	Zinc	7440-66-6	mg/L	4/3/2018	J	0.012
MW-57	d	Zinc	7440-66-6	mg/L	4/3/2018		0.148
MW-58	d	Zinc	7440-66-6	mg/L	4/3/2018		0.134
MW-23	u	Zinc	7440-66-6	mg/L	11/1/2018	ND	
MW-24R	u	Zinc	7440-66-6	mg/L	11/1/2018	ND	
MW-39	d	Zinc	7440-66-6	mg/L	11/1/2018	ND	
MW-50	d	Zinc	7440-66-6	mg/L	11/1/2018	ND	
MW-51	d	Zinc	7440-66-6	mg/L	11/1/2018	ND	
MW-52	d	Zinc	7440-66-6	mg/L	11/1/2018	ND	
MW-53	d	Zinc	7440-66-6	mg/L	11/1/2018	ND	

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-54	d	Zinc	7440-66-6	mg/L	11/1/2018	ND	
MW-55	d	Zinc	7440-66-6	mg/L	11/1/2018	ND	
MW-18	d	Zinc	7440-66-6	mg/L	11/2/2018	ND	
MW-19	d	Zinc	7440-66-6	mg/L	11/2/2018	ND	
MW-22R	d	Zinc	7440-66-6	mg/L	11/2/2018	J	0.0159
MW-28	d	Zinc	7440-66-6	mg/L	11/2/2018	ND	
MW-56	d	Zinc	7440-66-6	mg/L	11/2/2018	ND	
MW-18	d	Zinc	7440-66-6	mg/L	5/16/2019	J	0.0134
MW-19	d	Zinc	7440-66-6	mg/L	5/16/2019		0.0645
MW-23	u	Zinc	7440-66-6	mg/L	5/16/2019	J	0.0119
MW-24R	u	Zinc	7440-66-6	mg/L	5/16/2019		0.0234
MW-28	d	Zinc	7440-66-6	mg/L	5/16/2019	J	0.0175
MW-39	d	Zinc	7440-66-6	mg/L	5/16/2019	ND	
MW-55	d	Zinc	7440-66-6	mg/L	5/16/2019	ND	
MW-50	d	Zinc	7440-66-6	mg/L	5/20/2019	J	0.00799
MW-51	d	Zinc	7440-66-6	mg/L	5/20/2019	J	0.0163
MW-52	d	Zinc	7440-66-6	mg/L	5/20/2019	J	0.0156
MW-54	d	Zinc	7440-66-6	mg/L	5/20/2019		0.0769
MW-56	d	Zinc	7440-66-6	mg/L	5/20/2019		0.0478
MW-53	d	Zinc	7440-66-6	mg/L	5/21/2019		0.0209
MW-14R	d	Zinc	7440-66-6	mg/L	9/11/2019	ND	
MW-29	d	Zinc	7440-66-6	mg/L	9/11/2019	ND	
MW-30R	d	Zinc	7440-66-6	mg/L	9/11/2019	ND	
MW-31R	d	Zinc	7440-66-6	mg/L	9/11/2019	ND	
MW-32R	d	Zinc	7440-66-6	mg/L	9/11/2019	ND	
MW-33R	d	Zinc	7440-66-6	mg/L	9/11/2019	ND	
MW-58	d	Zinc	7440-66-6	mg/L	9/11/2019		0.0366
GU-3A	d	Zinc	7440-66-6	mg/L	3/16/2020		0.343
MW-31R	d	Zinc	7440-66-6	mg/L	3/16/2020	ND	
MW-32R	d	Zinc	7440-66-6	mg/L	3/16/2020	ND	
MW-33R	d	Zinc	7440-66-6	mg/L	3/16/2020	ND	
MW-14R	d	Zinc	7440-66-6	mg/L	3/17/2020	ND	
MW-29	d	Zinc	7440-66-6	mg/L	3/17/2020	ND	
MW-30R	d	Zinc	7440-66-6	mg/L	3/17/2020	ND	
MW-58	d	Zinc	7440-66-6	mg/L	3/17/2020	J	0.0177
MW-19	d	Zinc	7440-66-6	mg/L	7/20/2020	ND	
MW-28	d	Zinc	7440-66-6	mg/L	7/20/2020	ND	
MW-51	d	Zinc	7440-66-6	mg/L	7/20/2020	ND	
MW-55	d	Zinc	7440-66-6	mg/L	7/20/2020	ND	
MW-56	d	Zinc	7440-66-6	mg/L	7/20/2020	ND	
MW-57R	d	Zinc	7440-66-6	mg/L	7/20/2020	ND	
MW-73	d	Zinc	7440-66-6	mg/L	7/20/2020	ND	
MW-18	d	Zinc	7440-66-6	mg/L	7/21/2020	ND	
MW-39	d	Zinc	7440-66-6	mg/L	7/21/2020	ND	
MW-50	d	Zinc	7440-66-6	mg/L	7/21/2020	ND	
MW-52	d	Zinc	7440-66-6	mg/L	7/21/2020	ND	
MW-53	d	Zinc	7440-66-6	mg/L	7/21/2020	ND	
MW-54	d	Zinc	7440-66-6	mg/L	7/21/2020	ND	
MW-23	u	Zinc	7440-66-6	mg/L	7/22/2020	ND	
MW-24R	u	Zinc	7440-66-6	mg/L	7/22/2020	ND	
MW-55	d	Zinc	7440-66-6	mg/L	11/12/2020	ND	
MW-32R	d	Zinc	7440-66-6	mg/L	8/24/2021		<0.0200
MW-33R	d	Zinc	7440-66-6	mg/L	8/24/2021		<0.0200
MW-14R	d	Zinc	7440-66-6	mg/L	8/24/2021		<0.0200
MW-31R	d	Zinc	7440-66-6	mg/L	8/24/2021		<0.0200
MW-29	d	Zinc	7440-66-6	mg/L	8/25/2021		<0.0200
MW-58	d	Zinc	7440-66-6	mg/L	8/25/2021	J	0.0164
MW-30R	d	Zinc	7440-66-6	mg/L	8/25/2021		<0.0200
MW-57R	d	Zinc	7440-66-6	mg/L	8/26/2021		<0.0200
MW-73	d	Zinc	7440-66-6	mg/L	8/27/2021	J	0.0167
GU-3A	d	Zinc	7440-66-6	mg/L	9/8/2021	J	0.0113
MW-24R	u	Zinc	7440-66-6	mg/L	12/7/2021		<0.0200
MW-28	d	Zinc	7440-66-6	mg/L	12/7/2021		<0.0200
MW-57R	d	Zinc	7440-66-6	mg/L	12/7/2021		<0.0200
MW-73	d	Zinc	7440-66-6	mg/L	12/7/2021		<0.0200
MW-56	d	Zinc	7440-66-6	mg/L	12/7/2021		<0.0200
MW-19	d	Zinc	7440-66-6	mg/L	12/7/2021		<0.0200
MW-18	d	Zinc	7440-66-6	mg/L	12/7/2021		<0.0200
MW-55	d	Zinc	7440-66-6	mg/L	12/7/2021		<0.0200
MW-50	d	Zinc	7440-66-6	mg/L	12/7/2021		<0.0200
MW-23	u	Zinc	7440-66-6	mg/L	12/8/2021		<0.0200
MW-39	d	Zinc	7440-66-6	mg/L	12/8/2021		<0.0200
MW-51	d	Zinc	7440-66-6	mg/L	12/8/2021		<0.0200
MW-52	d	Zinc	7440-66-6	mg/L	12/8/2021		<0.0200
MW-53	d	Zinc	7440-66-6	mg/L	12/8/2021		<0.0200
MW-54	d	Zinc	7440-66-6	mg/L	12/8/2021		<0.0200
MW-54	d	Tin	7440-31-5	mg/L	12/8/2021		<0.00500
MW-54	d	Acetone	67-64-1	ug/L	12/8/2021		<10.0
MW-54	d	Acrylonitrile	107-13-1	ug/L	12/8/2021		<10.0
MW-54	d	Benzene	71-43-2	ug/L	12/8/2021		<0.500
MW-54	d	Bromochloromethane	74-97-5	ug/L	12/8/2021		<5.00
MW-54	d	Bromodichloromethane	75-27-4	ug/L	12/8/2021		<1.00
MW-54	d	Bromoform	75-25-2	ug/L	12/8/2021		<5.00
MW-54	d	Bromomethane	74-83-9	ug/L	12/8/2021		<4.00
MW-54	d	2-Butanone	78-93-3	ug/L	12/8/2021		<10.0
MW-54	d	Carbon Disulfide	75-15-0	ug/L	12/8/2021		<1.00
MW-54	d	Carbon Tetrachloride	56-23-5	ug/L	12/8/2021		<2.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-54	d	Chlorobenzene	108-90-7	ug/L	12/8/2021		<1.00
MW-54	d	Chlorodibromomethane	124-48-1	ug/L	12/8/2021		<5.00
MW-54	d	Chloroethane	75-00-3	ug/L	12/8/2021		<4.00
MW-54	d	Chloroform	67-66-3	ug/L	12/8/2021		<3.00
MW-54	d	Chloromethane	74-87-3	ug/L	12/8/2021		<3.00
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/8/2021		<1.00
MW-54	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/8/2021		<5.00
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/8/2021		<1.20
MW-54	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/8/2021		<0.340
MW-54	d	Methylene Bromide	74-95-3	ug/L	12/8/2021		<1.00
MW-54	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/8/2021		<1.00
MW-54	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/8/2021		<1.00
MW-54	d	1,1-Dichloroethane	75-34-3	ug/L	12/8/2021		<1.00
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	12/8/2021		<1.00
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	12/8/2021		<2.00
MW-54	d	1,2-Dichloropropane	78-87-5	ug/L	12/8/2021		<1.00
MW-54	d	Ethylbenzene	100-41-4	ug/L	12/8/2021		<1.00
MW-54	d	2-Hexanone	591-78-6	ug/L	12/8/2021		<10.0
MW-54	d	Iodomethane	74-88-4	ug/L	12/8/2021		<10.0
MW-54	d	Methylene Chloride	75-09-2	ug/L	12/8/2021		<5.00
MW-54	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/8/2021		<10.0
MW-54	d	Styrene	100-42-5	ug/L	12/8/2021		<1.00
MW-54	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/8/2021		<1.00
MW-54	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/8/2021		<1.00
MW-54	d	Tetrachloroethene	127-18-4	ug/L	12/8/2021		<1.00
MW-54	d	Toluene	108-88-3	ug/L	12/8/2021		<1.00
MW-54	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/8/2021		<10.0
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/8/2021		<1.00
MW-54	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/8/2021		<5.00
MW-54	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/8/2021		<1.00
MW-54	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/8/2021		<1.00
MW-54	d	Trichloroethene	79-01-6	ug/L	12/8/2021		<1.00
MW-54	d	Trichlorofluoromethane	75-69-4	ug/L	12/8/2021		<4.00
MW-54	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/8/2021		<1.00
MW-54	d	Vinyl Acetate	108-05-4	ug/L	12/8/2021		<10.0
MW-54	d	Vinyl Chloride	75-01-4	ug/L	12/8/2021		<1.00
MW-54	d	Xylenes, total	1330-20-7	ug/L	12/8/2021		<3.00
MW-54	d	Total Suspended Solids	TSS	mg/L	12/8/2021		37.3
MW-54	d	Total Organic Carbon	TOC	mg/L	12/8/2021		15.7
MW-58	d	Antimony	7440-36-0	mg/L	4/19/2022		<0.00200
MW-58	d	Arsenic	7440-38-2	mg/L	4/19/2022		0.0221
MW-58	d	Barium	7440-39-3	mg/L	4/19/2022		0.812
MW-58	d	Beryllium	7440-41-7	mg/L	4/19/2022		<0.00100
MW-58	d	Cadmium	7440-43-9	mg/L	4/19/2022		<0.000100
MW-58	d	Chromium	7440-47-3	mg/L	4/19/2022		<0.00500
MW-58	d	Cobalt	7440-48-4	mg/L	4/19/2022		0.00209
MW-58	d	Copper	7440-50-8	mg/L	4/19/2022	J	0.00215
MW-58	d	Lead	7439-92-1	mg/L	4/19/2022		0.000539
MW-58	d	Nickel	7440-02-0	mg/L	4/19/2022		0.0503
MW-58	d	Selenium	7782-49-2	mg/L	4/19/2022	J	0.00106
MW-58	d	Silver	7440-22-4	mg/L	4/19/2022		<0.00100
MW-58	d	Thallium	7440-28-0	mg/L	4/19/2022		<0.00100
MW-58	d	Vanadium	7440-62-2	mg/L	4/19/2022		<0.00500
MW-58	d	Zinc	7440-66-6	mg/L	4/19/2022		0.0201
MW-58	d	Alpha-BHC	319-84-6	ug/L	4/19/2022		<0.0640
MW-58	d	Delta-BHC	319-86-8	ug/L	4/19/2022	*1 *+	<0.0640
MW-58	d	Endosulfan I	959-98-8	ug/L	4/19/2022		<0.0640
MW-58	d	Gamma-BHC [Lindane]	58-89-9	ug/L	4/19/2022		<0.0640
MW-58	d	Heptachlor	76-44-8	ug/L	4/19/2022		<0.0640
MW-58	d	4,4`-DDD	72-54-8	ug/L	4/19/2022		<0.0640
MW-58	d	Acetone	67-64-1	ug/L	4/19/2022		<10.0
MW-58	d	Acrylonitrile	107-13-1	ug/L	4/19/2022		<10.0
MW-58	d	Benzene	71-43-2	ug/L	4/19/2022		3.65
MW-58	d	Bromochloromethane	74-97-5	ug/L	4/19/2022		<5.00
MW-58	d	Bromodichloromethane	75-27-4	ug/L	4/19/2022		<1.00
MW-58	d	Bromoform	75-25-2	ug/L	4/19/2022		<5.00
MW-58	d	Bromomethane	74-83-9	ug/L	4/19/2022		<4.00
MW-58	d	2-Butanone	78-93-3	ug/L	4/19/2022		<10.0
MW-58	d	Carbon Disulfide	75-15-0	ug/L	4/19/2022		<1.00
MW-58	d	Carbon Tetrachloride	56-23-5	ug/L	4/19/2022		<2.00
MW-58	d	Chlorobenzene	108-90-7	ug/L	4/19/2022		6.67
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	4/19/2022		<5.00
MW-58	d	Chloroethane	75-00-3	ug/L	4/19/2022	J	2.17
MW-58	d	Chloroform	67-66-3	ug/L	4/19/2022		<3.00
MW-58	d	Chloromethane	74-87-3	ug/L	4/19/2022		<3.00
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/19/2022		<1.00
MW-58	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/19/2022		<5.00
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/19/2022		<1.20
MW-58	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/19/2022		<0.340
MW-58	d	Methylene Bromide	74-95-3	ug/L	4/19/2022		<1.00
MW-58	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/19/2022		<1.00
MW-58	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/19/2022		<1.00
MW-58	d	1,1-Dichloroethane	75-34-3	ug/L	4/19/2022		<1.00
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	4/19/2022		<1.00
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	4/19/2022		<2.00
MW-58	d	1,2-Dichloropropane	78-87-5	ug/L	4/19/2022		<1.00
MW-58	d	Ethylbenzene	100-41-4	ug/L	4/19/2022		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	2-Hexanone	591-78-6	ug/L	4/19/2022		<10.0
MW-58	d	Iodomethane	74-88-4	ug/L	4/19/2022		<10.0
MW-58	d	Methylene Chloride	75-09-2	ug/L	4/19/2022		<5.00
MW-58	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/19/2022		<10.0
MW-58	d	Styrene	100-42-5	ug/L	4/19/2022		<1.00
MW-58	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/19/2022		<1.00
MW-58	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/19/2022		<1.00
MW-58	d	Tetrachloroethene	127-18-4	ug/L	4/19/2022		<1.00
MW-58	d	Toluene	108-88-3	ug/L	4/19/2022		<1.00
MW-58	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/19/2022		<10.0
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/19/2022		<1.00
MW-58	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/19/2022		<5.00
MW-58	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/19/2022		<1.00
MW-58	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/19/2022		<1.00
MW-58	d	Trichloroethene	79-01-6	ug/L	4/19/2022		<1.00
MW-58	d	Trichlorofluoromethane	75-69-4	ug/L	4/19/2022		<4.00
MW-58	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/19/2022		<1.00
MW-58	d	Vinyl Acetate	108-05-4	ug/L	4/19/2022		<10.0
MW-58	d	Vinyl Chloride	75-01-4	ug/L	4/19/2022		<1.00
MW-58	d	Xylenes, total	1330-20-7	ug/L	4/19/2022		<3.00
MW-58	d	2-Naphthylamine	91-59-8	ug/L	4/19/2022		<10.0
MW-58	d	Total Suspended Solids	TSS	mg/L	4/19/2022		52
MW-53	d	Total Organic Carbon	TOC	mg/L	4/19/2022		9.02
MW-53	d	Antimony	7440-36-0	mg/L	4/19/2022		<0.00200
MW-53	d	Arsenic	7440-38-2	mg/L	4/19/2022		<0.00200
MW-53	d	Barium	7440-39-3	mg/L	4/19/2022		1.9
MW-53	d	Beryllium	7440-41-7	mg/L	4/19/2022		<0.00100
MW-53	d	Cadmium	7440-43-9	mg/L	4/19/2022		<0.000100
MW-53	d	Chromium	7440-47-3	mg/L	4/19/2022		<0.00500
MW-53	d	Cobalt	7440-48-4	mg/L	4/19/2022	J	0.000252
MW-53	d	Copper	7440-50-8	mg/L	4/19/2022		<0.00500
MW-53	d	Lead	7439-92-1	mg/L	4/19/2022		<0.000500
MW-53	d	Nickel	7440-02-0	mg/L	4/19/2022		0.009
MW-53	d	Selenium	7782-49-2	mg/L	4/19/2022		<0.00500
MW-53	d	Silver	7440-22-4	mg/L	4/19/2022		<0.00100
MW-53	d	Thallium	7440-28-0	mg/L	4/19/2022		<0.00100
MW-53	d	Vanadium	7440-62-2	mg/L	4/19/2022		<0.00500
MW-53	d	Zinc	7440-66-6	mg/L	4/19/2022		<0.0200
MW-53	d	Tin	7440-31-5	mg/L	4/19/2022		<0.00500
MW-53	d	Acetone	67-64-1	ug/L	4/19/2022		<10.0
MW-53	d	Acrylonitrile	107-13-1	ug/L	4/19/2022		<10.0
MW-53	d	Benzene	71-43-2	ug/L	4/19/2022		9.31
MW-53	d	Bromochloromethane	74-97-5	ug/L	4/19/2022		<5.00
MW-53	d	Bromodichloromethane	75-27-4	ug/L	4/19/2022		<1.00
MW-53	d	Bromoform	75-25-2	ug/L	4/19/2022		<5.00
MW-53	d	Bromomethane	74-83-9	ug/L	4/19/2022		<4.00
MW-53	d	2-Butanone	78-93-3	ug/L	4/19/2022		<10.0
MW-53	d	Carbon Disulfide	75-15-0	ug/L	4/19/2022		<1.00
MW-53	d	Carbon Tetrachloride	56-23-5	ug/L	4/19/2022		<2.00
MW-53	d	Chlorobenzene	108-90-7	ug/L	4/19/2022		9.95
MW-53	d	Chlorodibromomethane	124-48-1	ug/L	4/19/2022		<5.00
MW-53	d	Chloroethane	75-00-3	ug/L	4/19/2022		<4.00
MW-53	d	Chloroform	67-66-3	ug/L	4/19/2022		<3.00
MW-53	d	Chloromethane	74-87-3	ug/L	4/19/2022		<3.00
MW-53	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/19/2022	J	0.267
MW-53	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/19/2022		<5.00
MW-53	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/19/2022		<1.20
MW-53	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/19/2022		<0.340
MW-53	d	Methylene Bromide	74-95-3	ug/L	4/19/2022		<1.00
MW-53	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/19/2022		<1.00
MW-53	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/19/2022		1.92
MW-53	d	1,1-Dichloroethane	75-34-3	ug/L	4/19/2022		<1.00
MW-53	d	1,2-Dichloroethane	107-06-2	ug/L	4/19/2022		<1.00
MW-53	d	1,1-Dichloroethene	75-35-4	ug/L	4/19/2022		<2.00
MW-53	d	1,2-Dichloropropane	78-87-5	ug/L	4/19/2022		<1.00
MW-53	d	Ethylbenzene	100-41-4	ug/L	4/19/2022		6.75
MW-53	d	2-Hexanone	591-78-6	ug/L	4/19/2022		<10.0
MW-53	d	Iodomethane	74-88-4	ug/L	4/19/2022		<10.0
MW-53	d	Methylene Chloride	75-09-2	ug/L	4/19/2022		<5.00
MW-53	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/19/2022		<10.0
MW-53	d	Styrene	100-42-5	ug/L	4/19/2022		<1.00
MW-53	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/19/2022		<1.00
MW-53	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/19/2022		<1.00
MW-53	d	Tetrachloroethene	127-18-4	ug/L	4/19/2022		<1.00
MW-53	d	Toluene	108-88-3	ug/L	4/19/2022		3.14
MW-53	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/19/2022		<10.0
MW-53	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/19/2022		<1.00
MW-53	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/19/2022		<5.00
MW-53	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/19/2022		<1.00
MW-53	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/19/2022		<1.00
MW-53	d	Trichloroethene	79-01-6	ug/L	4/19/2022		<1.00
MW-53	d	Trichlorofluoromethane	75-69-4	ug/L	4/19/2022		<4.00
MW-53	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/19/2022		<1.00
MW-53	d	Vinyl Acetate	108-05-4	ug/L	4/19/2022		<10.0
MW-53	d	Vinyl Chloride	75-01-4	ug/L	4/19/2022	J	0.599
MW-53	d	Xylenes, total	1330-20-7	ug/L	4/19/2022		45.9
MW-53	d	Total Suspended Solids	TSS	mg/L	4/19/2022		21

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-52	d	Total Organic Carbon	TOC	mg/L	4/19/2022		2.3
MW-52	d	Antimony	7440-36-0	mg/L	4/19/2022		<0.00200
MW-52	d	Arsenic	7440-38-2	mg/L	4/19/2022		0.0791
MW-52	d	Barium	7440-39-3	mg/L	4/19/2022		1.89
MW-52	d	Beryllium	7440-41-7	mg/L	4/19/2022		<0.00100
MW-52	d	Cadmium	7440-43-9	mg/L	4/19/2022		<0.000100
MW-52	d	Chromium	7440-47-3	mg/L	4/19/2022		<0.00500
MW-52	d	Cobalt	7440-48-4	mg/L	4/19/2022		0.0115
MW-52	d	Copper	7440-50-8	mg/L	4/19/2022		<0.00500
MW-52	d	Lead	7439-92-1	mg/L	4/19/2022		<0.000500
MW-52	d	Nickel	7440-02-0	mg/L	4/19/2022		0.00515
MW-52	d	Selenium	7782-49-2	mg/L	4/19/2022		<0.00500
MW-52	d	Silver	7440-22-4	mg/L	4/19/2022		<0.00100
MW-52	d	Thallium	7440-28-0	mg/L	4/19/2022		<0.00100
MW-52	d	Vanadium	7440-62-2	mg/L	4/19/2022		<0.00500
MW-52	d	Zinc	7440-66-6	mg/L	4/19/2022		<0.0200
MW-52	d	Tin	7440-31-5	mg/L	4/19/2022		<0.00500
MW-52	d	Acetone	67-64-1	ug/L	4/19/2022		<10.0
MW-52	d	Acrylonitrile	107-13-1	ug/L	4/19/2022		<10.0
MW-52	d	Benzene	71-43-2	ug/L	4/19/2022		<0.500
MW-52	d	Bromochloromethane	74-97-5	ug/L	4/19/2022		<5.00
MW-52	d	Bromodichloromethane	75-27-4	ug/L	4/19/2022		<1.00
MW-52	d	Bromoform	75-25-2	ug/L	4/19/2022		<5.00
MW-52	d	Bromomethane	74-83-9	ug/L	4/19/2022		<4.00
MW-52	d	2-Butanone	78-93-3	ug/L	4/19/2022		<10.0
MW-52	d	Carbon Disulfide	75-15-0	ug/L	4/19/2022		<1.00
MW-52	d	Carbon Tetrachloride	56-23-5	ug/L	4/19/2022		<2.00
MW-52	d	Chlorobenzene	108-90-7	ug/L	4/19/2022		<1.00
MW-52	d	Chlorodibromomethane	124-48-1	ug/L	4/19/2022		<5.00
MW-52	d	Chloroethane	75-00-3	ug/L	4/19/2022		<4.00
MW-52	d	Chloroform	67-66-3	ug/L	4/19/2022		<3.00
MW-52	d	Chloromethane	74-87-3	ug/L	4/19/2022		<3.00
MW-52	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/19/2022		<1.00
MW-52	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/19/2022		<5.00
MW-52	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/19/2022		<1.20
MW-52	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/19/2022		<0.340
MW-52	d	Methylene Bromide	74-95-3	ug/L	4/19/2022		<1.00
MW-52	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/19/2022		<1.00
MW-52	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/19/2022		<1.00
MW-52	d	1,1-Dichloroethane	75-34-3	ug/L	4/19/2022		<1.00
MW-52	d	1,2-Dichloroethane	107-06-2	ug/L	4/19/2022		<1.00
MW-52	d	1,1-Dichloroethene	75-35-4	ug/L	4/19/2022		<2.00
MW-52	d	1,2-Dichloropropane	78-87-5	ug/L	4/19/2022		<1.00
MW-52	d	Ethylbenzene	100-41-4	ug/L	4/19/2022		<1.00
MW-52	d	2-Hexanone	591-78-6	ug/L	4/19/2022		<10.0
MW-52	d	Iodomethane	74-88-4	ug/L	4/19/2022		<10.0
MW-52	d	Methylene Chloride	75-09-2	ug/L	4/19/2022		<5.00
MW-52	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/19/2022		<10.0
MW-52	d	Styrene	100-42-5	ug/L	4/19/2022		<1.00
MW-52	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/19/2022		<1.00
MW-52	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/19/2022		<1.00
MW-52	d	Tetrachloroethene	127-18-4	ug/L	4/19/2022		<1.00
MW-52	d	Toluene	108-88-3	ug/L	4/19/2022		<1.00
MW-52	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/19/2022		<10.0
MW-52	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/19/2022		<1.00
MW-52	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/19/2022		<5.00
MW-52	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/19/2022		<1.00
MW-52	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/19/2022		<1.00
MW-52	d	Trichloroethene	79-01-6	ug/L	4/19/2022		<1.00
MW-52	d	Trichlorofluoromethane	75-69-4	ug/L	4/19/2022		<4.00
MW-52	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/19/2022		<1.00
MW-52	d	Vinyl Acetate	108-05-4	ug/L	4/19/2022		<10.0
MW-52	d	Vinyl Chloride	75-01-4	ug/L	4/19/2022		<1.00
MW-52	d	Xylenes, total	1330-20-7	ug/L	4/19/2022		<3.00
MW-52	d	Total Suspended Solids	TSS	mg/L	4/19/2022		94
MW-51	d	Antimony	7440-36-0	mg/L	4/19/2022		<0.00200
MW-51	d	Arsenic	7440-38-2	mg/L	4/19/2022		<0.00200
MW-51	d	Barium	7440-39-3	mg/L	4/19/2022		0.335
MW-51	d	Beryllium	7440-41-7	mg/L	4/19/2022		<0.00100
MW-51	d	Cadmium	7440-43-9	mg/L	4/19/2022	J	0.000079
MW-51	d	Chromium	7440-47-3	mg/L	4/19/2022		<0.00500
MW-51	d	Cobalt	7440-48-4	mg/L	4/19/2022	J	0.000292
MW-51	d	Copper	7440-50-8	mg/L	4/19/2022		<0.00500
MW-51	d	Lead	7439-92-1	mg/L	4/19/2022		<0.000500
MW-51	d	Nickel	7440-02-0	mg/L	4/19/2022	J	0.00305
MW-51	d	Selenium	7782-49-2	mg/L	4/19/2022		<0.00500
MW-51	d	Silver	7440-22-4	mg/L	4/19/2022		<0.00100
MW-51	d	Thallium	7440-28-0	mg/L	4/19/2022		<0.00100
MW-51	d	Vanadium	7440-62-2	mg/L	4/19/2022		<0.00500
MW-51	d	Zinc	7440-66-6	mg/L	4/19/2022		<0.0200
MW-51	d	Tin	7440-31-5	mg/L	4/19/2022		<0.00500
MW-51	d	Acetone	67-64-1	ug/L	4/19/2022		<10.0
MW-51	d	Acrylonitrile	107-13-1	ug/L	4/19/2022		<10.0
MW-51	d	Benzene	71-43-2	ug/L	4/19/2022		<0.500
MW-51	d	Bromochloromethane	74-97-5	ug/L	4/19/2022		<5.00
MW-51	d	Bromodichloromethane	75-27-4	ug/L	4/19/2022		<1.00
MW-51	d	Bromoform	75-25-2	ug/L	4/19/2022		<5.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-51	d	Bromomethane	74-83-9	ug/L	4/19/2022		<4.00
MW-51	d	2-Butanone	78-93-3	ug/L	4/19/2022		<10.0
MW-51	d	Carbon Disulfide	75-15-0	ug/L	4/19/2022		<1.00
MW-51	d	Carbon Tetrachloride	56-23-5	ug/L	4/19/2022		<2.00
MW-51	d	Chlorobenzene	108-90-7	ug/L	4/19/2022		2.91
MW-51	d	Chlorodibromomethane	124-48-1	ug/L	4/19/2022		<5.00
MW-51	d	Chloroethane	75-00-3	ug/L	4/19/2022		<4.00
MW-51	d	Chloroform	67-66-3	ug/L	4/19/2022		<3.00
MW-51	d	Chloromethane	74-87-3	ug/L	4/19/2022		<3.00
MW-51	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/19/2022		8.05
MW-51	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/19/2022		<5.00
MW-51	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/19/2022		<1.20
MW-51	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/19/2022		<0.340
MW-51	d	Methylene Bromide	74-95-3	ug/L	4/19/2022		<1.00
MW-51	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/19/2022		<1.00
MW-51	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/19/2022		<1.00
MW-51	d	1,1-Dichloroethane	75-34-3	ug/L	4/19/2022	J	0.416
MW-51	d	1,2-Dichloroethane	107-06-2	ug/L	4/19/2022		<1.00
MW-51	d	1,1-Dichloroethene	75-35-4	ug/L	4/19/2022		<2.00
MW-51	d	1,2-Dichloropropane	78-87-5	ug/L	4/19/2022	J	0.428
MW-51	d	Ethylbenzene	100-41-4	ug/L	4/19/2022		<1.00
MW-51	d	2-Hexanone	591-78-6	ug/L	4/19/2022		<10.0
MW-51	d	Iodomethane	74-88-4	ug/L	4/19/2022		<10.0
MW-51	d	Methylene Chloride	75-09-2	ug/L	4/19/2022		<5.00
MW-51	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/19/2022		<10.0
MW-51	d	Styrene	100-42-5	ug/L	4/19/2022		<1.00
MW-51	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/19/2022		<1.00
MW-51	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/19/2022		<1.00
MW-51	d	Tetrachloroethene	127-18-4	ug/L	4/19/2022		<1.00
MW-51	d	Toluene	108-88-3	ug/L	4/19/2022		<1.00
MW-51	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/19/2022		<10.0
MW-51	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/19/2022		<1.00
MW-51	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/19/2022		<5.00
MW-51	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/19/2022		<1.00
MW-51	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/19/2022		<1.00
MW-51	d	Trichloroethene	79-01-6	ug/L	4/19/2022		<1.00
MW-51	d	Trichlorofluoromethane	75-69-4	ug/L	4/19/2022		<4.00
MW-51	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/19/2022		<1.00
MW-51	d	Vinyl Acetate	108-05-4	ug/L	4/19/2022		<10.0
MW-51	d	Vinyl Chloride	75-01-4	ug/L	4/19/2022		<1.00
MW-51	d	Xylenes, total	1330-20-7	ug/L	4/19/2022		<3.00
MW-51	d	Total Suspended Solids	TSS	mg/L	4/19/2022		5
MW-57R	d	Total Organic Carbon	TOC	mg/L	4/19/2022		5.56
MW-57R	d	Antimony	7440-36-0	mg/L	4/19/2022		<0.00200
MW-57R	d	Arsenic	7440-38-2	mg/L	4/19/2022		0.00508
MW-57R	d	Barium	7440-39-3	mg/L	4/19/2022		0.522
MW-57R	d	Beryllium	7440-41-7	mg/L	4/19/2022		<0.00100
MW-57R	d	Cadmium	7440-43-9	mg/L	4/19/2022		0.00137
MW-57R	d	Chromium	7440-47-3	mg/L	4/19/2022		<0.00500
MW-57R	d	Cobalt	7440-48-4	mg/L	4/19/2022		0.0202
MW-57R	d	Copper	7440-50-8	mg/L	4/19/2022	J	0.00335
MW-57R	d	Lead	7439-92-1	mg/L	4/19/2022		0.000591
MW-57R	d	Nickel	7440-02-0	mg/L	4/19/2022		0.0321
MW-57R	d	Selenium	7782-49-2	mg/L	4/19/2022		<0.00500
MW-57R	d	Silver	7440-22-4	mg/L	4/19/2022		<0.00100
MW-57R	d	Thallium	7440-28-0	mg/L	4/19/2022		<0.00100
MW-57R	d	Vanadium	7440-62-2	mg/L	4/19/2022	J	0.0024
MW-57R	d	Zinc	7440-66-6	mg/L	4/19/2022		<0.0200
MW-57R	d	Tin	7440-31-5	mg/L	4/19/2022		<0.00500
MW-57R	d	Acetone	67-64-1	ug/L	4/19/2022		<10.0
MW-57R	d	Acrylonitrile	107-13-1	ug/L	4/19/2022		<10.0
MW-57R	d	Benzene	71-43-2	ug/L	4/19/2022		3.39
MW-57R	d	Bromochloromethane	74-97-5	ug/L	4/19/2022		<5.00
MW-57R	d	Bromodichloromethane	75-27-4	ug/L	4/19/2022		<1.00
MW-57R	d	Bromoform	75-25-2	ug/L	4/19/2022		<5.00
MW-57R	d	Bromomethane	74-83-9	ug/L	4/19/2022		<4.00
MW-57R	d	2-Butanone	78-93-3	ug/L	4/19/2022		<10.0
MW-57R	d	Carbon Disulfide	75-15-0	ug/L	4/19/2022		<1.00
MW-57R	d	Carbon Tetrachloride	56-23-5	ug/L	4/19/2022		<2.00
MW-57R	d	Chlorobenzene	108-90-7	ug/L	4/19/2022		<1.00
MW-57R	d	Chlorodibromomethane	124-48-1	ug/L	4/19/2022		<5.00
MW-57R	d	Chloroethane	75-00-3	ug/L	4/19/2022		<4.00
MW-57R	d	Chloroform	67-66-3	ug/L	4/19/2022		<3.00
MW-57R	d	Chloromethane	74-87-3	ug/L	4/19/2022		<3.00
MW-57R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/19/2022		<1.00
MW-57R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/19/2022		<5.00
MW-57R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/19/2022		<1.20
MW-57R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/19/2022		<0.340
MW-57R	d	Methylene Bromide	74-95-3	ug/L	4/19/2022		<1.00
MW-57R	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/19/2022		<1.00
MW-57R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/19/2022		<1.00
MW-57R	d	1,1-Dichloroethane	75-34-3	ug/L	4/19/2022	J	0.239
MW-57R	d	1,2-Dichloroethane	107-06-2	ug/L	4/19/2022		<1.00
MW-57R	d	1,1-Dichloroethene	75-35-4	ug/L	4/19/2022		<2.00
MW-57R	d	1,2-Dichloropropane	78-87-5	ug/L	4/19/2022		<1.00
MW-57R	d	Ethylbenzene	100-41-4	ug/L	4/19/2022		<1.00
MW-57R	d	2-Hexanone	591-78-6	ug/L	4/19/2022		<10.0

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57R	d	Iodomethane	74-88-4	ug/L	4/19/2022		<10.0
MW-57R	d	Methylene Chloride	75-09-2	ug/L	4/19/2022		<5.00
MW-57R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/19/2022		<10.0
MW-57R	d	Styrene	100-42-5	ug/L	4/19/2022		<1.00
MW-57R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/19/2022		<1.00
MW-57R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/19/2022		<1.00
MW-57R	d	Tetrachloroethene	127-18-4	ug/L	4/19/2022		<1.00
MW-57R	d	Toluene	108-88-3	ug/L	4/19/2022		<1.00
MW-57R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/19/2022		<10.0
MW-57R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/19/2022	J	0.29
MW-57R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/19/2022		<5.00
MW-57R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/19/2022		<1.00
MW-57R	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/19/2022		<1.00
MW-57R	d	Trichloroethene	79-01-6	ug/L	4/19/2022		<1.00
MW-57R	d	Trichlorofluoromethane	75-69-4	ug/L	4/19/2022		<4.00
MW-57R	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/19/2022		<1.00
MW-57R	d	Vinyl Acetate	108-05-4	ug/L	4/19/2022		<10.0
MW-57R	d	Vinyl Chloride	75-01-4	ug/L	4/19/2022	J	0.449
MW-57R	d	Xylenes, total	1330-20-7	ug/L	4/19/2022		<3.00
MW-57R	d	Total Suspended Solids	TSS	mg/L	4/19/2022		73.5
MW-60	d	Arsenic	7440-38-2	mg/L	4/19/2022		<0.00200
MW-60	d	Cobalt	7440-48-4	mg/L	4/19/2022		<0.000500
MW-60	d	Total Suspended Solids	TSS	mg/L	4/19/2022		3.75
MW-24R	u	Total Organic Carbon	TOC	mg/L	4/19/2022	J	0.455
MW-24R	u	Antimony	7440-36-0	mg/L	4/19/2022		<0.00200
MW-24R	u	Arsenic	7440-38-2	mg/L	4/19/2022		<0.00200
MW-24R	u	Barium	7440-39-3	mg/L	4/19/2022		0.337
MW-24R	u	Beryllium	7440-41-7	mg/L	4/19/2022		<0.00100
MW-24R	u	Cadmium	7440-43-9	mg/L	4/19/2022		<0.000100
MW-24R	u	Chromium	7440-47-3	mg/L	4/19/2022		<0.00500
MW-24R	u	Cobalt	7440-48-4	mg/L	4/19/2022		<0.000500
MW-24R	u	Copper	7440-50-8	mg/L	4/19/2022		<0.00500
MW-24R	u	Lead	7439-92-1	mg/L	4/19/2022		<0.000500
MW-24R	u	Nickel	7440-02-0	mg/L	4/19/2022		<0.00500
MW-24R	u	Selenium	7782-49-2	mg/L	4/19/2022	J	0.00208
MW-24R	u	Silver	7440-22-4	mg/L	4/19/2022		<0.00100
MW-24R	u	Thallium	7440-28-0	mg/L	4/19/2022		<0.00100
MW-24R	u	Vanadium	7440-62-2	mg/L	4/19/2022		<0.00500
MW-24R	u	Zinc	7440-66-6	mg/L	4/19/2022		<0.0200
MW-24R	u	Acetone	67-64-1	ug/L	4/19/2022		<10.0
MW-24R	u	Acrylonitrile	107-13-1	ug/L	4/19/2022		<10.0
MW-24R	u	Benzene	71-43-2	ug/L	4/19/2022		<0.500
MW-24R	u	Bromochloromethane	74-97-5	ug/L	4/19/2022		<5.00
MW-24R	u	Bromodichloromethane	75-27-4	ug/L	4/19/2022		<1.00
MW-24R	u	Bromoform	75-25-2	ug/L	4/19/2022		<5.00
MW-24R	u	Bromomethane	74-83-9	ug/L	4/19/2022		<4.00
MW-24R	u	2-Butanone	78-93-3	ug/L	4/19/2022		<10.0
MW-24R	u	Carbon Disulfide	75-15-0	ug/L	4/19/2022		<1.00
MW-24R	u	Carbon Tetrachloride	56-23-5	ug/L	4/19/2022		<2.00
MW-24R	u	Chlorobenzene	108-90-7	ug/L	4/19/2022		<1.00
MW-24R	u	Chlorodibromomethane	124-48-1	ug/L	4/19/2022		<5.00
MW-24R	u	Chloroethane	75-00-3	ug/L	4/19/2022		<4.00
MW-24R	u	Chloroform	67-66-3	ug/L	4/19/2022		<3.00
MW-24R	u	Chloromethane	74-87-3	ug/L	4/19/2022		<3.00
MW-24R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/19/2022		<1.00
MW-24R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/19/2022		<5.00
MW-24R	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/19/2022		<1.20
MW-24R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/19/2022		<0.340
MW-24R	u	Methylene Bromide	74-95-3	ug/L	4/19/2022		<1.00
MW-24R	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/19/2022		<1.00
MW-24R	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/19/2022		<1.00
MW-24R	u	1,1-Dichloroethane	75-34-3	ug/L	4/19/2022		<1.00
MW-24R	u	1,2-Dichloroethane	107-06-2	ug/L	4/19/2022		<1.00
MW-24R	u	1,1-Dichloroethene	75-35-4	ug/L	4/19/2022		<2.00
MW-24R	u	1,2-Dichloropropane	78-87-5	ug/L	4/19/2022		<1.00
MW-24R	u	Ethylbenzene	100-41-4	ug/L	4/19/2022		<1.00
MW-24R	u	2-Hexanone	591-78-6	ug/L	4/19/2022		<10.0
MW-24R	u	Iodomethane	74-88-4	ug/L	4/19/2022		<10.0
MW-24R	u	Methylene Chloride	75-09-2	ug/L	4/19/2022		<5.00
MW-24R	u	4-Methyl-2-Pentanone	108-10-1	ug/L	4/19/2022		<10.0
MW-24R	u	Styrene	100-42-5	ug/L	4/19/2022		<1.00
MW-24R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/19/2022		<1.00
MW-24R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/19/2022		<1.00
MW-24R	u	Tetrachloroethene	127-18-4	ug/L	4/19/2022		<1.00
MW-24R	u	Toluene	108-88-3	ug/L	4/19/2022		<1.00
MW-24R	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/19/2022		<10.0
MW-24R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/19/2022		<1.00
MW-24R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/19/2022		<5.00
MW-24R	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/19/2022		<1.00
MW-24R	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/19/2022		<1.00
MW-24R	u	Trichloroethene	79-01-6	ug/L	4/19/2022		<1.00
MW-24R	u	Trichlorofluoromethane	75-69-4	ug/L	4/19/2022		<4.00
MW-24R	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/19/2022		<1.00
MW-24R	u	Vinyl Acetate	108-05-4	ug/L	4/19/2022		<10.0
MW-24R	u	Vinyl Chloride	75-01-4	ug/L	4/19/2022		<1.00
MW-24R	u	Xylenes, total	1330-20-7	ug/L	4/19/2022		<3.00
MW-24R	u	Total Suspended Solids	TSS	mg/L	4/19/2022		2.63

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-73	d	Total Organic Carbon	TOC	mg/L	4/19/2022		4.89
MW-73	d	Antimony	7440-36-0	mg/L	4/19/2022		<0.00200
MW-73	d	Arsenic	7440-38-2	mg/L	4/19/2022		0.00544
MW-73	d	Barium	7440-39-3	mg/L	4/19/2022		0.248
MW-73	d	Beryllium	7440-41-7	mg/L	4/19/2022		<0.00100
MW-73	d	Cadmium	7440-43-9	mg/L	4/19/2022		0.000269
MW-73	d	Chromium	7440-47-3	mg/L	4/19/2022		<0.00500
MW-73	d	Cobalt	7440-48-4	mg/L	4/19/2022		0.00255
MW-73	d	Copper	7440-50-8	mg/L	4/19/2022		0.0098
MW-73	d	Lead	7439-92-1	mg/L	4/19/2022		0.00157
MW-73	d	Nickel	7440-02-0	mg/L	4/19/2022		0.0181
MW-73	d	Selenium	7782-49-2	mg/L	4/19/2022		<0.00500
MW-73	d	Silver	7440-22-4	mg/L	4/19/2022		<0.00100
MW-73	d	Thallium	7440-28-0	mg/L	4/19/2022		<0.00100
MW-73	d	Vanadium	7440-62-2	mg/L	4/19/2022	J	0.00188
MW-73	d	Zinc	7440-66-6	mg/L	4/19/2022		0.0243
MW-73	d	Acetone	67-64-1	ug/L	4/19/2022		<10.0
MW-73	d	Acrylonitrile	107-13-1	ug/L	4/19/2022		<10.0
MW-73	d	Benzene	71-43-2	ug/L	4/19/2022		<0.500
MW-73	d	Bromochloromethane	74-97-5	ug/L	4/19/2022		<5.00
MW-73	d	Bromodichloromethane	75-27-4	ug/L	4/19/2022		<1.00
MW-73	d	Bromoform	75-25-2	ug/L	4/19/2022		<5.00
MW-73	d	Bromomethane	74-83-9	ug/L	4/19/2022		<4.00
MW-73	d	2-Butanone	78-93-3	ug/L	4/19/2022		<10.0
MW-73	d	Carbon Disulfide	75-15-0	ug/L	4/19/2022		<1.00
MW-73	d	Carbon Tetrachloride	56-23-5	ug/L	4/19/2022		<2.00
MW-73	d	Chlorobenzene	108-90-7	ug/L	4/19/2022		<1.00
MW-73	d	Chlorodibromomethane	124-48-1	ug/L	4/19/2022		<5.00
MW-73	d	Chloroethane	75-00-3	ug/L	4/19/2022		<4.00
MW-73	d	Chloroform	67-66-3	ug/L	4/19/2022		<3.00
MW-73	d	Chloromethane	74-87-3	ug/L	4/19/2022		<3.00
MW-73	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/19/2022		<1.00
MW-73	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/19/2022		<5.00
MW-73	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/19/2022		<1.20
MW-73	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/19/2022		<0.340
MW-73	d	Methylene Bromide	74-95-3	ug/L	4/19/2022		<1.00
MW-73	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/19/2022		<1.00
MW-73	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/19/2022		<1.00
MW-73	d	1,1-Dichloroethane	75-34-3	ug/L	4/19/2022		<1.00
MW-73	d	1,2-Dichloroethane	107-06-2	ug/L	4/19/2022		<1.00
MW-73	d	1,1-Dichloroethene	75-35-4	ug/L	4/19/2022		<2.00
MW-73	d	1,2-Dichloropropane	78-87-5	ug/L	4/19/2022		<1.00
MW-73	d	Ethylbenzene	100-41-4	ug/L	4/19/2022		<1.00
MW-73	d	2-Hexanone	591-78-6	ug/L	4/19/2022		<10.0
MW-73	d	Iodomethane	74-88-4	ug/L	4/19/2022		<10.0
MW-73	d	Methylene Chloride	75-09-2	ug/L	4/19/2022		<5.00
MW-73	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/19/2022		<10.0
MW-73	d	Styrene	100-42-5	ug/L	4/19/2022		<1.00
MW-73	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/19/2022		<1.00
MW-73	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/19/2022		<1.00
MW-73	d	Tetrachloroethene	127-18-4	ug/L	4/19/2022		<1.00
MW-73	d	Toluene	108-88-3	ug/L	4/19/2022		<1.00
MW-73	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/19/2022		<10.0
MW-73	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/19/2022		<1.00
MW-73	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/19/2022		<5.00
MW-73	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/19/2022		<1.00
MW-73	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/19/2022		<1.00
MW-73	d	Trichloroethene	79-01-6	ug/L	4/19/2022		<1.00
MW-73	d	Trichlorofluoromethane	75-69-4	ug/L	4/19/2022		<4.00
MW-73	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/19/2022		<1.00
MW-73	d	Vinyl Acetate	108-05-4	ug/L	4/19/2022		<10.0
MW-73	d	Vinyl Chloride	75-01-4	ug/L	4/19/2022	J	0.185
MW-73	d	Xylenes, total	1330-20-7	ug/L	4/19/2022		<3.00
MW-73	d	Total Suspended Solids	TSS	mg/L	4/19/2022		59
MW-23	u	Antimony	7440-36-0	mg/L	4/19/2022		<0.00200
MW-23	u	Arsenic	7440-38-2	mg/L	4/19/2022		<0.00200
MW-23	u	Barium	7440-39-3	mg/L	4/19/2022		0.134
MW-23	u	Beryllium	7440-41-7	mg/L	4/19/2022		<0.00100
MW-23	u	Cadmium	7440-43-9	mg/L	4/19/2022		<0.000100
MW-23	u	Chromium	7440-47-3	mg/L	4/19/2022		<0.00500
MW-23	u	Cobalt	7440-48-4	mg/L	4/19/2022	J	0.000478
MW-23	u	Copper	7440-50-8	mg/L	4/19/2022		<0.00500
MW-23	u	Lead	7439-92-1	mg/L	4/19/2022		<0.000500
MW-23	u	Nickel	7440-02-0	mg/L	4/19/2022	J	0.00228
MW-23	u	Selenium	7782-49-2	mg/L	4/19/2022		<0.00500
MW-23	u	Silver	7440-22-4	mg/L	4/19/2022		<0.00100
MW-23	u	Thallium	7440-28-0	mg/L	4/19/2022		<0.00100
MW-23	u	Vanadium	7440-62-2	mg/L	4/19/2022		<0.00500
MW-23	u	Zinc	7440-66-6	mg/L	4/19/2022		<0.0200
MW-23	u	Acetone	67-64-1	ug/L	4/19/2022		<10.0
MW-23	u	Acrylonitrile	107-13-1	ug/L	4/19/2022		<10.0
MW-23	u	Benzene	71-43-2	ug/L	4/19/2022		<0.500
MW-23	u	Bromochloromethane	74-97-5	ug/L	4/19/2022		<5.00
MW-23	u	Bromodichloromethane	75-27-4	ug/L	4/19/2022		<1.00
MW-23	u	Bromoform	75-25-2	ug/L	4/19/2022		<5.00
MW-23	u	Bromomethane	74-83-9	ug/L	4/19/2022		<4.00
MW-23	u	2-Butanone	78-93-3	ug/L	4/19/2022		<10.0

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-23	u	Carbon Disulfide	75-15-0	ug/L	4/19/2022		<1.00
MW-23	u	Carbon Tetrachloride	56-23-5	ug/L	4/19/2022		<2.00
MW-23	u	Chlorobenzene	108-90-7	ug/L	4/19/2022		<1.00
MW-23	u	Chlorodibromomethane	124-48-1	ug/L	4/19/2022		<5.00
MW-23	u	Chloroethane	75-00-3	ug/L	4/19/2022		<4.00
MW-23	u	Chloroform	67-66-3	ug/L	4/19/2022		<3.00
MW-23	u	Chloromethane	74-87-3	ug/L	4/19/2022		<3.00
MW-23	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/19/2022		<1.00
MW-23	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/19/2022		<5.00
MW-23	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/19/2022		<1.20
MW-23	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/19/2022		<0.340
MW-23	u	Methylene Bromide	74-95-3	ug/L	4/19/2022		<1.00
MW-23	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/19/2022		<1.00
MW-23	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/19/2022		<1.00
MW-23	u	1,1-Dichloroethane	75-34-3	ug/L	4/19/2022		<1.00
MW-23	u	1,2-Dichloroethane	107-06-2	ug/L	4/19/2022		<1.00
MW-23	u	1,1-Dichloroethene	75-35-4	ug/L	4/19/2022		<2.00
MW-23	u	1,2-Dichloropropane	78-87-5	ug/L	4/19/2022		<1.00
MW-23	u	Ethylbenzene	100-41-4	ug/L	4/19/2022		<1.00
MW-23	u	2-Hexanone	591-78-6	ug/L	4/19/2022		<10.0
MW-23	u	Iodomethane	74-88-4	ug/L	4/19/2022		<10.0
MW-23	u	Methylene Chloride	75-09-2	ug/L	4/19/2022		<5.00
MW-23	u	4-Methyl-2-Pentanone	108-10-1	ug/L	4/19/2022		<10.0
MW-23	u	Styrene	100-42-5	ug/L	4/19/2022		<1.00
MW-23	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/19/2022		<1.00
MW-23	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/19/2022		<1.00
MW-23	u	Tetrachloroethene	127-18-4	ug/L	4/19/2022		<1.00
MW-23	u	Toluene	108-88-3	ug/L	4/19/2022		<1.00
MW-23	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/19/2022		<10.0
MW-23	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/19/2022		<1.00
MW-23	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/19/2022		<5.00
MW-23	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/19/2022		<1.00
MW-23	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/19/2022		<1.00
MW-23	u	Trichloroethene	79-01-6	ug/L	4/19/2022		<1.00
MW-23	u	Trichlorofluoromethane	75-69-4	ug/L	4/19/2022		<4.00
MW-23	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/19/2022		<1.00
MW-23	u	Vinyl Acetate	108-05-4	ug/L	4/19/2022		<10.0
MW-23	u	Vinyl Chloride	75-01-4	ug/L	4/19/2022		<1.00
MW-23	u	Xylenes, total	1330-20-7	ug/L	4/19/2022		<3.00
MW-23	u	Total Suspended Solids	TSS	mg/L	4/19/2022		<1.88
MW-50	d	Antimony	7440-36-0	mg/L	4/19/2022		<0.00200
MW-50	d	Arsenic	7440-38-2	mg/L	4/19/2022		<0.00200
MW-50	d	Barium	7440-39-3	mg/L	4/19/2022		0.0444
MW-50	d	Beryllium	7440-41-7	mg/L	4/19/2022		<0.00100
MW-50	d	Cadmium	7440-43-9	mg/L	4/19/2022		<0.000100
MW-50	d	Chromium	7440-47-3	mg/L	4/19/2022	J	0.00121
MW-50	d	Cobalt	7440-48-4	mg/L	4/19/2022		<0.000500
MW-50	d	Copper	7440-50-8	mg/L	4/19/2022		<0.00500
MW-50	d	Lead	7439-92-1	mg/L	4/19/2022		<0.000500
MW-50	d	Nickel	7440-02-0	mg/L	4/19/2022		<0.00500
MW-50	d	Selenium	7782-49-2	mg/L	4/19/2022		<0.00500
MW-50	d	Silver	7440-22-4	mg/L	4/19/2022		<0.00100
MW-50	d	Thallium	7440-28-0	mg/L	4/19/2022		<0.00100
MW-50	d	Vanadium	7440-62-2	mg/L	4/19/2022		<0.00500
MW-50	d	Zinc	7440-66-6	mg/L	4/19/2022		<0.0200
MW-50	d	Tin	7440-31-5	mg/L	4/19/2022		<0.00500
MW-50	d	Acetone	67-64-1	ug/L	4/19/2022		<10.0
MW-50	d	Acrylonitrile	107-13-1	ug/L	4/19/2022		<10.0
MW-50	d	Benzene	71-43-2	ug/L	4/19/2022		<0.500
MW-50	d	Bromochloromethane	74-97-5	ug/L	4/19/2022		<5.00
MW-50	d	Bromodichloromethane	75-27-4	ug/L	4/19/2022		<1.00
MW-50	d	Bromoform	75-25-2	ug/L	4/19/2022		<5.00
MW-50	d	Bromomethane	74-83-9	ug/L	4/19/2022		<4.00
MW-50	d	2-Butanone	78-93-3	ug/L	4/19/2022		<10.0
MW-50	d	Carbon Disulfide	75-15-0	ug/L	4/19/2022		<1.00
MW-50	d	Carbon Tetrachloride	56-23-5	ug/L	4/19/2022		<2.00
MW-50	d	Chlorobenzene	108-90-7	ug/L	4/19/2022		<1.00
MW-50	d	Chlorodibromomethane	124-48-1	ug/L	4/19/2022		<5.00
MW-50	d	Chloroethane	75-00-3	ug/L	4/19/2022		<4.00
MW-50	d	Chloroform	67-66-3	ug/L	4/19/2022		<3.00
MW-50	d	Chloromethane	74-87-3	ug/L	4/19/2022		<3.00
MW-50	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/19/2022		<1.00
MW-50	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/19/2022		<5.00
MW-50	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/19/2022		<1.20
MW-50	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/19/2022		<0.340
MW-50	d	Methylene Bromide	74-95-3	ug/L	4/19/2022		<1.00
MW-50	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/19/2022		<1.00
MW-50	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/19/2022		<1.00
MW-50	d	1,1-Dichloroethane	75-34-3	ug/L	4/19/2022		<1.00
MW-50	d	1,2-Dichloroethane	107-06-2	ug/L	4/19/2022		<1.00
MW-50	d	1,1-Dichloroethene	75-35-4	ug/L	4/19/2022		<2.00
MW-50	d	1,2-Dichloropropane	78-87-5	ug/L	4/19/2022		<1.00
MW-50	d	Ethylbenzene	100-41-4	ug/L	4/19/2022		<1.00
MW-50	d	2-Hexanone	591-78-6	ug/L	4/19/2022		<10.0
MW-50	d	Iodomethane	74-88-4	ug/L	4/19/2022		<10.0
MW-50	d	Methylene Chloride	75-09-2	ug/L	4/19/2022		<5.00
MW-50	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/19/2022		<10.0

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	Styrene	100-42-5	ug/L	4/19/2022		<1.00
MW-50	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/19/2022		<1.00
MW-50	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/19/2022		<1.00
MW-50	d	Tetrachloroethene	127-18-4	ug/L	4/19/2022		<1.00
MW-50	d	Toluene	108-88-3	ug/L	4/19/2022		<1.00
MW-50	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/19/2022		<10.0
MW-50	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/19/2022		<1.00
MW-50	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/19/2022		<5.00
MW-50	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/19/2022		<1.00
MW-50	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/19/2022		<1.00
MW-50	d	Trichloroethene	79-01-6	ug/L	4/19/2022		<1.00
MW-50	d	Trichlorofluoromethane	75-69-4	ug/L	4/19/2022		<4.00
MW-50	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/19/2022		<1.00
MW-50	d	Vinyl Acetate	108-05-4	ug/L	4/19/2022		<10.0
MW-50	d	Vinyl Chloride	75-01-4	ug/L	4/19/2022		<1.00
MW-50	d	Xylenes, total	1330-20-7	ug/L	4/19/2022		<3.00
MW-50	d	Total Suspended Solids	TSS	mg/L	4/19/2022		9.12
MW-54	d	Total Organic Carbon	TOC	mg/L	4/19/2022		12.8
MW-54	d	Antimony	7440-36-0	mg/L	4/19/2022		<0.00200
MW-54	d	Arsenic	7440-38-2	mg/L	4/19/2022		0.027
MW-54	d	Barium	7440-39-3	mg/L	4/19/2022		0.0524
MW-54	d	Beryllium	7440-41-7	mg/L	4/19/2022		<0.00100
MW-54	d	Cadmium	7440-43-9	mg/L	4/19/2022		<0.000100
MW-54	d	Chromium	7440-47-3	mg/L	4/19/2022		<0.00500
MW-54	d	Cobalt	7440-48-4	mg/L	4/19/2022		0.00148
MW-54	d	Copper	7440-50-8	mg/L	4/19/2022		<0.00500
MW-54	d	Lead	7439-92-1	mg/L	4/19/2022		<0.000500
MW-54	d	Nickel	7440-02-0	mg/L	4/19/2022		0.00735
MW-54	d	Selenium	7782-49-2	mg/L	4/19/2022	J	0.000983
MW-54	d	Silver	7440-22-4	mg/L	4/19/2022		<0.00100
MW-54	d	Thallium	7440-28-0	mg/L	4/19/2022		<0.00100
MW-54	d	Vanadium	7440-62-2	mg/L	4/19/2022		<0.00500
MW-54	d	Zinc	7440-66-6	mg/L	4/19/2022		<0.0200
MW-54	d	Tin	7440-31-5	mg/L	4/19/2022		<0.00500
MW-54	d	Acetone	67-64-1	ug/L	4/19/2022		<10.0
MW-54	d	Acrylonitrile	107-13-1	ug/L	4/19/2022		<10.0
MW-54	d	Benzene	71-43-2	ug/L	4/19/2022		<0.500
MW-54	d	Bromochloromethane	74-97-5	ug/L	4/19/2022		<5.00
MW-54	d	Bromodichloromethane	75-27-4	ug/L	4/19/2022		<1.00
MW-54	d	Bromoform	75-25-2	ug/L	4/19/2022		<5.00
MW-54	d	Bromomethane	74-83-9	ug/L	4/19/2022		<4.00
MW-54	d	2-Butanone	78-93-3	ug/L	4/19/2022		<10.0
MW-54	d	Carbon Disulfide	75-15-0	ug/L	4/19/2022		<1.00
MW-54	d	Carbon Tetrachloride	56-23-5	ug/L	4/19/2022		<2.00
MW-54	d	Chlorobenzene	108-90-7	ug/L	4/19/2022		<1.00
MW-54	d	Chlorodibromomethane	124-48-1	ug/L	4/19/2022		<5.00
MW-54	d	Chloroethane	75-00-3	ug/L	4/19/2022		<4.00
MW-54	d	Chloroform	67-66-3	ug/L	4/19/2022		<3.00
MW-54	d	Chloromethane	74-87-3	ug/L	4/19/2022		<3.00
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/19/2022		<1.00
MW-54	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/19/2022		<5.00
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/19/2022		<1.20
MW-54	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/19/2022		<0.340
MW-54	d	Methylene Bromide	74-95-3	ug/L	4/19/2022		<1.00
MW-54	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/19/2022		<1.00
MW-54	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/19/2022		<1.00
MW-54	d	1,1-Dichloroethane	75-34-3	ug/L	4/19/2022		<1.00
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	4/19/2022		<1.00
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	4/19/2022		<2.00
MW-54	d	1,2-Dichloropropane	78-87-5	ug/L	4/19/2022		<1.00
MW-54	d	Ethylbenzene	100-41-4	ug/L	4/19/2022		<1.00
MW-54	d	2-Hexanone	591-78-6	ug/L	4/19/2022		<10.0
MW-54	d	Iodomethane	74-88-4	ug/L	4/19/2022		<10.0
MW-54	d	Methylene Chloride	75-09-2	ug/L	4/19/2022		<5.00
MW-54	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/19/2022		<10.0
MW-54	d	Styrene	100-42-5	ug/L	4/19/2022		<1.00
MW-54	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/19/2022		<1.00
MW-54	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/19/2022		<1.00
MW-54	d	Tetrachloroethene	127-18-4	ug/L	4/19/2022		<1.00
MW-54	d	Toluene	108-88-3	ug/L	4/19/2022		<1.00
MW-54	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/19/2022		<10.0
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/19/2022		<1.00
MW-54	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/19/2022		<5.00
MW-54	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/19/2022		<1.00
MW-54	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/19/2022		<1.00
MW-54	d	Trichloroethene	79-01-6	ug/L	4/19/2022		<1.00
MW-54	d	Trichlorofluoromethane	75-69-4	ug/L	4/19/2022		<4.00
MW-54	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/19/2022		<1.00
MW-54	d	Vinyl Acetate	108-05-4	ug/L	4/19/2022		<10.0
MW-54	d	Vinyl Chloride	75-01-4	ug/L	4/19/2022		<1.00
MW-54	d	Xylenes, total	1330-20-7	ug/L	4/19/2022		<3.00
MW-54	d	Total Suspended Solids	TSS	mg/L	4/19/2022		77
MW-14R	d	Antimony	7440-36-0	mg/L	4/18/2022		<0.00200
MW-14R	d	Arsenic	7440-38-2	mg/L	4/18/2022		0.0141
MW-14R	d	Barium	7440-39-3	mg/L	4/18/2022		0.2
MW-14R	d	Beryllium	7440-41-7	mg/L	4/18/2022		<0.00100
MW-14R	d	Cadmium	7440-43-9	mg/L	4/18/2022		<0.000100

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	Chromium	7440-47-3	mg/L	4/18/2022		<0.00500
MW-14R	d	Cobalt	7440-48-4	mg/L	4/18/2022		0.001
MW-14R	d	Copper	7440-50-8	mg/L	4/18/2022		<0.00500
MW-14R	d	Lead	7439-92-1	mg/L	4/18/2022		<0.000500
MW-14R	d	Nickel	7440-02-0	mg/L	4/18/2022		<0.00500
MW-14R	d	Selenium	7782-49-2	mg/L	4/18/2022		<0.00500
MW-14R	d	Silver	7440-22-4	mg/L	4/18/2022		<0.00100
MW-14R	d	Thallium	7440-28-0	mg/L	4/18/2022		<0.00100
MW-14R	d	Vanadium	7440-62-2	mg/L	4/18/2022		<0.00500
MW-14R	d	Zinc	7440-66-6	mg/L	4/18/2022		<0.0200
MW-14R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	4/18/2022		<0.0615
MW-14R	d	Endosulfan I	959-98-8	ug/L	4/18/2022		<0.0615
MW-14R	d	Endosulfan II	33213-65-9	ug/L	4/18/2022		<0.0615
MW-14R	d	Acetone	67-64-1	ug/L	4/18/2022		<10.0
MW-14R	d	Acrylonitrile	107-13-1	ug/L	4/18/2022		<10.0
MW-14R	d	Benzene	71-43-2	ug/L	4/18/2022		<0.500
MW-14R	d	Bromochloromethane	74-97-5	ug/L	4/18/2022		<5.00
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	4/18/2022		<1.00
MW-14R	d	Bromoform	75-25-2	ug/L	4/18/2022		<5.00
MW-14R	d	Bromomethane	74-83-9	ug/L	4/18/2022		<4.00
MW-14R	d	2-Butanone	78-93-3	ug/L	4/18/2022		<10.0
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	4/18/2022		<1.00
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	4/18/2022		<2.00
MW-14R	d	Chlorobenzene	108-90-7	ug/L	4/18/2022		<1.00
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	4/18/2022		<5.00
MW-14R	d	Chloroethane	75-00-3	ug/L	4/18/2022		<4.00
MW-14R	d	Chloroform	67-66-3	ug/L	4/18/2022		<3.00
MW-14R	d	Chloromethane	74-87-3	ug/L	4/18/2022		<3.00
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/18/2022		6.78
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/18/2022		<5.00
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/18/2022		<1.20
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/18/2022		<0.340
MW-14R	d	Methylene Bromide	74-95-3	ug/L	4/18/2022		<1.00
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/18/2022		<1.00
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/18/2022		<1.00
MW-14R	d	Dichlorodifluoromethane	75-71-8	ug/L	4/18/2022	J	1.68
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	4/18/2022		2.86
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	4/18/2022		<1.00
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	4/18/2022		<2.00
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	4/18/2022	J	0.412
MW-14R	d	Ethylbenzene	100-41-4	ug/L	4/18/2022		<1.00
MW-14R	d	2-Hexanone	591-78-6	ug/L	4/18/2022		<10.0
MW-14R	d	Iodomethane	74-88-4	ug/L	4/18/2022		<10.0
MW-14R	d	Methylene Chloride	75-09-2	ug/L	4/18/2022		<5.00
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/18/2022		<10.0
MW-14R	d	Styrene	100-42-5	ug/L	4/18/2022		<1.00
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/18/2022		<1.00
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/18/2022		<1.00
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	4/18/2022		<1.00
MW-14R	d	Toluene	108-88-3	ug/L	4/18/2022		<1.00
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/18/2022		<10.0
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/18/2022		<1.00
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/18/2022		<5.00
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/18/2022		<1.00
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/18/2022		<1.00
MW-14R	d	Trichloroethene	79-01-6	ug/L	4/18/2022		12.8
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	4/18/2022		<4.00
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/18/2022		<1.00
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	4/18/2022		<10.0
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	4/18/2022		1.93
MW-14R	d	Xylenes, total	1330-20-7	ug/L	4/18/2022		<3.00
MW-14R	d	Dimethoate	60-51-5	ug/L	4/18/2022		<10.0
MW-14R	d	Total Suspended Solids	TSS	mg/L	4/18/2022		6.5
MW-14R	d	Total Organic Carbon	TOC	mg/L	4/18/2022		1.02
MW-69	d	Acetone	67-64-1	ug/L	4/18/2022		<10.0
MW-69	d	Acrylonitrile	107-13-1	ug/L	4/18/2022		<10.0
MW-69	d	Benzene	71-43-2	ug/L	4/18/2022		0.738
MW-69	d	Bromochloromethane	74-97-5	ug/L	4/18/2022		<5.00
MW-69	d	Bromodichloromethane	75-27-4	ug/L	4/18/2022		<1.00
MW-69	d	Bromoform	75-25-2	ug/L	4/18/2022		<5.00
MW-69	d	Bromomethane	74-83-9	ug/L	4/18/2022		<4.00
MW-69	d	2-Butanone	78-93-3	ug/L	4/18/2022		<10.0
MW-69	d	Carbon Disulfide	75-15-0	ug/L	4/18/2022		<1.00
MW-69	d	Carbon Tetrachloride	56-23-5	ug/L	4/18/2022		<2.00
MW-69	d	Chlorobenzene	108-90-7	ug/L	4/18/2022		<1.00
MW-69	d	Chlorodibromomethane	124-48-1	ug/L	4/18/2022		<5.00
MW-69	d	Chloroethane	75-00-3	ug/L	4/18/2022		<4.00
MW-69	d	Chloroform	67-66-3	ug/L	4/18/2022		<3.00
MW-69	d	Chloromethane	74-87-3	ug/L	4/18/2022		<3.00
MW-69	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/18/2022		3.92
MW-69	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/18/2022		<5.00
MW-69	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/18/2022		<1.20
MW-69	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/18/2022		<0.340
MW-69	d	Methylene Bromide	74-95-3	ug/L	4/18/2022		<1.00
MW-69	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/18/2022		<1.00
MW-69	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/18/2022		<1.00
MW-69	d	1,1-Dichloroethane	75-34-3	ug/L	4/18/2022		1.11

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-69	d	1,2-Dichloroethane	107-06-2	ug/L	4/18/2022		<1.00
MW-69	d	1,1-Dichloroethene	75-35-4	ug/L	4/18/2022		<2.00
MW-69	d	1,2-Dichloropropane	78-87-5	ug/L	4/18/2022	J	0.388
MW-69	d	Ethylbenzene	100-41-4	ug/L	4/18/2022		<1.00
MW-69	d	2-Hexanone	591-78-6	ug/L	4/18/2022		<10.0
MW-69	d	Iodomethane	74-88-4	ug/L	4/18/2022		<10.0
MW-69	d	Methylene Chloride	75-09-2	ug/L	4/18/2022		<5.00
MW-69	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/18/2022		<10.0
MW-69	d	Styrene	100-42-5	ug/L	4/18/2022		<1.00
MW-69	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/18/2022		<1.00
MW-69	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/18/2022		<1.00
MW-69	d	Tetrachloroethene	127-18-4	ug/L	4/18/2022		<1.00
MW-69	d	Toluene	108-88-3	ug/L	4/18/2022		<1.00
MW-69	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/18/2022		<10.0
MW-69	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/18/2022		<1.00
MW-69	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/18/2022		<5.00
MW-69	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/18/2022		<1.00
MW-69	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/18/2022		<1.00
MW-69	d	Trichloroethene	79-01-6	ug/L	4/18/2022		<1.00
MW-69	d	Trichlorofluoromethane	75-69-4	ug/L	4/18/2022		<4.00
MW-69	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/18/2022		<1.00
MW-69	d	Vinyl Acetate	108-05-4	ug/L	4/18/2022		<10.0
MW-69	d	Vinyl Chloride	75-01-4	ug/L	4/18/2022		<1.00
MW-69	d	Xylenes, total	1330-20-7	ug/L	4/18/2022		<3.00
MW-69	d	Total Suspended Solids	TSS	mg/L	4/18/2022		14.8
MW-68	d	Acetone	67-64-1	ug/L	4/18/2022		<10.0
MW-68	d	Acrylonitrile	107-13-1	ug/L	4/18/2022		<10.0
MW-68	d	Benzene	71-43-2	ug/L	4/18/2022		0.827
MW-68	d	Bromochloromethane	74-97-5	ug/L	4/18/2022		<5.00
MW-68	d	Bromodichloromethane	75-27-4	ug/L	4/18/2022		<1.00
MW-68	d	Bromoform	75-25-2	ug/L	4/18/2022		<5.00
MW-68	d	Bromomethane	74-83-9	ug/L	4/18/2022		<4.00
MW-68	d	2-Butanone	78-93-3	ug/L	4/18/2022		<10.0
MW-68	d	Carbon Disulfide	75-15-0	ug/L	4/18/2022		<1.00
MW-68	d	Carbon Tetrachloride	56-23-5	ug/L	4/18/2022		<2.00
MW-68	d	Chlorobenzene	108-90-7	ug/L	4/18/2022		<1.00
MW-68	d	Chlorodibromomethane	124-48-1	ug/L	4/18/2022		<5.00
MW-68	d	Chloroethane	75-00-3	ug/L	4/18/2022		<4.00
MW-68	d	Chloroform	67-66-3	ug/L	4/18/2022		<3.00
MW-68	d	Chloromethane	74-87-3	ug/L	4/18/2022		<3.00
MW-68	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/18/2022		6.77
MW-68	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/18/2022		<5.00
MW-68	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/18/2022		<1.20
MW-68	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/18/2022		<0.340
MW-68	d	Methylene Bromide	74-95-3	ug/L	4/18/2022		<1.00
MW-68	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/18/2022		<1.00
MW-68	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/18/2022		<1.00
MW-68	d	1,1-Dichloroethane	75-34-3	ug/L	4/18/2022		1.39
MW-68	d	1,2-Dichloroethane	107-06-2	ug/L	4/18/2022		<1.00
MW-68	d	1,1-Dichloroethene	75-35-4	ug/L	4/18/2022		<2.00
MW-68	d	1,2-Dichloropropane	78-87-5	ug/L	4/18/2022	J	0.316
MW-68	d	Ethylbenzene	100-41-4	ug/L	4/18/2022		<1.00
MW-68	d	2-Hexanone	591-78-6	ug/L	4/18/2022		<10.0
MW-68	d	Iodomethane	74-88-4	ug/L	4/18/2022		<10.0
MW-68	d	Methylene Chloride	75-09-2	ug/L	4/18/2022		<5.00
MW-68	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/18/2022		<10.0
MW-68	d	Styrene	100-42-5	ug/L	4/18/2022		<1.00
MW-68	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/18/2022		<1.00
MW-68	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/18/2022		<1.00
MW-68	d	Tetrachloroethene	127-18-4	ug/L	4/18/2022		<1.00
MW-68	d	Toluene	108-88-3	ug/L	4/18/2022		<1.00
MW-68	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/18/2022		<10.0
MW-68	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/18/2022	J	0.533
MW-68	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/18/2022		<5.00
MW-68	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/18/2022		<1.00
MW-68	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/18/2022		<1.00
MW-68	d	Trichloroethene	79-01-6	ug/L	4/18/2022		<1.00
MW-68	d	Trichlorofluoromethane	75-69-4	ug/L	4/18/2022		<4.00
MW-68	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/18/2022		<1.00
MW-68	d	Vinyl Acetate	108-05-4	ug/L	4/18/2022		<10.0
MW-68	d	Vinyl Chloride	75-01-4	ug/L	4/18/2022	J	0.453
MW-68	d	Xylenes, total	1330-20-7	ug/L	4/18/2022		<3.00
MW-68	d	Total Suspended Solids	TSS	mg/L	4/18/2022		12.3
MW-29	d	Antimony	7440-36-0	mg/L	4/18/2022		<0.00200
MW-29	d	Arsenic	7440-38-2	mg/L	4/18/2022		0.00944
MW-29	d	Barium	7440-39-3	mg/L	4/18/2022		0.976
MW-29	d	Beryllium	7440-41-7	mg/L	4/18/2022		<0.00100
MW-29	d	Cadmium	7440-43-9	mg/L	4/18/2022		<0.000100
MW-29	d	Chromium	7440-47-3	mg/L	4/18/2022		<0.00500
MW-29	d	Cobalt	7440-48-4	mg/L	4/18/2022		0.0621
MW-29	d	Copper	7440-50-8	mg/L	4/18/2022		<0.00500
MW-29	d	Lead	7439-92-1	mg/L	4/18/2022		<0.000500
MW-29	d	Nickel	7440-02-0	mg/L	4/18/2022		0.0729
MW-29	d	Selenium	7782-49-2	mg/L	4/18/2022		<0.00500
MW-29	d	Silver	7440-22-4	mg/L	4/18/2022		<0.00100
MW-29	d	Thallium	7440-28-0	mg/L	4/18/2022		<0.00100
MW-29	d	Vanadium	7440-62-2	mg/L	4/18/2022		<0.00500

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Zinc	7440-66-6	mg/L	4/18/2022		<0.0200
MW-29	d	Alpha-BHC	319-84-6	ug/L	4/18/2022		<0.0615
MW-29	d	Beta-BHC	319-85-7	ug/L	4/18/2022		<0.0615
MW-29	d	Delta-BHC	319-86-8	ug/L	4/18/2022		<0.0615
MW-29	d	4,4`-DDD	72-54-8	ug/L	4/18/2022		<0.0615
MW-29	d	4,4`-DDE	72-55-9	ug/L	4/18/2022		<0.0615
MW-29	d	Endosulfan I	959-98-8	ug/L	4/18/2022		<0.0615
MW-29	d	Endosulfan II	33213-65-9	ug/L	4/18/2022		<0.0615
MW-29	d	Heptachlor	76-44-8	ug/L	4/18/2022		<0.0615
MW-29	d	Heptachlor Epoxide	1024-57-3	ug/L	4/18/2022		<0.0615
MW-29	d	Acetone	67-64-1	ug/L	4/18/2022		<10.0
MW-29	d	Acrylonitrile	107-13-1	ug/L	4/18/2022		<10.0
MW-29	d	Benzene	71-43-2	ug/L	4/18/2022		3.15
MW-29	d	Bromochloromethane	74-97-5	ug/L	4/18/2022		<5.00
MW-29	d	Bromodichloromethane	75-27-4	ug/L	4/18/2022		<1.00
MW-29	d	Bromoform	75-25-2	ug/L	4/18/2022		<5.00
MW-29	d	Bromomethane	74-83-9	ug/L	4/18/2022		<4.00
MW-29	d	2-Butanone	78-93-3	ug/L	4/18/2022		<10.0
MW-29	d	Carbon Disulfide	75-15-0	ug/L	4/18/2022		<1.00
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	4/18/2022		<2.00
MW-29	d	Chlorobenzene	108-90-7	ug/L	4/18/2022		19
MW-29	d	Chlorodibromomethane	124-48-1	ug/L	4/18/2022		<5.00
MW-29	d	Chloroethane	75-00-3	ug/L	4/18/2022	J	1.13
MW-29	d	Chloroform	67-66-3	ug/L	4/18/2022		<3.00
MW-29	d	Chloromethane	74-87-3	ug/L	4/18/2022		<3.00
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/18/2022		8.62
MW-29	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/18/2022		<5.00
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/18/2022		<1.20
MW-29	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/18/2022		<0.340
MW-29	d	Methylene Bromide	74-95-3	ug/L	4/18/2022		<1.00
MW-29	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/18/2022		<1.00
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/18/2022		10.2
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	4/18/2022		2.58
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	4/18/2022		<1.00
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	4/18/2022		<2.00
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	4/18/2022	J	0.735
MW-29	d	Ethylbenzene	100-41-4	ug/L	4/18/2022		<1.00
MW-29	d	2-Hexanone	591-78-6	ug/L	4/18/2022		<10.0
MW-29	d	Iodomethane	74-88-4	ug/L	4/18/2022		<10.0
MW-29	d	Methylene Chloride	75-09-2	ug/L	4/18/2022		<5.00
MW-29	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/18/2022		<10.0
MW-29	d	Styrene	100-42-5	ug/L	4/18/2022		<1.00
MW-29	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/18/2022		<1.00
MW-29	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/18/2022		<1.00
MW-29	d	Tetrachloroethene	127-18-4	ug/L	4/18/2022		<1.00
MW-29	d	Toluene	108-88-3	ug/L	4/18/2022		<1.00
MW-29	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/18/2022		<10.0
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/18/2022	J	0.809
MW-29	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/18/2022		<5.00
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/18/2022		<1.00
MW-29	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/18/2022		<1.00
MW-29	d	Trichloroethene	79-01-6	ug/L	4/18/2022		1.34
MW-29	d	Trichlorofluoromethane	75-69-4	ug/L	4/18/2022		<4.00
MW-29	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/18/2022		<1.00
MW-29	d	Vinyl Acetate	108-05-4	ug/L	4/18/2022		<10.0
MW-29	d	Vinyl Chloride	75-01-4	ug/L	4/18/2022		3.16
MW-29	d	Xylenes, total	1330-20-7	ug/L	4/18/2022		<3.00
MW-29	d	Diethyl phthalate	84-66-2	ug/L	4/18/2022		<10.0
MW-29	d	Sulfide	18496-25-8	mg/L	4/18/2022		<1.00
MW-29	d	Total Suspended Solids	TSS	mg/L	4/18/2022		5
MW-29	d	Total Organic Carbon	TOC	mg/L	4/18/2022		18.7
MW-56	d	Antimony	7440-36-0	mg/L	4/18/2022		<0.00200
MW-56	d	Arsenic	7440-38-2	mg/L	4/18/2022		0.0289
MW-56	d	Barium	7440-39-3	mg/L	4/18/2022		0.62
MW-56	d	Beryllium	7440-41-7	mg/L	4/18/2022		<0.00100
MW-56	d	Cadmium	7440-43-9	mg/L	4/18/2022		0.000112
MW-56	d	Chromium	7440-47-3	mg/L	4/18/2022		<0.00500
MW-56	d	Cobalt	7440-48-4	mg/L	4/18/2022		0.0141
MW-56	d	Copper	7440-50-8	mg/L	4/18/2022	J	0.00222
MW-56	d	Lead	7439-92-1	mg/L	4/18/2022		<0.000500
MW-56	d	Nickel	7440-02-0	mg/L	4/18/2022		0.0154
MW-56	d	Selenium	7782-49-2	mg/L	4/18/2022	J	0.00126
MW-56	d	Silver	7440-22-4	mg/L	4/18/2022	J	0.000632
MW-56	d	Thallium	7440-28-0	mg/L	4/18/2022		<0.00100
MW-56	d	Vanadium	7440-62-2	mg/L	4/18/2022		<0.00500
MW-56	d	Zinc	7440-66-6	mg/L	4/18/2022		<0.0200
MW-56	d	Tin	7440-31-5	mg/L	4/18/2022		<0.00500
MW-56	d	Acetone	67-64-1	ug/L	4/18/2022		<10.0
MW-56	d	Acrylonitrile	107-13-1	ug/L	4/18/2022		<10.0
MW-56	d	Benzene	71-43-2	ug/L	4/18/2022		1.34
MW-56	d	Bromochloromethane	74-97-5	ug/L	4/18/2022		<5.00
MW-56	d	Bromodichloromethane	75-27-4	ug/L	4/18/2022		<1.00
MW-56	d	Bromoform	75-25-2	ug/L	4/18/2022		<5.00
MW-56	d	Bromomethane	74-83-9	ug/L	4/18/2022		<4.00
MW-56	d	2-Butanone	78-93-3	ug/L	4/18/2022		<10.0
MW-56	d	Carbon Disulfide	75-15-0	ug/L	4/18/2022		<1.00
MW-56	d	Carbon Tetrachloride	56-23-5	ug/L	4/18/2022		<2.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	Chlorobenzene	108-90-7	ug/L	4/18/2022		<1.00
MW-56	d	Chlorodibromomethane	124-48-1	ug/L	4/18/2022		<5.00
MW-56	d	Chloroethane	75-00-3	ug/L	4/18/2022		<4.00
MW-56	d	Chloroform	67-66-3	ug/L	4/18/2022		<3.00
MW-56	d	Chloromethane	74-87-3	ug/L	4/18/2022		<3.00
MW-56	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/18/2022		<1.00
MW-56	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/18/2022		<5.00
MW-56	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/18/2022		<1.20
MW-56	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/18/2022		<0.340
MW-56	d	Methylene Bromide	74-95-3	ug/L	4/18/2022		<1.00
MW-56	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/18/2022		<1.00
MW-56	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/18/2022		<1.00
MW-56	d	Dichlorodifluoromethane	75-71-8	ug/L	4/18/2022		<3.00
MW-56	d	1,1-Dichloroethane	75-34-3	ug/L	4/18/2022	J	0.262
MW-56	d	1,2-Dichloroethane	107-06-2	ug/L	4/18/2022		<1.00
MW-56	d	1,1-Dichloroethene	75-35-4	ug/L	4/18/2022		<2.00
MW-56	d	1,2-Dichloropropane	78-87-5	ug/L	4/18/2022		<1.00
MW-56	d	Ethylbenzene	100-41-4	ug/L	4/18/2022		<1.00
MW-56	d	2-Hexanone	591-78-6	ug/L	4/18/2022		<10.0
MW-56	d	Iodomethane	74-88-4	ug/L	4/18/2022		<10.0
MW-56	d	Methylene Chloride	75-09-2	ug/L	4/18/2022		<5.00
MW-56	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/18/2022		<10.0
MW-56	d	Styrene	100-42-5	ug/L	4/18/2022		<1.00
MW-56	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/18/2022		<1.00
MW-56	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/18/2022		<1.00
MW-56	d	Tetrachloroethene	127-18-4	ug/L	4/18/2022		<1.00
MW-56	d	Toluene	108-88-3	ug/L	4/18/2022		<1.00
MW-56	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/18/2022		<10.0
MW-56	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/18/2022	J	0.485
MW-56	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/18/2022		<5.00
MW-56	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/18/2022		<1.00
MW-56	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/18/2022		<1.00
MW-56	d	Trichloroethene	79-01-6	ug/L	4/18/2022		<1.00
MW-56	d	Trichlorofluoromethane	75-69-4	ug/L	4/18/2022		<4.00
MW-56	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/18/2022		<1.00
MW-56	d	Vinyl Acetate	108-05-4	ug/L	4/18/2022		<10.0
MW-56	d	Vinyl Chloride	75-01-4	ug/L	4/18/2022		<1.00
MW-56	d	Xylenes, total	1330-20-7	ug/L	4/18/2022		<3.00
MW-56	d	Total Suspended Solids	TSS	mg/L	4/18/2022		24
MW-28	d	Antimony	7440-36-0	mg/L	4/18/2022		<0.00200
MW-28	d	Arsenic	7440-38-2	mg/L	4/18/2022		0.00571
MW-28	d	Barium	7440-39-3	mg/L	4/18/2022		0.085
MW-28	d	Beryllium	7440-41-7	mg/L	4/18/2022		<0.00100
MW-28	d	Cadmium	7440-43-9	mg/L	4/18/2022		<0.000100
MW-28	d	Chromium	7440-47-3	mg/L	4/18/2022		<0.00500
MW-28	d	Cobalt	7440-48-4	mg/L	4/18/2022	J	0.000259
MW-28	d	Copper	7440-50-8	mg/L	4/18/2022		<0.00500
MW-28	d	Lead	7439-92-1	mg/L	4/18/2022		<0.000500
MW-28	d	Nickel	7440-02-0	mg/L	4/18/2022		<0.00500
MW-28	d	Selenium	7782-49-2	mg/L	4/18/2022		<0.00500
MW-28	d	Silver	7440-22-4	mg/L	4/18/2022		<0.00100
MW-28	d	Thallium	7440-28-0	mg/L	4/18/2022		<0.00100
MW-28	d	Vanadium	7440-62-2	mg/L	4/18/2022		<0.00500
MW-28	d	Zinc	7440-66-6	mg/L	4/18/2022		<0.0200
MW-28	d	Acetone	67-64-1	ug/L	4/18/2022		<10.0
MW-28	d	Acrylonitrile	107-13-1	ug/L	4/18/2022		<10.0
MW-28	d	Benzene	71-43-2	ug/L	4/18/2022		<0.500
MW-28	d	Bromochloromethane	74-97-5	ug/L	4/18/2022		<5.00
MW-28	d	Bromodichloromethane	75-27-4	ug/L	4/18/2022		<1.00
MW-28	d	Bromoform	75-25-2	ug/L	4/18/2022		<5.00
MW-28	d	Bromomethane	74-83-9	ug/L	4/18/2022		<4.00
MW-28	d	2-Butanone	78-93-3	ug/L	4/18/2022		<10.0
MW-28	d	Carbon Disulfide	75-15-0	ug/L	4/18/2022		<1.00
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	4/18/2022		<2.00
MW-28	d	Chlorobenzene	108-90-7	ug/L	4/18/2022		<1.00
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	4/18/2022		<5.00
MW-28	d	Chloroethane	75-00-3	ug/L	4/18/2022		<4.00
MW-28	d	Chloroform	67-66-3	ug/L	4/18/2022		<3.00
MW-28	d	Chloromethane	74-87-3	ug/L	4/18/2022		<3.00
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/18/2022		<1.00
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/18/2022		<5.00
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/18/2022		<1.20
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/18/2022		<0.340
MW-28	d	Methylene Bromide	74-95-3	ug/L	4/18/2022		<1.00
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/18/2022		<1.00
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/18/2022		<1.00
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	4/18/2022		<1.00
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	4/18/2022		<1.00
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	4/18/2022		<2.00
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	4/18/2022		<1.00
MW-28	d	Ethylbenzene	100-41-4	ug/L	4/18/2022		<1.00
MW-28	d	2-Hexanone	591-78-6	ug/L	4/18/2022		<10.0
MW-28	d	Iodomethane	74-88-4	ug/L	4/18/2022		<10.0
MW-28	d	Methylene Chloride	75-09-2	ug/L	4/18/2022		<5.00
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/18/2022		<10.0
MW-28	d	Styrene	100-42-5	ug/L	4/18/2022		<1.00
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/18/2022		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/18/2022		<1.00
MW-28	d	Tetrachloroethene	127-18-4	ug/L	4/18/2022		<1.00
MW-28	d	Toluene	108-88-3	ug/L	4/18/2022		<1.00
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/18/2022		<10.0
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/18/2022		<1.00
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/18/2022		<5.00
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/18/2022		<1.00
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/18/2022		<1.00
MW-28	d	Trichloroethene	79-01-6	ug/L	4/18/2022		<1.00
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	4/18/2022		<4.00
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/18/2022		<1.00
MW-28	d	Vinyl Acetate	108-05-4	ug/L	4/18/2022		<10.0
MW-28	d	Vinyl Chloride	75-01-4	ug/L	4/18/2022		<1.00
MW-28	d	Xylenes, total	1330-20-7	ug/L	4/18/2022		<3.00
MW-28	d	Total Suspended Solids	TSS	mg/L	4/18/2022		6
MW-19	d	Antimony	7440-36-0	mg/L	4/18/2022		<0.00200
MW-19	d	Arsenic	7440-38-2	mg/L	4/18/2022		<0.00200
MW-19	d	Barium	7440-39-3	mg/L	4/18/2022		0.0466
MW-19	d	Beryllium	7440-41-7	mg/L	4/18/2022		<0.00100
MW-19	d	Cadmium	7440-43-9	mg/L	4/18/2022		<0.000100
MW-19	d	Chromium	7440-47-3	mg/L	4/18/2022		<0.00500
MW-19	d	Cobalt	7440-48-4	mg/L	4/18/2022		<0.000500
MW-19	d	Copper	7440-50-8	mg/L	4/18/2022		<0.00500
MW-19	d	Lead	7439-92-1	mg/L	4/18/2022		<0.000500
MW-19	d	Nickel	7440-02-0	mg/L	4/18/2022		<0.00500
MW-19	d	Selenium	7782-49-2	mg/L	4/18/2022		<0.00500
MW-19	d	Silver	7440-22-4	mg/L	4/18/2022		<0.00100
MW-19	d	Thallium	7440-28-0	mg/L	4/18/2022		<0.00100
MW-19	d	Vanadium	7440-62-2	mg/L	4/18/2022		<0.00500
MW-19	d	Zinc	7440-66-6	mg/L	4/18/2022		<0.0200
MW-19	d	Acetone	67-64-1	ug/L	4/18/2022		<10.0
MW-19	d	Acrylonitrile	107-13-1	ug/L	4/18/2022		<10.0
MW-19	d	Benzene	71-43-2	ug/L	4/18/2022		<0.500
MW-19	d	Bromochloromethane	74-97-5	ug/L	4/18/2022		<5.00
MW-19	d	Bromodichloromethane	75-27-4	ug/L	4/18/2022		<1.00
MW-19	d	Bromoform	75-25-2	ug/L	4/18/2022		<5.00
MW-19	d	Bromomethane	74-83-9	ug/L	4/18/2022		<4.00
MW-19	d	2-Butanone	78-93-3	ug/L	4/18/2022		<10.0
MW-19	d	Carbon Disulfide	75-15-0	ug/L	4/18/2022		<1.00
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	4/18/2022		<2.00
MW-19	d	Chlorobenzene	108-90-7	ug/L	4/18/2022		<1.00
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	4/18/2022		<5.00
MW-19	d	Chloroethane	75-00-3	ug/L	4/18/2022		<4.00
MW-19	d	Chloroform	67-66-3	ug/L	4/18/2022		<3.00
MW-19	d	Chloromethane	74-87-3	ug/L	4/18/2022		<3.00
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/18/2022		<1.00
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/18/2022		<5.00
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/18/2022		<1.20
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/18/2022		<0.340
MW-19	d	Methylene Bromide	74-95-3	ug/L	4/18/2022		<1.00
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/18/2022		<1.00
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/18/2022		<1.00
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	4/18/2022		<1.00
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	4/18/2022		<1.00
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	4/18/2022		<2.00
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	4/18/2022		<1.00
MW-19	d	Ethylbenzene	100-41-4	ug/L	4/18/2022		<1.00
MW-19	d	2-Hexanone	591-78-6	ug/L	4/18/2022		<10.0
MW-19	d	Iodomethane	74-88-4	ug/L	4/18/2022		<10.0
MW-19	d	Methylene Chloride	75-09-2	ug/L	4/18/2022		<5.00
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/18/2022		<10.0
MW-19	d	Styrene	100-42-5	ug/L	4/18/2022		<1.00
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/18/2022		<1.00
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/18/2022		<1.00
MW-19	d	Tetrachloroethene	127-18-4	ug/L	4/18/2022		<1.00
MW-19	d	Toluene	108-88-3	ug/L	4/18/2022		<1.00
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/18/2022		<10.0
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/18/2022		<1.00
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/18/2022		<5.00
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/18/2022		<1.00
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/18/2022		<1.00
MW-19	d	Trichloroethene	79-01-6	ug/L	4/18/2022		<1.00
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	4/18/2022		<4.00
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/18/2022		<1.00
MW-19	d	Vinyl Acetate	108-05-4	ug/L	4/18/2022		<10.0
MW-19	d	Vinyl Chloride	75-01-4	ug/L	4/18/2022		<1.00
MW-19	d	Xylenes, total	1330-20-7	ug/L	4/18/2022		<3.00
MW-19	d	Total Suspended Solids	TSS	mg/L	4/18/2022	J	1.63
MW-18	d	Antimony	7440-36-0	mg/L	4/18/2022		<0.00200
MW-18	d	Arsenic	7440-38-2	mg/L	4/18/2022		<0.00200
MW-18	d	Barium	7440-39-3	mg/L	4/18/2022		0.124
MW-18	d	Beryllium	7440-41-7	mg/L	4/18/2022		<0.00100
MW-18	d	Cadmium	7440-43-9	mg/L	4/18/2022	J	0.000087
MW-18	d	Chromium	7440-47-3	mg/L	4/18/2022		<0.00500
MW-18	d	Cobalt	7440-48-4	mg/L	4/18/2022		0.00113
MW-18	d	Copper	7440-50-8	mg/L	4/18/2022		<0.00500
MW-18	d	Lead	7439-92-1	mg/L	4/18/2022		<0.000500

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-18	d	Nickel	7440-02-0	mg/L	4/18/2022	J	0.00426
MW-18	d	Selenium	7782-49-2	mg/L	4/18/2022		<0.00500
MW-18	d	Silver	7440-22-4	mg/L	4/18/2022		<0.00100
MW-18	d	Thallium	7440-28-0	mg/L	4/18/2022		<0.00100
MW-18	d	Vanadium	7440-62-2	mg/L	4/18/2022		<0.00500
MW-18	d	Zinc	7440-66-6	mg/L	4/18/2022		<0.0200
MW-18	d	Aldrin	309-00-2	ug/L	4/18/2022		<0.0593
MW-18	d	Acetone	67-64-1	ug/L	4/18/2022		<10.0
MW-18	d	Acrylonitrile	107-13-1	ug/L	4/18/2022		<10.0
MW-18	d	Benzene	71-43-2	ug/L	4/18/2022		<0.500
MW-18	d	Bromochloromethane	74-97-5	ug/L	4/18/2022		<5.00
MW-18	d	Bromodichloromethane	75-27-4	ug/L	4/18/2022		<1.00
MW-18	d	Bromoform	75-25-2	ug/L	4/18/2022		<5.00
MW-18	d	Bromomethane	74-83-9	ug/L	4/18/2022		<4.00
MW-18	d	2-Butanone	78-93-3	ug/L	4/18/2022		<10.0
MW-18	d	Carbon Disulfide	75-15-0	ug/L	4/18/2022		<1.00
MW-18	d	Carbon Tetrachloride	56-23-5	ug/L	4/18/2022		<2.00
MW-18	d	Chlorobenzene	108-90-7	ug/L	4/18/2022		<1.00
MW-18	d	Chlorodibromomethane	124-48-1	ug/L	4/18/2022		<5.00
MW-18	d	Chloroethane	75-00-3	ug/L	4/18/2022		<4.00
MW-18	d	Chloroform	67-66-3	ug/L	4/18/2022		<3.00
MW-18	d	Chloromethane	74-87-3	ug/L	4/18/2022		<3.00
MW-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/18/2022		<1.00
MW-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/18/2022		<5.00
MW-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/18/2022		<1.20
MW-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/18/2022		<0.340
MW-18	d	Methylene Bromide	74-95-3	ug/L	4/18/2022		<1.00
MW-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/18/2022		<1.00
MW-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/18/2022		<1.00
MW-18	d	1,1-Dichloroethane	75-34-3	ug/L	4/18/2022		<1.00
MW-18	d	1,2-Dichloroethane	107-06-2	ug/L	4/18/2022		<1.00
MW-18	d	1,1-Dichloroethene	75-35-4	ug/L	4/18/2022		<2.00
MW-18	d	1,2-Dichloropropane	78-87-5	ug/L	4/18/2022		<1.00
MW-18	d	Ethylbenzene	100-41-4	ug/L	4/18/2022		<1.00
MW-18	d	2-Hexanone	591-78-6	ug/L	4/18/2022		<10.0
MW-18	d	Iodomethane	74-88-4	ug/L	4/18/2022		<10.0
MW-18	d	Methylene Chloride	75-09-2	ug/L	4/18/2022		<5.00
MW-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/18/2022		<10.0
MW-18	d	Styrene	100-42-5	ug/L	4/18/2022		<1.00
MW-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/18/2022		<1.00
MW-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/18/2022		<1.00
MW-18	d	Tetrachloroethene	127-18-4	ug/L	4/18/2022		<1.00
MW-18	d	Toluene	108-88-3	ug/L	4/18/2022		<1.00
MW-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/18/2022		<10.0
MW-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/18/2022		<1.00
MW-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/18/2022		<5.00
MW-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/18/2022		<1.00
MW-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/18/2022		<1.00
MW-18	d	Trichloroethene	79-01-6	ug/L	4/18/2022		<1.00
MW-18	d	Trichlorofluoromethane	75-69-4	ug/L	4/18/2022		<4.00
MW-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/18/2022		<1.00
MW-18	d	Vinyl Acetate	108-05-4	ug/L	4/18/2022		<10.0
MW-18	d	Vinyl Chloride	75-01-4	ug/L	4/18/2022		<1.00
MW-18	d	Xylenes, total	1330-20-7	ug/L	4/18/2022		<3.00
MW-18	d	Total Suspended Solids	TSS	mg/L	4/18/2022	J	1
MW-39	d	Antimony	7440-36-0	mg/L	4/18/2022		<0.00200
MW-39	d	Arsenic	7440-38-2	mg/L	4/18/2022		<0.00200
MW-39	d	Barium	7440-39-3	mg/L	4/18/2022		0.0399
MW-39	d	Beryllium	7440-41-7	mg/L	4/18/2022		<0.00100
MW-39	d	Cadmium	7440-43-9	mg/L	4/18/2022		<0.000100
MW-39	d	Chromium	7440-47-3	mg/L	4/18/2022		<0.00500
MW-39	d	Cobalt	7440-48-4	mg/L	4/18/2022		0.00417
MW-39	d	Copper	7440-50-8	mg/L	4/18/2022		<0.00500
MW-39	d	Lead	7439-92-1	mg/L	4/18/2022		<0.000500
MW-39	d	Nickel	7440-02-0	mg/L	4/18/2022		0.00537
MW-39	d	Selenium	7782-49-2	mg/L	4/18/2022		<0.00500
MW-39	d	Silver	7440-22-4	mg/L	4/18/2022		<0.00100
MW-39	d	Thallium	7440-28-0	mg/L	4/18/2022		<0.00100
MW-39	d	Vanadium	7440-62-2	mg/L	4/18/2022		<0.00500
MW-39	d	Zinc	7440-66-6	mg/L	4/18/2022		<0.0200
MW-39	d	Acetone	67-64-1	ug/L	4/18/2022		<10.0
MW-39	d	Acrylonitrile	107-13-1	ug/L	4/18/2022		<10.0
MW-39	d	Benzene	71-43-2	ug/L	4/18/2022		<0.500
MW-39	d	Bromochloromethane	74-97-5	ug/L	4/18/2022		<5.00
MW-39	d	Bromodichloromethane	75-27-4	ug/L	4/18/2022		<1.00
MW-39	d	Bromoform	75-25-2	ug/L	4/18/2022		<5.00
MW-39	d	Bromomethane	74-83-9	ug/L	4/18/2022		<4.00
MW-39	d	2-Butanone	78-93-3	ug/L	4/18/2022		<10.0
MW-39	d	Carbon Disulfide	75-15-0	ug/L	4/18/2022		<1.00
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	4/18/2022		<2.00
MW-39	d	Chlorobenzene	108-90-7	ug/L	4/18/2022		<1.00
MW-39	d	Chlorodibromomethane	124-48-1	ug/L	4/18/2022		<5.00
MW-39	d	Chloroethane	75-00-3	ug/L	4/18/2022		<4.00
MW-39	d	Chloroform	67-66-3	ug/L	4/18/2022		<3.00
MW-39	d	Chloromethane	74-87-3	ug/L	4/18/2022		<3.00
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/18/2022		<1.00
MW-39	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/18/2022		<5.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/18/2022		<1.20
MW-39	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/18/2022		<0.340
MW-39	d	Methylene Bromide	74-95-3	ug/L	4/18/2022		<1.00
MW-39	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/18/2022		<1.00
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/18/2022		<1.00
MW-39	d	1,1-Dichloroethane	75-34-3	ug/L	4/18/2022		<1.00
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	4/18/2022		<1.00
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	4/18/2022		<2.00
MW-39	d	1,2-Dichloropropane	78-87-5	ug/L	4/18/2022		<1.00
MW-39	d	Ethylbenzene	100-41-4	ug/L	4/18/2022		<1.00
MW-39	d	2-Hexanone	591-78-6	ug/L	4/18/2022		<10.0
MW-39	d	Iodomethane	74-88-4	ug/L	4/18/2022		<10.0
MW-39	d	Methylene Chloride	75-09-2	ug/L	4/18/2022		<5.00
MW-39	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/18/2022		<10.0
MW-39	d	Styrene	100-42-5	ug/L	4/18/2022		<1.00
MW-39	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/18/2022		<1.00
MW-39	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/18/2022		<1.00
MW-39	d	Tetrachloroethene	127-18-4	ug/L	4/18/2022		<1.00
MW-39	d	Toluene	108-88-3	ug/L	4/18/2022		<1.00
MW-39	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/18/2022		<10.0
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/18/2022		<1.00
MW-39	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/18/2022		<5.00
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/18/2022		<1.00
MW-39	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/18/2022		<1.00
MW-39	d	Trichloroethene	79-01-6	ug/L	4/18/2022		<1.00
MW-39	d	Trichlorofluoromethane	75-69-4	ug/L	4/18/2022		<4.00
MW-39	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/18/2022		<1.00
MW-39	d	Vinyl Acetate	108-05-4	ug/L	4/18/2022		<10.0
MW-39	d	Vinyl Chloride	75-01-4	ug/L	4/18/2022		<1.00
MW-39	d	Xylenes, total	1330-20-7	ug/L	4/18/2022		<3.00
MW-39	d	Total Suspended Solids	TSS	mg/L	4/18/2022		2.63
MW-55	d	Antimony	7440-36-0	mg/L	4/18/2022		<0.00200
MW-55	d	Arsenic	7440-38-2	mg/L	4/18/2022		<0.00200
MW-55	d	Barium	7440-39-3	mg/L	4/18/2022		0.0328
MW-55	d	Beryllium	7440-41-7	mg/L	4/18/2022		<0.00100
MW-55	d	Cadmium	7440-43-9	mg/L	4/18/2022		<0.000100
MW-55	d	Chromium	7440-47-3	mg/L	4/18/2022		<0.00500
MW-55	d	Cobalt	7440-48-4	mg/L	4/18/2022		<0.000500
MW-55	d	Copper	7440-50-8	mg/L	4/18/2022		<0.00500
MW-55	d	Lead	7439-92-1	mg/L	4/18/2022		<0.000500
MW-55	d	Nickel	7440-02-0	mg/L	4/18/2022		<0.00500
MW-55	d	Selenium	7782-49-2	mg/L	4/18/2022		<0.00500
MW-55	d	Silver	7440-22-4	mg/L	4/18/2022		<0.00100
MW-55	d	Thallium	7440-28-0	mg/L	4/18/2022		<0.00100
MW-55	d	Vanadium	7440-62-2	mg/L	4/18/2022		<0.00500
MW-55	d	Zinc	7440-66-6	mg/L	4/18/2022		<0.0200
MW-55	d	Tin	7440-31-5	mg/L	4/18/2022		<0.00500
MW-55	d	Acetone	67-64-1	ug/L	4/18/2022		<10.0
MW-55	d	Acrylonitrile	107-13-1	ug/L	4/18/2022		<10.0
MW-55	d	Benzene	71-43-2	ug/L	4/18/2022		<0.500
MW-55	d	Bromochloromethane	74-97-5	ug/L	4/18/2022		<5.00
MW-55	d	Bromodichloromethane	75-27-4	ug/L	4/18/2022		<1.00
MW-55	d	Bromoform	75-25-2	ug/L	4/18/2022		<5.00
MW-55	d	Bromomethane	74-83-9	ug/L	4/18/2022		<4.00
MW-55	d	2-Butanone	78-93-3	ug/L	4/18/2022		<10.0
MW-55	d	Carbon Disulfide	75-15-0	ug/L	4/18/2022		<1.00
MW-55	d	Carbon Tetrachloride	56-23-5	ug/L	4/18/2022		<2.00
MW-55	d	Chlorobenzene	108-90-7	ug/L	4/18/2022		<1.00
MW-55	d	Chlorodibromomethane	124-48-1	ug/L	4/18/2022		<5.00
MW-55	d	Chloroethane	75-00-3	ug/L	4/18/2022		<4.00
MW-55	d	Chloroform	67-66-3	ug/L	4/18/2022		<3.00
MW-55	d	Chloromethane	74-87-3	ug/L	4/18/2022		<3.00
MW-55	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/18/2022		<1.00
MW-55	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/18/2022		<5.00
MW-55	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/18/2022		<1.20
MW-55	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/18/2022		<0.340
MW-55	d	Methylene Bromide	74-95-3	ug/L	4/18/2022		<1.00
MW-55	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/18/2022		<1.00
MW-55	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/18/2022		<1.00
MW-55	d	1,1-Dichloroethane	75-34-3	ug/L	4/18/2022		<1.00
MW-55	d	1,2-Dichloroethane	107-06-2	ug/L	4/18/2022		<1.00
MW-55	d	1,1-Dichloroethene	75-35-4	ug/L	4/18/2022		<2.00
MW-55	d	1,2-Dichloropropane	78-87-5	ug/L	4/18/2022		<1.00
MW-55	d	Ethylbenzene	100-41-4	ug/L	4/18/2022		<1.00
MW-55	d	2-Hexanone	591-78-6	ug/L	4/18/2022		<10.0
MW-55	d	Iodomethane	74-88-4	ug/L	4/18/2022		<10.0
MW-55	d	Methylene Chloride	75-09-2	ug/L	4/18/2022		<5.00
MW-55	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/18/2022		<10.0
MW-55	d	Styrene	100-42-5	ug/L	4/18/2022		<1.00
MW-55	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/18/2022		<1.00
MW-55	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/18/2022		<1.00
MW-55	d	Tetrachloroethene	127-18-4	ug/L	4/18/2022		<1.00
MW-55	d	Toluene	108-88-3	ug/L	4/18/2022		<1.00
MW-55	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/18/2022		<10.0
MW-55	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/18/2022		<1.00
MW-55	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/18/2022		<5.00
MW-55	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/18/2022		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-55	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/18/2022		<1.00
MW-55	d	Trichloroethene	79-01-6	ug/L	4/18/2022		<1.00
MW-55	d	Trichlorofluoromethane	75-69-4	ug/L	4/18/2022		<4.00
MW-55	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/18/2022		<1.00
MW-55	d	Vinyl Acetate	108-05-4	ug/L	4/18/2022		<10.0
MW-55	d	Vinyl Chloride	75-01-4	ug/L	4/18/2022		<1.00
MW-55	d	Xylenes, total	1330-20-7	ug/L	4/18/2022		<3.00
MW-55	d	Total Suspended Solids	TSS	mg/L	4/18/2022	J	0.75
PZ-13	d	Arsenic	7440-38-2	mg/L	4/18/2022	J	0.00131
PZ-13	d	Cobalt	7440-48-4	mg/L	4/18/2022		<0.000500
PZ-13	d	Acetone	67-64-1	ug/L	4/18/2022		<10.0
PZ-13	d	Acrylonitrile	107-13-1	ug/L	4/18/2022		<10.0
PZ-13	d	Benzene	71-43-2	ug/L	4/18/2022		<0.500
PZ-13	d	Bromochloromethane	74-97-5	ug/L	4/18/2022		<5.00
PZ-13	d	Bromodichloromethane	75-27-4	ug/L	4/18/2022		<1.00
PZ-13	d	Bromoform	75-25-2	ug/L	4/18/2022		<5.00
PZ-13	d	Bromomethane	74-83-9	ug/L	4/18/2022		<4.00
PZ-13	d	2-Butanone	78-93-3	ug/L	4/18/2022		<10.0
PZ-13	d	Carbon Disulfide	75-15-0	ug/L	4/18/2022		<1.00
PZ-13	d	Carbon Tetrachloride	56-23-5	ug/L	4/18/2022		<2.00
PZ-13	d	Chlorobenzene	108-90-7	ug/L	4/18/2022		<1.00
PZ-13	d	Chlorodibromomethane	124-48-1	ug/L	4/18/2022		<5.00
PZ-13	d	Chloroethane	75-00-3	ug/L	4/18/2022		<4.00
PZ-13	d	Chloroform	67-66-3	ug/L	4/18/2022		<3.00
PZ-13	d	Chloromethane	74-87-3	ug/L	4/18/2022		<3.00
PZ-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/18/2022		<1.00
PZ-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/18/2022		<5.00
PZ-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/18/2022		<1.20
PZ-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/18/2022		<0.340
PZ-13	d	Methylene Bromide	74-95-3	ug/L	4/18/2022		<1.00
PZ-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/18/2022		<1.00
PZ-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/18/2022		<1.00
PZ-13	d	1,1-Dichloroethane	75-34-3	ug/L	4/18/2022		<1.00
PZ-13	d	1,2-Dichloroethane	107-06-2	ug/L	4/18/2022		<1.00
PZ-13	d	1,1-Dichloroethene	75-35-4	ug/L	4/18/2022		<2.00
PZ-13	d	1,2-Dichloropropane	78-87-5	ug/L	4/18/2022		<1.00
PZ-13	d	Ethylbenzene	100-41-4	ug/L	4/18/2022		<1.00
PZ-13	d	2-Hexanone	591-78-6	ug/L	4/18/2022		<10.0
PZ-13	d	Iodomethane	74-88-4	ug/L	4/18/2022		<10.0
PZ-13	d	Methylene Chloride	75-09-2	ug/L	4/18/2022		<5.00
PZ-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/18/2022		<10.0
PZ-13	d	Styrene	100-42-5	ug/L	4/18/2022		<1.00
PZ-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/18/2022		<1.00
PZ-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/18/2022		<1.00
PZ-13	d	Tetrachloroethene	127-18-4	ug/L	4/18/2022		<1.00
PZ-13	d	Toluene	108-88-3	ug/L	4/18/2022		<1.00
PZ-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/18/2022		<10.0
PZ-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/18/2022		<1.00
PZ-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/18/2022		<5.00
PZ-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/18/2022		<1.00
PZ-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/18/2022		<1.00
PZ-13	d	Trichloroethene	79-01-6	ug/L	4/18/2022		<1.00
PZ-13	d	Trichlorofluoromethane	75-69-4	ug/L	4/18/2022		<4.00
PZ-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/18/2022		<1.00
PZ-13	d	Vinyl Acetate	108-05-4	ug/L	4/18/2022		<10.0
PZ-13	d	Vinyl Chloride	75-01-4	ug/L	4/18/2022		<1.00
PZ-13	d	Xylenes, total	1330-20-7	ug/L	4/18/2022		<3.00
PZ-13	d	Total Suspended Solids	TSS	mg/L	4/18/2022	J	1
GU-3A	d	Ammonia as N	7664-41-7	mg/L	4/18/2022		0.542
GU-3A	d	Total Kjeldahl Nitrogen	TKN	mg/L	4/18/2022		13.7
GU-3A	d	Nitrate/Nitrite as N	1594-56-5xx	mg/L	4/18/2022	J	0.394
GU-3A	d	Aluminum	7429-90-5	mg/L	4/18/2022		<0.0500
GU-3A	d	Antimony	7440-36-0	mg/L	4/18/2022		<0.00200
GU-3A	d	Arsenic	7440-38-2	mg/L	4/18/2022		<0.00200
GU-3A	d	Barium	7440-39-3	mg/L	4/18/2022		0.257
GU-3A	d	Beryllium	7440-41-7	mg/L	4/18/2022		<0.00100
GU-3A	d	Boron	7440-42-8	mg/L	4/18/2022		0.365
GU-3A	d	Cadmium	7440-43-9	mg/L	4/18/2022	J	0.000095
GU-3A	d	Chromium	7440-47-3	mg/L	4/18/2022		<0.00500
GU-3A	d	Cobalt	7440-48-4	mg/L	4/18/2022		0.00609
GU-3A	d	Copper	7440-50-8	mg/L	4/18/2022		<0.00500
GU-3A	d	Iron	7439-89-6	mg/L	4/18/2022		0.368
GU-3A	d	Lead	7439-92-1	mg/L	4/18/2022		<0.000500
GU-3A	d	Lithium	7439-93-2	mg/L	4/18/2022		0.0447
GU-3A	d	Manganese	7439-96-5	mg/L	4/18/2022		21.4
GU-3A	d	Molybdenum	7439-98-7	mg/L	4/18/2022		<0.00200
GU-3A	d	Nickel	7440-02-0	mg/L	4/18/2022		0.0296
GU-3A	d	Selenium	7782-49-2	mg/L	4/18/2022		<0.00500
GU-3A	d	Silver	7440-22-4	mg/L	4/18/2022		<0.00100
GU-3A	d	Thallium	7440-28-0	mg/L	4/18/2022		<0.00100
GU-3A	d	Vanadium	7440-62-2	mg/L	4/18/2022		<0.00500
GU-3A	d	Zinc	7440-66-6	mg/L	4/18/2022		0.0241
GU-3A	d	Acetone	67-64-1	ug/L	4/18/2022		<10.0
GU-3A	d	Acrylonitrile	107-13-1	ug/L	4/18/2022		<10.0
GU-3A	d	Benzene	71-43-2	ug/L	4/18/2022		<0.500
GU-3A	d	Bromochloromethane	74-97-5	ug/L	4/18/2022		<5.00
GU-3A	d	Bromodichloromethane	75-27-4	ug/L	4/18/2022		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
GU-3A	d	Bromoform	75-25-2	ug/L	4/18/2022		<5.00
GU-3A	d	Bromomethane	74-83-9	ug/L	4/18/2022		<4.00
GU-3A	d	2-Butanone	78-93-3	ug/L	4/18/2022		<10.0
GU-3A	d	Carbon Disulfide	75-15-0	ug/L	4/18/2022		<1.00
GU-3A	d	Carbon Tetrachloride	56-23-5	ug/L	4/18/2022		<2.00
GU-3A	d	Chlorobenzene	108-90-7	ug/L	4/18/2022		<1.00
GU-3A	d	Chlorodibromomethane	124-48-1	ug/L	4/18/2022		<5.00
GU-3A	d	Chloroethane	75-00-3	ug/L	4/18/2022		<4.00
GU-3A	d	Chloroform	67-66-3	ug/L	4/18/2022		<3.00
GU-3A	d	Chloromethane	74-87-3	ug/L	4/18/2022		<3.00
GU-3A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/18/2022		<1.00
GU-3A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/18/2022		<5.00
GU-3A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/18/2022		<1.20
GU-3A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/18/2022		<0.340
GU-3A	d	Methylene Bromide	74-95-3	ug/L	4/18/2022		<1.00
GU-3A	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/18/2022		<1.00
GU-3A	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/18/2022		<1.00
GU-3A	d	1,1-Dichloroethane	75-34-3	ug/L	4/18/2022		<1.00
GU-3A	d	1,2-Dichloroethane	107-06-2	ug/L	4/18/2022		<1.00
GU-3A	d	1,1-Dichloroethene	75-35-4	ug/L	4/18/2022		<2.00
GU-3A	d	1,2-Dichloropropane	78-87-5	ug/L	4/18/2022		<1.00
GU-3A	d	Ethylbenzene	100-41-4	ug/L	4/18/2022		<1.00
GU-3A	d	2-Hexanone	591-78-6	ug/L	4/18/2022		<10.0
GU-3A	d	Iodomethane	74-88-4	ug/L	4/18/2022		<10.0
GU-3A	d	Methylene Chloride	75-09-2	ug/L	4/18/2022		<5.00
GU-3A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/18/2022		<10.0
GU-3A	d	Styrene	100-42-5	ug/L	4/18/2022		<1.00
GU-3A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/18/2022		<1.00
GU-3A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/18/2022		<1.00
GU-3A	d	Tetrachloroethene	127-18-4	ug/L	4/18/2022		<1.00
GU-3A	d	Toluene	108-88-3	ug/L	4/18/2022		<1.00
GU-3A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/18/2022		<10.0
GU-3A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/18/2022		<1.00
GU-3A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/18/2022		<5.00
GU-3A	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/18/2022		<1.00
GU-3A	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/18/2022		<1.00
GU-3A	d	Trichloroethene	79-01-6	ug/L	4/18/2022		<1.00
GU-3A	d	Trichlorofluoromethane	75-69-4	ug/L	4/18/2022		<4.00
GU-3A	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/18/2022		<1.00
GU-3A	d	Vinyl Acetate	108-05-4	ug/L	4/18/2022		<10.0
GU-3A	d	Vinyl Chloride	75-01-4	ug/L	4/18/2022		<1.00
GU-3A	d	Xylenes, total	1330-20-7	ug/L	4/18/2022		<3.00
GU-3A	d	Chloride	16887-00-6	mg/L	4/18/2022		96.5
GU-3A	d	Sulfate	14808-79-8	mg/L	4/18/2022		338
GU-3A	d	Fluoride	16984-48-8	mg/L	4/18/2022		<0.500
GU-3A	d	Total Suspended Solids	TSS	mg/L	4/18/2022		1560
GU-3A	d	BOD - Five Day	BOD	mg/L	4/18/2022		9.41
GU-3A	d	Silica, Dissolved	D7631-86-9	mg/L	4/18/2022		23.2
SW-102	d	Iron, Dissolved	D7439-89-6	mg/L	4/18/2022		<0.500
SW-102	d	Ammonia as N	7664-41-7	mg/L	4/18/2022		<0.500
SW-102	d	Arsenic	7440-38-2	mg/L	4/18/2022	J	0.00109
SW-102	d	Cobalt	7440-48-4	mg/L	4/18/2022	J	0.000364
SW-102	d	Chloride	16887-00-6	mg/L	4/18/2022		39.1
SW-102	d	Total Suspended Solids	TSS	mg/L	4/18/2022		10.3
SW-102	d	Chemical Oxygen Demand	COD	mg/L	4/18/2022		37.2
SW-106	d	Iron, Dissolved	D7439-89-6	mg/L	4/18/2022		0.535
SW-106	d	Nitrate as N	14797-55-8	mg/L	4/18/2022		9.15
SW-106	d	Ammonia as N	7664-41-7	mg/L	4/18/2022		<0.500
SW-106	d	Arsenic	7440-38-2	mg/L	4/18/2022		0.00224
SW-106	d	Cobalt	7440-48-4	mg/L	4/18/2022		0.00107
SW-106	d	Chloride	16887-00-6	mg/L	4/18/2022		32.5
SW-106	d	Total Suspended Solids	TSS	mg/L	4/18/2022		9.62
SW-106	d	Chemical Oxygen Demand	COD	mg/L	4/18/2022		40.6
SW-104	d	Iron, Dissolved	D7439-89-6	mg/L	4/18/2022		0.79
SW-104	d	Ammonia as N	7664-41-7	mg/L	4/18/2022		<0.500
SW-104	d	Chloride	16887-00-6	mg/L	4/18/2022		59.3
SW-104	d	Chemical Oxygen Demand	COD	mg/L	4/18/2022		<25.0
SW-105	d	Iron, Dissolved	D7439-89-6	mg/L	4/18/2022		1.45
SW-105	d	Nitrate as N	14797-55-8	mg/L	4/18/2022		<0.100
SW-105	d	Ammonia as N	7664-41-7	mg/L	4/18/2022		<0.500
SW-105	d	Chloride	16887-00-6	mg/L	4/18/2022		394
SW-105	d	Chemical Oxygen Demand	COD	mg/L	4/18/2022		106
SW-101	d	Iron, Dissolved	D7439-89-6	mg/L	4/18/2022		2.16
SW-101	d	Ammonia as N	7664-41-7	mg/L	4/18/2022	J	0.242
SW-101	d	Arsenic	7440-38-2	mg/L	4/18/2022		0.00317
SW-101	d	Cobalt	7440-48-4	mg/L	4/18/2022		0.00437
SW-101	d	Chloride	16887-00-6	mg/L	4/18/2022		240
SW-101	d	Total Suspended Solids	TSS	mg/L	4/18/2022		77
SW-101	d	Chemical Oxygen Demand	COD	mg/L	4/18/2022		150
SW-103	d	Iron, Dissolved	D7439-89-6	mg/L	4/18/2022		<0.500
SW-103	d	Ammonia as N	7664-41-7	mg/L	4/18/2022		<0.500
SW-103	d	Arsenic	7440-38-2	mg/L	4/18/2022		<0.00200
SW-103	d	Cobalt	7440-48-4	mg/L	4/18/2022	J	0.000248
SW-103	d	Chloride	16887-00-6	mg/L	4/18/2022		40.4
SW-103	d	Total Suspended Solids	TSS	mg/L	4/18/2022		13.5
SW-103	d	Chemical Oxygen Demand	COD	mg/L	4/18/2022		42.3
SW-107	d	Iron, Dissolved	D7439-89-6	mg/L	4/18/2022		<0.500

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
SW-107	d	Nitrate as N	14797-55-8	mg/L	4/18/2022	H	12.6
SW-107	d	Ammonia as N	7664-41-7	mg/L	4/18/2022		<0.500
SW-107	d	Nitrate/Nitrite as N	1594-56-5xx	mg/L	4/18/2022	F1	6.8
SW-107	d	Arsenic	7440-38-2	mg/L	4/18/2022	J	0.000989
SW-107	d	Cobalt	7440-48-4	mg/L	4/18/2022	J	0.000308
SW-107	d	Chloride	16887-00-6	mg/L	4/18/2022		41.1
SW-107	d	Chemical Oxygen Demand	COD	mg/L	4/18/2022		50.8
MW-32R	d	Antimony	7440-36-0	mg/L	4/20/2022		<0.00200
MW-32R	d	Arsenic	7440-38-2	mg/L	4/20/2022		<0.00200
MW-32R	d	Barium	7440-39-3	mg/L	4/20/2022		0.313
MW-32R	d	Beryllium	7440-41-7	mg/L	4/20/2022		<0.00100
MW-32R	d	Cadmium	7440-43-9	mg/L	4/20/2022	J	0.000084
MW-32R	d	Chromium	7440-47-3	mg/L	4/20/2022		<0.00500
MW-32R	d	Cobalt	7440-48-4	mg/L	4/20/2022		0.000689
MW-32R	d	Copper	7440-50-8	mg/L	4/20/2022		<0.00500
MW-32R	d	Lead	7439-92-1	mg/L	4/20/2022		0.00105
MW-32R	d	Nickel	7440-02-0	mg/L	4/20/2022		<0.00500
MW-32R	d	Selenium	7782-49-2	mg/L	4/20/2022		<0.00500
MW-32R	d	Silver	7440-22-4	mg/L	4/20/2022		<0.00100
MW-32R	d	Thallium	7440-28-0	mg/L	4/20/2022	J	0.000648
MW-32R	d	Vanadium	7440-62-2	mg/L	4/20/2022	J	0.00124
MW-32R	d	Zinc	7440-66-6	mg/L	4/20/2022	0	<0.0200
MW-31R	d	Total Organic Carbon	TOC	mg/L	4/20/2022		2.65
MW-31R	d	Antimony	7440-36-0	mg/L	4/20/2022		<0.00200
MW-31R	d	Arsenic	7440-38-2	mg/L	4/20/2022		0.00228
MW-31R	d	Barium	7440-39-3	mg/L	4/20/2022		0.44
MW-31R	d	Beryllium	7440-41-7	mg/L	4/20/2022		<0.00100
MW-31R	d	Cadmium	7440-43-9	mg/L	4/20/2022		<0.000100
MW-31R	d	Chromium	7440-47-3	mg/L	4/20/2022		<0.00500
MW-31R	d	Cobalt	7440-48-4	mg/L	4/20/2022	J	0.000271
MW-31R	d	Copper	7440-50-8	mg/L	4/20/2022		<0.00500
MW-31R	d	Lead	7439-92-1	mg/L	4/20/2022		<0.000500
MW-31R	d	Nickel	7440-02-0	mg/L	4/20/2022		<0.00500
MW-31R	d	Selenium	7782-49-2	mg/L	4/20/2022		<0.00500
MW-31R	d	Silver	7440-22-4	mg/L	4/20/2022		<0.00100
MW-31R	d	Thallium	7440-28-0	mg/L	4/20/2022		<0.00100
MW-31R	d	Vanadium	7440-62-2	mg/L	4/20/2022		<0.00500
MW-31R	d	Zinc	7440-66-6	mg/L	4/20/2022	J	0.0159
MW-31R	d	Delta-BHC	319-86-8	ug/L	4/20/2022	*1 *+	<0.0640
MW-31R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/20/2022		<10.0
MW-31R	d	Di-n-octyl phthalate	117-84-0	ug/L	4/20/2022		<20.0
MW-31R	d	Sulfide	18496-25-8	mg/L	4/20/2022		<1.00
MW-31R	d	Total Suspended Solids	TSS	mg/L	4/20/2022		38
MW-30R	d	Total Organic Carbon	TOC	mg/L	4/20/2022		2.97
MW-30R	d	Antimony	7440-36-0	mg/L	4/20/2022		<0.00200
MW-30R	d	Arsenic	7440-38-2	mg/L	4/20/2022		0.015
MW-30R	d	Barium	7440-39-3	mg/L	4/20/2022		0.817
MW-30R	d	Beryllium	7440-41-7	mg/L	4/20/2022		<0.00100
MW-30R	d	Cadmium	7440-43-9	mg/L	4/20/2022		<0.000100
MW-30R	d	Chromium	7440-47-3	mg/L	4/20/2022		<0.00500
MW-30R	d	Cobalt	7440-48-4	mg/L	4/20/2022		0.00875
MW-30R	d	Copper	7440-50-8	mg/L	4/20/2022		<0.00500
MW-30R	d	Lead	7439-92-1	mg/L	4/20/2022		0.000587
MW-30R	d	Nickel	7440-02-0	mg/L	4/20/2022		0.00765
MW-30R	d	Selenium	7782-49-2	mg/L	4/20/2022		<0.00500
MW-30R	d	Silver	7440-22-4	mg/L	4/20/2022		<0.00100
MW-30R	d	Thallium	7440-28-0	mg/L	4/20/2022	J	0.000472
MW-30R	d	Vanadium	7440-62-2	mg/L	4/20/2022	J	0.0021
MW-30R	d	Zinc	7440-66-6	mg/L	4/20/2022		<0.0200
MW-30R	d	Acetone	67-64-1	ug/L	4/20/2022		<10.0
MW-30R	d	Acrylonitrile	107-13-1	ug/L	4/20/2022		<10.0
MW-30R	d	Benzene	71-43-2	ug/L	4/20/2022		0.77
MW-30R	d	Bromochloromethane	74-97-5	ug/L	4/20/2022		<5.00
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	4/20/2022		<1.00
MW-30R	d	Bromoform	75-25-2	ug/L	4/20/2022		<5.00
MW-30R	d	Bromomethane	74-83-9	ug/L	4/20/2022		<4.00
MW-30R	d	2-Butanone	78-93-3	ug/L	4/20/2022		<10.0
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	4/20/2022		<1.00
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	4/20/2022		<2.00
MW-30R	d	Chlorobenzene	108-90-7	ug/L	4/20/2022		<1.00
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	4/20/2022		<5.00
MW-30R	d	Chloroethane	75-00-3	ug/L	4/20/2022		<4.00
MW-30R	d	Chloroform	67-66-3	ug/L	4/20/2022		<3.00
MW-30R	d	Chloromethane	74-87-3	ug/L	4/20/2022		<3.00
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/20/2022		41.3
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/20/2022		<5.00
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/20/2022		<1.20
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/20/2022		<0.340
MW-30R	d	Methylene Bromide	74-95-3	ug/L	4/20/2022		<1.00
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/20/2022		<1.00
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/20/2022		<1.00
MW-30R	d	Dichlorodifluoromethane	75-71-8	ug/L	4/20/2022		<3.00
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	4/20/2022		3.43
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	4/20/2022		<1.00
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	4/20/2022		<2.00
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	4/20/2022	J	0.272
MW-30R	d	Ethylbenzene	100-41-4	ug/L	4/20/2022		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	2-Hexanone	591-78-6	ug/L	4/20/2022		<10.0
MW-30R	d	Iodomethane	74-88-4	ug/L	4/20/2022		<10.0
MW-30R	d	Methylene Chloride	75-09-2	ug/L	4/20/2022		<5.00
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/20/2022		<10.0
MW-30R	d	Styrene	100-42-5	ug/L	4/20/2022		<1.00
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/20/2022		<1.00
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/20/2022		<1.00
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	4/20/2022		<1.00
MW-30R	d	Toluene	108-88-3	ug/L	4/20/2022		<1.00
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/20/2022		<10.0
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/20/2022		1.26
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/20/2022		<5.00
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/20/2022		<1.00
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/20/2022		<1.00
MW-30R	d	Trichloroethene	79-01-6	ug/L	4/20/2022		2.07
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	4/20/2022		<4.00
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/20/2022		<1.00
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	4/20/2022		<10.0
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	4/20/2022		4.45
MW-30R	d	Xylenes, total	1330-20-7	ug/L	4/20/2022		<3.00
MW-30R	d	Di-n-butyl phthalate	84-74-2	ug/L	4/20/2022		<10.4
MW-30R	d	Sulfide	18496-25-8	mg/L	4/20/2022		<1.00
MW-30R	d	Total Suspended Solids	TSS	mg/L	4/20/2022		63
MW-32R	d	Total Organic Carbon	TOC	mg/L	4/20/2022		2.65
MW-32R	d	Sulfide	18496-25-8	mg/L	4/20/2022		<1.00
MW-32R	d	Total Suspended Solids	TSS	mg/L	4/20/2022		60
MW-33R	d	Total Organic Carbon	TOC	mg/L	4/20/2022		1.1
MW-33R	d	Antimony	7440-36-0	mg/L	4/20/2022		<0.00200
MW-33R	d	Arsenic	7440-38-2	mg/L	4/20/2022		0.0113
MW-33R	d	Barium	7440-39-3	mg/L	4/20/2022		0.809
MW-33R	d	Beryllium	7440-41-7	mg/L	4/20/2022		<0.00100
MW-33R	d	Cadmium	7440-43-9	mg/L	4/20/2022		0.000373
MW-33R	d	Chromium	7440-47-3	mg/L	4/20/2022		<0.00500
MW-33R	d	Cobalt	7440-48-4	mg/L	4/20/2022		0.0107
MW-33R	d	Copper	7440-50-8	mg/L	4/20/2022		0.00976
MW-33R	d	Lead	7439-92-1	mg/L	4/20/2022		0.00204
MW-33R	d	Nickel	7440-02-0	mg/L	4/20/2022		0.00651
MW-33R	d	Selenium	7782-49-2	mg/L	4/20/2022		<0.00500
MW-33R	d	Silver	7440-22-4	mg/L	4/20/2022		<0.00100
MW-33R	d	Thallium	7440-28-0	mg/L	4/20/2022		<0.00100
MW-33R	d	Vanadium	7440-62-2	mg/L	4/20/2022	J	0.00193
MW-33R	d	Zinc	7440-66-6	mg/L	4/20/2022		<0.0200
MW-33R	d	Tin	7440-31-5	mg/L	4/20/2022		<0.00500
MW-33R	d	Acetone	67-64-1	ug/L	4/20/2022		<10.0
MW-33R	d	Acrylonitrile	107-13-1	ug/L	4/20/2022		<10.0
MW-33R	d	Benzene	71-43-2	ug/L	4/20/2022		<0.500
MW-33R	d	Bromochloromethane	74-97-5	ug/L	4/20/2022		<5.00
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	4/20/2022		<1.00
MW-33R	d	Bromoform	75-25-2	ug/L	4/20/2022		<5.00
MW-33R	d	Bromomethane	74-83-9	ug/L	4/20/2022		<4.00
MW-33R	d	2-Butanone	78-93-3	ug/L	4/20/2022		<10.0
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	4/20/2022		<1.00
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	4/20/2022		<2.00
MW-33R	d	Chlorobenzene	108-90-7	ug/L	4/20/2022		<1.00
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	4/20/2022		<5.00
MW-33R	d	Chloroethane	75-00-3	ug/L	4/20/2022		<4.00
MW-33R	d	Chloroform	67-66-3	ug/L	4/20/2022		<3.00
MW-33R	d	Chloromethane	74-87-3	ug/L	4/20/2022		<3.00
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/20/2022		<1.00
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/20/2022		<5.00
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/20/2022		<1.20
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/20/2022		<0.340
MW-33R	d	Methylene Bromide	74-95-3	ug/L	4/20/2022		<1.00
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/20/2022		<1.00
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/20/2022		<1.00
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	4/20/2022		<1.00
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	4/20/2022		<1.00
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	4/20/2022		<2.00
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	4/20/2022		<1.00
MW-33R	d	Ethylbenzene	100-41-4	ug/L	4/20/2022		<1.00
MW-33R	d	2-Hexanone	591-78-6	ug/L	4/20/2022		<10.0
MW-33R	d	Iodomethane	74-88-4	ug/L	4/20/2022		<10.0
MW-33R	d	Methylene Chloride	75-09-2	ug/L	4/20/2022		<5.00
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/20/2022		<10.0
MW-33R	d	Styrene	100-42-5	ug/L	4/20/2022		<1.00
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/20/2022		<1.00
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/20/2022		<1.00
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	4/20/2022		<1.00
MW-33R	d	Toluene	108-88-3	ug/L	4/20/2022		<1.00
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/20/2022		<10.0
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/20/2022		<1.00
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/20/2022		<5.00
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/20/2022		<1.00
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/20/2022		<1.00
MW-33R	d	Trichloroethene	79-01-6	ug/L	4/20/2022		<1.00
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	4/20/2022		<4.00
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/20/2022		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	4/20/2022		<10.0
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	4/20/2022		<1.00
MW-33R	d	Xylenes, total	1330-20-7	ug/L	4/20/2022		<3.00
MW-33R	d	Total Suspended Solids	TSS	mg/L	4/20/2022		101
MW-70	d	Total Organic Carbon	TOC	mg/L	4/20/2022		2.09
MW-70	d	Acetone	67-64-1	ug/L	4/20/2022		<10.0
MW-70	d	Acrylonitrile	107-13-1	ug/L	4/20/2022		<10.0
MW-70	d	Benzene	71-43-2	ug/L	4/20/2022		<0.500
MW-70	d	Bromochloromethane	74-97-5	ug/L	4/20/2022		<5.00
MW-70	d	Bromodichloromethane	75-27-4	ug/L	4/20/2022		<1.00
MW-70	d	Bromoform	75-25-2	ug/L	4/20/2022		<5.00
MW-70	d	Bromomethane	74-83-9	ug/L	4/20/2022		<4.00
MW-70	d	2-Butanone	78-93-3	ug/L	4/20/2022		<10.0
MW-70	d	Carbon Disulfide	75-15-0	ug/L	4/20/2022		<1.00
MW-70	d	Carbon Tetrachloride	56-23-5	ug/L	4/20/2022		<2.00
MW-70	d	Chlorobenzene	108-90-7	ug/L	4/20/2022		<1.00
MW-70	d	Chlorodibromomethane	124-48-1	ug/L	4/20/2022		<5.00
MW-70	d	Chloroethane	75-00-3	ug/L	4/20/2022		<4.00
MW-70	d	Chloroform	67-66-3	ug/L	4/20/2022		<3.00
MW-70	d	Chloromethane	74-87-3	ug/L	4/20/2022		<3.00
MW-70	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/20/2022		<1.00
MW-70	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/20/2022		<5.00
MW-70	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/20/2022		<1.20
MW-70	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/20/2022		<0.340
MW-70	d	Methylene Bromide	74-95-3	ug/L	4/20/2022		<1.00
MW-70	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/20/2022		<1.00
MW-70	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/20/2022		<1.00
MW-70	d	1,1-Dichloroethane	75-34-3	ug/L	4/20/2022		<1.00
MW-70	d	1,2-Dichloroethane	107-06-2	ug/L	4/20/2022		<1.00
MW-70	d	1,1-Dichloroethene	75-35-4	ug/L	4/20/2022		<2.00
MW-70	d	1,2-Dichloropropane	78-87-5	ug/L	4/20/2022		<1.00
MW-70	d	Ethylbenzene	100-41-4	ug/L	4/20/2022		<1.00
MW-70	d	2-Hexanone	591-78-6	ug/L	4/20/2022		<10.0
MW-70	d	Iodomethane	74-88-4	ug/L	4/20/2022		<10.0
MW-70	d	Methylene Chloride	75-09-2	ug/L	4/20/2022		<5.00
MW-70	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/20/2022		<10.0
MW-70	d	Styrene	100-42-5	ug/L	4/20/2022		<1.00
MW-70	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/20/2022		<1.00
MW-70	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/20/2022		<1.00
MW-70	d	Tetrachloroethene	127-18-4	ug/L	4/20/2022		<1.00
MW-70	d	Toluene	108-88-3	ug/L	4/20/2022		<1.00
MW-70	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/20/2022		<10.0
MW-70	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/20/2022		<1.00
MW-70	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/20/2022		<5.00
MW-70	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/20/2022		<1.00
MW-70	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/20/2022		<1.00
MW-70	d	Trichloroethene	79-01-6	ug/L	4/20/2022		<1.00
MW-70	d	Trichlorofluoromethane	75-69-4	ug/L	4/20/2022		<4.00
MW-70	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/20/2022		<1.00
MW-70	d	Vinyl Acetate	108-05-4	ug/L	4/20/2022		<10.0
MW-70	d	Vinyl Chloride	75-01-4	ug/L	4/20/2022		<1.00
MW-70	d	Xylenes, total	1330-20-7	ug/L	4/20/2022		<3.00
MW-70	d	Total Suspended Solids	TSS	mg/L	4/20/2022	J	0.875
MW-62	d	Arsenic	7440-38-2	mg/L	4/20/2022	J	0.000809
MW-62	d	Total Suspended Solids	TSS	mg/L	4/20/2022		3
MW-57R	d	Total Organic Carbon	TOC	mg/L	11/14/2022		12
MW-57R	d	Antimony	7440-36-0	mg/L	11/14/2022		<0.00200
MW-57R	d	Arsenic	7440-38-2	mg/L	11/14/2022	J	0.00141
MW-57R	d	Barium	7440-39-3	mg/L	11/14/2022		0.538
MW-57R	d	Beryllium	7440-41-7	mg/L	11/14/2022		<0.00100
MW-57R	d	Cadmium	7440-43-9	mg/L	11/14/2022		0.00199
MW-57R	d	Chromium	7440-47-3	mg/L	11/14/2022		<0.00500
MW-57R	d	Cobalt	7440-48-4	mg/L	11/14/2022		0.0226
MW-57R	d	Copper	7440-50-8	mg/L	11/14/2022	J	0.00303
MW-57R	d	Lead	7439-92-1	mg/L	11/14/2022		<0.000500
MW-57R	d	Nickel	7440-02-0	mg/L	11/14/2022		0.0355
MW-57R	d	Selenium	7782-49-2	mg/L	11/14/2022		<0.00500
MW-57R	d	Silver	7440-22-4	mg/L	11/14/2022		<0.00100
MW-57R	d	Thallium	7440-28-0	mg/L	11/14/2022		<0.00100
MW-57R	d	Vanadium	7440-62-2	mg/L	11/14/2022	J	0.00171
MW-57R	d	Zinc	7440-66-6	mg/L	11/14/2022		<0.0200
MW-57R	d	Tin	7440-31-5	mg/L	11/14/2022		<0.00500
MW-57R	d	Acetone	67-64-1	ug/L	11/14/2022	J	3.24
MW-57R	d	Acrylonitrile	107-13-1	ug/L	11/14/2022		<10.0
MW-57R	d	Benzene	71-43-2	ug/L	11/14/2022		5.69
MW-57R	d	Bromochloromethane	74-97-5	ug/L	11/14/2022		<5.00
MW-57R	d	Bromodichloromethane	75-27-4	ug/L	11/14/2022		<1.00
MW-57R	d	Bromoform	75-25-2	ug/L	11/14/2022		<5.00
MW-57R	d	Bromomethane	74-83-9	ug/L	11/14/2022		<4.00
MW-57R	d	2-Butanone	78-93-3	ug/L	11/14/2022		<10.0
MW-57R	d	Carbon Disulfide	75-15-0	ug/L	11/14/2022		<1.00
MW-57R	d	Carbon Tetrachloride	56-23-5	ug/L	11/14/2022		<2.00
MW-57R	d	Chlorobenzene	108-90-7	ug/L	11/14/2022		<1.00
MW-57R	d	Chlorodibromomethane	124-48-1	ug/L	11/14/2022		<5.00
MW-57R	d	Chloroethane	75-00-3	ug/L	11/14/2022		<4.00
MW-57R	d	Chloroform	67-66-3	ug/L	11/14/2022		<3.00
MW-57R	d	Chloromethane	74-87-3	ug/L	11/14/2022		<3.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/14/2022	J	0.455
MW-57R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/14/2022		<5.00
MW-57R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/14/2022		<1.20
MW-57R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/14/2022		<0.340
MW-57R	d	Methylene Bromide	74-95-3	ug/L	11/14/2022		<1.00
MW-57R	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/14/2022		<1.00
MW-57R	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/14/2022		<1.00
MW-57R	d	1,1-Dichloroethane	75-34-3	ug/L	11/14/2022	J	0.347
MW-57R	d	1,2-Dichloroethane	107-06-2	ug/L	11/14/2022		<1.00
MW-57R	d	1,1-Dichloroethene	75-35-4	ug/L	11/14/2022		<2.00
MW-57R	d	1,2-Dichloropropane	78-87-5	ug/L	11/14/2022		<1.00
MW-57R	d	Ethylbenzene	100-41-4	ug/L	11/14/2022		<1.00
MW-57R	d	2-Hexanone	591-78-6	ug/L	11/14/2022		<10.0
MW-57R	d	Iodomethane	74-88-4	ug/L	11/14/2022		<10.0
MW-57R	d	Methylene Chloride	75-09-2	ug/L	11/14/2022		<5.00
MW-57R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/14/2022		<10.0
MW-57R	d	Styrene	100-42-5	ug/L	11/14/2022		<1.00
MW-57R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/14/2022		<1.00
MW-57R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/14/2022		<1.00
MW-57R	d	Tetrachloroethene	127-18-4	ug/L	11/14/2022		<1.00
MW-57R	d	Toluene	108-88-3	ug/L	11/14/2022		<1.00
MW-57R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/14/2022		<10.0
MW-57R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/14/2022	J	0.69
MW-57R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/14/2022		<5.00
MW-57R	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/14/2022		<1.00
MW-57R	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/14/2022		<1.00
MW-57R	d	Trichloroethene	79-01-6	ug/L	11/14/2022		<1.00
MW-57R	d	Trichlorofluoromethane	75-69-4	ug/L	11/14/2022		<4.00
MW-57R	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/14/2022		<1.00
MW-57R	d	Vinyl Acetate	108-05-4	ug/L	11/14/2022		<10.0
MW-57R	d	Vinyl Chloride	75-01-4	ug/L	11/14/2022	J	0.793
MW-57R	d	Xylenes, total	1330-20-7	ug/L	11/14/2022		<3.00
MW-57R	d	Total Suspended Solids	TSS	mg/L	11/14/2022		6
MW-73	d	Total Organic Carbon	TOC	mg/L	11/30/2022		4.48
MW-73	d	Antimony	7440-36-0	mg/L	11/30/2022		<0.00200
MW-73	d	Arsenic	7440-38-2	mg/L	11/30/2022		0.00713
MW-73	d	Barium	7440-39-3	mg/L	11/30/2022		0.294
MW-73	d	Beryllium	7440-41-7	mg/L	11/30/2022		<0.00100
MW-73	d	Cadmium	7440-43-9	mg/L	11/30/2022		0.000375
MW-73	d	Chromium	7440-47-3	mg/L	11/30/2022		<0.00500
MW-73	d	Cobalt	7440-48-4	mg/L	11/30/2022		0.00356
MW-73	d	Copper	7440-50-8	mg/L	11/30/2022		0.00569
MW-73	d	Lead	7439-92-1	mg/L	11/30/2022		0.00158
MW-73	d	Nickel	7440-02-0	mg/L	11/30/2022		0.0177
MW-73	d	Selenium	7782-49-2	mg/L	11/30/2022		<0.00500
MW-73	d	Silver	7440-22-4	mg/L	11/30/2022		<0.00100
MW-73	d	Thallium	7440-28-0	mg/L	11/30/2022		<0.00100
MW-73	d	Vanadium	7440-62-2	mg/L	11/30/2022	J	0.00234
MW-73	d	Zinc	7440-66-6	mg/L	11/30/2022	J	0.0126
MW-73	d	Acetone	67-64-1	ug/L	11/30/2022		<10.0
MW-73	d	Acrylonitrile	107-13-1	ug/L	11/30/2022		<10.0
MW-73	d	Benzene	71-43-2	ug/L	11/30/2022		<0.500
MW-73	d	Bromochloromethane	74-97-5	ug/L	11/30/2022		<5.00
MW-73	d	Bromodichloromethane	75-27-4	ug/L	11/30/2022		<1.00
MW-73	d	Bromoform	75-25-2	ug/L	11/30/2022		<5.00
MW-73	d	Bromomethane	74-83-9	ug/L	11/30/2022		<4.00
MW-73	d	2-Butanone	78-93-3	ug/L	11/30/2022		<10.0
MW-73	d	Carbon Disulfide	75-15-0	ug/L	11/30/2022		<1.00
MW-73	d	Carbon Tetrachloride	56-23-5	ug/L	11/30/2022		<2.00
MW-73	d	Chlorobenzene	108-90-7	ug/L	11/30/2022		<1.00
MW-73	d	Chlorodibromomethane	124-48-1	ug/L	11/30/2022		<5.00
MW-73	d	Chloroethane	75-00-3	ug/L	11/30/2022		<4.00
MW-73	d	Chloroform	67-66-3	ug/L	11/30/2022		<3.00
MW-73	d	Chloromethane	74-87-3	ug/L	11/30/2022		<3.00
MW-73	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/30/2022		<1.00
MW-73	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/30/2022		<5.00
MW-73	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/30/2022		<1.20
MW-73	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/30/2022		<0.340
MW-73	d	Methylene Bromide	74-95-3	ug/L	11/30/2022		<1.00
MW-73	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/30/2022		<1.00
MW-73	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/30/2022		<1.00
MW-73	d	1,1-Dichloroethane	75-34-3	ug/L	11/30/2022		<1.00
MW-73	d	1,2-Dichloroethane	107-06-2	ug/L	11/30/2022		<1.00
MW-73	d	1,1-Dichloroethene	75-35-4	ug/L	11/30/2022		<2.00
MW-73	d	1,2-Dichloropropane	78-87-5	ug/L	11/30/2022		<1.00
MW-73	d	Ethylbenzene	100-41-4	ug/L	11/30/2022		<1.00
MW-73	d	2-Hexanone	591-78-6	ug/L	11/30/2022		<10.0
MW-73	d	Iodomethane	74-88-4	ug/L	11/30/2022		<10.0
MW-73	d	Methylene Chloride	75-09-2	ug/L	11/30/2022		<5.00
MW-73	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/30/2022		<10.0
MW-73	d	Styrene	100-42-5	ug/L	11/30/2022		<1.00
MW-73	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/30/2022		<1.00
MW-73	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/30/2022		<1.00
MW-73	d	Tetrachloroethene	127-18-4	ug/L	11/30/2022		<1.00
MW-73	d	Toluene	108-88-3	ug/L	11/30/2022		<1.00
MW-73	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/30/2022		<10.0
MW-73	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/30/2022		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-73	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/30/2022		<5.00
MW-73	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/30/2022		<1.00
MW-73	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/30/2022		<1.00
MW-73	d	Trichloroethene	79-01-6	ug/L	11/30/2022		<1.00
MW-73	d	Trichlorofluoromethane	75-69-4	ug/L	11/30/2022		<4.00
MW-73	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/30/2022		<1.00
MW-73	d	Vinyl Acetate	108-05-4	ug/L	11/30/2022		<10.0
MW-73	d	Vinyl Chloride	75-01-4	ug/L	11/30/2022		<1.00
MW-73	d	Xylenes, total	1330-20-7	ug/L	11/30/2022		<3.00
MW-73	d	Total Suspended Solids	TSS	mg/L	11/30/2022		72.5
MW-57R	d	Total Organic Carbon	TOC	mg/L	3/23/2023		11.1
MW-57R	d	Antimony	7440-36-0	mg/L	3/23/2023		<0.00200
MW-57R	d	Arsenic	7440-38-2	mg/L	3/23/2023		0.00587
MW-57R	d	Barium	7440-39-3	mg/L	3/23/2023		0.392
MW-57R	d	Beryllium	7440-41-7	mg/L	3/23/2023		<0.00100
MW-57R	d	Cadmium	7440-43-9	mg/L	3/23/2023		0.00125
MW-57R	d	Chromium	7440-47-3	mg/L	3/23/2023		<0.00500
MW-57R	d	Cobalt	7440-48-4	mg/L	3/23/2023		0.0186
MW-57R	d	Copper	7440-50-8	mg/L	3/23/2023	J	0.00417
MW-57R	d	Lead	7439-92-1	mg/L	3/23/2023	J	0.000307
MW-57R	d	Nickel	7440-02-0	mg/L	3/23/2023		0.0275
MW-57R	d	Selenium	7782-49-2	mg/L	3/23/2023		<0.00500
MW-57R	d	Silver	7440-22-4	mg/L	3/23/2023		<0.00100
MW-57R	d	Thallium	7440-28-0	mg/L	3/23/2023		<0.00100
MW-57R	d	Vanadium	7440-62-2	mg/L	3/23/2023	J	0.00208
MW-57R	d	Zinc	7440-66-6	mg/L	3/23/2023		<0.0200
MW-57R	d	Acetone	67-64-1	ug/L	3/23/2023		<10.0
MW-57R	d	Acrylonitrile	107-13-1	ug/L	3/23/2023		<10.0
MW-57R	d	Benzene	71-43-2	ug/L	3/23/2023		3.63
MW-57R	d	Bromochloromethane	74-97-5	ug/L	3/23/2023		<5.00
MW-57R	d	Bromodichloromethane	75-27-4	ug/L	3/23/2023		<1.00
MW-57R	d	Bromoform	75-25-2	ug/L	3/23/2023		<5.00
MW-57R	d	Bromomethane	74-83-9	ug/L	3/23/2023		<4.00
MW-57R	d	2-Butanone	78-93-3	ug/L	3/23/2023		<10.0
MW-57R	d	Carbon Disulfide	75-15-0	ug/L	3/23/2023		<1.00
MW-57R	d	Carbon Tetrachloride	56-23-5	ug/L	3/23/2023		<2.00
MW-57R	d	Chlorobenzene	108-90-7	ug/L	3/23/2023		<1.00
MW-57R	d	Chlorodibromomethane	124-48-1	ug/L	3/23/2023		<5.00
MW-57R	d	Chloroethane	75-00-3	ug/L	3/23/2023		<4.00
MW-57R	d	Chloroform	67-66-3	ug/L	3/23/2023		<3.00
MW-57R	d	Chloromethane	74-87-3	ug/L	3/23/2023		<3.00
MW-57R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/23/2023	J	0.65
MW-57R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/23/2023		<5.00
MW-57R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/23/2023		<1.20
MW-57R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/23/2023		<0.340
MW-57R	d	Methylene Bromide	74-95-3	ug/L	3/23/2023		<1.00
MW-57R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/23/2023		<1.00
MW-57R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/23/2023		<1.00
MW-57R	d	1,1-Dichloroethane	75-34-3	ug/L	3/23/2023	J	0.244
MW-57R	d	1,2-Dichloroethane	107-06-2	ug/L	3/23/2023		<1.00
MW-57R	d	1,1-Dichloroethene	75-35-4	ug/L	3/23/2023		<2.00
MW-57R	d	1,2-Dichloropropane	78-87-5	ug/L	3/23/2023		<1.00
MW-57R	d	Ethylbenzene	100-41-4	ug/L	3/23/2023		<1.00
MW-57R	d	2-Hexanone	591-78-6	ug/L	3/23/2023		<10.0
MW-57R	d	Iodomethane	74-88-4	ug/L	3/23/2023		<10.0
MW-57R	d	Methylene Chloride	75-09-2	ug/L	3/23/2023		<5.00
MW-57R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/23/2023		<10.0
MW-57R	d	Styrene	100-42-5	ug/L	3/23/2023		<1.00
MW-57R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/23/2023		<1.00
MW-57R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/23/2023		<1.00
MW-57R	d	Tetrachloroethene	127-18-4	ug/L	3/23/2023		<1.00
MW-57R	d	Toluene	108-88-3	ug/L	3/23/2023		<1.00
MW-57R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/23/2023		<10.0
MW-57R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/23/2023	J	0.434
MW-57R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/23/2023		<5.00
MW-57R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/23/2023		<1.00
MW-57R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/23/2023		<1.00
MW-57R	d	Trichloroethene	79-01-6	ug/L	3/23/2023	J	0.481
MW-57R	d	Trichlorofluoromethane	75-69-4	ug/L	3/23/2023		<4.00
MW-57R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/23/2023		<1.00
MW-57R	d	Vinyl Acetate	108-05-4	ug/L	3/23/2023		<10.0
MW-57R	d	Vinyl Chloride	75-01-4	ug/L	3/23/2023	J	0.504
MW-57R	d	Xylenes, total	1330-20-7	ug/L	3/23/2023		<3.00
MW-57R	d	Total Suspended Solids	TSS	mg/L	3/23/2023		40.4
MW-73	d	Antimony	7440-36-0	mg/L	4/17/2023		<0.00200
MW-73	d	Arsenic	7440-38-2	mg/L	4/17/2023		0.00666
MW-73	d	Barium	7440-39-3	mg/L	4/17/2023		0.238
MW-73	d	Beryllium	7440-41-7	mg/L	4/17/2023		<0.00100
MW-73	d	Cadmium	7440-43-9	mg/L	4/17/2023	J	0.000191
MW-73	d	Chromium	7440-47-3	mg/L	4/17/2023		<0.00500
MW-73	d	Cobalt	7440-48-4	mg/L	4/17/2023		0.00247
MW-73	d	Copper	7440-50-8	mg/L	4/17/2023	J	0.00449
MW-73	d	Lead	7439-92-1	mg/L	4/17/2023		0.000575
MW-73	d	Nickel	7440-02-0	mg/L	4/17/2023		0.0124
MW-73	d	Selenium	7782-49-2	mg/L	4/17/2023		<0.00500
MW-73	d	Silver	7440-22-4	mg/L	4/17/2023		<0.00100
MW-73	d	Thallium	7440-28-0	mg/L	4/17/2023		0.00116

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-73	d	Vanadium	7440-62-2	mg/L	4/17/2023	J	0.00132
MW-73	d	Zinc	7440-66-6	mg/L	4/17/2023	J	0.00855
MW-73	d	Acetone	67-64-1	ug/L	4/17/2023		<10.0
MW-73	d	Acrylonitrile	107-13-1	ug/L	4/17/2023		<10.0
MW-73	d	Benzene	71-43-2	ug/L	4/17/2023		<0.500
MW-73	d	Bromochloromethane	74-97-5	ug/L	4/17/2023		<5.00
MW-73	d	Bromodichloromethane	75-27-4	ug/L	4/17/2023		<1.00
MW-73	d	Bromoform	75-25-2	ug/L	4/17/2023		<5.00
MW-73	d	Bromomethane	74-83-9	ug/L	4/17/2023		<4.00
MW-73	d	2-Butanone	78-93-3	ug/L	4/17/2023		<10.0
MW-73	d	Carbon Disulfide	75-15-0	ug/L	4/17/2023		<1.00
MW-73	d	Carbon Tetrachloride	56-23-5	ug/L	4/17/2023		<2.00
MW-73	d	Chlorobenzene	108-90-7	ug/L	4/17/2023		<1.00
MW-73	d	Chlorodibromomethane	124-48-1	ug/L	4/17/2023		<5.00
MW-73	d	Chloroethane	75-00-3	ug/L	4/17/2023		<4.00
MW-73	d	Chloroform	67-66-3	ug/L	4/17/2023		<3.00
MW-73	d	Chloromethane	74-87-3	ug/L	4/17/2023		<3.00
MW-73	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/17/2023		<1.00
MW-73	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/17/2023		<5.00
MW-73	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/17/2023		<1.20
MW-73	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/17/2023		<0.340
MW-73	d	Methylene Bromide	74-95-3	ug/L	4/17/2023		<1.00
MW-73	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/17/2023		<1.00
MW-73	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/17/2023		<1.00
MW-73	d	1,1-Dichloroethane	75-34-3	ug/L	4/17/2023		<1.00
MW-73	d	1,2-Dichloroethane	107-06-2	ug/L	4/17/2023		<1.00
MW-73	d	1,1-Dichloroethene	75-35-4	ug/L	4/17/2023		<2.00
MW-73	d	1,2-Dichloropropane	78-87-5	ug/L	4/17/2023		<1.00
MW-73	d	Ethylbenzene	100-41-4	ug/L	4/17/2023		<1.00
MW-73	d	2-Hexanone	591-78-6	ug/L	4/17/2023		<10.0
MW-73	d	Iodomethane	74-88-4	ug/L	4/17/2023		<10.0
MW-73	d	Methylene Chloride	75-09-2	ug/L	4/17/2023		<5.00
MW-73	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/17/2023		<10.0
MW-73	d	Styrene	100-42-5	ug/L	4/17/2023		<1.00
MW-73	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/17/2023		<1.00
MW-73	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/17/2023		<1.00
MW-73	d	Tetrachloroethene	127-18-4	ug/L	4/17/2023		<1.00
MW-73	d	Toluene	108-88-3	ug/L	4/17/2023		<1.00
MW-73	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/17/2023		<10.0
MW-73	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/17/2023		<1.00
MW-73	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/17/2023		<5.00
MW-73	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/17/2023		<1.00
MW-73	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/17/2023		<1.00
MW-73	d	Trichloroethene	79-01-6	ug/L	4/17/2023		<1.00
MW-73	d	Trichlorofluoromethane	75-69-4	ug/L	4/17/2023		<4.00
MW-73	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/17/2023		<1.00
MW-73	d	Vinyl Acetate	108-05-4	ug/L	4/17/2023		<10.0
MW-73	d	Vinyl Chloride	75-01-4	ug/L	4/17/2023	J	0.288
MW-73	d	Xylenes, total	1330-20-7	ug/L	4/17/2023		<3.00
MW-73	d	Total Suspended Solids	TSS	mg/L	4/17/2023		26
MW-73	d	Total Organic Carbon	TOC	mg/L	4/17/2023		6.12
MW-50	d	Antimony	7440-36-0	mg/L	9/19/2023	*+	<0.00200
MW-50	d	Arsenic	7440-38-2	mg/L	9/19/2023	J	0.000834
MW-50	d	Barium	7440-39-3	mg/L	9/19/2023		0.0487
MW-50	d	Beryllium	7440-41-7	mg/L	9/19/2023		<0.00100
MW-50	d	Cadmium	7440-43-9	mg/L	9/19/2023		<0.000200
MW-50	d	Chromium	7440-47-3	mg/L	9/19/2023	J	0.00201
MW-50	d	Cobalt	7440-48-4	mg/L	9/19/2023		0.000698
MW-50	d	Copper	7440-50-8	mg/L	9/19/2023		<0.00500
MW-50	d	Lead	7439-92-1	mg/L	9/19/2023		0.0016
MW-50	d	Nickel	7440-02-0	mg/L	9/19/2023		<0.00500
MW-50	d	Selenium	7782-49-2	mg/L	9/19/2023	J	0.00187
MW-50	d	Silver	7440-22-4	mg/L	9/19/2023		<0.00100
MW-50	d	Thallium	7440-28-0	mg/L	9/19/2023		0.0018
MW-50	d	Vanadium	7440-62-2	mg/L	9/19/2023	J	0.00318
MW-50	d	Zinc	7440-66-6	mg/L	9/19/2023		<0.0200
MW-50	d	Tin	7440-31-5	mg/L	9/19/2023		<0.00500
MW-50	d	Acetone	67-64-1	ug/L	9/19/2023		<10.0
MW-50	d	Acrylonitrile	107-13-1	ug/L	9/19/2023		<5.00
MW-50	d	Benzene	71-43-2	ug/L	9/19/2023		<0.500
MW-50	d	Bromochloromethane	74-97-5	ug/L	9/19/2023		<5.00
MW-50	d	Bromodichloromethane	75-27-4	ug/L	9/19/2023		<1.00
MW-50	d	Bromoform	75-25-2	ug/L	9/19/2023		<5.00
MW-50	d	Bromomethane	74-83-9	ug/L	9/19/2023		<4.00
MW-50	d	2-Butanone	78-93-3	ug/L	9/19/2023		<10.0
MW-50	d	Carbon Disulfide	75-15-0	ug/L	9/19/2023		<1.00
MW-50	d	Carbon Tetrachloride	56-23-5	ug/L	9/19/2023		<2.00
MW-50	d	Chlorobenzene	108-90-7	ug/L	9/19/2023		<1.00
MW-50	d	Chlorodibromomethane	124-48-1	ug/L	9/19/2023		<5.00
MW-50	d	Chloroethane	75-00-3	ug/L	9/19/2023		<4.00
MW-50	d	Chloroform	67-66-3	ug/L	9/19/2023		<3.00
MW-50	d	Chloromethane	74-87-3	ug/L	9/19/2023		<3.00
MW-50	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/19/2023		<1.00
MW-50	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/19/2023		<5.00
MW-50	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/19/2023		<5.00
MW-50	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/19/2023		<1.00
MW-50	d	Methylene Bromide	74-95-3	ug/L	9/19/2023		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-50	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/19/2023		<1.00
MW-50	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/19/2023		<1.00
MW-50	d	1,1-Dichloroethane	75-34-3	ug/L	9/19/2023		<1.00
MW-50	d	1,2-Dichloroethane	107-06-2	ug/L	9/19/2023		<1.00
MW-50	d	1,1-Dichloroethene	75-35-4	ug/L	9/19/2023		<2.00
MW-50	d	1,2-Dichloropropane	78-87-5	ug/L	9/19/2023		<1.00
MW-50	d	Ethylbenzene	100-41-4	ug/L	9/19/2023		<1.00
MW-50	d	2-Hexanone	591-78-6	ug/L	9/19/2023		<10.0
MW-50	d	Iodomethane	74-88-4	ug/L	9/19/2023		<10.0
MW-50	d	Methylene Chloride	75-09-2	ug/L	9/19/2023		<5.00
MW-50	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/19/2023		<10.0
MW-50	d	Styrene	100-42-5	ug/L	9/19/2023		<1.00
MW-50	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/19/2023		<1.00
MW-50	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/19/2023		<1.00
MW-50	d	Tetrachloroethene	127-18-4	ug/L	9/19/2023		<1.00
MW-50	d	Toluene	108-88-3	ug/L	9/19/2023		<1.00
MW-50	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/19/2023		<10.0
MW-50	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/19/2023		<1.00
MW-50	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/19/2023		<5.00
MW-50	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/19/2023		<1.00
MW-50	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/19/2023		<1.00
MW-50	d	Trichloroethene	79-01-6	ug/L	9/19/2023		<1.00
MW-50	d	Trichlorofluoromethane	75-69-4	ug/L	9/19/2023		<4.00
MW-50	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/19/2023		<1.00
MW-50	d	Vinyl Acetate	108-05-4	ug/L	9/19/2023		<10.0
MW-50	d	Vinyl Chloride	75-01-4	ug/L	9/19/2023		<1.00
MW-50	d	Xylenes, total	1330-20-7	ug/L	9/19/2023		<3.00
MW-50	d	Total Suspended Solids	TSS	mg/L	9/19/2023		183
MW-51	d	Antimony	7440-36-0	mg/L	9/19/2023	*+	<0.00200
MW-51	d	Arsenic	7440-38-2	mg/L	9/19/2023		<0.00200
MW-51	d	Barium	7440-39-3	mg/L	9/19/2023		0.32
MW-51	d	Beryllium	7440-41-7	mg/L	9/19/2023		<0.00100
MW-51	d	Cadmium	7440-43-9	mg/L	9/19/2023	J	0.000111
MW-51	d	Chromium	7440-47-3	mg/L	9/19/2023		<0.00500
MW-51	d	Cobalt	7440-48-4	mg/L	9/19/2023		0.000524
MW-51	d	Copper	7440-50-8	mg/L	9/19/2023		<0.00500
MW-51	d	Lead	7439-92-1	mg/L	9/19/2023		<0.000500
MW-51	d	Nickel	7440-02-0	mg/L	9/19/2023	J	0.00343
MW-51	d	Selenium	7782-49-2	mg/L	9/19/2023		<0.00500
MW-51	d	Silver	7440-22-4	mg/L	9/19/2023		<0.00100
MW-51	d	Thallium	7440-28-0	mg/L	9/19/2023		<0.00100
MW-51	d	Vanadium	7440-62-2	mg/L	9/19/2023		<0.00500
MW-51	d	Zinc	7440-66-6	mg/L	9/19/2023		<0.0200
MW-51	d	Tin	7440-31-5	mg/L	9/19/2023		<0.00500
MW-51	d	Acetone	67-64-1	ug/L	9/19/2023		<10.0
MW-51	d	Acrylonitrile	107-13-1	ug/L	9/19/2023		<5.00
MW-51	d	Benzene	71-43-2	ug/L	9/19/2023		<0.500
MW-51	d	Bromochloromethane	74-97-5	ug/L	9/19/2023		<5.00
MW-51	d	Bromodichloromethane	75-27-4	ug/L	9/19/2023		<1.00
MW-51	d	Bromoform	75-25-2	ug/L	9/19/2023		<5.00
MW-51	d	Bromomethane	74-83-9	ug/L	9/19/2023		<4.00
MW-51	d	2-Butanone	78-93-3	ug/L	9/19/2023		<10.0
MW-51	d	Carbon Disulfide	75-15-0	ug/L	9/19/2023		<1.00
MW-51	d	Carbon Tetrachloride	56-23-5	ug/L	9/19/2023		<2.00
MW-51	d	Chlorobenzene	108-90-7	ug/L	9/19/2023		3.69
MW-51	d	Chlorodibromomethane	124-48-1	ug/L	9/19/2023		<5.00
MW-51	d	Chloroethane	75-00-3	ug/L	9/19/2023		<4.00
MW-51	d	Chloroform	67-66-3	ug/L	9/19/2023		<3.00
MW-51	d	Chloromethane	74-87-3	ug/L	9/19/2023		<3.00
MW-51	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/19/2023		7.73
MW-51	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/19/2023		<5.00
MW-51	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/19/2023		<5.00
MW-51	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/19/2023		<1.00
MW-51	d	Methylene Bromide	74-95-3	ug/L	9/19/2023		<1.00
MW-51	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/19/2023		<1.00
MW-51	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/19/2023		<1.00
MW-51	d	1,1-Dichloroethane	75-34-3	ug/L	9/19/2023		<1.00
MW-51	d	1,2-Dichloroethane	107-06-2	ug/L	9/19/2023		<1.00
MW-51	d	1,1-Dichloroethene	75-35-4	ug/L	9/19/2023		<2.00
MW-51	d	1,2-Dichloropropane	78-87-5	ug/L	9/19/2023		<1.00
MW-51	d	Ethylbenzene	100-41-4	ug/L	9/19/2023		<1.00
MW-51	d	2-Hexanone	591-78-6	ug/L	9/19/2023		<10.0
MW-51	d	Iodomethane	74-88-4	ug/L	9/19/2023		<10.0
MW-51	d	Methylene Chloride	75-09-2	ug/L	9/19/2023		<5.00
MW-51	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/19/2023		<10.0
MW-51	d	Styrene	100-42-5	ug/L	9/19/2023		<1.00
MW-51	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/19/2023		<1.00
MW-51	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/19/2023		<1.00
MW-51	d	Tetrachloroethene	127-18-4	ug/L	9/19/2023		<1.00
MW-51	d	Toluene	108-88-3	ug/L	9/19/2023		<1.00
MW-51	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/19/2023		<10.0
MW-51	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/19/2023		<1.00
MW-51	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/19/2023		<5.00
MW-51	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/19/2023		<1.00
MW-51	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/19/2023		<1.00
MW-51	d	Trichloroethene	79-01-6	ug/L	9/19/2023		<1.00
MW-51	d	Trichlorofluoromethane	75-69-4	ug/L	9/19/2023		<4.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-51	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/19/2023		<1.00
MW-51	d	Vinyl Acetate	108-05-4	ug/L	9/19/2023		<10.0
MW-51	d	Vinyl Chloride	75-01-4	ug/L	9/19/2023		<1.00
MW-51	d	Xylenes, total	1330-20-7	ug/L	9/19/2023		<3.00
MW-51	d	Total Suspended Solids	TSS	mg/L	9/19/2023		8.25
MW-52	d	Antimony	7440-36-0	mg/L	9/19/2023	*+	<0.00800
MW-52	d	Arsenic	7440-38-2	mg/L	9/19/2023		0.0787
MW-52	d	Barium	7440-39-3	mg/L	9/19/2023		2.42
MW-52	d	Beryllium	7440-41-7	mg/L	9/19/2023		<0.00400
MW-52	d	Cadmium	7440-43-9	mg/L	9/19/2023		<0.000200
MW-52	d	Chromium	7440-47-3	mg/L	9/19/2023		<0.00500
MW-52	d	Cobalt	7440-48-4	mg/L	9/19/2023		0.0106
MW-52	d	Copper	7440-50-8	mg/L	9/19/2023		<0.00500
MW-52	d	Lead	7439-92-1	mg/L	9/19/2023		<0.000500
MW-52	d	Nickel	7440-02-0	mg/L	9/19/2023		<0.0200
MW-52	d	Selenium	7782-49-2	mg/L	9/19/2023		<0.00500
MW-52	d	Silver	7440-22-4	mg/L	9/19/2023		<0.00100
MW-52	d	Thallium	7440-28-0	mg/L	9/19/2023		<0.00100
MW-52	d	Vanadium	7440-62-2	mg/L	9/19/2023		<0.00500
MW-52	d	Zinc	7440-66-6	mg/L	9/19/2023		<0.0200
MW-52	d	Tin	7440-31-5	mg/L	9/19/2023		<0.00500
MW-52	d	Acetone	67-64-1	ug/L	9/19/2023		<10.0
MW-52	d	Acrylonitrile	107-13-1	ug/L	9/19/2023		<5.00
MW-52	d	Benzene	71-43-2	ug/L	9/19/2023		<0.500
MW-52	d	Bromochloromethane	74-97-5	ug/L	9/19/2023		<5.00
MW-52	d	Bromodichloromethane	75-27-4	ug/L	9/19/2023		<1.00
MW-52	d	Bromoform	75-25-2	ug/L	9/19/2023		<5.00
MW-52	d	Bromomethane	74-83-9	ug/L	9/19/2023		<4.00
MW-52	d	2-Butanone	78-93-3	ug/L	9/19/2023		<10.0
MW-52	d	Carbon Disulfide	75-15-0	ug/L	9/19/2023		<1.00
MW-52	d	Carbon Tetrachloride	56-23-5	ug/L	9/19/2023		<2.00
MW-52	d	Chlorobenzene	108-90-7	ug/L	9/19/2023		<1.00
MW-52	d	Chlorodibromomethane	124-48-1	ug/L	9/19/2023		<5.00
MW-52	d	Chloroethane	75-00-3	ug/L	9/19/2023		<4.00
MW-52	d	Chloroform	67-66-3	ug/L	9/19/2023		<3.00
MW-52	d	Chloromethane	74-87-3	ug/L	9/19/2023		<3.00
MW-52	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/19/2023		<1.00
MW-52	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/19/2023		<5.00
MW-52	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/19/2023		<5.00
MW-52	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/19/2023		<1.00
MW-52	d	Methylene Bromide	74-95-3	ug/L	9/19/2023		<1.00
MW-52	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/19/2023		<1.00
MW-52	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/19/2023		<1.00
MW-52	d	1,1-Dichloroethane	75-34-3	ug/L	9/19/2023		<1.00
MW-52	d	1,2-Dichloroethane	107-06-2	ug/L	9/19/2023		<1.00
MW-52	d	1,1-Dichloroethene	75-35-4	ug/L	9/19/2023		<2.00
MW-52	d	1,2-Dichloropropane	78-87-5	ug/L	9/19/2023		<1.00
MW-52	d	Ethylbenzene	100-41-4	ug/L	9/19/2023		<1.00
MW-52	d	2-Hexanone	591-78-6	ug/L	9/19/2023		<10.0
MW-52	d	Iodomethane	74-88-4	ug/L	9/19/2023		<10.0
MW-52	d	Methylene Chloride	75-09-2	ug/L	9/19/2023		<5.00
MW-52	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/19/2023		<10.0
MW-52	d	Styrene	100-42-5	ug/L	9/19/2023		<1.00
MW-52	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/19/2023		<1.00
MW-52	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/19/2023		<1.00
MW-52	d	Tetrachloroethene	127-18-4	ug/L	9/19/2023		<1.00
MW-52	d	Toluene	108-88-3	ug/L	9/19/2023		<1.00
MW-52	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/19/2023		<10.0
MW-52	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/19/2023		<1.00
MW-52	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/19/2023		<5.00
MW-52	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/19/2023		<1.00
MW-52	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/19/2023		<1.00
MW-52	d	Trichloroethene	79-01-6	ug/L	9/19/2023		<1.00
MW-52	d	Trichlorofluoromethane	75-69-4	ug/L	9/19/2023		<4.00
MW-52	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/19/2023		<1.00
MW-52	d	Vinyl Acetate	108-05-4	ug/L	9/19/2023		<10.0
MW-52	d	Vinyl Chloride	75-01-4	ug/L	9/19/2023		<1.00
MW-52	d	Xylenes, total	1330-20-7	ug/L	9/19/2023		<3.00
MW-52	d	Total Suspended Solids	TSS	mg/L	9/19/2023		123
MW-52	d	Total Organic Carbon	TOC	mg/L	9/19/2023		2.64
MW-53	d	Antimony	7440-36-0	mg/L	9/19/2023	*+	<0.00800
MW-53	d	Arsenic	7440-38-2	mg/L	9/19/2023		<0.00200
MW-53	d	Barium	7440-39-3	mg/L	9/19/2023		1.95
MW-53	d	Beryllium	7440-41-7	mg/L	9/19/2023		<0.00400
MW-53	d	Cadmium	7440-43-9	mg/L	9/19/2023		<0.000200
MW-53	d	Chromium	7440-47-3	mg/L	9/19/2023		<0.00500
MW-53	d	Cobalt	7440-48-4	mg/L	9/19/2023		<0.000500
MW-53	d	Copper	7440-50-8	mg/L	9/19/2023		<0.00500
MW-53	d	Lead	7439-92-1	mg/L	9/19/2023		<0.000500
MW-53	d	Nickel	7440-02-0	mg/L	9/19/2023		<0.0200
MW-53	d	Selenium	7782-49-2	mg/L	9/19/2023		<0.00500
MW-53	d	Silver	7440-22-4	mg/L	9/19/2023		<0.00100
MW-53	d	Thallium	7440-28-0	mg/L	9/19/2023		<0.00100
MW-53	d	Vanadium	7440-62-2	mg/L	9/19/2023		<0.00500
MW-53	d	Zinc	7440-66-6	mg/L	9/19/2023		<0.0200
MW-53	d	Tin	7440-31-5	mg/L	9/19/2023		<0.00500
MW-53	d	Acetone	67-64-1	ug/L	9/19/2023		<10.0

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-53	d	Acrylonitrile	107-13-1	ug/L	9/19/2023		<5.00
MW-53	d	Benzene	71-43-2	ug/L	9/19/2023		8.31
MW-53	d	Bromochloromethane	74-97-5	ug/L	9/19/2023		<5.00
MW-53	d	Bromodichloromethane	75-27-4	ug/L	9/19/2023		<1.00
MW-53	d	Bromoform	75-25-2	ug/L	9/19/2023		<5.00
MW-53	d	Bromomethane	74-83-9	ug/L	9/19/2023		<4.00
MW-53	d	2-Butanone	78-93-3	ug/L	9/19/2023		<10.0
MW-53	d	Carbon Disulfide	75-15-0	ug/L	9/19/2023		<1.00
MW-53	d	Carbon Tetrachloride	56-23-5	ug/L	9/19/2023		<2.00
MW-53	d	Chlorobenzene	108-90-7	ug/L	9/19/2023		9.32
MW-53	d	Chlorodibromomethane	124-48-1	ug/L	9/19/2023		<5.00
MW-53	d	Chloroethane	75-00-3	ug/L	9/19/2023		<4.00
MW-53	d	Chloroform	67-66-3	ug/L	9/19/2023		<3.00
MW-53	d	Chloromethane	74-87-3	ug/L	9/19/2023		<3.00
MW-53	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/19/2023		<1.00
MW-53	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/19/2023		<5.00
MW-53	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/19/2023		<5.00
MW-53	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/19/2023		<1.00
MW-53	d	Methylene Bromide	74-95-3	ug/L	9/19/2023		<1.00
MW-53	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/19/2023		<1.00
MW-53	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/19/2023		2.43
MW-53	d	1,1-Dichloroethane	75-34-3	ug/L	9/19/2023		<1.00
MW-53	d	1,2-Dichloroethane	107-06-2	ug/L	9/19/2023		<1.00
MW-53	d	1,1-Dichloroethene	75-35-4	ug/L	9/19/2023		<2.00
MW-53	d	1,2-Dichloropropane	78-87-5	ug/L	9/19/2023		<1.00
MW-53	d	Ethylbenzene	100-41-4	ug/L	9/19/2023		4.4
MW-53	d	2-Hexanone	591-78-6	ug/L	9/19/2023		<10.0
MW-53	d	Iodomethane	74-88-4	ug/L	9/19/2023		<10.0
MW-53	d	Methylene Chloride	75-09-2	ug/L	9/19/2023		<5.00
MW-53	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/19/2023		<10.0
MW-53	d	Styrene	100-42-5	ug/L	9/19/2023		<1.00
MW-53	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/19/2023		<1.00
MW-53	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/19/2023		<1.00
MW-53	d	Tetrachloroethene	127-18-4	ug/L	9/19/2023		<1.00
MW-53	d	Toluene	108-88-3	ug/L	9/19/2023		1.13
MW-53	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/19/2023		<10.0
MW-53	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/19/2023		<1.00
MW-53	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/19/2023		<5.00
MW-53	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/19/2023		<1.00
MW-53	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/19/2023		<1.00
MW-53	d	Trichloroethene	79-01-6	ug/L	9/19/2023		<1.00
MW-53	d	Trichlorofluoromethane	75-69-4	ug/L	9/19/2023		<4.00
MW-53	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/19/2023		<1.00
MW-53	d	Vinyl Acetate	108-05-4	ug/L	9/19/2023		<10.0
MW-53	d	Vinyl Chloride	75-01-4	ug/L	9/19/2023		<1.00
MW-53	d	Xylenes, total	1330-20-7	ug/L	9/19/2023		24.6
MW-53	d	Total Suspended Solids	TSS	mg/L	9/19/2023		16.8
MW-53	d	Total Organic Carbon	TOC	mg/L	9/19/2023		7.34
MW-56	d	Antimony	7440-36-0	mg/L	9/19/2023	*+	<0.00200
MW-56	d	Arsenic	7440-38-2	mg/L	9/19/2023		0.0558
MW-56	d	Barium	7440-39-3	mg/L	9/19/2023		0.999
MW-56	d	Beryllium	7440-41-7	mg/L	9/19/2023		<0.00100
MW-56	d	Cadmium	7440-43-9	mg/L	9/19/2023		<0.000200
MW-56	d	Chromium	7440-47-3	mg/L	9/19/2023		<0.00500
MW-56	d	Cobalt	7440-48-4	mg/L	9/19/2023		0.024
MW-56	d	Copper	7440-50-8	mg/L	9/19/2023		<0.00500
MW-56	d	Lead	7439-92-1	mg/L	9/19/2023		<0.000500
MW-56	d	Nickel	7440-02-0	mg/L	9/19/2023		0.024
MW-56	d	Selenium	7782-49-2	mg/L	9/19/2023		<0.00500
MW-56	d	Silver	7440-22-4	mg/L	9/19/2023		<0.00100
MW-56	d	Thallium	7440-28-0	mg/L	9/19/2023		<0.00100
MW-56	d	Vanadium	7440-62-2	mg/L	9/19/2023		<0.00500
MW-56	d	Zinc	7440-66-6	mg/L	9/19/2023		<0.0200
MW-56	d	Tin	7440-31-5	mg/L	9/19/2023		<0.00500
MW-56	d	Acetone	67-64-1	ug/L	9/19/2023		<10.0
MW-56	d	Acrylonitrile	107-13-1	ug/L	9/19/2023		<5.00
MW-56	d	Benzene	71-43-2	ug/L	9/19/2023		2.59
MW-56	d	Bromochloromethane	74-97-5	ug/L	9/19/2023		<5.00
MW-56	d	Bromodichloromethane	75-27-4	ug/L	9/19/2023		<1.00
MW-56	d	Bromoform	75-25-2	ug/L	9/19/2023		<5.00
MW-56	d	Bromomethane	74-83-9	ug/L	9/19/2023		<4.00
MW-56	d	2-Butanone	78-93-3	ug/L	9/19/2023		<10.0
MW-56	d	Carbon Disulfide	75-15-0	ug/L	9/19/2023		<1.00
MW-56	d	Carbon Tetrachloride	56-23-5	ug/L	9/19/2023		<2.00
MW-56	d	Chlorobenzene	108-90-7	ug/L	9/19/2023		<1.00
MW-56	d	Chlorodibromomethane	124-48-1	ug/L	9/19/2023		<5.00
MW-56	d	Chloroethane	75-00-3	ug/L	9/19/2023		<4.00
MW-56	d	Chloroform	67-66-3	ug/L	9/19/2023		<3.00
MW-56	d	Chloromethane	74-87-3	ug/L	9/19/2023		<3.00
MW-56	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/19/2023		<1.00
MW-56	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/19/2023		<5.00
MW-56	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/19/2023		<5.00
MW-56	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/19/2023		<1.00
MW-56	d	Methylene Bromide	74-95-3	ug/L	9/19/2023		<1.00
MW-56	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/19/2023		<1.00
MW-56	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/19/2023		<1.00
MW-56	d	1,1-Dichloroethane	75-34-3	ug/L	9/19/2023		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	1,2-Dichloroethane	107-06-2	ug/L	9/19/2023		<1.00
MW-56	d	1,1-Dichloroethene	75-35-4	ug/L	9/19/2023		<2.00
MW-56	d	1,2-Dichloropropane	78-87-5	ug/L	9/19/2023		<1.00
MW-56	d	Ethylbenzene	100-41-4	ug/L	9/19/2023		<1.00
MW-56	d	2-Hexanone	591-78-6	ug/L	9/19/2023		<10.0
MW-56	d	Iodomethane	74-88-4	ug/L	9/19/2023		<10.0
MW-56	d	Methylene Chloride	75-09-2	ug/L	9/19/2023		<5.00
MW-56	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/19/2023		<10.0
MW-56	d	Styrene	100-42-5	ug/L	9/19/2023		<1.00
MW-56	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/19/2023		<1.00
MW-56	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/19/2023		<1.00
MW-56	d	Tetrachloroethene	127-18-4	ug/L	9/19/2023		<1.00
MW-56	d	Toluene	108-88-3	ug/L	9/19/2023		<1.00
MW-56	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/19/2023		<10.0
MW-56	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/19/2023	J	0.507
MW-56	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/19/2023		<5.00
MW-56	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/19/2023		<1.00
MW-56	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/19/2023		<1.00
MW-56	d	Trichloroethene	79-01-6	ug/L	9/19/2023		<1.00
MW-56	d	Trichlorofluoromethane	75-69-4	ug/L	9/19/2023		<4.00
MW-56	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/19/2023		<1.00
MW-56	d	Vinyl Acetate	108-05-4	ug/L	9/19/2023		<10.0
MW-56	d	Vinyl Chloride	75-01-4	ug/L	9/19/2023		<1.00
MW-56	d	Xylenes, total	1330-20-7	ug/L	9/19/2023		<3.00
MW-56	d	Dichlorodifluoromethane	75-71-8	ug/L	9/19/2023		<3.00
MW-56	d	Total Suspended Solids	TSS	mg/L	9/19/2023		26.5
MW-57R	d	Antimony	7440-36-0	mg/L	9/19/2023	*+	<0.00200
MW-57R	d	Arsenic	7440-38-2	mg/L	9/19/2023		0.00504
MW-57R	d	Barium	7440-39-3	mg/L	9/19/2023		0.68
MW-57R	d	Beryllium	7440-41-7	mg/L	9/19/2023		<0.00100
MW-57R	d	Cadmium	7440-43-9	mg/L	9/19/2023		0.00203
MW-57R	d	Chromium	7440-47-3	mg/L	9/19/2023		<0.00500
MW-57R	d	Cobalt	7440-48-4	mg/L	9/19/2023		0.0322
MW-57R	d	Copper	7440-50-8	mg/L	9/19/2023	J	0.00324
MW-57R	d	Lead	7439-92-1	mg/L	9/19/2023		0.000954
MW-57R	d	Nickel	7440-02-0	mg/L	9/19/2023		0.0526
MW-57R	d	Selenium	7782-49-2	mg/L	9/19/2023		<0.00500
MW-57R	d	Silver	7440-22-4	mg/L	9/19/2023		<0.00100
MW-57R	d	Thallium	7440-28-0	mg/L	9/19/2023		<0.00100
MW-57R	d	Vanadium	7440-62-2	mg/L	9/19/2023	J	0.003
MW-57R	d	Zinc	7440-66-6	mg/L	9/19/2023	J	0.0115
MW-57R	d	Tin	7440-31-5	mg/L	9/19/2023		<0.00500
MW-57R	d	Acetone	67-64-1	ug/L	9/19/2023		<10.0
MW-57R	d	Acrylonitrile	107-13-1	ug/L	9/19/2023		<5.00
MW-57R	d	Benzene	71-43-2	ug/L	9/19/2023		4.77
MW-57R	d	Bromochloromethane	74-97-5	ug/L	9/19/2023		<5.00
MW-57R	d	Bromodichloromethane	75-27-4	ug/L	9/19/2023		<1.00
MW-57R	d	Bromoform	75-25-2	ug/L	9/19/2023		<5.00
MW-57R	d	Bromomethane	74-83-9	ug/L	9/19/2023		<4.00
MW-57R	d	2-Butanone	78-93-3	ug/L	9/19/2023		<10.0
MW-57R	d	Carbon Disulfide	75-15-0	ug/L	9/19/2023		<1.00
MW-57R	d	Carbon Tetrachloride	56-23-5	ug/L	9/19/2023		<2.00
MW-57R	d	Chlorobenzene	108-90-7	ug/L	9/19/2023		<1.00
MW-57R	d	Chlorodibromomethane	124-48-1	ug/L	9/19/2023		<5.00
MW-57R	d	Chloroethane	75-00-3	ug/L	9/19/2023		<4.00
MW-57R	d	Chloroform	67-66-3	ug/L	9/19/2023		<3.00
MW-57R	d	Chloromethane	74-87-3	ug/L	9/19/2023		<3.00
MW-57R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/19/2023		2.25
MW-57R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/19/2023		<5.00
MW-57R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/19/2023		<5.00
MW-57R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/19/2023		<1.00
MW-57R	d	Methylene Bromide	74-95-3	ug/L	9/19/2023		<1.00
MW-57R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/19/2023		<1.00
MW-57R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/19/2023		<1.00
MW-57R	d	1,1-Dichloroethane	75-34-3	ug/L	9/19/2023		<1.00
MW-57R	d	1,2-Dichloroethane	107-06-2	ug/L	9/19/2023		<1.00
MW-57R	d	1,1-Dichloroethene	75-35-4	ug/L	9/19/2023		<2.00
MW-57R	d	1,2-Dichloropropane	78-87-5	ug/L	9/19/2023		<1.00
MW-57R	d	Ethylbenzene	100-41-4	ug/L	9/19/2023		<1.00
MW-57R	d	2-Hexanone	591-78-6	ug/L	9/19/2023		<10.0
MW-57R	d	Iodomethane	74-88-4	ug/L	9/19/2023		<10.0
MW-57R	d	Methylene Chloride	75-09-2	ug/L	9/19/2023		<5.00
MW-57R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/19/2023		<10.0
MW-57R	d	Styrene	100-42-5	ug/L	9/19/2023		<1.00
MW-57R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/19/2023		<1.00
MW-57R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/19/2023		<1.00
MW-57R	d	Tetrachloroethene	127-18-4	ug/L	9/19/2023		<1.00
MW-57R	d	Toluene	108-88-3	ug/L	9/19/2023		<1.00
MW-57R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/19/2023		<10.0
MW-57R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/19/2023		1.25
MW-57R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/19/2023		<5.00
MW-57R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/19/2023		<1.00
MW-57R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/19/2023		<1.00
MW-57R	d	Trichloroethene	79-01-6	ug/L	9/19/2023		2.64
MW-57R	d	Trichlorofluoromethane	75-69-4	ug/L	9/19/2023		<4.00
MW-57R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/19/2023		<1.00
MW-57R	d	Vinyl Acetate	108-05-4	ug/L	9/19/2023		<10.0

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57R	d	Vinyl Chloride	75-01-4	ug/L	9/19/2023		1.59
MW-57R	d	Xylenes, total	1330-20-7	ug/L	9/19/2023		<3.00
MW-57R	d	Total Suspended Solids	TSS	mg/L	9/19/2023		173
MW-57R	d	Total Organic Carbon	TOC	mg/L	9/19/2023		5.84
MW-39	d	Antimony	7440-36-0	mg/L	9/19/2023	*+	<0.00200
MW-39	d	Arsenic	7440-38-2	mg/L	9/19/2023	J	0.000685
MW-39	d	Barium	7440-39-3	mg/L	9/19/2023		0.0684
MW-39	d	Beryllium	7440-41-7	mg/L	9/19/2023		<0.00100
MW-39	d	Cadmium	7440-43-9	mg/L	9/19/2023		0.000227
MW-39	d	Chromium	7440-47-3	mg/L	9/19/2023		<0.00500
MW-39	d	Cobalt	7440-48-4	mg/L	9/19/2023		0.0118
MW-39	d	Copper	7440-50-8	mg/L	9/19/2023		<0.00500
MW-39	d	Lead	7439-92-1	mg/L	9/19/2023		<0.000500
MW-39	d	Nickel	7440-02-0	mg/L	9/19/2023		0.014
MW-39	d	Selenium	7782-49-2	mg/L	9/19/2023		<0.00500
MW-39	d	Silver	7440-22-4	mg/L	9/19/2023		<0.00100
MW-39	d	Thallium	7440-28-0	mg/L	9/19/2023		<0.00100
MW-39	d	Vanadium	7440-62-2	mg/L	9/19/2023		<0.00500
MW-39	d	Zinc	7440-66-6	mg/L	9/19/2023		<0.0200
MW-39	d	Acetone	67-64-1	ug/L	9/19/2023		<10.0
MW-39	d	Acrylonitrile	107-13-1	ug/L	9/19/2023		<5.00
MW-39	d	Benzene	71-43-2	ug/L	9/19/2023		<0.500
MW-39	d	Bromochloromethane	74-97-5	ug/L	9/19/2023		<5.00
MW-39	d	Bromodichloromethane	75-27-4	ug/L	9/19/2023		<1.00
MW-39	d	Bromoform	75-25-2	ug/L	9/19/2023		<5.00
MW-39	d	Bromomethane	74-83-9	ug/L	9/19/2023		<4.00
MW-39	d	2-Butanone	78-93-3	ug/L	9/19/2023		<10.0
MW-39	d	Carbon Disulfide	75-15-0	ug/L	9/19/2023		<1.00
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	9/19/2023		<2.00
MW-39	d	Chlorobenzene	108-90-7	ug/L	9/19/2023		<1.00
MW-39	d	Chlorodibromomethane	124-48-1	ug/L	9/19/2023		<5.00
MW-39	d	Chloroethane	75-00-3	ug/L	9/19/2023		<4.00
MW-39	d	Chloroform	67-66-3	ug/L	9/19/2023		<3.00
MW-39	d	Chloromethane	74-87-3	ug/L	9/19/2023		<3.00
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/19/2023		<1.00
MW-39	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/19/2023		<5.00
MW-39	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/19/2023		<5.00
MW-39	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/19/2023		<1.00
MW-39	d	Methylene Bromide	74-95-3	ug/L	9/19/2023		<1.00
MW-39	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/19/2023		<1.00
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/19/2023		<1.00
MW-39	d	1,1-Dichloroethane	75-34-3	ug/L	9/19/2023		<1.00
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	9/19/2023		<1.00
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	9/19/2023		<2.00
MW-39	d	1,2-Dichloropropane	78-87-5	ug/L	9/19/2023		<1.00
MW-39	d	Ethylbenzene	100-41-4	ug/L	9/19/2023		<1.00
MW-39	d	2-Hexanone	591-78-6	ug/L	9/19/2023		<10.0
MW-39	d	Iodomethane	74-88-4	ug/L	9/19/2023		<10.0
MW-39	d	Methylene Chloride	75-09-2	ug/L	9/19/2023		<5.00
MW-39	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/19/2023		<10.0
MW-39	d	Styrene	100-42-5	ug/L	9/19/2023		<1.00
MW-39	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/19/2023		<1.00
MW-39	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/19/2023		<1.00
MW-39	d	Tetrachloroethene	127-18-4	ug/L	9/19/2023		<1.00
MW-39	d	Toluene	108-88-3	ug/L	9/19/2023		<1.00
MW-39	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/19/2023		<10.0
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/19/2023		<1.00
MW-39	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/19/2023		<5.00
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/19/2023		<1.00
MW-39	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/19/2023		<1.00
MW-39	d	Trichloroethene	79-01-6	ug/L	9/19/2023		<1.00
MW-39	d	Trichlorofluoromethane	75-69-4	ug/L	9/19/2023		<4.00
MW-39	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/19/2023		<1.00
MW-39	d	Vinyl Acetate	108-05-4	ug/L	9/19/2023		<10.0
MW-39	d	Vinyl Chloride	75-01-4	ug/L	9/19/2023		<1.00
MW-39	d	Xylenes, total	1330-20-7	ug/L	9/19/2023		<3.00
MW-39	d	Total Suspended Solids	TSS	mg/L	9/19/2023		3.38
MW-29	d	Antimony	7440-36-0	mg/L	9/19/2023	*+	<0.00200
MW-29	d	Arsenic	7440-38-2	mg/L	9/19/2023		0.0136
MW-29	d	Barium	7440-39-3	mg/L	9/19/2023		1.26
MW-29	d	Beryllium	7440-41-7	mg/L	9/19/2023		<0.00100
MW-29	d	Cadmium	7440-43-9	mg/L	9/19/2023		<0.000200
MW-29	d	Chromium	7440-47-3	mg/L	9/19/2023		<0.00500
MW-29	d	Cobalt	7440-48-4	mg/L	9/19/2023		0.0789
MW-29	d	Copper	7440-50-8	mg/L	9/19/2023		<0.00500
MW-29	d	Lead	7439-92-1	mg/L	9/19/2023		<0.000500
MW-29	d	Nickel	7440-02-0	mg/L	9/19/2023		0.0896
MW-29	d	Selenium	7782-49-2	mg/L	9/19/2023		<0.00500
MW-29	d	Silver	7440-22-4	mg/L	9/19/2023		<0.00100
MW-29	d	Thallium	7440-28-0	mg/L	9/19/2023		<0.00100
MW-29	d	Vanadium	7440-62-2	mg/L	9/19/2023		<0.00500
MW-29	d	Zinc	7440-66-6	mg/L	9/19/2023	J	0.00945
MW-29	d	4,4`-DDD	72-54-8	ug/L	9/19/2023		<0.0604
MW-29	d	4,4`-DDE	72-55-9	ug/L	9/19/2023		<0.0604
MW-29	d	Alpha-BHC	319-84-6	ug/L	9/19/2023		<0.0604
MW-29	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/19/2023		<0.0604
MW-29	d	Endosulfan I	959-98-8	ug/L	9/19/2023	J	0.0328

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Endosulfan II	33213-65-9	ug/L	9/19/2023		<0.0604
MW-29	d	Beta-BHC	319-85-7	ug/L	9/19/2023		<0.0604
MW-29	d	Heptachlor	76-44-8	ug/L	9/19/2023		<0.0604
MW-29	d	Heptachlor Epoxide	1024-57-3	ug/L	9/19/2023		<0.0604
MW-29	d	Acetone	67-64-1	ug/L	9/19/2023		<10.0
MW-29	d	Acrylonitrile	107-13-1	ug/L	9/19/2023		<5.00
MW-29	d	Benzene	71-43-2	ug/L	9/19/2023		2.2
MW-29	d	Bromochloromethane	74-97-5	ug/L	9/19/2023		<5.00
MW-29	d	Bromodichloromethane	75-27-4	ug/L	9/19/2023		<1.00
MW-29	d	Bromoform	75-25-2	ug/L	9/19/2023		<5.00
MW-29	d	Bromomethane	74-83-9	ug/L	9/19/2023		<4.00
MW-29	d	2-Butanone	78-93-3	ug/L	9/19/2023		<10.0
MW-29	d	Carbon Disulfide	75-15-0	ug/L	9/19/2023		<1.00
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	9/19/2023		<2.00
MW-29	d	Chlorobenzene	108-90-7	ug/L	9/19/2023		16.6
MW-29	d	Chlorodibromomethane	124-48-1	ug/L	9/19/2023		<5.00
MW-29	d	Chloroethane	75-00-3	ug/L	9/19/2023		<4.00
MW-29	d	Chloroform	67-66-3	ug/L	9/19/2023		<3.00
MW-29	d	Chloromethane	74-87-3	ug/L	9/19/2023		<3.00
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/19/2023		11.1
MW-29	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/19/2023		<5.00
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/19/2023		<5.00
MW-29	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/19/2023		<1.00
MW-29	d	Methylene Bromide	74-95-3	ug/L	9/19/2023		<1.00
MW-29	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/19/2023	J	0.569
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/19/2023		8.44
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	9/19/2023		3.79
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	9/19/2023		<1.00
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	9/19/2023		<2.00
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	9/19/2023		1.48
MW-29	d	Ethylbenzene	100-41-4	ug/L	9/19/2023		<1.00
MW-29	d	2-Hexanone	591-78-6	ug/L	9/19/2023		<10.0
MW-29	d	Iodomethane	74-88-4	ug/L	9/19/2023		<10.0
MW-29	d	Methylene Chloride	75-09-2	ug/L	9/19/2023		<5.00
MW-29	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/19/2023		<10.0
MW-29	d	Styrene	100-42-5	ug/L	9/19/2023		<1.00
MW-29	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/19/2023		<1.00
MW-29	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/19/2023		<1.00
MW-29	d	Tetrachloroethene	127-18-4	ug/L	9/19/2023		<1.00
MW-29	d	Toluene	108-88-3	ug/L	9/19/2023		<1.00
MW-29	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/19/2023		<10.0
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/19/2023	J	0.722
MW-29	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/19/2023		<5.00
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/19/2023		<1.00
MW-29	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/19/2023		<1.00
MW-29	d	Trichloroethene	79-01-6	ug/L	9/19/2023		1.08
MW-29	d	Trichlorofluoromethane	75-69-4	ug/L	9/19/2023		<4.00
MW-29	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/19/2023		<1.00
MW-29	d	Vinyl Acetate	108-05-4	ug/L	9/19/2023		<10.0
MW-29	d	Vinyl Chloride	75-01-4	ug/L	9/19/2023		3.58
MW-29	d	Xylenes, total	1330-20-7	ug/L	9/19/2023		<3.00
MW-29	d	Dichlorodifluoromethane	75-71-8	ug/L	9/19/2023		<3.00
MW-29	d	Diethyl phthalate	84-66-2	ug/L	9/19/2023		<9.43
MW-29	d	Sulfide	18496-25-8	mg/L	9/19/2023		<1.00
MW-29	d	Total Suspended Solids	TSS	mg/L	9/19/2023		8.25
MW-29	d	Total Organic Carbon	TOC	mg/L	9/19/2023		9.98
MW-70	d	Acetone	67-64-1	ug/L	9/19/2023		<10.0
MW-70	d	Acrylonitrile	107-13-1	ug/L	9/19/2023		<5.00
MW-70	d	Benzene	71-43-2	ug/L	9/19/2023		<0.500
MW-70	d	Bromochloromethane	74-97-5	ug/L	9/19/2023		<5.00
MW-70	d	Bromodichloromethane	75-27-4	ug/L	9/19/2023		<1.00
MW-70	d	Bromoform	75-25-2	ug/L	9/19/2023		<5.00
MW-70	d	Bromomethane	74-83-9	ug/L	9/19/2023		<4.00
MW-70	d	2-Butanone	78-93-3	ug/L	9/19/2023		<10.0
MW-70	d	Carbon Disulfide	75-15-0	ug/L	9/19/2023		<1.00
MW-70	d	Carbon Tetrachloride	56-23-5	ug/L	9/19/2023		<2.00
MW-70	d	Chlorobenzene	108-90-7	ug/L	9/19/2023		<1.00
MW-70	d	Chlorodibromomethane	124-48-1	ug/L	9/19/2023		<5.00
MW-70	d	Chloroethane	75-00-3	ug/L	9/19/2023		<4.00
MW-70	d	Chloroform	67-66-3	ug/L	9/19/2023		<3.00
MW-70	d	Chloromethane	74-87-3	ug/L	9/19/2023		<3.00
MW-70	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/19/2023		<1.00
MW-70	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/19/2023		<5.00
MW-70	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/19/2023		<5.00
MW-70	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/19/2023		<1.00
MW-70	d	Methylene Bromide	74-95-3	ug/L	9/19/2023		<1.00
MW-70	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/19/2023		<1.00
MW-70	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/19/2023		<1.00
MW-70	d	1,1-Dichloroethane	75-34-3	ug/L	9/19/2023		<1.00
MW-70	d	1,2-Dichloroethane	107-06-2	ug/L	9/19/2023		<1.00
MW-70	d	1,1-Dichloroethene	75-35-4	ug/L	9/19/2023		<2.00
MW-70	d	1,2-Dichloropropane	78-87-5	ug/L	9/19/2023		<1.00
MW-70	d	Ethylbenzene	100-41-4	ug/L	9/19/2023		<1.00
MW-70	d	2-Hexanone	591-78-6	ug/L	9/19/2023		<10.0
MW-70	d	Iodomethane	74-88-4	ug/L	9/19/2023		<10.0
MW-70	d	Methylene Chloride	75-09-2	ug/L	9/19/2023		<5.00
MW-70	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/19/2023		<10.0

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-70	d	Styrene	100-42-5	ug/L	9/19/2023		<1.00
MW-70	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/19/2023		<1.00
MW-70	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/19/2023		<1.00
MW-70	d	Tetrachloroethene	127-18-4	ug/L	9/19/2023		<1.00
MW-70	d	Toluene	108-88-3	ug/L	9/19/2023		<1.00
MW-70	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/19/2023		<10.0
MW-70	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/19/2023		<1.00
MW-70	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/19/2023		<5.00
MW-70	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/19/2023		<1.00
MW-70	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/19/2023		<1.00
MW-70	d	Trichloroethene	79-01-6	ug/L	9/19/2023		<1.00
MW-70	d	Trichlorofluoromethane	75-69-4	ug/L	9/19/2023		<4.00
MW-70	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/19/2023		<1.00
MW-70	d	Vinyl Acetate	108-05-4	ug/L	9/19/2023		<10.0
MW-70	d	Vinyl Chloride	75-01-4	ug/L	9/19/2023		<1.00
MW-70	d	Xylenes, total	1330-20-7	ug/L	9/19/2023		<3.00
MW-70	d	Total Suspended Solids	TSS	mg/L	9/19/2023		9.63
MW-70	d	Total Organic Carbon	TOC	mg/L	9/19/2023		2.38
MW-30R	d	Antimony	7440-36-0	mg/L	9/19/2023	*+	<0.00200
MW-30R	d	Arsenic	7440-38-2	mg/L	9/19/2023		0.0156
MW-30R	d	Barium	7440-39-3	mg/L	9/19/2023		0.701
MW-30R	d	Beryllium	7440-41-7	mg/L	9/19/2023		<0.00100
MW-30R	d	Cadmium	7440-43-9	mg/L	9/19/2023		<0.000200
MW-30R	d	Chromium	7440-47-3	mg/L	9/19/2023		<0.00500
MW-30R	d	Cobalt	7440-48-4	mg/L	9/19/2023		0.00435
MW-30R	d	Copper	7440-50-8	mg/L	9/19/2023		<0.00500
MW-30R	d	Lead	7439-92-1	mg/L	9/19/2023	J	0.000421
MW-30R	d	Nickel	7440-02-0	mg/L	9/19/2023	J	0.00465
MW-30R	d	Selenium	7782-49-2	mg/L	9/19/2023		<0.00500
MW-30R	d	Silver	7440-22-4	mg/L	9/19/2023		<0.00100
MW-30R	d	Thallium	7440-28-0	mg/L	9/19/2023		<0.00100
MW-30R	d	Vanadium	7440-62-2	mg/L	9/19/2023	J	0.00167
MW-30R	d	Zinc	7440-66-6	mg/L	9/19/2023		<0.0200
MW-30R	d	Aldrin	309-00-2	ug/L	9/19/2023		<0.0615
MW-30R	d	Alpha-BHC	319-84-6	ug/L	9/19/2023		<0.0615
MW-30R	d	Beta-BHC	319-85-7	ug/L	9/19/2023		<0.0615
MW-30R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/19/2023		<0.0615
MW-30R	d	Chlordane	57-74-9	ug/L	9/19/2023		<1.92
MW-30R	d	Delta-BHC	319-86-8	ug/L	9/19/2023		<0.0615
MW-30R	d	Dieldrin	60-57-1	ug/L	9/19/2023		<0.0615
MW-30R	d	4,4`-DDD	72-54-8	ug/L	9/19/2023		<0.0615
MW-30R	d	4,4`-DDE	72-55-9	ug/L	9/19/2023		<0.0615
MW-30R	d	4,4`-DDT	50-29-3	ug/L	9/19/2023		<0.0615
MW-30R	d	Endosulfan I	959-98-8	ug/L	9/19/2023		<0.0615
MW-30R	d	Endosulfan II	33213-65-9	ug/L	9/19/2023		<0.0615
MW-30R	d	Endosulfan sulfate	1031-07-8	ug/L	9/19/2023		<0.0615
MW-30R	d	Endrin	72-20-8	ug/L	9/19/2023		<0.0615
MW-30R	d	Endrin aldehyde	7421-93-4	ug/L	9/19/2023		<0.0615
MW-30R	d	Heptachlor	76-44-8	ug/L	9/19/2023		<0.0615
MW-30R	d	Heptachlor Epoxide	1024-57-3	ug/L	9/19/2023		<0.0615
MW-30R	d	Methoxychlor	72-43-5	ug/L	9/19/2023		<0.0615
MW-30R	d	Toxaphene	8001-35-2	ug/L	9/19/2023		<1.92
MW-30R	d	Acetone	67-64-1	ug/L	9/19/2023		<10.0
MW-30R	d	Acrylonitrile	107-13-1	ug/L	9/19/2023		<5.00
MW-30R	d	Benzene	71-43-2	ug/L	9/19/2023		0.75
MW-30R	d	Bromochloromethane	74-97-5	ug/L	9/19/2023		<5.00
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	9/19/2023		<1.00
MW-30R	d	Bromoform	75-25-2	ug/L	9/19/2023		<5.00
MW-30R	d	Bromomethane	74-83-9	ug/L	9/19/2023		<4.00
MW-30R	d	2-Butanone	78-93-3	ug/L	9/19/2023		<10.0
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	9/19/2023		<1.00
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	9/19/2023		<2.00
MW-30R	d	Chlorobenzene	108-90-7	ug/L	9/19/2023		<1.00
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	9/19/2023		<5.00
MW-30R	d	Chloroethane	75-00-3	ug/L	9/19/2023		<4.00
MW-30R	d	Chloroform	67-66-3	ug/L	9/19/2023		<3.00
MW-30R	d	Chloromethane	74-87-3	ug/L	9/19/2023		<3.00
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/19/2023		56.5
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/19/2023		<5.00
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/19/2023		<5.00
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/19/2023		<1.00
MW-30R	d	Methylene Bromide	74-95-3	ug/L	9/19/2023		<1.00
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/19/2023		<1.00
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/19/2023		<1.00
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	9/19/2023		4.88
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	9/19/2023		<1.00
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	9/19/2023		<2.00
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	9/19/2023		<1.00
MW-30R	d	Ethylbenzene	100-41-4	ug/L	9/19/2023		<1.00
MW-30R	d	2-Hexanone	591-78-6	ug/L	9/19/2023		<10.0
MW-30R	d	Iodomethane	74-88-4	ug/L	9/19/2023		<10.0
MW-30R	d	Methylene Chloride	75-09-2	ug/L	9/19/2023		<5.00
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/19/2023		<10.0
MW-30R	d	Styrene	100-42-5	ug/L	9/19/2023		<1.00
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/19/2023		<1.00
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/19/2023		<1.00
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	9/19/2023		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	Toluene	108-88-3	ug/L	9/19/2023		<1.00
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/19/2023		<10.0
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/19/2023		1.68
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/19/2023		<5.00
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/19/2023		<1.00
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/19/2023		<1.00
MW-30R	d	Trichloroethene	79-01-6	ug/L	9/19/2023		3.03
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	9/19/2023		<4.00
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/19/2023		<1.00
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	9/19/2023		<10.0
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	9/19/2023		7.35
MW-30R	d	Xylenes, total	1330-20-7	ug/L	9/19/2023		<3.00
MW-30R	d	Dichlorodifluoromethane	75-71-8	ug/L	9/19/2023		<3.00
MW-30R	d	Di-n-butyl phthalate	84-74-2	ug/L	9/19/2023		<9.43
MW-30R	d	Sulfide	18496-25-8	mg/L	9/19/2023		<1.00
MW-30R	d	Total Suspended Solids	TSS	mg/L	9/19/2023		31.5
MW-30R	d	Total Organic Carbon	TOC	mg/L	9/19/2023		2.8
MW-14R	d	Antimony	7440-36-0	mg/L	9/19/2023	*+	<0.00200
MW-14R	d	Arsenic	7440-38-2	mg/L	9/19/2023		0.00274
MW-14R	d	Barium	7440-39-3	mg/L	9/19/2023		0.198
MW-14R	d	Beryllium	7440-41-7	mg/L	9/19/2023		<0.00100
MW-14R	d	Cadmium	7440-43-9	mg/L	9/19/2023		<0.000200
MW-14R	d	Chromium	7440-47-3	mg/L	9/19/2023		<0.00500
MW-14R	d	Cobalt	7440-48-4	mg/L	9/19/2023		<0.000500
MW-14R	d	Copper	7440-50-8	mg/L	9/19/2023		<0.00500
MW-14R	d	Lead	7439-92-1	mg/L	9/19/2023		<0.000500
MW-14R	d	Nickel	7440-02-0	mg/L	9/19/2023		<0.00500
MW-14R	d	Selenium	7782-49-2	mg/L	9/19/2023		<0.00500
MW-14R	d	Silver	7440-22-4	mg/L	9/19/2023		<0.00100
MW-14R	d	Thallium	7440-28-0	mg/L	9/19/2023		<0.00100
MW-14R	d	Vanadium	7440-62-2	mg/L	9/19/2023		<0.00500
MW-14R	d	Zinc	7440-66-6	mg/L	9/19/2023		<0.0200
MW-14R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/19/2023		<0.0615
MW-14R	d	Endosulfan I	959-98-8	ug/L	9/19/2023		<0.0615
MW-14R	d	Endosulfan II	33213-65-9	ug/L	9/19/2023		<0.0615
MW-14R	d	Acetone	67-64-1	ug/L	9/19/2023		<10.0
MW-14R	d	Acrylonitrile	107-13-1	ug/L	9/19/2023		<5.00
MW-14R	d	Benzene	71-43-2	ug/L	9/19/2023		<0.500
MW-14R	d	Bromochloromethane	74-97-5	ug/L	9/19/2023		<5.00
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	9/19/2023		<1.00
MW-14R	d	Bromoform	75-25-2	ug/L	9/19/2023		<5.00
MW-14R	d	Bromomethane	74-83-9	ug/L	9/19/2023		<4.00
MW-14R	d	2-Butanone	78-93-3	ug/L	9/19/2023		<10.0
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	9/19/2023		<1.00
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	9/19/2023		<2.00
MW-14R	d	Chlorobenzene	108-90-7	ug/L	9/19/2023		<1.00
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	9/19/2023		<5.00
MW-14R	d	Chloroethane	75-00-3	ug/L	9/19/2023		<4.00
MW-14R	d	Chloroform	67-66-3	ug/L	9/19/2023		<3.00
MW-14R	d	Chloromethane	74-87-3	ug/L	9/19/2023		<3.00
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/19/2023		12.1
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/19/2023		<5.00
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/19/2023		<5.00
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/19/2023		<1.00
MW-14R	d	Methylene Bromide	74-95-3	ug/L	9/19/2023		<1.00
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/19/2023		<1.00
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/19/2023		<1.00
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	9/19/2023		4.47
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	9/19/2023		<1.00
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	9/19/2023		<2.00
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	9/19/2023		<1.00
MW-14R	d	Ethylbenzene	100-41-4	ug/L	9/19/2023		<1.00
MW-14R	d	2-Hexanone	591-78-6	ug/L	9/19/2023		<10.0
MW-14R	d	Iodomethane	74-88-4	ug/L	9/19/2023		<10.0
MW-14R	d	Methylene Chloride	75-09-2	ug/L	9/19/2023		<5.00
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/19/2023		<10.0
MW-14R	d	Styrene	100-42-5	ug/L	9/19/2023		<1.00
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/19/2023		<1.00
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/19/2023		<1.00
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	9/19/2023		<1.00
MW-14R	d	Toluene	108-88-3	ug/L	9/19/2023		<1.00
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/19/2023		<10.0
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/19/2023		<1.00
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/19/2023		<5.00
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/19/2023		<1.00
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/19/2023		<1.00
MW-14R	d	Trichloroethene	79-01-6	ug/L	9/19/2023		8.78
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	9/19/2023		<4.00
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/19/2023		<1.00
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	9/19/2023		<10.0
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	9/19/2023		1.24
MW-14R	d	Xylenes, total	1330-20-7	ug/L	9/19/2023		<3.00
MW-14R	d	Dichlorodifluoromethane	75-71-8	ug/L	9/19/2023	J	0.999
MW-14R	d	Dimethoate	60-51-5	ug/L	9/19/2023		<10.0
MW-14R	d	Total Suspended Solids	TSS	mg/L	9/19/2023	J	1.25
MW-14R	d	Total Organic Carbon	TOC	mg/L	9/19/2023	J	0.851
MW-68	d	Acetone	67-64-1	ug/L	9/19/2023		<10.0

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-68	d	Acrylonitrile	107-13-1	ug/L	9/19/2023		<5.00
MW-68	d	Benzene	71-43-2	ug/L	9/19/2023		3.39
MW-68	d	Bromochloromethane	74-97-5	ug/L	9/19/2023		<5.00
MW-68	d	Bromodichloromethane	75-27-4	ug/L	9/19/2023		<1.00
MW-68	d	Bromoform	75-25-2	ug/L	9/19/2023		<5.00
MW-68	d	Bromomethane	74-83-9	ug/L	9/19/2023		<4.00
MW-68	d	2-Butanone	78-93-3	ug/L	9/19/2023		<10.0
MW-68	d	Carbon Disulfide	75-15-0	ug/L	9/19/2023		<1.00
MW-68	d	Carbon Tetrachloride	56-23-5	ug/L	9/19/2023		<2.00
MW-68	d	Chlorobenzene	108-90-7	ug/L	9/19/2023		<1.00
MW-68	d	Chlorodibromomethane	124-48-1	ug/L	9/19/2023		<5.00
MW-68	d	Chloroethane	75-00-3	ug/L	9/19/2023		<4.00
MW-68	d	Chloroform	67-66-3	ug/L	9/19/2023		<3.00
MW-68	d	Chloromethane	74-87-3	ug/L	9/19/2023		<3.00
MW-68	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/19/2023		3.94
MW-68	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/19/2023		<5.00
MW-68	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/19/2023		<5.00
MW-68	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/19/2023		<1.00
MW-68	d	Methylene Bromide	74-95-3	ug/L	9/19/2023		<1.00
MW-68	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/19/2023		<1.00
MW-68	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/19/2023		<1.00
MW-68	d	1,1-Dichloroethane	75-34-3	ug/L	9/19/2023		<1.00
MW-68	d	1,2-Dichloroethane	107-06-2	ug/L	9/19/2023		<1.00
MW-68	d	1,1-Dichloroethene	75-35-4	ug/L	9/19/2023		<2.00
MW-68	d	1,2-Dichloropropane	78-87-5	ug/L	9/19/2023		<1.00
MW-68	d	Ethylbenzene	100-41-4	ug/L	9/19/2023		<1.00
MW-68	d	2-Hexanone	591-78-6	ug/L	9/19/2023		<10.0
MW-68	d	Iodomethane	74-88-4	ug/L	9/19/2023		<10.0
MW-68	d	Methylene Chloride	75-09-2	ug/L	9/19/2023		<5.00
MW-68	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/19/2023		<10.0
MW-68	d	Styrene	100-42-5	ug/L	9/19/2023		<1.00
MW-68	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/19/2023		<1.00
MW-68	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/19/2023		<1.00
MW-68	d	Tetrachloroethene	127-18-4	ug/L	9/19/2023		<1.00
MW-68	d	Toluene	108-88-3	ug/L	9/19/2023		<1.00
MW-68	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/19/2023		<10.0
MW-68	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/19/2023		<1.00
MW-68	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/19/2023		<5.00
MW-68	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/19/2023		<1.00
MW-68	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/19/2023		<1.00
MW-68	d	Trichloroethene	79-01-6	ug/L	9/19/2023		<1.00
MW-68	d	Trichlorofluoromethane	75-69-4	ug/L	9/19/2023		<4.00
MW-68	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/19/2023		<1.00
MW-68	d	Vinyl Acetate	108-05-4	ug/L	9/19/2023		<10.0
MW-68	d	Vinyl Chloride	75-01-4	ug/L	9/19/2023		<1.00
MW-68	d	Xylenes, total	1330-20-7	ug/L	9/19/2023		<3.00
MW-68	d	Total Suspended Solids	TSS	mg/L	9/19/2023		7
MW-69	d	Acetone	67-64-1	ug/L	9/19/2023		<10.0
MW-69	d	Acrylonitrile	107-13-1	ug/L	9/19/2023		<5.00
MW-69	d	Benzene	71-43-2	ug/L	9/19/2023		0.912
MW-69	d	Bromochloromethane	74-97-5	ug/L	9/19/2023		<5.00
MW-69	d	Bromodichloromethane	75-27-4	ug/L	9/19/2023		<1.00
MW-69	d	Bromoform	75-25-2	ug/L	9/19/2023		<5.00
MW-69	d	Bromomethane	74-83-9	ug/L	9/19/2023		<4.00
MW-69	d	2-Butanone	78-93-3	ug/L	9/19/2023		<10.0
MW-69	d	Carbon Disulfide	75-15-0	ug/L	9/19/2023		<1.00
MW-69	d	Carbon Tetrachloride	56-23-5	ug/L	9/19/2023		<2.00
MW-69	d	Chlorobenzene	108-90-7	ug/L	9/19/2023		<1.00
MW-69	d	Chlorodibromomethane	124-48-1	ug/L	9/19/2023		<5.00
MW-69	d	Chloroethane	75-00-3	ug/L	9/19/2023		<4.00
MW-69	d	Chloroform	67-66-3	ug/L	9/19/2023		<3.00
MW-69	d	Chloromethane	74-87-3	ug/L	9/19/2023		<3.00
MW-69	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/19/2023		2.48
MW-69	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/19/2023		<5.00
MW-69	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/19/2023		<5.00
MW-69	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/19/2023		<1.00
MW-69	d	Methylene Bromide	74-95-3	ug/L	9/19/2023		<1.00
MW-69	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/19/2023		<1.00
MW-69	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/19/2023		<1.00
MW-69	d	1,1-Dichloroethane	75-34-3	ug/L	9/19/2023		1.33
MW-69	d	1,2-Dichloroethane	107-06-2	ug/L	9/19/2023		<1.00
MW-69	d	1,1-Dichloroethene	75-35-4	ug/L	9/19/2023		<2.00
MW-69	d	1,2-Dichloropropane	78-87-5	ug/L	9/19/2023		<1.00
MW-69	d	Ethylbenzene	100-41-4	ug/L	9/19/2023		<1.00
MW-69	d	2-Hexanone	591-78-6	ug/L	9/19/2023		<10.0
MW-69	d	Iodomethane	74-88-4	ug/L	9/19/2023		<10.0
MW-69	d	Methylene Chloride	75-09-2	ug/L	9/19/2023		<5.00
MW-69	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/19/2023		<10.0
MW-69	d	Styrene	100-42-5	ug/L	9/19/2023		<1.00
MW-69	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/19/2023		<1.00
MW-69	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/19/2023		<1.00
MW-69	d	Tetrachloroethene	127-18-4	ug/L	9/19/2023		<1.00
MW-69	d	Toluene	108-88-3	ug/L	9/19/2023		<1.00
MW-69	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/19/2023		<10.0
MW-69	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/19/2023		<1.00
MW-69	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/19/2023		<5.00
MW-69	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/19/2023		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-69	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/19/2023		<1.00
MW-69	d	Trichloroethene	79-01-6	ug/L	9/19/2023		<1.00
MW-69	d	Trichlorofluoromethane	75-69-4	ug/L	9/19/2023		<4.00
MW-69	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/19/2023		<1.00
MW-69	d	Vinyl Acetate	108-05-4	ug/L	9/19/2023		<10.0
MW-69	d	Vinyl Chloride	75-01-4	ug/L	9/19/2023		1.67
MW-69	d	Xylenes, total	1330-20-7	ug/L	9/19/2023		<3.00
MW-69	d	Total Suspended Solids	TSS	mg/L	9/19/2023		22.7
MW-18	d	Antimony	7440-36-0	mg/L	9/19/2023	*+	<0.00200
MW-18	d	Arsenic	7440-38-2	mg/L	9/19/2023		<0.00200
MW-18	d	Barium	7440-39-3	mg/L	9/19/2023		0.119
MW-18	d	Beryllium	7440-41-7	mg/L	9/19/2023		<0.00100
MW-18	d	Cadmium	7440-43-9	mg/L	9/19/2023		<0.000200
MW-18	d	Chromium	7440-47-3	mg/L	9/19/2023		<0.00500
MW-18	d	Cobalt	7440-48-4	mg/L	9/19/2023		0.000866
MW-18	d	Copper	7440-50-8	mg/L	9/19/2023		<0.00500
MW-18	d	Lead	7439-92-1	mg/L	9/19/2023		<0.000500
MW-18	d	Nickel	7440-02-0	mg/L	9/19/2023	J	0.00243
MW-18	d	Selenium	7782-49-2	mg/L	9/19/2023		<0.00500
MW-18	d	Silver	7440-22-4	mg/L	9/19/2023		<0.00100
MW-18	d	Thallium	7440-28-0	mg/L	9/19/2023		<0.00100
MW-18	d	Vanadium	7440-62-2	mg/L	9/19/2023		<0.00500
MW-18	d	Zinc	7440-66-6	mg/L	9/19/2023		<0.0200
MW-18	d	Aldrin	309-00-2	ug/L	9/19/2023		<0.0604
MW-18	d	Acetone	67-64-1	ug/L	9/19/2023		<10.0
MW-18	d	Acrylonitrile	107-13-1	ug/L	9/19/2023		<5.00
MW-18	d	Benzene	71-43-2	ug/L	9/19/2023		<0.500
MW-18	d	Bromochloromethane	74-97-5	ug/L	9/19/2023		<5.00
MW-18	d	Bromodichloromethane	75-27-4	ug/L	9/19/2023		<1.00
MW-18	d	Bromoform	75-25-2	ug/L	9/19/2023		<5.00
MW-18	d	Bromomethane	74-83-9	ug/L	9/19/2023		<4.00
MW-18	d	2-Butanone	78-93-3	ug/L	9/19/2023		<10.0
MW-18	d	Carbon Disulfide	75-15-0	ug/L	9/19/2023		<1.00
MW-18	d	Carbon Tetrachloride	56-23-5	ug/L	9/19/2023		<2.00
MW-18	d	Chlorobenzene	108-90-7	ug/L	9/19/2023		<1.00
MW-18	d	Chlorodibromomethane	124-48-1	ug/L	9/19/2023		<5.00
MW-18	d	Chloroethane	75-00-3	ug/L	9/19/2023		<4.00
MW-18	d	Chloroform	67-66-3	ug/L	9/19/2023		<3.00
MW-18	d	Chloromethane	74-87-3	ug/L	9/19/2023		<3.00
MW-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/19/2023		<1.00
MW-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/19/2023		<5.00
MW-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/19/2023		<5.00
MW-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/19/2023		<1.00
MW-18	d	Methylene Bromide	74-95-3	ug/L	9/19/2023		<1.00
MW-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/19/2023		<1.00
MW-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/19/2023		<1.00
MW-18	d	1,1-Dichloroethane	75-34-3	ug/L	9/19/2023		<1.00
MW-18	d	1,2-Dichloroethane	107-06-2	ug/L	9/19/2023		<1.00
MW-18	d	1,1-Dichloroethene	75-35-4	ug/L	9/19/2023		<2.00
MW-18	d	1,2-Dichloropropane	78-87-5	ug/L	9/19/2023		<1.00
MW-18	d	Ethylbenzene	100-41-4	ug/L	9/19/2023		<1.00
MW-18	d	2-Hexanone	591-78-6	ug/L	9/19/2023		<10.0
MW-18	d	Iodomethane	74-88-4	ug/L	9/19/2023		<10.0
MW-18	d	Methylene Chloride	75-09-2	ug/L	9/19/2023		<5.00
MW-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/19/2023		<10.0
MW-18	d	Styrene	100-42-5	ug/L	9/19/2023		<1.00
MW-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/19/2023		<1.00
MW-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/19/2023		<1.00
MW-18	d	Tetrachloroethene	127-18-4	ug/L	9/19/2023		<1.00
MW-18	d	Toluene	108-88-3	ug/L	9/19/2023		<1.00
MW-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/19/2023		<10.0
MW-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/19/2023		<1.00
MW-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/19/2023		<5.00
MW-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/19/2023		<1.00
MW-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/19/2023		<1.00
MW-18	d	Trichloroethene	79-01-6	ug/L	9/19/2023		<1.00
MW-18	d	Trichlorofluoromethane	75-69-4	ug/L	9/19/2023		<4.00
MW-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/19/2023		<1.00
MW-18	d	Vinyl Acetate	108-05-4	ug/L	9/19/2023		<10.0
MW-18	d	Vinyl Chloride	75-01-4	ug/L	9/19/2023		<1.00
MW-18	d	Xylenes, total	1330-20-7	ug/L	9/19/2023		<3.00
MW-18	d	Total Suspended Solids	TSS	mg/L	9/19/2023		3.38
MW-58	d	Antimony	7440-36-0	mg/L	9/19/2023	*+	<0.00200
MW-58	d	Arsenic	7440-38-2	mg/L	9/19/2023		0.0381
MW-58	d	Barium	7440-39-3	mg/L	9/19/2023		0.61
MW-58	d	Beryllium	7440-41-7	mg/L	9/19/2023		<0.00100
MW-58	d	Cadmium	7440-43-9	mg/L	9/19/2023		<0.000200
MW-58	d	Chromium	7440-47-3	mg/L	9/19/2023		<0.00500
MW-58	d	Cobalt	7440-48-4	mg/L	9/19/2023		0.000945
MW-58	d	Copper	7440-50-8	mg/L	9/19/2023		<0.00500
MW-58	d	Lead	7439-92-1	mg/L	9/19/2023	J	0.000242
MW-58	d	Nickel	7440-02-0	mg/L	9/19/2023		0.0459
MW-58	d	Selenium	7782-49-2	mg/L	9/19/2023		<0.00500
MW-58	d	Silver	7440-22-4	mg/L	9/19/2023		<0.00100
MW-58	d	Thallium	7440-28-0	mg/L	9/19/2023		<0.00100
MW-58	d	Vanadium	7440-62-2	mg/L	9/19/2023		<0.00500
MW-58	d	Zinc	7440-66-6	mg/L	9/19/2023	J	0.0184

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	Alpha-BHC	319-84-6	ug/L	9/19/2023		<0.0627
MW-58	d	Beta-BHC	319-85-7	ug/L	9/19/2023		<0.0627
MW-58	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/19/2023		<0.0627
MW-58	d	4,4`-DDD	72-54-8	ug/L	9/19/2023		<0.0627
MW-58	d	Heptachlor	76-44-8	ug/L	9/19/2023		<0.0627
MW-58	d	Acetone	67-64-1	ug/L	9/19/2023		<10.0
MW-58	d	Acrylonitrile	107-13-1	ug/L	9/19/2023		<5.00
MW-58	d	Benzene	71-43-2	ug/L	9/19/2023		5.26
MW-58	d	Bromochloromethane	74-97-5	ug/L	9/19/2023		<5.00
MW-58	d	Bromodichloromethane	75-27-4	ug/L	9/19/2023		<1.00
MW-58	d	Bromoform	75-25-2	ug/L	9/19/2023		<5.00
MW-58	d	Bromomethane	74-83-9	ug/L	9/19/2023		<4.00
MW-58	d	2-Butanone	78-93-3	ug/L	9/19/2023		<10.0
MW-58	d	Carbon Disulfide	75-15-0	ug/L	9/19/2023		<1.00
MW-58	d	Carbon Tetrachloride	56-23-5	ug/L	9/19/2023		<2.00
MW-58	d	Chlorobenzene	108-90-7	ug/L	9/19/2023		9.53
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	9/19/2023		<5.00
MW-58	d	Chloroethane	75-00-3	ug/L	9/19/2023	J	3.86
MW-58	d	Chloroform	67-66-3	ug/L	9/19/2023		<3.00
MW-58	d	Chloromethane	74-87-3	ug/L	9/19/2023		<3.00
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/19/2023		<1.00
MW-58	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/19/2023		<5.00
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/19/2023		<5.00
MW-58	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/19/2023		<1.00
MW-58	d	Methylene Bromide	74-95-3	ug/L	9/19/2023		<1.00
MW-58	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/19/2023		<1.00
MW-58	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/19/2023		<1.00
MW-58	d	1,1-Dichloroethane	75-34-3	ug/L	9/19/2023		<1.00
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	9/19/2023		<1.00
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	9/19/2023		<2.00
MW-58	d	1,2-Dichloropropane	78-87-5	ug/L	9/19/2023		<1.00
MW-58	d	Ethylbenzene	100-41-4	ug/L	9/19/2023		<1.00
MW-58	d	2-Hexanone	591-78-6	ug/L	9/19/2023		<10.0
MW-58	d	Iodomethane	74-88-4	ug/L	9/19/2023		<10.0
MW-58	d	Methylene Chloride	75-09-2	ug/L	9/19/2023		<5.00
MW-58	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/19/2023		<10.0
MW-58	d	Styrene	100-42-5	ug/L	9/19/2023		<1.00
MW-58	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/19/2023		<1.00
MW-58	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/19/2023		<1.00
MW-58	d	Tetrachloroethene	127-18-4	ug/L	9/19/2023		<1.00
MW-58	d	Toluene	108-88-3	ug/L	9/19/2023		<1.00
MW-58	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/19/2023		<10.0
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/19/2023		<1.00
MW-58	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/19/2023		<5.00
MW-58	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/19/2023		<1.00
MW-58	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/19/2023		<1.00
MW-58	d	Trichloroethene	79-01-6	ug/L	9/19/2023		<1.00
MW-58	d	Trichlorofluoromethane	75-69-4	ug/L	9/19/2023		<4.00
MW-58	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/19/2023		<1.00
MW-58	d	Vinyl Acetate	108-05-4	ug/L	9/19/2023		<10.0
MW-58	d	Vinyl Chloride	75-01-4	ug/L	9/19/2023		<1.00
MW-58	d	Xylenes, total	1330-20-7	ug/L	9/19/2023		<3.00
MW-58	d	2-Naphthylamine	91-59-8	ug/L	9/19/2023		<9.62
MW-32R	d	Antimony	7440-36-0	mg/L	9/19/2023	*+	<0.00200
MW-32R	d	Arsenic	7440-38-2	mg/L	9/19/2023	J	0.000789
MW-32R	d	Barium	7440-39-3	mg/L	9/19/2023		0.264
MW-32R	d	Beryllium	7440-41-7	mg/L	9/19/2023		<0.00100
MW-32R	d	Cadmium	7440-43-9	mg/L	9/19/2023	J	0.000154
MW-32R	d	Chromium	7440-47-3	mg/L	9/19/2023		<0.00500
MW-32R	d	Cobalt	7440-48-4	mg/L	9/19/2023		0.00171
MW-32R	d	Copper	7440-50-8	mg/L	9/19/2023	J	0.00232
MW-32R	d	Lead	7439-92-1	mg/L	9/19/2023		0.00313
MW-32R	d	Nickel	7440-02-0	mg/L	9/19/2023	J	0.00338
MW-32R	d	Selenium	7782-49-2	mg/L	9/19/2023		<0.00500
MW-32R	d	Silver	7440-22-4	mg/L	9/19/2023		<0.00100
MW-32R	d	Thallium	7440-28-0	mg/L	9/19/2023		<0.00100
MW-32R	d	Vanadium	7440-62-2	mg/L	9/19/2023	J	0.0041
MW-32R	d	Zinc	7440-66-6	mg/L	9/19/2023	J	0.00915
MW-32R	d	Sulfide	18496-25-8	mg/L	9/19/2023		<1.00
MW-32R	d	Total Suspended Solids	TSS	mg/L	9/19/2023		132
MW-32R	d	Total Organic Carbon	TOC	mg/L	9/19/2023		2.67
SW-101	d	Ammonia as N	7664-41-7	mg/L	9/21/2023	J	0.321
SW-101	d	Arsenic	7440-38-2	mg/L	9/21/2023		0.0104
SW-101	d	Cobalt	7440-48-4	mg/L	9/21/2023		0.00172
SW-101	d	Iron, Dissolved	D7439-89-6	mg/L	9/21/2023		<0.100
SW-101	d	Chloride	16887-00-6	mg/L	9/21/2023		54.3
SW-101	d	Total Suspended Solids	TSS	mg/L	9/21/2023		398
SW-101	d	Chemical Oxygen Demand	COD	mg/L	9/21/2023		46.3
SW-103	d	Ammonia as N	7664-41-7	mg/L	9/21/2023		0.577
SW-103	d	Arsenic	7440-38-2	mg/L	9/21/2023		0.0131
SW-103	d	Cobalt	7440-48-4	mg/L	9/21/2023		0.0218
SW-103	d	Iron, Dissolved	D7439-89-6	mg/L	9/21/2023		<0.100
SW-103	d	Chloride	16887-00-6	mg/L	9/21/2023		52.1
SW-103	d	Total Suspended Solids	TSS	mg/L	9/21/2023		3900
SW-103	d	Chemical Oxygen Demand	COD	mg/L	9/21/2023		198
SW-106	d	Ammonia as N	7664-41-7	mg/L	9/21/2023	J	0.269
SW-106	d	Arsenic	7440-38-2	mg/L	9/21/2023		0.00808

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
SW-106	d	Cobalt	7440-48-4	mg/L	9/21/2023		0.00107
SW-106	d	Iron, Dissolved	D7439-89-6	mg/L	9/21/2023		<0.100
SW-106	d	Chloride	16887-00-6	mg/L	9/21/2023		103
SW-106	d	Total Suspended Solids	TSS	mg/L	9/21/2023		39
SW-106	d	Chemical Oxygen Demand	COD	mg/L	9/21/2023		<25.0
SW-107	d	Ammonia as N	7664-41-7	mg/L	9/21/2023		<0.500
SW-107	d	Arsenic	7440-38-2	mg/L	9/21/2023		0.00458
SW-107	d	Cobalt	7440-48-4	mg/L	9/21/2023		0.000604
SW-107	d	Iron, Dissolved	D7439-89-6	mg/L	9/21/2023		<0.100
SW-107	d	Chloride	16887-00-6	mg/L	9/21/2023		129
SW-107	d	Total Suspended Solids	TSS	mg/L	9/21/2023		17.3
SW-107	d	Chemical Oxygen Demand	COD	mg/L	9/21/2023		29.2
MW-55	d	Antimony	7440-36-0	mg/L	9/21/2023		<0.00200
MW-55	d	Arsenic	7440-38-2	mg/L	9/21/2023		<0.00200
MW-55	d	Barium	7440-39-3	mg/L	9/21/2023		0.0587
MW-55	d	Beryllium	7440-41-7	mg/L	9/21/2023		<0.00100
MW-55	d	Cadmium	7440-43-9	mg/L	9/21/2023		<0.000200
MW-55	d	Chromium	7440-47-3	mg/L	9/21/2023		<0.00500
MW-55	d	Cobalt	7440-48-4	mg/L	9/21/2023		<0.000500
MW-55	d	Copper	7440-50-8	mg/L	9/21/2023		<0.00500
MW-55	d	Lead	7439-92-1	mg/L	9/21/2023	J	0.000276
MW-55	d	Nickel	7440-02-0	mg/L	9/21/2023		<0.00500
MW-55	d	Selenium	7782-49-2	mg/L	9/21/2023		<0.00500
MW-55	d	Silver	7440-22-4	mg/L	9/21/2023		<0.00100
MW-55	d	Thallium	7440-28-0	mg/L	9/21/2023		<0.00100
MW-55	d	Vanadium	7440-62-2	mg/L	9/21/2023		<0.00500
MW-55	d	Zinc	7440-66-6	mg/L	9/21/2023	J	0.0098
MW-55	d	Tin	7440-31-5	mg/L	9/21/2023		<0.00500
MW-55	d	Acetone	67-64-1	ug/L	9/21/2023		<10.0
MW-55	d	Acrylonitrile	107-13-1	ug/L	9/21/2023		<5.00
MW-55	d	Benzene	71-43-2	ug/L	9/21/2023		<0.500
MW-55	d	Bromochloromethane	74-97-5	ug/L	9/21/2023		<5.00
MW-55	d	Bromodichloromethane	75-27-4	ug/L	9/21/2023		<1.00
MW-55	d	Bromoform	75-25-2	ug/L	9/21/2023		<5.00
MW-55	d	Bromomethane	74-83-9	ug/L	9/21/2023		<4.00
MW-55	d	2-Butanone	78-93-3	ug/L	9/21/2023		<10.0
MW-55	d	Carbon Disulfide	75-15-0	ug/L	9/21/2023		<1.00
MW-55	d	Carbon Tetrachloride	56-23-5	ug/L	9/21/2023		<2.00
MW-55	d	Chlorobenzene	108-90-7	ug/L	9/21/2023		<1.00
MW-55	d	Chlorodibromomethane	124-48-1	ug/L	9/21/2023		<5.00
MW-55	d	Chloroethane	75-00-3	ug/L	9/21/2023		<4.00
MW-55	d	Chloroform	67-66-3	ug/L	9/21/2023		<3.00
MW-55	d	Chloromethane	74-87-3	ug/L	9/21/2023		<3.00
MW-55	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/21/2023		<1.00
MW-55	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/21/2023		<5.00
MW-55	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/21/2023		<5.00
MW-55	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/21/2023		<1.00
MW-55	d	Methylene Bromide	74-95-3	ug/L	9/21/2023		<1.00
MW-55	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/21/2023		<1.00
MW-55	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/21/2023		<1.00
MW-55	d	1,1-Dichloroethane	75-34-3	ug/L	9/21/2023		<1.00
MW-55	d	1,2-Dichloroethane	107-06-2	ug/L	9/21/2023		<1.00
MW-55	d	1,1-Dichloroethene	75-35-4	ug/L	9/21/2023		<2.00
MW-55	d	1,2-Dichloropropane	78-87-5	ug/L	9/21/2023		<1.00
MW-55	d	Ethylbenzene	100-41-4	ug/L	9/21/2023		<1.00
MW-55	d	2-Hexanone	591-78-6	ug/L	9/21/2023		<10.0
MW-55	d	Iodomethane	74-88-4	ug/L	9/21/2023		<10.0
MW-55	d	Methylene Chloride	75-09-2	ug/L	9/21/2023		<5.00
MW-55	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/21/2023		<10.0
MW-55	d	Styrene	100-42-5	ug/L	9/21/2023		<1.00
MW-55	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/21/2023		<1.00
MW-55	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/21/2023		<1.00
MW-55	d	Tetrachloroethene	127-18-4	ug/L	9/21/2023		<1.00
MW-55	d	Toluene	108-88-3	ug/L	9/21/2023		<1.00
MW-55	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/21/2023		<10.0
MW-55	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/21/2023		<1.00
MW-55	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/21/2023		<5.00
MW-55	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/21/2023		<1.00
MW-55	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/21/2023		<1.00
MW-55	d	Trichloroethene	79-01-6	ug/L	9/21/2023		<1.00
MW-55	d	Trichlorofluoromethane	75-69-4	ug/L	9/21/2023		<4.00
MW-55	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/21/2023		<1.00
MW-55	d	Vinyl Acetate	108-05-4	ug/L	9/21/2023		<10.0
MW-55	d	Vinyl Chloride	75-01-4	ug/L	9/21/2023		<1.00
MW-55	d	Xylenes, total	1330-20-7	ug/L	9/21/2023		<3.00
MW-55	d	Total Suspended Solids	TSS	mg/L	9/21/2023		7.75
MW-33R	d	Antimony	7440-36-0	mg/L	9/19/2023		<0.00200
MW-33R	d	Arsenic	7440-38-2	mg/L	9/19/2023		0.0113
MW-33R	d	Barium	7440-39-3	mg/L	9/19/2023		0.809
MW-33R	d	Beryllium	7440-41-7	mg/L	9/19/2023		<0.00100
MW-33R	d	Cadmium	7440-43-9	mg/L	9/19/2023		0.00029
MW-33R	d	Chromium	7440-47-3	mg/L	9/19/2023		<0.00500
MW-33R	d	Cobalt	7440-48-4	mg/L	9/19/2023		0.0111
MW-33R	d	Copper	7440-50-8	mg/L	9/19/2023	J	0.00467
MW-33R	d	Lead	7439-92-1	mg/L	9/19/2023		0.00108
MW-33R	d	Nickel	7440-02-0	mg/L	9/19/2023		0.00547
MW-33R	d	Selenium	7782-49-2	mg/L	9/19/2023		<0.00500

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	Silver	7440-22-4	mg/L	9/19/2023		<0.00100
MW-33R	d	Thallium	7440-28-0	mg/L	9/19/2023		<0.00100
MW-33R	d	Vanadium	7440-62-2	mg/L	9/19/2023	J	0.00152
MW-33R	d	Zinc	7440-66-6	mg/L	9/19/2023	J	0.00921
MW-33R	d	Tin	7440-31-5	mg/L	9/19/2023		<0.00500
MW-33R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/19/2023		<0.0640
MW-33R	d	Acetone	67-64-1	ug/L	9/19/2023		<10.0
MW-33R	d	Acrylonitrile	107-13-1	ug/L	9/19/2023		<5.00
MW-33R	d	Benzene	71-43-2	ug/L	9/19/2023		<0.500
MW-33R	d	Bromochloromethane	74-97-5	ug/L	9/19/2023		<5.00
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	9/19/2023		<1.00
MW-33R	d	Bromoform	75-25-2	ug/L	9/19/2023		<5.00
MW-33R	d	Bromomethane	74-83-9	ug/L	9/19/2023		<4.00
MW-33R	d	2-Butanone	78-93-3	ug/L	9/19/2023		<10.0
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	9/19/2023		<1.00
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	9/19/2023		<2.00
MW-33R	d	Chlorobenzene	108-90-7	ug/L	9/19/2023		<1.00
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	9/19/2023		<5.00
MW-33R	d	Chloroethane	75-00-3	ug/L	9/19/2023		<4.00
MW-33R	d	Chloroform	67-66-3	ug/L	9/19/2023		<3.00
MW-33R	d	Chloromethane	74-87-3	ug/L	9/19/2023		<3.00
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/19/2023		<1.00
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/19/2023		<5.00
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/19/2023		<5.00
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/19/2023		<1.00
MW-33R	d	Methylene Bromide	74-95-3	ug/L	9/19/2023		<1.00
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/19/2023		<1.00
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/19/2023		<1.00
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	9/19/2023		<1.00
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	9/19/2023		<1.00
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	9/19/2023		<2.00
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	9/19/2023		<1.00
MW-33R	d	Ethylbenzene	100-41-4	ug/L	9/19/2023		<1.00
MW-33R	d	2-Hexanone	591-78-6	ug/L	9/19/2023		<10.0
MW-33R	d	Iodomethane	74-88-4	ug/L	9/19/2023		<10.0
MW-33R	d	Methylene Chloride	75-09-2	ug/L	9/19/2023		<5.00
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/19/2023		<10.0
MW-33R	d	Styrene	100-42-5	ug/L	9/19/2023		<1.00
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/19/2023		<1.00
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/19/2023		<1.00
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	9/19/2023		<1.00
MW-33R	d	Toluene	108-88-3	ug/L	9/19/2023		<1.00
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/19/2023		<10.0
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/19/2023		<1.00
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/19/2023		<5.00
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/19/2023		<1.00
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/19/2023		<1.00
MW-33R	d	Trichloroethene	79-01-6	ug/L	9/19/2023		<1.00
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	9/19/2023		<4.00
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/19/2023		<1.00
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	9/19/2023		<10.0
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	9/19/2023		<1.00
MW-33R	d	Xylenes, total	1330-20-7	ug/L	9/19/2023		<3.00
MW-33R	d	Total Suspended Solids	TSS	mg/L	9/19/2023		111
MW-33R	d	Total Organic Carbon	TOC	mg/L	9/19/2023		1.75
MW-31R	d	Antimony	7440-36-0	mg/L	9/20/2023		<0.00200
MW-31R	d	Arsenic	7440-38-2	mg/L	9/20/2023		0.026
MW-31R	d	Barium	7440-39-3	mg/L	9/20/2023		0.607
MW-31R	d	Beryllium	7440-41-7	mg/L	9/20/2023		<0.00100
MW-31R	d	Cadmium	7440-43-9	mg/L	9/20/2023		<0.000200
MW-31R	d	Chromium	7440-47-3	mg/L	9/20/2023		<0.00500
MW-31R	d	Cobalt	7440-48-4	mg/L	9/20/2023		0.00591
MW-31R	d	Copper	7440-50-8	mg/L	9/20/2023		<0.00500
MW-31R	d	Lead	7439-92-1	mg/L	9/20/2023		<0.000500
MW-31R	d	Nickel	7440-02-0	mg/L	9/20/2023		<0.00500
MW-31R	d	Selenium	7782-49-2	mg/L	9/20/2023		<0.00500
MW-31R	d	Silver	7440-22-4	mg/L	9/20/2023		<0.00100
MW-31R	d	Thallium	7440-28-0	mg/L	9/20/2023		<0.00100
MW-31R	d	Vanadium	7440-62-2	mg/L	9/20/2023		<0.00500
MW-31R	d	Zinc	7440-66-6	mg/L	9/20/2023		<0.0200
MW-31R	d	Delta-BHC	319-86-8	ug/L	9/20/2023		<0.0640
MW-31R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/20/2023		<10.0
MW-31R	d	Di-n-octyl phthalate	117-84-0	ug/L	9/20/2023		<20.0
MW-31R	d	Total Suspended Solids	TSS	mg/L	9/20/2023		28.3
MW-31R	d	Total Organic Carbon	TOC	mg/L	9/20/2023		3.07
MW-62	d	Arsenic	7440-38-2	mg/L	9/21/2023	J	0.0018
MW-62	d	Total Suspended Solids	TSS	mg/L	9/21/2023		8.37
MW-54	d	Antimony	7440-36-0	mg/L	9/19/2023		<0.00200
MW-54	d	Arsenic	7440-38-2	mg/L	9/19/2023		0.0489
MW-54	d	Barium	7440-39-3	mg/L	9/19/2023		0.0582
MW-54	d	Beryllium	7440-41-7	mg/L	9/19/2023		<0.00100
MW-54	d	Cadmium	7440-43-9	mg/L	9/19/2023		<0.000200
MW-54	d	Chromium	7440-47-3	mg/L	9/19/2023		<0.00500
MW-54	d	Cobalt	7440-48-4	mg/L	9/19/2023		0.00141
MW-54	d	Copper	7440-50-8	mg/L	9/19/2023		<0.00500
MW-54	d	Lead	7439-92-1	mg/L	9/19/2023	J	0.00025
MW-54	d	Nickel	7440-02-0	mg/L	9/19/2023		0.00719

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-54	d	Selenium	7782-49-2	mg/L	9/19/2023		<0.00500
MW-54	d	Silver	7440-22-4	mg/L	9/19/2023		<0.00100
MW-54	d	Thallium	7440-28-0	mg/L	9/19/2023		<0.00100
MW-54	d	Vanadium	7440-62-2	mg/L	9/19/2023		<0.00500
MW-54	d	Zinc	7440-66-6	mg/L	9/19/2023		<0.0200
MW-54	d	Tin	7440-31-5	mg/L	9/19/2023		<0.00500
MW-54	d	Acetone	67-64-1	ug/L	9/19/2023		<10.0
MW-54	d	Acrylonitrile	107-13-1	ug/L	9/19/2023		<5.00
MW-54	d	Benzene	71-43-2	ug/L	9/19/2023		<0.500
MW-54	d	Bromochloromethane	74-97-5	ug/L	9/19/2023		<5.00
MW-54	d	Bromodichloromethane	75-27-4	ug/L	9/19/2023		<1.00
MW-54	d	Bromoform	75-25-2	ug/L	9/19/2023		<5.00
MW-54	d	Bromomethane	74-83-9	ug/L	9/19/2023		<4.00
MW-54	d	2-Butanone	78-93-3	ug/L	9/19/2023		<10.0
MW-54	d	Carbon Disulfide	75-15-0	ug/L	9/19/2023		<1.00
MW-54	d	Carbon Tetrachloride	56-23-5	ug/L	9/19/2023		<2.00
MW-54	d	Chlorobenzene	108-90-7	ug/L	9/19/2023		<1.00
MW-54	d	Chlorodibromomethane	124-48-1	ug/L	9/19/2023		<5.00
MW-54	d	Chloroethane	75-00-3	ug/L	9/19/2023		<4.00
MW-54	d	Chloroform	67-66-3	ug/L	9/19/2023		<3.00
MW-54	d	Chloromethane	74-87-3	ug/L	9/19/2023		<3.00
MW-54	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/19/2023		<1.00
MW-54	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/19/2023		<5.00
MW-54	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/19/2023		<5.00
MW-54	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/19/2023		<1.00
MW-54	d	Methylene Bromide	74-95-3	ug/L	9/19/2023		<1.00
MW-54	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/19/2023		<1.00
MW-54	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/19/2023		<1.00
MW-54	d	1,1-Dichloroethane	75-34-3	ug/L	9/19/2023		<1.00
MW-54	d	1,2-Dichloroethane	107-06-2	ug/L	9/19/2023		<1.00
MW-54	d	1,1-Dichloroethene	75-35-4	ug/L	9/19/2023		<2.00
MW-54	d	1,2-Dichloropropane	78-87-5	ug/L	9/19/2023		<1.00
MW-54	d	Ethylbenzene	100-41-4	ug/L	9/19/2023	J	0.705
MW-54	d	2-Hexanone	591-78-6	ug/L	9/19/2023		<10.0
MW-54	d	Iodomethane	74-88-4	ug/L	9/19/2023		<10.0
MW-54	d	Methylene Chloride	75-09-2	ug/L	9/19/2023		<5.00
MW-54	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/19/2023		<10.0
MW-54	d	Styrene	100-42-5	ug/L	9/19/2023		<1.00
MW-54	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/19/2023		<1.00
MW-54	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/19/2023		<1.00
MW-54	d	Tetrachloroethene	127-18-4	ug/L	9/19/2023		<1.00
MW-54	d	Toluene	108-88-3	ug/L	9/19/2023		<1.00
MW-54	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/19/2023		<10.0
MW-54	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/19/2023		<1.00
MW-54	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/19/2023		<5.00
MW-54	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/19/2023		<1.00
MW-54	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/19/2023		<1.00
MW-54	d	Trichloroethene	79-01-6	ug/L	9/19/2023		<1.00
MW-54	d	Trichlorofluoromethane	75-69-4	ug/L	9/19/2023		<4.00
MW-54	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/19/2023		<1.00
MW-54	d	Vinyl Acetate	108-05-4	ug/L	9/19/2023		<10.0
MW-54	d	Vinyl Chloride	75-01-4	ug/L	9/19/2023		<1.00
MW-54	d	Xylenes, total	1330-20-7	ug/L	9/19/2023		<3.00
MW-54	d	Total Suspended Solids	TSS	mg/L	9/19/2023		73.7
MW-54	d	Total Organic Carbon	TOC	mg/L	9/19/2023		8.23
MW-60	d	Arsenic	7440-38-2	mg/L	9/20/2023		<0.00200
MW-60	d	Cobalt	7440-48-4	mg/L	9/20/2023		<0.000500
MW-60	d	Total Suspended Solids	TSS	mg/L	9/20/2023		7
MW-73	d	Antimony	7440-36-0	mg/L	9/20/2023		<0.00200
MW-73	d	Arsenic	7440-38-2	mg/L	9/20/2023		0.00699
MW-73	d	Barium	7440-39-3	mg/L	9/20/2023		0.278
MW-73	d	Beryllium	7440-41-7	mg/L	9/20/2023		<0.00100
MW-73	d	Cadmium	7440-43-9	mg/L	9/20/2023	J	0.000173
MW-73	d	Chromium	7440-47-3	mg/L	9/20/2023		<0.00500
MW-73	d	Cobalt	7440-48-4	mg/L	9/20/2023		0.00528
MW-73	d	Copper	7440-50-8	mg/L	9/20/2023	J	0.00308
MW-73	d	Lead	7439-92-1	mg/L	9/20/2023		0.00106
MW-73	d	Nickel	7440-02-0	mg/L	9/20/2023		0.0182
MW-73	d	Selenium	7782-49-2	mg/L	9/20/2023		<0.00500
MW-73	d	Silver	7440-22-4	mg/L	9/20/2023		<0.00100
MW-73	d	Thallium	7440-28-0	mg/L	9/20/2023		<0.00100
MW-73	d	Vanadium	7440-62-2	mg/L	9/20/2023	J	0.00184
MW-73	d	Zinc	7440-66-6	mg/L	9/20/2023	J	0.0159
MW-73	d	Acetone	67-64-1	ug/L	9/20/2023		<10.0
MW-73	d	Acrylonitrile	107-13-1	ug/L	9/20/2023		<5.00
MW-73	d	Benzene	71-43-2	ug/L	9/20/2023		<0.500
MW-73	d	Bromochloromethane	74-97-5	ug/L	9/20/2023		<5.00
MW-73	d	Bromodichloromethane	75-27-4	ug/L	9/20/2023		<1.00
MW-73	d	Bromoform	75-25-2	ug/L	9/20/2023		<5.00
MW-73	d	Bromomethane	74-83-9	ug/L	9/20/2023		<4.00
MW-73	d	2-Butanone	78-93-3	ug/L	9/20/2023		<10.0
MW-73	d	Carbon Disulfide	75-15-0	ug/L	9/20/2023		<1.00
MW-73	d	Carbon Tetrachloride	56-23-5	ug/L	9/20/2023		<2.00
MW-73	d	Chlorobenzene	108-90-7	ug/L	9/20/2023		<1.00
MW-73	d	Chlorodibromomethane	124-48-1	ug/L	9/20/2023		<5.00
MW-73	d	Chloroethane	75-00-3	ug/L	9/20/2023		<4.00
MW-73	d	Chloroform	67-66-3	ug/L	9/20/2023		<3.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-73	d	Chloromethane	74-87-3	ug/L	9/20/2023		<3.00
MW-73	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/20/2023		<1.00
MW-73	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/20/2023		<5.00
MW-73	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/20/2023		<5.00
MW-73	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/20/2023		<1.00
MW-73	d	Methylene Bromide	74-95-3	ug/L	9/20/2023		<1.00
MW-73	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/20/2023		<1.00
MW-73	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/20/2023		<1.00
MW-73	d	1,1-Dichloroethane	75-34-3	ug/L	9/20/2023		<1.00
MW-73	d	1,2-Dichloroethane	107-06-2	ug/L	9/20/2023		<1.00
MW-73	d	1,1-Dichloroethene	75-35-4	ug/L	9/20/2023		<2.00
MW-73	d	1,2-Dichloropropane	78-87-5	ug/L	9/20/2023		<1.00
MW-73	d	Ethylbenzene	100-41-4	ug/L	9/20/2023		<1.00
MW-73	d	2-Hexanone	591-78-6	ug/L	9/20/2023		<10.0
MW-73	d	Iodomethane	74-88-4	ug/L	9/20/2023		<10.0
MW-73	d	Methylene Chloride	75-09-2	ug/L	9/20/2023		<5.00
MW-73	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/20/2023		<10.0
MW-73	d	Styrene	100-42-5	ug/L	9/20/2023		<1.00
MW-73	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/20/2023		<1.00
MW-73	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/20/2023		<1.00
MW-73	d	Tetrachloroethene	127-18-4	ug/L	9/20/2023		<1.00
MW-73	d	Toluene	108-88-3	ug/L	9/20/2023		<1.00
MW-73	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/20/2023		<10.0
MW-73	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/20/2023		<1.00
MW-73	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/20/2023		<5.00
MW-73	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/20/2023		<1.00
MW-73	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/20/2023		<1.00
MW-73	d	Trichloroethene	79-01-6	ug/L	9/20/2023		<1.00
MW-73	d	Trichlorofluoromethane	75-69-4	ug/L	9/20/2023		<4.00
MW-73	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/20/2023		<1.00
MW-73	d	Vinyl Acetate	108-05-4	ug/L	9/20/2023		<10.0
MW-73	d	Vinyl Chloride	75-01-4	ug/L	9/20/2023		<1.00
MW-73	d	Xylenes, total	1330-20-7	ug/L	9/20/2023		<3.00
MW-73	d	Total Suspended Solids	TSS	mg/L	9/20/2023		54.3
MW-73	d	Total Organic Carbon	TOC	mg/L	9/20/2023		4.68
MW-24R	u	Antimony	7440-36-0	mg/L	9/20/2023		<0.00200
MW-24R	u	Arsenic	7440-38-2	mg/L	9/20/2023		<0.00200
MW-24R	u	Barium	7440-39-3	mg/L	9/20/2023		0.292
MW-24R	u	Beryllium	7440-41-7	mg/L	9/20/2023		<0.00100
MW-24R	u	Cadmium	7440-43-9	mg/L	9/20/2023		<0.000200
MW-24R	u	Chromium	7440-47-3	mg/L	9/20/2023		<0.00500
MW-24R	u	Cobalt	7440-48-4	mg/L	9/20/2023		<0.000500
MW-24R	u	Copper	7440-50-8	mg/L	9/20/2023		<0.00500
MW-24R	u	Lead	7439-92-1	mg/L	9/20/2023		<0.000500
MW-24R	u	Nickel	7440-02-0	mg/L	9/20/2023		<0.00500
MW-24R	u	Selenium	7782-49-2	mg/L	9/20/2023	J	0.00214
MW-24R	u	Silver	7440-22-4	mg/L	9/20/2023		<0.00100
MW-24R	u	Thallium	7440-28-0	mg/L	9/20/2023		<0.00100
MW-24R	u	Vanadium	7440-62-2	mg/L	9/20/2023		<0.00500
MW-24R	u	Zinc	7440-66-6	mg/L	9/20/2023		<0.0200
MW-24R	u	Acetone	67-64-1	ug/L	9/20/2023		<10.0
MW-24R	u	Acrylonitrile	107-13-1	ug/L	9/20/2023		<5.00
MW-24R	u	Benzene	71-43-2	ug/L	9/20/2023		<0.500
MW-24R	u	Bromochloromethane	74-97-5	ug/L	9/20/2023		<5.00
MW-24R	u	Bromodichloromethane	75-27-4	ug/L	9/20/2023		<1.00
MW-24R	u	Bromoform	75-25-2	ug/L	9/20/2023		<5.00
MW-24R	u	Bromomethane	74-83-9	ug/L	9/20/2023		<4.00
MW-24R	u	2-Butanone	78-93-3	ug/L	9/20/2023		<10.0
MW-24R	u	Carbon Disulfide	75-15-0	ug/L	9/20/2023		<1.00
MW-24R	u	Carbon Tetrachloride	56-23-5	ug/L	9/20/2023		<2.00
MW-24R	u	Chlorobenzene	108-90-7	ug/L	9/20/2023		<1.00
MW-24R	u	Chlorodibromomethane	124-48-1	ug/L	9/20/2023		<5.00
MW-24R	u	Chloroethane	75-00-3	ug/L	9/20/2023		<4.00
MW-24R	u	Chloroform	67-66-3	ug/L	9/20/2023		<3.00
MW-24R	u	Chloromethane	74-87-3	ug/L	9/20/2023		<3.00
MW-24R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/20/2023		<1.00
MW-24R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/20/2023		<5.00
MW-24R	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/20/2023		<5.00
MW-24R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/20/2023		<1.00
MW-24R	u	Methylene Bromide	74-95-3	ug/L	9/20/2023		<1.00
MW-24R	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/20/2023		<1.00
MW-24R	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/20/2023		<1.00
MW-24R	u	1,1-Dichloroethane	75-34-3	ug/L	9/20/2023		<1.00
MW-24R	u	1,2-Dichloroethane	107-06-2	ug/L	9/20/2023		<1.00
MW-24R	u	1,1-Dichloroethene	75-35-4	ug/L	9/20/2023		<2.00
MW-24R	u	1,2-Dichloropropane	78-87-5	ug/L	9/20/2023		<1.00
MW-24R	u	Ethylbenzene	100-41-4	ug/L	9/20/2023		<1.00
MW-24R	u	2-Hexanone	591-78-6	ug/L	9/20/2023		<10.0
MW-24R	u	Iodomethane	74-88-4	ug/L	9/20/2023		<10.0
MW-24R	u	Methylene Chloride	75-09-2	ug/L	9/20/2023		<5.00
MW-24R	u	4-Methyl-2-Pentanone	108-10-1	ug/L	9/20/2023		<10.0
MW-24R	u	Styrene	100-42-5	ug/L	9/20/2023		<1.00
MW-24R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/20/2023		<1.00
MW-24R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/20/2023		<1.00
MW-24R	u	Tetrachloroethene	127-18-4	ug/L	9/20/2023		<1.00
MW-24R	u	Toluene	108-88-3	ug/L	9/20/2023		<1.00
MW-24R	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/20/2023		<10.0

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-24R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/20/2023		<1.00
MW-24R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/20/2023		<5.00
MW-24R	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/20/2023		<1.00
MW-24R	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/20/2023		<1.00
MW-24R	u	Trichloroethene	79-01-6	ug/L	9/20/2023		<1.00
MW-24R	u	Trichlorofluoromethane	75-69-4	ug/L	9/20/2023		<4.00
MW-24R	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/20/2023		<1.00
MW-24R	u	Vinyl Acetate	108-05-4	ug/L	9/20/2023		<10.0
MW-24R	u	Vinyl Chloride	75-01-4	ug/L	9/20/2023		<1.00
MW-24R	u	Xylenes, total	1330-20-7	ug/L	9/20/2023		<3.00
MW-24R	u	Total Suspended Solids	TSS	mg/L	9/20/2023		5.5
MW-24R	u	Total Organic Carbon	TOC	mg/L	9/20/2023	J	0.998
MW-28	d	Antimony	7440-36-0	mg/L	9/20/2023		<0.00200
MW-28	d	Arsenic	7440-38-2	mg/L	9/20/2023		0.00712
MW-28	d	Barium	7440-39-3	mg/L	9/20/2023		0.0708
MW-28	d	Beryllium	7440-41-7	mg/L	9/20/2023		<0.00100
MW-28	d	Cadmium	7440-43-9	mg/L	9/20/2023		<0.000200
MW-28	d	Chromium	7440-47-3	mg/L	9/20/2023		<0.00500
MW-28	d	Cobalt	7440-48-4	mg/L	9/20/2023	J	0.000237
MW-28	d	Copper	7440-50-8	mg/L	9/20/2023		<0.00500
MW-28	d	Lead	7439-92-1	mg/L	9/20/2023		<0.000500
MW-28	d	Nickel	7440-02-0	mg/L	9/20/2023		<0.00500
MW-28	d	Selenium	7782-49-2	mg/L	9/20/2023		<0.00500
MW-28	d	Silver	7440-22-4	mg/L	9/20/2023		<0.00100
MW-28	d	Thallium	7440-28-0	mg/L	9/20/2023		<0.00100
MW-28	d	Vanadium	7440-62-2	mg/L	9/20/2023		<0.00500
MW-28	d	Zinc	7440-66-6	mg/L	9/20/2023		<0.0200
MW-28	d	Acetone	67-64-1	ug/L	9/20/2023		<10.0
MW-28	d	Acrylonitrile	107-13-1	ug/L	9/20/2023		<5.00
MW-28	d	Benzene	71-43-2	ug/L	9/20/2023		<0.500
MW-28	d	Bromochloromethane	74-97-5	ug/L	9/20/2023		<5.00
MW-28	d	Bromodichloromethane	75-27-4	ug/L	9/20/2023		<1.00
MW-28	d	Bromoform	75-25-2	ug/L	9/20/2023		<5.00
MW-28	d	Bromomethane	74-83-9	ug/L	9/20/2023		<4.00
MW-28	d	2-Butanone	78-93-3	ug/L	9/20/2023		<10.0
MW-28	d	Carbon Disulfide	75-15-0	ug/L	9/20/2023		<1.00
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	9/20/2023		<2.00
MW-28	d	Chlorobenzene	108-90-7	ug/L	9/20/2023		<1.00
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	9/20/2023		<5.00
MW-28	d	Chloroethane	75-00-3	ug/L	9/20/2023		<4.00
MW-28	d	Chloroform	67-66-3	ug/L	9/20/2023		<3.00
MW-28	d	Chloromethane	74-87-3	ug/L	9/20/2023		<3.00
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/20/2023		<1.00
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/20/2023		<5.00
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/20/2023		<5.00
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/20/2023		<1.00
MW-28	d	Methylene Bromide	74-95-3	ug/L	9/20/2023		<1.00
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/20/2023		<1.00
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/20/2023		<1.00
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	9/20/2023		<1.00
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	9/20/2023		<1.00
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	9/20/2023		<2.00
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	9/20/2023		<1.00
MW-28	d	Ethylbenzene	100-41-4	ug/L	9/20/2023		<1.00
MW-28	d	2-Hexanone	591-78-6	ug/L	9/20/2023		<10.0
MW-28	d	Iodomethane	74-88-4	ug/L	9/20/2023		<10.0
MW-28	d	Methylene Chloride	75-09-2	ug/L	9/20/2023		<5.00
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/20/2023		<10.0
MW-28	d	Styrene	100-42-5	ug/L	9/20/2023		<1.00
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/20/2023		<1.00
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/20/2023		<1.00
MW-28	d	Tetrachloroethene	127-18-4	ug/L	9/20/2023		<1.00
MW-28	d	Toluene	108-88-3	ug/L	9/20/2023		<1.00
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/20/2023		<10.0
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/20/2023		<1.00
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/20/2023		<5.00
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/20/2023		<1.00
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/20/2023		<1.00
MW-28	d	Trichloroethene	79-01-6	ug/L	9/20/2023		<1.00
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	9/20/2023		<4.00
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/20/2023		<1.00
MW-28	d	Vinyl Acetate	108-05-4	ug/L	9/20/2023		<10.0
MW-28	d	Vinyl Chloride	75-01-4	ug/L	9/20/2023		<1.00
MW-28	d	Xylenes, total	1330-20-7	ug/L	9/20/2023		<3.00
MW-28	d	Total Suspended Solids	TSS	mg/L	9/20/2023		6.25
MW-23	u	Antimony	7440-36-0	mg/L	9/20/2023		<0.00200
MW-23	u	Arsenic	7440-38-2	mg/L	9/20/2023	J	0.000793
MW-23	u	Barium	7440-39-3	mg/L	9/20/2023		0.142
MW-23	u	Beryllium	7440-41-7	mg/L	9/20/2023		<0.00100
MW-23	u	Cadmium	7440-43-9	mg/L	9/20/2023	J	0.000139
MW-23	u	Chromium	7440-47-3	mg/L	9/20/2023		<0.00500
MW-23	u	Cobalt	7440-48-4	mg/L	9/20/2023		0.000863
MW-23	u	Copper	7440-50-8	mg/L	9/20/2023		<0.00500
MW-23	u	Lead	7439-92-1	mg/L	9/20/2023		<0.000500
MW-23	u	Nickel	7440-02-0	mg/L	9/20/2023	J	0.00211
MW-23	u	Selenium	7782-49-2	mg/L	9/20/2023		<0.00500
MW-23	u	Silver	7440-22-4	mg/L	9/20/2023		<0.00100

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-23	u	Thallium	7440-28-0	mg/L	9/20/2023		<0.00100
MW-23	u	Vanadium	7440-62-2	mg/L	9/20/2023		<0.00500
MW-23	u	Zinc	7440-66-6	mg/L	9/20/2023		<0.0200
MW-23	u	Acetone	67-64-1	ug/L	9/20/2023		<10.0
MW-23	u	Acrylonitrile	107-13-1	ug/L	9/20/2023		<5.00
MW-23	u	Benzene	71-43-2	ug/L	9/20/2023		<0.500
MW-23	u	Bromochloromethane	74-97-5	ug/L	9/20/2023		<5.00
MW-23	u	Bromodichloromethane	75-27-4	ug/L	9/20/2023		<1.00
MW-23	u	Bromoform	75-25-2	ug/L	9/20/2023		<5.00
MW-23	u	Bromomethane	74-83-9	ug/L	9/20/2023		<4.00
MW-23	u	2-Butanone	78-93-3	ug/L	9/20/2023		<10.0
MW-23	u	Carbon Disulfide	75-15-0	ug/L	9/20/2023		<1.00
MW-23	u	Carbon Tetrachloride	56-23-5	ug/L	9/20/2023		<2.00
MW-23	u	Chlorobenzene	108-90-7	ug/L	9/20/2023		<1.00
MW-23	u	Chlorodibromomethane	124-48-1	ug/L	9/20/2023		<5.00
MW-23	u	Chloroethane	75-00-3	ug/L	9/20/2023		<4.00
MW-23	u	Chloroform	67-66-3	ug/L	9/20/2023		<3.00
MW-23	u	Chloromethane	74-87-3	ug/L	9/20/2023		<3.00
MW-23	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/20/2023		<1.00
MW-23	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/20/2023		<5.00
MW-23	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/20/2023		<5.00
MW-23	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/20/2023		<1.00
MW-23	u	Methylene Bromide	74-95-3	ug/L	9/20/2023		<1.00
MW-23	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/20/2023		<1.00
MW-23	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/20/2023		<1.00
MW-23	u	1,1-Dichloroethane	75-34-3	ug/L	9/20/2023		<1.00
MW-23	u	1,2-Dichloroethane	107-06-2	ug/L	9/20/2023		<1.00
MW-23	u	1,1-Dichloroethene	75-35-4	ug/L	9/20/2023		<2.00
MW-23	u	1,2-Dichloropropane	78-87-5	ug/L	9/20/2023		<1.00
MW-23	u	Ethylbenzene	100-41-4	ug/L	9/20/2023		<1.00
MW-23	u	2-Hexanone	591-78-6	ug/L	9/20/2023		<10.0
MW-23	u	Iodomethane	74-88-4	ug/L	9/20/2023		<10.0
MW-23	u	Methylene Chloride	75-09-2	ug/L	9/20/2023		<5.00
MW-23	u	4-Methyl-2-Pentanone	108-10-1	ug/L	9/20/2023		<10.0
MW-23	u	Styrene	100-42-5	ug/L	9/20/2023		<1.00
MW-23	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/20/2023		<1.00
MW-23	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/20/2023		<1.00
MW-23	u	Tetrachloroethene	127-18-4	ug/L	9/20/2023		<1.00
MW-23	u	Toluene	108-88-3	ug/L	9/20/2023		<1.00
MW-23	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/20/2023		<10.0
MW-23	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/20/2023		<1.00
MW-23	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/20/2023		<5.00
MW-23	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/20/2023		<1.00
MW-23	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/20/2023		<1.00
MW-23	u	Trichloroethene	79-01-6	ug/L	9/20/2023		<1.00
MW-23	u	Trichlorofluoromethane	75-69-4	ug/L	9/20/2023		<4.00
MW-23	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/20/2023		<1.00
MW-23	u	Vinyl Acetate	108-05-4	ug/L	9/20/2023		<10.0
MW-23	u	Vinyl Chloride	75-01-4	ug/L	9/20/2023		<1.00
MW-23	u	Xylenes, total	1330-20-7	ug/L	9/20/2023		<3.00
MW-23	u	Total Suspended Solids	TSS	mg/L	9/20/2023		4.38
GU-3A	d	Antimony	7440-36-0	mg/L	9/20/2023		<0.00200
GU-3A	d	Arsenic	7440-38-2	mg/L	9/20/2023	J	0.0011
GU-3A	d	Barium	7440-39-3	mg/L	9/20/2023		0.0434
GU-3A	d	Beryllium	7440-41-7	mg/L	9/20/2023		<0.00100
GU-3A	d	Cadmium	7440-43-9	mg/L	9/20/2023		<0.000200
GU-3A	d	Chromium	7440-47-3	mg/L	9/20/2023		<0.00500
GU-3A	d	Cobalt	7440-48-4	mg/L	9/20/2023		0.00448
GU-3A	d	Copper	7440-50-8	mg/L	9/20/2023		<0.00500
GU-3A	d	Lead	7439-92-1	mg/L	9/20/2023		<0.000500
GU-3A	d	Nickel	7440-02-0	mg/L	9/20/2023		0.00934
GU-3A	d	Selenium	7782-49-2	mg/L	9/20/2023		<0.00500
GU-3A	d	Silver	7440-22-4	mg/L	9/20/2023		<0.00100
GU-3A	d	Thallium	7440-28-0	mg/L	9/20/2023		<0.00100
GU-3A	d	Vanadium	7440-62-2	mg/L	9/20/2023		<0.00500
GU-3A	d	Zinc	7440-66-6	mg/L	9/20/2023	J	0.0116
GU-3A	d	Acetone	67-64-1	ug/L	9/20/2023	J	3.23
GU-3A	d	Acrylonitrile	107-13-1	ug/L	9/20/2023		<5.00
GU-3A	d	Benzene	71-43-2	ug/L	9/20/2023		<0.500
GU-3A	d	Bromochloromethane	74-97-5	ug/L	9/20/2023		<5.00
GU-3A	d	Bromodichloromethane	75-27-4	ug/L	9/20/2023		<1.00
GU-3A	d	Bromoform	75-25-2	ug/L	9/20/2023		<5.00
GU-3A	d	Bromomethane	74-83-9	ug/L	9/20/2023		<4.00
GU-3A	d	2-Butanone	78-93-3	ug/L	9/20/2023		<10.0
GU-3A	d	Carbon Disulfide	75-15-0	ug/L	9/20/2023		<1.00
GU-3A	d	Carbon Tetrachloride	56-23-5	ug/L	9/20/2023		<2.00
GU-3A	d	Chlorobenzene	108-90-7	ug/L	9/20/2023		<1.00
GU-3A	d	Chlorodibromomethane	124-48-1	ug/L	9/20/2023		<5.00
GU-3A	d	Chloroethane	75-00-3	ug/L	9/20/2023		<4.00
GU-3A	d	Chloroform	67-66-3	ug/L	9/20/2023		<3.00
GU-3A	d	Chloromethane	74-87-3	ug/L	9/20/2023		<3.00
GU-3A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/20/2023		<1.00
GU-3A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/20/2023		<5.00
GU-3A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/20/2023		<5.00
GU-3A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/20/2023		<1.00
GU-3A	d	Methylene Bromide	74-95-3	ug/L	9/20/2023		<1.00
GU-3A	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/20/2023		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
GU-3A	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/20/2023		<1.00
GU-3A	d	1,1-Dichloroethane	75-34-3	ug/L	9/20/2023		<1.00
GU-3A	d	1,2-Dichloroethane	107-06-2	ug/L	9/20/2023		<1.00
GU-3A	d	1,1-Dichloroethene	75-35-4	ug/L	9/20/2023		<2.00
GU-3A	d	1,2-Dichloropropane	78-87-5	ug/L	9/20/2023		<1.00
GU-3A	d	Ethylbenzene	100-41-4	ug/L	9/20/2023		<1.00
GU-3A	d	2-Hexanone	591-78-6	ug/L	9/20/2023		<10.0
GU-3A	d	Iodomethane	74-88-4	ug/L	9/20/2023		<10.0
GU-3A	d	Methylene Chloride	75-09-2	ug/L	9/20/2023		<5.00
GU-3A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/20/2023		<10.0
GU-3A	d	Styrene	100-42-5	ug/L	9/20/2023		<1.00
GU-3A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/20/2023		<1.00
GU-3A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/20/2023		<1.00
GU-3A	d	Tetrachloroethene	127-18-4	ug/L	9/20/2023		<1.00
GU-3A	d	Toluene	108-88-3	ug/L	9/20/2023		<1.00
GU-3A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/20/2023		<10.0
GU-3A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/20/2023		<1.00
GU-3A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/20/2023		<5.00
GU-3A	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/20/2023		<1.00
GU-3A	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/20/2023		<1.00
GU-3A	d	Trichloroethene	79-01-6	ug/L	9/20/2023		<1.00
GU-3A	d	Trichlorofluoromethane	75-69-4	ug/L	9/20/2023		<4.00
GU-3A	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/20/2023		<1.00
GU-3A	d	Vinyl Acetate	108-05-4	ug/L	9/20/2023		<10.0
GU-3A	d	Vinyl Chloride	75-01-4	ug/L	9/20/2023		<1.00
GU-3A	d	Xylenes, total	1330-20-7	ug/L	9/20/2023		<3.00
GU-3A	d	Total Suspended Solids	TSS	mg/L	9/20/2023		14.3
PZ-13	d	Arsenic	7440-38-2	mg/L	9/20/2023	J	0.000995
PZ-13	d	Cobalt	7440-48-4	mg/L	9/20/2023		<0.000500
PZ-13	d	Acetone	67-64-1	ug/L	9/20/2023		<10.0
PZ-13	d	Acrylonitrile	107-13-1	ug/L	9/20/2023		<5.00
PZ-13	d	Benzene	71-43-2	ug/L	9/20/2023		<0.500
PZ-13	d	Bromochloromethane	74-97-5	ug/L	9/20/2023		<5.00
PZ-13	d	Bromodichloromethane	75-27-4	ug/L	9/20/2023		<1.00
PZ-13	d	Bromoform	75-25-2	ug/L	9/20/2023		<5.00
PZ-13	d	Bromomethane	74-83-9	ug/L	9/20/2023		<4.00
PZ-13	d	2-Butanone	78-93-3	ug/L	9/20/2023		<10.0
PZ-13	d	Carbon Disulfide	75-15-0	ug/L	9/20/2023		<1.00
PZ-13	d	Carbon Tetrachloride	56-23-5	ug/L	9/20/2023		<2.00
PZ-13	d	Chlorobenzene	108-90-7	ug/L	9/20/2023		<1.00
PZ-13	d	Chlorodibromomethane	124-48-1	ug/L	9/20/2023		<5.00
PZ-13	d	Chloroethane	75-00-3	ug/L	9/20/2023		<4.00
PZ-13	d	Chloroform	67-66-3	ug/L	9/20/2023		<3.00
PZ-13	d	Chloromethane	74-87-3	ug/L	9/20/2023		<3.00
PZ-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/20/2023	J	0.386
PZ-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/20/2023		<5.00
PZ-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/20/2023		<5.00
PZ-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/20/2023		<1.00
PZ-13	d	Methylene Bromide	74-95-3	ug/L	9/20/2023		<1.00
PZ-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/20/2023		<1.00
PZ-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/20/2023		<1.00
PZ-13	d	1,1-Dichloroethane	75-34-3	ug/L	9/20/2023	J	0.276
PZ-13	d	1,2-Dichloroethane	107-06-2	ug/L	9/20/2023		<1.00
PZ-13	d	1,1-Dichloroethene	75-35-4	ug/L	9/20/2023		<2.00
PZ-13	d	1,2-Dichloropropane	78-87-5	ug/L	9/20/2023		<1.00
PZ-13	d	Ethylbenzene	100-41-4	ug/L	9/20/2023		<1.00
PZ-13	d	2-Hexanone	591-78-6	ug/L	9/20/2023		<10.0
PZ-13	d	Iodomethane	74-88-4	ug/L	9/20/2023		<10.0
PZ-13	d	Methylene Chloride	75-09-2	ug/L	9/20/2023		<5.00
PZ-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/20/2023		<10.0
PZ-13	d	Styrene	100-42-5	ug/L	9/20/2023		<1.00
PZ-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/20/2023		<1.00
PZ-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/20/2023		<1.00
PZ-13	d	Tetrachloroethene	127-18-4	ug/L	9/20/2023		<1.00
PZ-13	d	Toluene	108-88-3	ug/L	9/20/2023		<1.00
PZ-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/20/2023		<10.0
PZ-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/20/2023		<1.00
PZ-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/20/2023		<5.00
PZ-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/20/2023		<1.00
PZ-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/20/2023		<1.00
PZ-13	d	Trichloroethene	79-01-6	ug/L	9/20/2023		<1.00
PZ-13	d	Trichlorofluoromethane	75-69-4	ug/L	9/20/2023		<4.00
PZ-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/20/2023		<1.00
PZ-13	d	Vinyl Acetate	108-05-4	ug/L	9/20/2023		<10.0
PZ-13	d	Vinyl Chloride	75-01-4	ug/L	9/20/2023		<1.00
PZ-13	d	Xylenes, total	1330-20-7	ug/L	9/20/2023		<3.00
PZ-13	d	Total Suspended Solids	TSS	mg/L	9/20/2023		<1.88
MW-19	d	Antimony	7440-36-0	mg/L	9/19/2023		<0.00200
MW-19	d	Arsenic	7440-38-2	mg/L	9/19/2023		<0.00200
MW-19	d	Barium	7440-39-3	mg/L	9/19/2023		<0.00200
MW-19	d	Beryllium	7440-41-7	mg/L	9/19/2023		<0.00100
MW-19	d	Cadmium	7440-43-9	mg/L	9/19/2023		<0.000200
MW-19	d	Chromium	7440-47-3	mg/L	9/19/2023		<0.00500
MW-19	d	Cobalt	7440-48-4	mg/L	9/19/2023		<0.000500
MW-19	d	Copper	7440-50-8	mg/L	9/19/2023		<0.00500
MW-19	d	Lead	7439-92-1	mg/L	9/19/2023	J	0.00026
MW-19	d	Nickel	7440-02-0	mg/L	9/19/2023		<0.00500

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	Selenium	7782-49-2	mg/L	9/19/2023		<0.00500
MW-19	d	Silver	7440-22-4	mg/L	9/19/2023		<0.00100
MW-19	d	Thallium	7440-28-0	mg/L	9/19/2023		<0.00100
MW-19	d	Vanadium	7440-62-2	mg/L	9/19/2023		<0.00500
MW-19	d	Zinc	7440-66-6	mg/L	9/19/2023		<0.0200
MW-19	d	Acetone	67-64-1	ug/L	9/19/2023		<10.0
MW-19	d	Acrylonitrile	107-13-1	ug/L	9/19/2023		<5.00
MW-19	d	Benzene	71-43-2	ug/L	9/19/2023		<0.500
MW-19	d	Bromochloromethane	74-97-5	ug/L	9/19/2023		<5.00
MW-19	d	Bromodichloromethane	75-27-4	ug/L	9/19/2023		<1.00
MW-19	d	Bromoform	75-25-2	ug/L	9/19/2023		<5.00
MW-19	d	Bromomethane	74-83-9	ug/L	9/19/2023		<4.00
MW-19	d	2-Butanone	78-93-3	ug/L	9/19/2023		<10.0
MW-19	d	Carbon Disulfide	75-15-0	ug/L	9/19/2023		<1.00
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	9/19/2023		<2.00
MW-19	d	Chlorobenzene	108-90-7	ug/L	9/19/2023		<1.00
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	9/19/2023		<5.00
MW-19	d	Chloroethane	75-00-3	ug/L	9/19/2023		<4.00
MW-19	d	Chloroform	67-66-3	ug/L	9/19/2023		<3.00
MW-19	d	Chloromethane	74-87-3	ug/L	9/19/2023		<3.00
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/19/2023		<1.00
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/19/2023		<5.00
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/19/2023		<5.00
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/19/2023		<1.00
MW-19	d	Methylene Bromide	74-95-3	ug/L	9/19/2023		<1.00
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/19/2023		<1.00
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/19/2023		<1.00
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	9/19/2023		<1.00
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	9/19/2023		<1.00
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	9/19/2023		<2.00
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	9/19/2023		<1.00
MW-19	d	Ethylbenzene	100-41-4	ug/L	9/19/2023		<1.00
MW-19	d	2-Hexanone	591-78-6	ug/L	9/19/2023		<10.0
MW-19	d	Iodomethane	74-88-4	ug/L	9/19/2023		<10.0
MW-19	d	Methylene Chloride	75-09-2	ug/L	9/19/2023		<5.00
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/19/2023		<10.0
MW-19	d	Styrene	100-42-5	ug/L	9/19/2023		<1.00
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/19/2023		<1.00
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/19/2023		<1.00
MW-19	d	Tetrachloroethene	127-18-4	ug/L	9/19/2023		<1.00
MW-19	d	Toluene	108-88-3	ug/L	9/19/2023		<1.00
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/19/2023		<10.0
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/19/2023		<1.00
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/19/2023		<5.00
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/19/2023		<1.00
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/19/2023		<1.00
MW-19	d	Trichloroethene	79-01-6	ug/L	9/19/2023		<1.00
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	9/19/2023		<4.00
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/19/2023		<1.00
MW-19	d	Vinyl Acetate	108-05-4	ug/L	9/19/2023	0	<10.0
MW-19	d	Vinyl Chloride	75-01-4	ug/L	9/19/2023	0	<1.00
MW-19	d	Xylenes, total	1330-20-7	ug/L	9/19/2023	0	<3.00
MW-19	d	Total Suspended Solids	TSS	mg/L	9/19/2023	0	5.75
SW-107	d	Nitrate as N	14797-55-8	mg/L	10/11/2023	0	1.10
SW-107	d	Nitrate/Nitrite as N	1594-56-5xx	mg/L	10/11/2023	0	1.10
SW-107	d	Nitrite as N	14797-65-0	mg/L	10/11/2023	0	<0.200
MW-31R	d	Sulfide	18496-25-8	mg/L	10/11/2023	0	<1.00
MW-57R	d	Antimony	7440-36-0	mg/L	7/10/2024		<0.00200
MW-57R	d	Arsenic	7440-38-2	mg/L	7/10/2024		0.00532
MW-57R	d	Barium	7440-39-3	mg/L	7/10/2024		0.520
MW-57R	d	Beryllium	7440-41-7	mg/L	7/10/2024		<0.00100
MW-57R	d	Cadmium	7440-43-9	mg/L	7/10/2024		0.00134
MW-57R	d	Chromium	7440-47-3	mg/L	7/10/2024		<0.00500
MW-57R	d	Cobalt	7440-48-4	mg/L	7/10/2024		0.0291
MW-57R	d	Copper	7440-50-8	mg/L	7/10/2024	J	0.00399
MW-57R	d	Lead	7439-92-1	mg/L	7/10/2024		0.000558
MW-57R	d	Nickel	7440-02-0	mg/L	7/10/2024		0.0428
MW-57R	d	Selenium	7782-49-2	mg/L	7/10/2024		<0.00500
MW-57R	d	Silver	7440-22-4	mg/L	7/10/2024		<0.00100
MW-57R	d	Thallium	7440-28-0	mg/L	7/10/2024		<0.00100
MW-57R	d	Vanadium	7440-62-2	mg/L	7/10/2024	J	0.00257
MW-57R	d	Zinc	7440-66-6	mg/L	7/10/2024	J	0.0118
MW-57R	d	Tin	7440-31-5	mg/L	7/10/2024		<0.00500
MW-57R	d	Acetone	67-64-1	ug/L	7/10/2024		<10.0
MW-57R	d	Acrylonitrile	107-13-1	ug/L	7/10/2024		<5.00
MW-57R	d	Benzene	71-43-2	ug/L	7/10/2024		3.41
MW-57R	d	Bromochloromethane	74-97-5	ug/L	7/10/2024		<5.00
MW-57R	d	Bromodichloromethane	75-27-4	ug/L	7/10/2024		<1.00
MW-57R	d	Bromoform	75-25-2	ug/L	7/10/2024		<5.00
MW-57R	d	Bromomethane	74-83-9	ug/L	7/10/2024		<4.00
MW-57R	d	2-Butanone	78-93-3	ug/L	7/10/2024		<10.0
MW-57R	d	Carbon Disulfide	75-15-0	ug/L	7/10/2024		<1.00
MW-57R	d	Carbon Tetrachloride	56-23-5	ug/L	7/10/2024		<2.00
MW-57R	d	Chlorobenzene	108-90-7	ug/L	7/10/2024		<1.00
MW-57R	d	Chlorodibromomethane	124-48-1	ug/L	7/10/2024		<5.00
MW-57R	d	Chloroethane	75-00-3	ug/L	7/10/2024		<4.00
MW-57R	d	Chloroform	67-66-3	ug/L	7/10/2024		<3.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57R	d	Chloromethane	74-87-3	ug/L	7/10/2024		<3.00
MW-57R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2024		4.07
MW-57R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/10/2024		<5.00
MW-57R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/10/2024		<5.00
MW-57R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/10/2024		<1.00
MW-57R	d	Methylene Bromide	74-95-3	ug/L	7/10/2024		<1.00
MW-57R	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/10/2024		<1.00
MW-57R	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/10/2024		<1.00
MW-57R	d	1,1-Dichloroethane	75-34-3	ug/L	7/10/2024	J	0.648
MW-57R	d	1,2-Dichloroethane	107-06-2	ug/L	7/10/2024		<1.00
MW-57R	d	1,1-Dichloroethene	75-35-4	ug/L	7/10/2024		<2.00
MW-57R	d	1,2-Dichloropropane	78-87-5	ug/L	7/10/2024	J	0.490
MW-57R	d	Ethylbenzene	100-41-4	ug/L	7/10/2024		<1.00
MW-57R	d	2-Hexanone	591-78-6	ug/L	7/10/2024		<10.0
MW-57R	d	Iodomethane	74-88-4	ug/L	7/10/2024		<10.0
MW-57R	d	Methylene Chloride	75-09-2	ug/L	7/10/2024		<5.00
MW-57R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/10/2024		<10.0
MW-57R	d	Styrene	100-42-5	ug/L	7/10/2024		<1.00
MW-57R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/10/2024		<1.00
MW-57R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/10/2024		<1.00
MW-57R	d	Tetrachloroethene	127-18-4	ug/L	7/10/2024		<1.00
MW-57R	d	Toluene	108-88-3	ug/L	7/10/2024		<1.00
MW-57R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/10/2024		<10.0
MW-57R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/10/2024		1.36
MW-57R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/10/2024		<5.00
MW-57R	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/10/2024		<1.00
MW-57R	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/10/2024		<1.00
MW-57R	d	Trichloroethene	79-01-6	ug/L	7/10/2024		2.32
MW-57R	d	Trichlorofluoromethane	75-69-4	ug/L	7/10/2024		<4.00
MW-57R	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/10/2024		<1.00
MW-57R	d	Vinyl Acetate	108-05-4	ug/L	7/10/2024		<10.0
MW-57R	d	Vinyl Chloride	75-01-4	ug/L	7/10/2024		1.66
MW-57R	d	Xylenes, total	1330-20-7	ug/L	7/10/2024		<3.00
MW-57R	d	Total Organic Carbon	TOC	mg/L	7/10/2024		4.09
MW-57R	d	Total Suspended Solids	TSS	mg/L	7/10/2024		77.0
MW-73	d	Antimony	7440-36-0	mg/L	7/10/2024		<0.00200
MW-73	d	Arsenic	7440-38-2	mg/L	7/10/2024		0.00440
MW-73	d	Barium	7440-39-3	mg/L	7/10/2024		0.244
MW-73	d	Beryllium	7440-41-7	mg/L	7/10/2024		<0.00100
MW-73	d	Cadmium	7440-43-9	mg/L	7/10/2024		0.000232
MW-73	d	Chromium	7440-47-3	mg/L	7/10/2024		<0.00500
MW-73	d	Cobalt	7440-48-4	mg/L	7/10/2024		0.00312
MW-73	d	Copper	7440-50-8	mg/L	7/10/2024	J	0.00402
MW-73	d	Lead	7439-92-1	mg/L	7/10/2024	J	0.000490
MW-73	d	Nickel	7440-02-0	mg/L	7/10/2024		0.0106
MW-73	d	Selenium	7782-49-2	mg/L	7/10/2024		<0.00500
MW-73	d	Silver	7440-22-4	mg/L	7/10/2024		<0.00100
MW-73	d	Thallium	7440-28-0	mg/L	7/10/2024		<0.00100
MW-73	d	Vanadium	7440-62-2	mg/L	7/10/2024	J	0.00142
MW-73	d	Zinc	7440-66-6	mg/L	7/10/2024		0.0326
MW-73	d	Acetone	67-64-1	ug/L	7/10/2024		<10.0
MW-73	d	Acrylonitrile	107-13-1	ug/L	7/10/2024		<5.00
MW-73	d	Benzene	71-43-2	ug/L	7/10/2024		<0.500
MW-73	d	Bromochloromethane	74-97-5	ug/L	7/10/2024		<5.00
MW-73	d	Bromodichloromethane	75-27-4	ug/L	7/10/2024		<1.00
MW-73	d	Bromoform	75-25-2	ug/L	7/10/2024		<5.00
MW-73	d	Bromomethane	74-83-9	ug/L	7/10/2024		<4.00
MW-73	d	2-Butanone	78-93-3	ug/L	7/10/2024		<10.0
MW-73	d	Carbon Disulfide	75-15-0	ug/L	7/10/2024		<1.00
MW-73	d	Carbon Tetrachloride	56-23-5	ug/L	7/10/2024		<2.00
MW-73	d	Chlorobenzene	108-90-7	ug/L	7/10/2024		<1.00
MW-73	d	Chlorodibromomethane	124-48-1	ug/L	7/10/2024		<5.00
MW-73	d	Chloroethane	75-00-3	ug/L	7/10/2024		<4.00
MW-73	d	Chloroform	67-66-3	ug/L	7/10/2024		<3.00
MW-73	d	Chloromethane	74-87-3	ug/L	7/10/2024		<3.00
MW-73	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2024		<1.00
MW-73	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/10/2024		<5.00
MW-73	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/10/2024		<5.00
MW-73	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/10/2024		<1.00
MW-73	d	Methylene Bromide	74-95-3	ug/L	7/10/2024		<1.00
MW-73	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/10/2024		<1.00
MW-73	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/10/2024		<1.00
MW-73	d	1,1-Dichloroethane	75-34-3	ug/L	7/10/2024		<1.00
MW-73	d	1,2-Dichloroethane	107-06-2	ug/L	7/10/2024		<1.00
MW-73	d	1,1-Dichloroethene	75-35-4	ug/L	7/10/2024		<2.00
MW-73	d	1,2-Dichloropropane	78-87-5	ug/L	7/10/2024		<1.00
MW-73	d	Ethylbenzene	100-41-4	ug/L	7/10/2024		<1.00
MW-73	d	2-Hexanone	591-78-6	ug/L	7/10/2024		<10.0
MW-73	d	Iodomethane	74-88-4	ug/L	7/10/2024		<10.0
MW-73	d	Methylene Chloride	75-09-2	ug/L	7/10/2024		<5.00
MW-73	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/10/2024		<10.0
MW-73	d	Styrene	100-42-5	ug/L	7/10/2024		<1.00
MW-73	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/10/2024		<1.00
MW-73	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/10/2024		<1.00
MW-73	d	Tetrachloroethene	127-18-4	ug/L	7/10/2024		<1.00
MW-73	d	Toluene	108-88-3	ug/L	7/10/2024		<1.00
MW-73	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/10/2024		<10.0

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-73	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/10/2024		<1.00
MW-73	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/10/2024		<5.00
MW-73	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/10/2024		<1.00
MW-73	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/10/2024		<1.00
MW-73	d	Trichloroethene	79-01-6	ug/L	7/10/2024		<1.00
MW-73	d	Trichlorofluoromethane	75-69-4	ug/L	7/10/2024		<4.00
MW-73	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/10/2024		<1.00
MW-73	d	Vinyl Acetate	108-05-4	ug/L	7/10/2024		<10.0
MW-73	d	Vinyl Chloride	75-01-4	ug/L	7/10/2024		<1.00
MW-73	d	Xylenes, total	1330-20-7	ug/L	7/10/2024		<3.00
MW-73	d	Total Organic Carbon	TOC	mg/L	7/10/2024		4.53
MW-73	d	Total Suspended Solids	TSS	mg/L	7/10/2024		23.7
MW-18	d	Antimony	7440-36-0	mg/L	10/8/2024		<0.00200
MW-18	d	Arsenic	7440-38-2	mg/L	10/8/2024		<0.00200
MW-18	d	Barium	7440-39-3	mg/L	10/8/2024		0.136
MW-18	d	Beryllium	7440-41-7	mg/L	10/8/2024		<0.00100
MW-18	d	Cadmium	7440-43-9	mg/L	10/8/2024		<0.000200
MW-18	d	Chromium	7440-47-3	mg/L	10/8/2024		<0.00500
MW-18	d	Cobalt	7440-48-4	mg/L	10/8/2024		0.00122
MW-18	d	Copper	7440-50-8	mg/L	10/8/2024		<0.00500
MW-18	d	Lead	7439-92-1	mg/L	10/8/2024		<0.000500
MW-18	d	Nickel	7440-02-0	mg/L	10/8/2024		<0.00500
MW-18	d	Selenium	7782-49-2	mg/L	10/8/2024		<0.00500
MW-18	d	Silver	7440-22-4	mg/L	10/8/2024		<0.00100
MW-18	d	Thallium	7440-28-0	mg/L	10/8/2024	J	0.000783
MW-18	d	Tin	7440-31-5	mg/L	10/8/2024		<0.00500
MW-18	d	Vanadium	7440-62-2	mg/L	10/8/2024		<0.00500
MW-18	d	Zinc	7440-66-6	mg/L	10/8/2024		<0.0200
MW-18	d	Mercury	7439-97-6	mg/L	10/8/2024		0.000378
MW-18	d	Acetonitrile	75-05-8	mg/L	10/8/2024		<10.0
MW-18	d	Isobutanol	78-83-1	mg/L	10/8/2024		<10.0
MW-18	d	Aldrin	309-00-2	ug/L	10/8/2024		<0.0921
MW-18	d	Alpha-BHC	319-84-6	ug/L	10/8/2024		<0.0921
MW-18	d	Beta-BHC	319-85-7	ug/L	10/8/2024		<0.0921
MW-18	d	Gamma-BHC [Lindane]	58-89-9	ug/L	10/8/2024		<0.0921
MW-18	d	Chlordane	57-74-9	ug/L	10/8/2024		<1.84
MW-18	d	Delta-BHC	319-86-8	ug/L	10/8/2024		<0.0921
MW-18	d	Dieldrin	60-57-1	ug/L	10/8/2024		<0.0921
MW-18	d	4,4`-DDD	72-54-8	ug/L	10/8/2024		<0.0921
MW-18	d	4,4`-DDE	72-55-9	ug/L	10/8/2024		<0.0921
MW-18	d	4,4`-DDT	50-29-3	ug/L	10/8/2024		<0.0921
MW-18	d	Endosulfan I	959-98-8	ug/L	10/8/2024		<0.0921
MW-18	d	Endosulfan II	33213-65-9	ug/L	10/8/2024		<0.0921
MW-18	d	Endosulfan sulfate	1031-07-8	ug/L	10/8/2024		<0.0921
MW-18	d	Endrin	72-20-8	ug/L	10/8/2024		<0.0921
MW-18	d	Endrin aldehyde	7421-93-4	ug/L	10/8/2024		<0.0921
MW-18	d	Heptachlor	76-44-8	ug/L	10/8/2024		<0.0921
MW-18	d	Heptachlor Epoxide	1024-57-3	ug/L	10/8/2024		<0.0921
MW-18	d	Methoxychlor	72-43-5	ug/L	10/8/2024		<0.0921
MW-18	d	Toxaphene	8001-35-2	ug/L	10/8/2024		<1.84
MW-18	d	PCB-1016	12674-11-2	ug/L	10/8/2024		<1.84
MW-18	d	PCB-1221	11104-28-2	ug/L	10/8/2024		<1.84
MW-18	d	PCB-1232	11141-16-5	ug/L	10/8/2024		<1.84
MW-18	d	PCB-1242	53469-21-9	ug/L	10/8/2024		<1.84
MW-18	d	PCB-1248	12672-29-6	ug/L	10/8/2024		<1.84
MW-18	d	PCB-1254	11097-69-1	ug/L	10/8/2024		<1.84
MW-18	d	PCB-1260	11096-82-5	ug/L	10/8/2024		<1.84
MW-18	d	PCB-1268	11100-14-4	ug/L	10/8/2024		<1.84
MW-18	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	10/8/2024		<0.891
MW-18	d	2,4,5-T	93-76-5	ug/L	10/8/2024	*1	<0.891
MW-18	d	2,4-D [2C]	94-75-7	ug/L	10/8/2024	*1	<1.15
MW-18	d	Acetone	67-64-1	ug/L	10/8/2024		<10.0
MW-18	d	Acrolein	107-02-8	ug/L	10/8/2024		<10.0
MW-18	d	Acrylonitrile	107-13-1	ug/L	10/8/2024		<5.00
MW-18	d	3-Chloropropene	107-05-1	ug/L	10/8/2024		<2.00
MW-18	d	Benzene	71-43-2	ug/L	10/8/2024		<0.500
MW-18	d	Bromochloromethane	74-97-5	ug/L	10/8/2024		<5.00
MW-18	d	Bromodichloromethane	75-27-4	ug/L	10/8/2024		<1.00
MW-18	d	Bromoform	75-25-2	ug/L	10/8/2024		<5.00
MW-18	d	Bromomethane	74-83-9	ug/L	10/8/2024		<4.00
MW-18	d	2-Butanone	78-93-3	ug/L	10/8/2024		<10.0
MW-18	d	Carbon Disulfide	75-15-0	ug/L	10/8/2024		<1.00
MW-18	d	Carbon Tetrachloride	56-23-5	ug/L	10/8/2024		<2.00
MW-18	d	Chlorobenzene	108-90-7	ug/L	10/8/2024		<1.00
MW-18	d	Chlorodibromomethane	124-48-1	ug/L	10/8/2024		<5.00
MW-18	d	Chloroethane	75-00-3	ug/L	10/8/2024		<4.00
MW-18	d	Chloroform	67-66-3	ug/L	10/8/2024		<3.00
MW-18	d	Chloromethane	74-87-3	ug/L	10/8/2024		<3.00
MW-18	d	Chloroprene	126-99-8	ug/L	10/8/2024		<1.00
MW-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/8/2024		<1.00
MW-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/8/2024		<5.00
MW-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/8/2024		<5.00
MW-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/8/2024		<1.00
MW-18	d	Methylene Bromide	74-95-3	ug/L	10/8/2024		<1.00
MW-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/8/2024		<1.00
MW-18	d	1,3-Dichlorobenzene	541-73-1	ug/L	10/8/2024		<1.00
MW-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/8/2024		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-18	d	Dichlorodifluoromethane	75-71-8	ug/L	10/8/2024		<3.00
MW-18	d	1,1-Dichloroethane	75-34-3	ug/L	10/8/2024		<1.00
MW-18	d	1,2-Dichloroethane	107-06-2	ug/L	10/8/2024		<1.00
MW-18	d	1,1-Dichloroethene	75-35-4	ug/L	10/8/2024		<2.00
MW-18	d	1,2-Dichloropropane	78-87-5	ug/L	10/8/2024		<1.00
MW-18	d	1,3-Dichloropropane	142-28-9	ug/L	10/8/2024		<1.00
MW-18	d	2,2-Dichloropropane	594-20-7	ug/L	10/8/2024		<4.00
MW-18	d	1,1-Dichloropropene	563-58-6	ug/L	10/8/2024		<1.00
MW-18	d	Ethylbenzene	100-41-4	ug/L	10/8/2024		<1.00
MW-18	d	Ethyl Methacrylate	97-63-2	ug/L	10/8/2024		<2.00
MW-18	d	2-Hexanone	591-78-6	ug/L	10/8/2024		<10.0
MW-18	d	Iodomethane	74-88-4	ug/L	10/8/2024		<10.0
MW-18	d	Methacrylonitrile	126-98-7	ug/L	10/8/2024		<10.0
MW-18	d	Methylene Chloride	75-09-2	ug/L	10/8/2024		<5.00
MW-18	d	Methyl Methacrylate	80-62-6	ug/L	10/8/2024		<2.00
MW-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/8/2024		<10.0
MW-18	d	Naphthalene	91-20-3	ug/L	10/8/2024		<5.00
MW-18	d	Propionitrile	107-12-0	ug/L	10/8/2024		<10.0
MW-18	d	Styrene	100-42-5	ug/L	10/8/2024		<1.00
MW-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/8/2024		<1.00
MW-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/8/2024		<1.00
MW-18	d	Tetrachloroethene	127-18-4	ug/L	10/8/2024		<1.00
MW-18	d	Toluene	108-88-3	ug/L	10/8/2024		<1.00
MW-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/8/2024		<10.0
MW-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/8/2024		<1.00
MW-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/8/2024		<5.00
MW-18	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	10/8/2024		<5.00
MW-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/8/2024		<1.00
MW-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/8/2024		<1.00
MW-18	d	Trichloroethene	79-01-6	ug/L	10/8/2024		<1.00
MW-18	d	Trichlorofluoromethane	75-69-4	ug/L	10/8/2024		<4.00
MW-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/8/2024		<1.00
MW-18	d	Vinyl Acetate	108-05-4	ug/L	10/8/2024		<10.0
MW-18	d	Vinyl Chloride	75-01-4	ug/L	10/8/2024		<1.00
MW-18	d	Xylenes, total	1330-20-7	ug/L	10/8/2024		<3.00
MW-18	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	10/8/2024		<10.0
MW-18	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	10/8/2024		<10.0
MW-18	d	1,3-Dinitrobenzene	99-65-0	ug/L	10/8/2024		<10.0
MW-18	d	1,4-Naphthoquinone	130-15-4	ug/L	10/8/2024		<10.0
MW-18	d	1,4-Phenylenediamine	106-50-3	ug/L	10/8/2024		<10.0
MW-18	d	1-Naphthylamine	134-32-7	ug/L	10/8/2024		<10.0
MW-18	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	10/8/2024		<10.0
MW-18	d	2,4,5-Trichlorophenol	95-95-4	ug/L	10/8/2024		<10.0
MW-18	d	2,4,6-Trichlorophenol	88-06-2	ug/L	10/8/2024		<10.0
MW-18	d	2,4-Dichlorophenol	120-83-2	ug/L	10/8/2024		<10.0
MW-18	d	2,4-Dimethylphenol	105-67-9	ug/L	10/8/2024		<10.0
MW-18	d	2,4-Dinitrophenol	51-28-5	ug/L	10/8/2024		<20.0
MW-18	d	2,4-Dinitrotoluene	121-14-2	ug/L	10/8/2024		<10.0
MW-18	d	2,6-Dichlorophenol	87-65-0	ug/L	10/8/2024		<10.0
MW-18	d	2,6-Dinitrotoluene	606-20-2	ug/L	10/8/2024		<10.0
MW-18	d	2-Acetylaminofluorene	53-96-3	ug/L	10/8/2024		<10.0
MW-18	d	2-Chloronaphthalene	91-58-7	ug/L	10/8/2024		<10.0
MW-18	d	2-Chlorophenol	95-57-8	ug/L	10/8/2024		<10.0
MW-18	d	2-Methylnaphthalene	91-57-6	ug/L	10/8/2024		<10.0
MW-18	d	2-Methylphenol	95-48-7	ug/L	10/8/2024		<10.0
MW-18	d	2-Naphthylamine	91-59-8	ug/L	10/8/2024		<10.0
MW-18	d	2-Nitroaniline	88-74-4	ug/L	10/8/2024		<10.0
MW-18	d	2-Nitrophenol	88-75-5	ug/L	10/8/2024		<10.0
MW-18	d	3,3-Dichlorobenzidine	91-94-1	ug/L	10/8/2024		<10.0
MW-18	d	3,3-Dimethylbenzidine	119-93-7	ug/L	10/8/2024		<10.0
MW-18	d	3-Methylcholanthrene	56-49-5	ug/L	10/8/2024		<10.0
MW-18	d	3-Nitroaniline	99-09-2	ug/L	10/8/2024		<10.0
MW-18	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	10/8/2024		<10.0
MW-18	d	4-Aminobiphenyl	92-67-1	ug/L	10/8/2024		<10.0
MW-18	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	10/8/2024		<10.0
MW-18	d	4-Chloro-3-methylphenol	59-50-7	ug/L	10/8/2024		<10.0
MW-18	d	4-Chloroaniline	106-47-8	ug/L	10/8/2024		<10.0
MW-18	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	10/8/2024		<10.0
MW-18	d	3/4-Methylphenol	T-34MP	ug/L	10/8/2024		<10.0
MW-18	d	4-Nitroaniline	100-01-6	ug/L	10/8/2024		<10.0
MW-18	d	4-Nitrophenol	100-02-7	ug/L	10/8/2024		<10.0
MW-18	d	5-Nitro-o-toluidine	99-55-8	ug/L	10/8/2024		<10.0
MW-18	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	10/8/2024		<10.0
MW-18	d	Acenaphthene	83-32-9	ug/L	10/8/2024		<10.0
MW-18	d	Acenaphthylene	208-96-8	ug/L	10/8/2024		<10.0
MW-18	d	Acetophenone	98-86-2	ug/L	10/8/2024		<10.0
MW-18	d	Anthracene	120-12-7	ug/L	10/8/2024		<10.0
MW-18	d	Benzo [a] anthracene	56-55-3	ug/L	10/8/2024		<10.0
MW-18	d	Benzo [a] pyrene	50-32-8	ug/L	10/8/2024		<10.0
MW-18	d	Benzo [b] fluoranthene	205-99-2	ug/L	10/8/2024		<10.0
MW-18	d	Benzo [g,h,i] perylene	191-24-2	ug/L	10/8/2024		<10.0
MW-18	d	Benzo [k] fluoranthene	207-08-9	ug/L	10/8/2024		<10.0
MW-18	d	Benzyl alcohol	100-51-6	ug/L	10/8/2024		<10.0
MW-18	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	10/8/2024		<10.0
MW-18	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	10/8/2024		<10.0
MW-18	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	10/8/2024		<10.0
MW-18	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/8/2024		<10.0

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-18	d	Butyl benzyl phthalate	85-68-7	ug/L	10/8/2024		<10.0
MW-18	d	Chlorobenzilate	510-15-6	ug/L	10/8/2024		<10.0
MW-18	d	Chrysene	218-01-9	ug/L	10/8/2024		<10.0
MW-18	d	Diallate [cis or trans]	2303-16-4	ug/L	10/8/2024		<10.0
MW-18	d	Dibenz [a,h] anthracene	53-70-3	ug/L	10/8/2024		<10.0
MW-18	d	Dibenzofuran	132-64-9	ug/L	10/8/2024		<10.0
MW-18	d	Diethyl phthalate	84-66-2	ug/L	10/8/2024		<10.0
MW-18	d	Dimethoate	60-51-5	ug/L	10/8/2024		<10.0
MW-18	d	Dimethyl phthalate	131-11-3	ug/L	10/8/2024		<10.0
MW-18	d	Di-n-butyl phthalate	84-74-2	ug/L	10/8/2024		<10.0
MW-18	d	Di-n-octyl phthalate	117-84-0	ug/L	10/8/2024		<20.0
MW-18	d	Diphenylamine	122-39-4	ug/L	10/8/2024		<10.0
MW-18	d	Disulfoton	298-04-4	ug/L	10/8/2024		<10.0
MW-18	d	Ethyl Methanesulfonate	62-50-0	ug/L	10/8/2024		<10.0
MW-18	d	Parathion-Ethyl	56-38-2	ug/L	10/8/2024		<10.0
MW-18	d	Famphur	52-85-7	ug/L	10/8/2024		<10.0
MW-18	d	Fluoranthene	206-44-0	ug/L	10/8/2024		<10.0
MW-18	d	Fluorene	86-73-7	ug/L	10/8/2024		<10.0
MW-18	d	Hexachlorobenzene	118-74-1	ug/L	10/8/2024		<10.0
MW-18	d	Hexachlorobutadiene	87-68-3	ug/L	10/8/2024		<10.0
MW-18	d	Hexachlorocyclopentadiene	77-47-4	ug/L	10/8/2024		<10.0
MW-18	d	Hexachloroethane	67-72-1	ug/L	10/8/2024		<10.0
MW-18	d	Hexachloropropene	1888-71-7	ug/L	10/8/2024		<10.0
MW-18	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	10/8/2024		<10.0
MW-18	d	Isodrin	465-73-6	ug/L	10/8/2024		<10.0
MW-18	d	Isophorone	78-59-1	ug/L	10/8/2024		<10.0
MW-18	d	Isosafrole	120-58-1	ug/L	10/8/2024		<10.0
MW-18	d	Kepone	143-50-0	ug/L	10/8/2024		<10.0
MW-18	d	Methapyrilene	91-80-5	ug/L	10/8/2024		<10.0
MW-18	d	Methyl Methanesulfonate	66-27-3	ug/L	10/8/2024		<10.0
MW-18	d	Parathion-Methyl	298-00-0	ug/L	10/8/2024		<10.0
MW-18	d	Nitrobenzene	98-95-3	ug/L	10/8/2024		<10.0
MW-18	d	N-Nitrosodiethylamine	55-18-5	ug/L	10/8/2024		<10.0
MW-18	d	N-Nitrosodimethylamine	62-75-9	ug/L	10/8/2024		<10.0
MW-18	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	10/8/2024		<10.0
MW-18	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	10/8/2024		<10.0
MW-18	d	N-Nitrosodiphenylamine	86-30-6	ug/L	10/8/2024		<10.0
MW-18	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	10/8/2024		<10.0
MW-18	d	N-Nitrosopiperidine	100-75-4	ug/L	10/8/2024		<10.0
MW-18	d	N-Nitrosopyrrolidine	930-55-2	ug/L	10/8/2024		<10.0
MW-18	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	10/8/2024		<10.0
MW-18	d	O-Toluidine	95-53-4	ug/L	10/8/2024		<10.0
MW-18	d	Dimethylaminoazobenzene	60-11-7	ug/L	10/8/2024		<10.0
MW-18	d	Pentachlorobenzene	608-93-5	ug/L	10/8/2024		<10.0
MW-18	d	Pentachloronitrobenzene	82-68-8	ug/L	10/8/2024		<10.0
MW-18	d	Pentachlorophenol [2C]	87-86-5	ug/L	10/8/2024		<10.0
MW-18	d	Phenacetin	62-44-2	ug/L	10/8/2024		<10.0
MW-18	d	Phenanthrene	85-01-8	ug/L	10/8/2024		<10.0
MW-18	d	Phenol	108-95-2	ug/L	10/8/2024		<10.0
MW-18	d	Phorate	298-02-2	ug/L	10/8/2024		<10.0
MW-18	d	Pronamide	23950-58-5	ug/L	10/8/2024		<10.0
MW-18	d	Pyrene	129-00-0	ug/L	10/8/2024		<10.0
MW-18	d	Safrole	94-59-7	ug/L	10/8/2024		<10.0
MW-18	d	Thionazin	297-97-2	ug/L	10/8/2024		<10.0
MW-18	d	Cyanide	57-12-5	mg/L	10/8/2024		<0.0100
MW-18	d	Sulfide	18496-25-8	mg/L	10/8/2024		<1.00
MW-18	d	Total Suspended Solids	TSS	mg/L	10/8/2024	J	1.63
MW-19	d	Antimony	7440-36-0	mg/L	10/7/2024		<0.00200
MW-19	d	Arsenic	7440-38-2	mg/L	10/7/2024		<0.00200
MW-19	d	Barium	7440-39-3	mg/L	10/7/2024		0.0767
MW-19	d	Beryllium	7440-41-7	mg/L	10/7/2024		<0.00100
MW-19	d	Cadmium	7440-43-9	mg/L	10/7/2024		<0.000200
MW-19	d	Chromium	7440-47-3	mg/L	10/7/2024		<0.00500
MW-19	d	Cobalt	7440-48-4	mg/L	10/7/2024		<0.000500
MW-19	d	Copper	7440-50-8	mg/L	10/7/2024		<0.00500
MW-19	d	Lead	7439-92-1	mg/L	10/7/2024		<0.000500
MW-19	d	Nickel	7440-02-0	mg/L	10/7/2024		<0.00500
MW-19	d	Selenium	7782-49-2	mg/L	10/7/2024		<0.00500
MW-19	d	Silver	7440-22-4	mg/L	10/7/2024		<0.00100
MW-19	d	Thallium	7440-28-0	mg/L	10/7/2024	J	0.000859
MW-19	d	Tin	7440-31-5	mg/L	10/7/2024		<0.00500
MW-19	d	Vanadium	7440-62-2	mg/L	10/7/2024		<0.00500
MW-19	d	Zinc	7440-66-6	mg/L	10/7/2024		<0.0200
MW-19	d	Mercury	7439-97-6	mg/L	10/7/2024		0.000364
MW-19	d	Acetonitrile	75-05-8	mg/L	10/7/2024		<10.0
MW-19	d	Isobutanol	78-83-1	mg/L	10/7/2024		<10.0
MW-19	d	Aldrin	309-00-2	ug/L	10/7/2024		<0.0921
MW-19	d	Alpha-BHC	319-84-6	ug/L	10/7/2024		<0.0921
MW-19	d	Beta-BHC	319-85-7	ug/L	10/7/2024		<0.0921
MW-19	d	Gamma-BHC [Lindane]	58-89-9	ug/L	10/7/2024		<0.0921
MW-19	d	Chlordane	57-74-9	ug/L	10/7/2024		<1.84
MW-19	d	Delta-BHC	319-86-8	ug/L	10/7/2024		<0.0921
MW-19	d	Dieldrin	60-57-1	ug/L	10/7/2024		<0.0921
MW-19	d	4,4`-DDD	72-54-8	ug/L	10/7/2024		<0.0921
MW-19	d	4,4`-DDE	72-55-9	ug/L	10/7/2024		<0.0921
MW-19	d	4,4`-DDT	50-29-3	ug/L	10/7/2024		<0.0921
MW-19	d	Endosulfan I	959-98-8	ug/L	10/7/2024		<0.0921

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	Endosulfan II	33213-65-9	ug/L	10/7/2024		<0.0921
MW-19	d	Endosulfan sulfate	1031-07-8	ug/L	10/7/2024		<0.0921
MW-19	d	Endrin	72-20-8	ug/L	10/7/2024		<0.0921
MW-19	d	Endrin aldehyde	7421-93-4	ug/L	10/7/2024		<0.0921
MW-19	d	Heptachlor	76-44-8	ug/L	10/7/2024		<0.0921
MW-19	d	Heptachlor Epoxide	1024-57-3	ug/L	10/7/2024		<0.0921
MW-19	d	Methoxychlor	72-43-5	ug/L	10/7/2024		<0.0921
MW-19	d	Toxaphene	8001-35-2	ug/L	10/7/2024		<1.84
MW-19	d	PCB-1016	12674-11-2	ug/L	10/7/2024		<1.84
MW-19	d	PCB-1221	11104-28-2	ug/L	10/7/2024		<1.84
MW-19	d	PCB-1232	11141-16-5	ug/L	10/7/2024		<1.84
MW-19	d	PCB-1242	53469-21-9	ug/L	10/7/2024		<1.84
MW-19	d	PCB-1248	12672-29-6	ug/L	10/7/2024		<1.84
MW-19	d	PCB-1254	11097-69-1	ug/L	10/7/2024		<1.84
MW-19	d	PCB-1260	11096-82-5	ug/L	10/7/2024		<1.84
MW-19	d	PCB-1268	11100-14-4	ug/L	10/7/2024		<1.84
MW-19	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	10/7/2024		<0.964
MW-19	d	2,4,5-T	93-76-5	ug/L	10/7/2024	*1	<0.964
MW-19	d	2,4-D [2C]	94-75-7	ug/L	10/7/2024	*1	<1.25
MW-19	d	Acetone	67-64-1	ug/L	10/7/2024		<10.0
MW-19	d	Acrolein	107-02-8	ug/L	10/7/2024		<10.0
MW-19	d	Acrylonitrile	107-13-1	ug/L	10/7/2024		<5.00
MW-19	d	3-Chloropropene	107-05-1	ug/L	10/7/2024		<2.00
MW-19	d	Benzene	71-43-2	ug/L	10/7/2024		<0.500
MW-19	d	Bromochloromethane	74-97-5	ug/L	10/7/2024		<5.00
MW-19	d	Bromodichloromethane	75-27-4	ug/L	10/7/2024		<1.00
MW-19	d	Bromoform	75-25-2	ug/L	10/7/2024		<5.00
MW-19	d	Bromomethane	74-83-9	ug/L	10/7/2024		<4.00
MW-19	d	2-Butanone	78-93-3	ug/L	10/7/2024		<10.0
MW-19	d	Carbon Disulfide	75-15-0	ug/L	10/7/2024		<1.00
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	10/7/2024		<2.00
MW-19	d	Chlorobenzene	108-90-7	ug/L	10/7/2024		<1.00
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	10/7/2024		<5.00
MW-19	d	Chloroethane	75-00-3	ug/L	10/7/2024		<4.00
MW-19	d	Chloroform	67-66-3	ug/L	10/7/2024		<3.00
MW-19	d	Chloromethane	74-87-3	ug/L	10/7/2024		<3.00
MW-19	d	Chloroprene	126-99-8	ug/L	10/7/2024		<1.00
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/7/2024		<1.00
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/7/2024		<5.00
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/7/2024		<5.00
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/7/2024		<1.00
MW-19	d	Methylene Bromide	74-95-3	ug/L	10/7/2024		<1.00
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/7/2024		<1.00
MW-19	d	1,3-Dichlorobenzene	541-73-1	ug/L	10/7/2024		<1.00
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/7/2024		<1.00
MW-19	d	Dichlorodifluoromethane	75-71-8	ug/L	10/7/2024		<3.00
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	10/7/2024		<1.00
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	10/7/2024		<1.00
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	10/7/2024		<2.00
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	10/7/2024		<1.00
MW-19	d	1,3-Dichloropropane	142-28-9	ug/L	10/7/2024		<1.00
MW-19	d	2,2-Dichloropropane	594-20-7	ug/L	10/7/2024		<4.00
MW-19	d	1,1-Dichloropropene	563-58-6	ug/L	10/7/2024		<1.00
MW-19	d	Ethylbenzene	100-41-4	ug/L	10/7/2024		<1.00
MW-19	d	Ethyl Methacrylate	97-63-2	ug/L	10/7/2024		<2.00
MW-19	d	2-Hexanone	591-78-6	ug/L	10/7/2024		<10.0
MW-19	d	Iodomethane	74-88-4	ug/L	10/7/2024		<10.0
MW-19	d	Methacrylonitrile	126-98-7	ug/L	10/7/2024		<10.0
MW-19	d	Methylene Chloride	75-09-2	ug/L	10/7/2024		<5.00
MW-19	d	Methyl Methacrylate	80-62-6	ug/L	10/7/2024		<2.00
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/7/2024		<10.0
MW-19	d	Naphthalene	91-20-3	ug/L	10/7/2024		<5.00
MW-19	d	Propionitrile	107-12-0	ug/L	10/7/2024		<10.0
MW-19	d	Styrene	100-42-5	ug/L	10/7/2024		<1.00
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/7/2024		<1.00
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/7/2024		<1.00
MW-19	d	Tetrachloroethene	127-18-4	ug/L	10/7/2024		<1.00
MW-19	d	Toluene	108-88-3	ug/L	10/7/2024		<1.00
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/7/2024		<10.0
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/7/2024		<1.00
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/7/2024		<5.00
MW-19	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	10/7/2024		<5.00
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/7/2024		<1.00
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/7/2024		<1.00
MW-19	d	Trichloroethene	79-01-6	ug/L	10/7/2024		<1.00
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	10/7/2024		<4.00
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/7/2024		<1.00
MW-19	d	Vinyl Acetate	108-05-4	ug/L	10/7/2024		<10.0
MW-19	d	Vinyl Chloride	75-01-4	ug/L	10/7/2024		<1.00
MW-19	d	Xylenes, total	1330-20-7	ug/L	10/7/2024		<3.00
MW-19	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	10/7/2024		<10.4
MW-19	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	10/7/2024		<10.4
MW-19	d	1,3-Dinitrobenzene	99-65-0	ug/L	10/7/2024		<10.4
MW-19	d	1,4-Naphthoquinone	130-15-4	ug/L	10/7/2024		<10.4
MW-19	d	1,4-Phenylenediamine	106-50-3	ug/L	10/7/2024		<10.4
MW-19	d	1-Naphthylamine	134-32-7	ug/L	10/7/2024		<10.4
MW-19	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	10/7/2024		<10.4

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	2,4,5-Trichlorophenol	95-95-4	ug/L	10/7/2024		<10.4
MW-19	d	2,4,6-Trichlorophenol	88-06-2	ug/L	10/7/2024		<10.4
MW-19	d	2,4-Dichlorophenol	120-83-2	ug/L	10/7/2024		<10.4
MW-19	d	2,4-Dimethylphenol	105-67-9	ug/L	10/7/2024		<10.4
MW-19	d	2,4-Dinitrophenol	51-28-5	ug/L	10/7/2024		<20.8
MW-19	d	2,4-Dinitrotoluene	121-14-2	ug/L	10/7/2024		<10.4
MW-19	d	2,6-Dichlorophenol	87-65-0	ug/L	10/7/2024		<10.4
MW-19	d	2,6-Dinitrotoluene	606-20-2	ug/L	10/7/2024		<10.4
MW-19	d	2-Acetylaminofluorene	53-96-3	ug/L	10/7/2024		<10.4
MW-19	d	2-Chloronaphthalene	91-58-7	ug/L	10/7/2024		<10.4
MW-19	d	2-Chlorophenol	95-57-8	ug/L	10/7/2024		<10.4
MW-19	d	2-Methylnaphthalene	91-57-6	ug/L	10/7/2024		<10.4
MW-19	d	2-Methylphenol	95-48-7	ug/L	10/7/2024		<10.4
MW-19	d	2-Naphthylamine	91-59-8	ug/L	10/7/2024		<10.4
MW-19	d	2-Nitroaniline	88-74-4	ug/L	10/7/2024		<10.4
MW-19	d	2-Nitrophenol	88-75-5	ug/L	10/7/2024		<10.4
MW-19	d	3,3-Dichlorobenzidine	91-94-1	ug/L	10/7/2024		<10.4
MW-19	d	3,3-Dimethylbenzidine	119-93-7	ug/L	10/7/2024		<10.4
MW-19	d	3-Methylcholanthrene	56-49-5	ug/L	10/7/2024		<10.4
MW-19	d	3-Nitroaniline	99-09-2	ug/L	10/7/2024		<10.4
MW-19	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	10/7/2024		<10.4
MW-19	d	4-Aminobiphenyl	92-67-1	ug/L	10/7/2024		<10.4
MW-19	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	10/7/2024		<10.4
MW-19	d	4-Chloro-3-methylphenol	59-50-7	ug/L	10/7/2024		<10.4
MW-19	d	4-Chloroaniline	106-47-8	ug/L	10/7/2024		<10.4
MW-19	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	10/7/2024		<10.4
MW-19	d	3/4-Methylphenol	T-34MP	ug/L	10/7/2024		<10.4
MW-19	d	4-Nitroaniline	100-01-6	ug/L	10/7/2024		<10.4
MW-19	d	4-Nitrophenol	100-02-7	ug/L	10/7/2024		<10.4
MW-19	d	5-Nitro-o-toluidine	99-55-8	ug/L	10/7/2024		<10.4
MW-19	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	10/7/2024		<10.4
MW-19	d	Acenaphthene	83-32-9	ug/L	10/7/2024		<10.4
MW-19	d	Acenaphthylene	208-96-8	ug/L	10/7/2024		<10.4
MW-19	d	Acetophenone	98-86-2	ug/L	10/7/2024		<10.4
MW-19	d	Anthracene	120-12-7	ug/L	10/7/2024		<10.4
MW-19	d	Benzo [a] anthracene	56-55-3	ug/L	10/7/2024		<10.4
MW-19	d	Benzo [a] pyrene	50-32-8	ug/L	10/7/2024		<10.4
MW-19	d	Benzo [b] fluoranthene	205-99-2	ug/L	10/7/2024		<10.4
MW-19	d	Benzo [g,h,i] perylene	191-24-2	ug/L	10/7/2024		<10.4
MW-19	d	Benzo [k] fluoranthene	207-08-9	ug/L	10/7/2024		<10.4
MW-19	d	Benzyl alcohol	100-51-6	ug/L	10/7/2024		<10.4
MW-19	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	10/7/2024		<10.4
MW-19	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	10/7/2024		<10.4
MW-19	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	10/7/2024		<10.4
MW-19	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/7/2024		<10.4
MW-19	d	Butyl benzyl phthalate	85-68-7	ug/L	10/7/2024		<10.4
MW-19	d	Chlorobenzilate	510-15-6	ug/L	10/7/2024		<10.4
MW-19	d	Chrysene	218-01-9	ug/L	10/7/2024		<10.4
MW-19	d	Diallate [cis or trans]	2303-16-4	ug/L	10/7/2024		<10.4
MW-19	d	Dibenz [a,h] anthracene	53-70-3	ug/L	10/7/2024		<10.4
MW-19	d	Dibenzofuran	132-64-9	ug/L	10/7/2024		<10.4
MW-19	d	Diethyl phthalate	84-66-2	ug/L	10/7/2024		<10.4
MW-19	d	Dimethoate	60-51-5	ug/L	10/7/2024		<10.4
MW-19	d	Dimethyl phthalate	131-11-3	ug/L	10/7/2024		<10.4
MW-19	d	Di-n-butyl phthalate	84-74-2	ug/L	10/7/2024		<10.4
MW-19	d	Di-n-octyl phthalate	117-84-0	ug/L	10/7/2024		<20.8
MW-19	d	Diphenylamine	122-39-4	ug/L	10/7/2024		<10.4
MW-19	d	Disulfoton	298-04-4	ug/L	10/7/2024		<10.4
MW-19	d	Ethyl Methanesulfonate	62-50-0	ug/L	10/7/2024		<10.4
MW-19	d	Parathion-Ethyl	56-38-2	ug/L	10/7/2024		<10.4
MW-19	d	Famphur	52-85-7	ug/L	10/7/2024		<10.4
MW-19	d	Fluoranthene	206-44-0	ug/L	10/7/2024		<10.4
MW-19	d	Fluorene	86-73-7	ug/L	10/7/2024		<10.4
MW-19	d	Hexachlorobenzene	118-74-1	ug/L	10/7/2024		<10.4
MW-19	d	Hexachlorobutadiene	87-68-3	ug/L	10/7/2024		<10.4
MW-19	d	Hexachlorocyclopentadiene	77-47-4	ug/L	10/7/2024		<10.4
MW-19	d	Hexachloroethane	67-72-1	ug/L	10/7/2024		<10.4
MW-19	d	Hexachloropropene	1888-71-7	ug/L	10/7/2024		<10.4
MW-19	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	10/7/2024		<10.4
MW-19	d	Isodrin	465-73-6	ug/L	10/7/2024		<10.4
MW-19	d	Isophorone	78-59-1	ug/L	10/7/2024		<10.4
MW-19	d	Isosafrole	120-58-1	ug/L	10/7/2024		<10.4
MW-19	d	Kepone	143-50-0	ug/L	10/7/2024		<10.4
MW-19	d	Methapyrilene	91-80-5	ug/L	10/7/2024		<10.4
MW-19	d	Methyl Methanesulfonate	66-27-3	ug/L	10/7/2024		<10.4
MW-19	d	Parathion-Methyl	298-00-0	ug/L	10/7/2024		<10.4
MW-19	d	Nitrobenzene	98-95-3	ug/L	10/7/2024		<10.4
MW-19	d	N-Nitrosodiethylamine	55-18-5	ug/L	10/7/2024		<10.4
MW-19	d	N-Nitrosodimethylamine	62-75-9	ug/L	10/7/2024		<10.4
MW-19	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	10/7/2024		<10.4
MW-19	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	10/7/2024		<10.4
MW-19	d	N-Nitrosodiphenylamine	86-30-6	ug/L	10/7/2024		<10.4
MW-19	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	10/7/2024		<10.4
MW-19	d	N-Nitrosopiperidine	100-75-4	ug/L	10/7/2024		<10.4
MW-19	d	N-Nitrosopyrrolidine	930-55-2	ug/L	10/7/2024		<10.4
MW-19	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	10/7/2024		<10.4
MW-19	d	O-Toluidine	95-53-4	ug/L	10/7/2024		<10.4

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	Dimethylaminoazobenzene	60-11-7	ug/L	10/7/2024		<10.4
MW-19	d	Pentachlorobenzene	608-93-5	ug/L	10/7/2024		<10.4
MW-19	d	Pentachloronitrobenzene	82-68-8	ug/L	10/7/2024		<10.4
MW-19	d	Pentachlorophenol [2C]	87-86-5	ug/L	10/7/2024		<10.4
MW-19	d	Phenacetin	62-44-2	ug/L	10/7/2024		<10.4
MW-19	d	Phenanthrene	85-01-8	ug/L	10/7/2024		<10.4
MW-19	d	Phenol	108-95-2	ug/L	10/7/2024		<10.4
MW-19	d	Phorate	298-02-2	ug/L	10/7/2024		<10.4
MW-19	d	Pronamide	23950-58-5	ug/L	10/7/2024		<10.4
MW-19	d	Pyrene	129-00-0	ug/L	10/7/2024		<10.4
MW-19	d	Safrole	94-59-7	ug/L	10/7/2024		<10.4
MW-19	d	Thionazin	297-97-2	ug/L	10/7/2024		<10.4
MW-19	d	Cyanide	57-12-5	mg/L	10/7/2024		<0.0100
MW-19	d	Sulfide	18496-25-8	mg/L	10/7/2024		<1.00
MW-19	d	Total Suspended Solids	TSS	mg/L	10/7/2024	J	1.63
MW-28	d	Antimony	7440-36-0	mg/L	10/7/2024		<0.00200
MW-28	d	Arsenic	7440-38-2	mg/L	10/7/2024		0.00899
MW-28	d	Barium	7440-39-3	mg/L	10/7/2024		0.113
MW-28	d	Beryllium	7440-41-7	mg/L	10/7/2024		<0.00100
MW-28	d	Cadmium	7440-43-9	mg/L	10/7/2024	J	0.000113
MW-28	d	Chromium	7440-47-3	mg/L	10/7/2024		<0.00500
MW-28	d	Cobalt	7440-48-4	mg/L	10/7/2024	J	0.000319
MW-28	d	Copper	7440-50-8	mg/L	10/7/2024		<0.00500
MW-28	d	Lead	7439-92-1	mg/L	10/7/2024		<0.000500
MW-28	d	Nickel	7440-02-0	mg/L	10/7/2024		<0.00500
MW-28	d	Selenium	7782-49-2	mg/L	10/7/2024		<0.00500
MW-28	d	Silver	7440-22-4	mg/L	10/7/2024		<0.00100
MW-28	d	Thallium	7440-28-0	mg/L	10/7/2024	J	0.00087
MW-28	d	Tin	7440-31-5	mg/L	10/7/2024		<0.00500
MW-28	d	Vanadium	7440-62-2	mg/L	10/7/2024		<0.00500
MW-28	d	Zinc	7440-66-6	mg/L	10/7/2024		<0.0200
MW-28	d	Mercury	7439-97-6	mg/L	10/7/2024		0.000351
MW-28	d	Acetonitrile	75-05-8	mg/L	10/7/2024		<10.0
MW-28	d	Isobutanol	78-83-1	mg/L	10/7/2024		<10.0
MW-28	d	Aldrin	309-00-2	ug/L	10/7/2024		<0.0907
MW-28	d	Alpha-BHC	319-84-6	ug/L	10/7/2024		<0.0907
MW-28	d	Beta-BHC	319-85-7	ug/L	10/7/2024		<0.0907
MW-28	d	Gamma-BHC [Lindane]	58-89-9	ug/L	10/7/2024		<0.0907
MW-28	d	Chlordane	57-74-9	ug/L	10/7/2024		<1.81
MW-28	d	Delta-BHC	319-86-8	ug/L	10/7/2024		<0.0907
MW-28	d	Dieldrin	60-57-1	ug/L	10/7/2024		<0.0907
MW-28	d	4,4`-DDD	72-54-8	ug/L	10/7/2024		<0.0907
MW-28	d	4,4`-DDE	72-55-9	ug/L	10/7/2024		<0.0907
MW-28	d	4,4`-DDT	50-29-3	ug/L	10/7/2024		<0.0907
MW-28	d	Endosulfan I	959-98-8	ug/L	10/7/2024		<0.0907
MW-28	d	Endosulfan II	33213-65-9	ug/L	10/7/2024		<0.0907
MW-28	d	Endosulfan sulfate	1031-07-8	ug/L	10/7/2024		<0.0907
MW-28	d	Endrin	72-20-8	ug/L	10/7/2024		<0.0907
MW-28	d	Endrin aldehyde	7421-93-4	ug/L	10/7/2024		<0.0907
MW-28	d	Heptachlor	76-44-8	ug/L	10/7/2024		<0.0907
MW-28	d	Heptachlor Epoxide	1024-57-3	ug/L	10/7/2024		<0.0907
MW-28	d	Methoxychlor	72-43-5	ug/L	10/7/2024		<0.0907
MW-28	d	Toxaphene	8001-35-2	ug/L	10/7/2024		<1.81
MW-28	d	PCB-1016	12674-11-2	ug/L	10/7/2024		<1.81
MW-28	d	PCB-1221	11104-28-2	ug/L	10/7/2024		<1.81
MW-28	d	PCB-1232	11141-16-5	ug/L	10/7/2024		<1.81
MW-28	d	PCB-1242	53469-21-9	ug/L	10/7/2024		<1.81
MW-28	d	PCB-1248	12672-29-6	ug/L	10/7/2024		<1.81
MW-28	d	PCB-1254	11097-69-1	ug/L	10/7/2024		<1.81
MW-28	d	PCB-1260	11096-82-5	ug/L	10/7/2024		<1.81
MW-28	d	PCB-1268	11100-14-4	ug/L	10/7/2024		<1.81
MW-28	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	10/7/2024		<1.00
MW-28	d	2,4,5-T	93-76-5	ug/L	10/7/2024	*1	<1.00
MW-28	d	2,4-D [2C]	94-75-7	ug/L	10/7/2024	*1	<1.30
MW-28	d	Acetone	67-64-1	ug/L	10/7/2024		<10.0
MW-28	d	Acrolein	107-02-8	ug/L	10/7/2024		<10.0
MW-28	d	Acrylonitrile	107-13-1	ug/L	10/7/2024		<5.00
MW-28	d	3-Chloropropene	107-05-1	ug/L	10/7/2024		<2.00
MW-28	d	Benzene	71-43-2	ug/L	10/7/2024		<0.500
MW-28	d	Bromochloromethane	74-97-5	ug/L	10/7/2024		<5.00
MW-28	d	Bromodichloromethane	75-27-4	ug/L	10/7/2024		<1.00
MW-28	d	Bromoform	75-25-2	ug/L	10/7/2024		<5.00
MW-28	d	Bromomethane	74-83-9	ug/L	10/7/2024		<4.00
MW-28	d	2-Butanone	78-93-3	ug/L	10/7/2024		<10.0
MW-28	d	Carbon Disulfide	75-15-0	ug/L	10/7/2024		<1.00
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	10/7/2024		<2.00
MW-28	d	Chlorobenzene	108-90-7	ug/L	10/7/2024		<1.00
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	10/7/2024		<5.00
MW-28	d	Chloroethane	75-00-3	ug/L	10/7/2024		<4.00
MW-28	d	Chloroform	67-66-3	ug/L	10/7/2024		<3.00
MW-28	d	Chloromethane	74-87-3	ug/L	10/7/2024		<3.00
MW-28	d	Chloroprene	126-99-8	ug/L	10/7/2024		<1.00
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/7/2024		<1.00
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/7/2024		<5.00
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/7/2024		<5.00
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/7/2024		<1.00
MW-28	d	Methylene Bromide	74-95-3	ug/L	10/7/2024		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/7/2024		<1.00
MW-28	d	1,3-Dichlorobenzene	541-73-1	ug/L	10/7/2024		<1.00
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/7/2024		<1.00
MW-28	d	Dichlorodifluoromethane	75-71-8	ug/L	10/7/2024		<3.00
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	10/7/2024		<1.00
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	10/7/2024		<1.00
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	10/7/2024		<2.00
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	10/7/2024		<1.00
MW-28	d	1,3-Dichloropropane	142-28-9	ug/L	10/7/2024		<1.00
MW-28	d	2,2-Dichloropropane	594-20-7	ug/L	10/7/2024		<4.00
MW-28	d	1,1-Dichloropropene	563-58-6	ug/L	10/7/2024		<1.00
MW-28	d	Ethylbenzene	100-41-4	ug/L	10/7/2024		<1.00
MW-28	d	Ethyl Methacrylate	97-63-2	ug/L	10/7/2024		<2.00
MW-28	d	2-Hexanone	591-78-6	ug/L	10/7/2024		<10.0
MW-28	d	Iodomethane	74-88-4	ug/L	10/7/2024		<10.0
MW-28	d	Methacrylonitrile	126-98-7	ug/L	10/7/2024		<10.0
MW-28	d	Methylene Chloride	75-09-2	ug/L	10/7/2024		<5.00
MW-28	d	Methyl Methacrylate	80-62-6	ug/L	10/7/2024		<2.00
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/7/2024		<10.0
MW-28	d	Naphthalene	91-20-3	ug/L	10/7/2024		<5.00
MW-28	d	Propionitrile	107-12-0	ug/L	10/7/2024		<10.0
MW-28	d	Styrene	100-42-5	ug/L	10/7/2024		<1.00
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/7/2024		<1.00
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/7/2024		<1.00
MW-28	d	Tetrachloroethene	127-18-4	ug/L	10/7/2024		<1.00
MW-28	d	Toluene	108-88-3	ug/L	10/7/2024		<1.00
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/7/2024		<10.0
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/7/2024		<1.00
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/7/2024		<5.00
MW-28	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	10/7/2024		<5.00
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/7/2024		<1.00
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/7/2024		<1.00
MW-28	d	Trichloroethene	79-01-6	ug/L	10/7/2024		<1.00
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	10/7/2024		<4.00
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/7/2024		<1.00
MW-28	d	Vinyl Acetate	108-05-4	ug/L	10/7/2024		<10.0
MW-28	d	Vinyl Chloride	75-01-4	ug/L	10/7/2024		<1.00
MW-28	d	Xylenes, total	1330-20-7	ug/L	10/7/2024		<3.00
MW-28	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	10/7/2024		<10.0
MW-28	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	10/7/2024		<10.0
MW-28	d	1,3-Dinitrobenzene	99-65-0	ug/L	10/7/2024		<10.0
MW-28	d	1,4-Naphthoquinone	130-15-4	ug/L	10/7/2024		<10.0
MW-28	d	1,4-Phenylenediamine	106-50-3	ug/L	10/7/2024		<10.0
MW-28	d	1-Naphthylamine	134-32-7	ug/L	10/7/2024		<10.0
MW-28	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	10/7/2024		<10.0
MW-28	d	2,4,5-Trichlorophenol	95-95-4	ug/L	10/7/2024		<10.0
MW-28	d	2,4,6-Trichlorophenol	88-06-2	ug/L	10/7/2024		<10.0
MW-28	d	2,4-Dichlorophenol	120-83-2	ug/L	10/7/2024		<10.0
MW-28	d	2,4-Dimethylphenol	105-67-9	ug/L	10/7/2024		<10.0
MW-28	d	2,4-Dinitrophenol	51-28-5	ug/L	10/7/2024		<20.0
MW-28	d	2,4-Dinitrotoluene	121-14-2	ug/L	10/7/2024		<10.0
MW-28	d	2,6-Dichlorophenol	87-65-0	ug/L	10/7/2024		<10.0
MW-28	d	2,6-Dinitrotoluene	606-20-2	ug/L	10/7/2024		<10.0
MW-28	d	2-Acetylaminofluorene	53-96-3	ug/L	10/7/2024		<10.0
MW-28	d	2-Chloronaphthalene	91-58-7	ug/L	10/7/2024		<10.0
MW-28	d	2-Chlorophenol	95-57-8	ug/L	10/7/2024		<10.0
MW-28	d	2-Methylnaphthalene	91-57-6	ug/L	10/7/2024		<10.0
MW-28	d	2-Methylphenol	95-48-7	ug/L	10/7/2024		<10.0
MW-28	d	2-Naphthylamine	91-59-8	ug/L	10/7/2024		<10.0
MW-28	d	2-Nitroaniline	88-74-4	ug/L	10/7/2024		<10.0
MW-28	d	2-Nitrophenol	88-75-5	ug/L	10/7/2024		<10.0
MW-28	d	3,3-Dichlorobenzidine	91-94-1	ug/L	10/7/2024		<10.0
MW-28	d	3,3-Dimethylbenzidine	119-93-7	ug/L	10/7/2024		<10.0
MW-28	d	3-Methylcholanthrene	56-49-5	ug/L	10/7/2024		<10.0
MW-28	d	3-Nitroaniline	99-09-2	ug/L	10/7/2024		<10.0
MW-28	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	10/7/2024		<10.0
MW-28	d	4-Aminobiphenyl	92-67-1	ug/L	10/7/2024		<10.0
MW-28	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	10/7/2024		<10.0
MW-28	d	4-Chloro-3-methylphenol	59-50-7	ug/L	10/7/2024		<10.0
MW-28	d	4-Chloroaniline	106-47-8	ug/L	10/7/2024		<10.0
MW-28	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	10/7/2024		<10.0
MW-28	d	3/4-Methylphenol	T-34MP	ug/L	10/7/2024		<10.0
MW-28	d	4-Nitroaniline	100-01-6	ug/L	10/7/2024		<10.0
MW-28	d	4-Nitrophenol	100-02-7	ug/L	10/7/2024		<10.0
MW-28	d	5-Nitro-o-toluidine	99-55-8	ug/L	10/7/2024		<10.0
MW-28	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	10/7/2024		<10.0
MW-28	d	Acenaphthene	83-32-9	ug/L	10/7/2024		<10.0
MW-28	d	Acenaphthylene	208-96-8	ug/L	10/7/2024		<10.0
MW-28	d	Acetophenone	98-86-2	ug/L	10/7/2024		<10.0
MW-28	d	Anthracene	120-12-7	ug/L	10/7/2024		<10.0
MW-28	d	Benzo [a] anthracene	56-55-3	ug/L	10/7/2024		<10.0
MW-28	d	Benzo [a] pyrene	50-32-8	ug/L	10/7/2024		<10.0
MW-28	d	Benzo [b] fluoranthene	205-99-2	ug/L	10/7/2024		<10.0
MW-28	d	Benzo [g,h,i] perylene	191-24-2	ug/L	10/7/2024		<10.0
MW-28	d	Benzo [k] fluoranthene	207-08-9	ug/L	10/7/2024		<10.0
MW-28	d	Benzyl alcohol	100-51-6	ug/L	10/7/2024		<10.0
MW-28	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	10/7/2024		<10.0

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-28	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	10/7/2024		<10.0
MW-28	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	10/7/2024		<10.0
MW-28	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/7/2024		<10.0
MW-28	d	Butyl benzyl phthalate	85-68-7	ug/L	10/7/2024		<10.0
MW-28	d	Chlorobenzilate	510-15-6	ug/L	10/7/2024		<10.0
MW-28	d	Chrysene	218-01-9	ug/L	10/7/2024		<10.0
MW-28	d	Diallate [cis or trans]	2303-16-4	ug/L	10/7/2024		<10.0
MW-28	d	Dibenz [a,h] anthracene	53-70-3	ug/L	10/7/2024		<10.0
MW-28	d	Dibenzofuran	132-64-9	ug/L	10/7/2024		<10.0
MW-28	d	Diethyl phthalate	84-66-2	ug/L	10/7/2024		<10.0
MW-28	d	Dimethoate	60-51-5	ug/L	10/7/2024		<10.0
MW-28	d	Dimethyl phthalate	131-11-3	ug/L	10/7/2024		<10.0
MW-28	d	Di-n-butyl phthalate	84-74-2	ug/L	10/7/2024		<10.0
MW-28	d	Di-n-octyl phthalate	117-84-0	ug/L	10/7/2024		<20.0
MW-28	d	Diphenylamine	122-39-4	ug/L	10/7/2024		<10.0
MW-28	d	Disulfoton	298-04-4	ug/L	10/7/2024		<10.0
MW-28	d	Ethyl Methanesulfonate	62-50-0	ug/L	10/7/2024		<10.0
MW-28	d	Parathion-Ethyl	56-38-2	ug/L	10/7/2024		<10.0
MW-28	d	Famphur	52-85-7	ug/L	10/7/2024		<10.0
MW-28	d	Fluoranthene	206-44-0	ug/L	10/7/2024		<10.0
MW-28	d	Fluorene	86-73-7	ug/L	10/7/2024		<10.0
MW-28	d	Hexachlorobenzene	118-74-1	ug/L	10/7/2024		<10.0
MW-28	d	Hexachlorobutadiene	87-68-3	ug/L	10/7/2024		<10.0
MW-28	d	Hexachlorocyclopentadiene	77-47-4	ug/L	10/7/2024		<10.0
MW-28	d	Hexachloroethane	67-72-1	ug/L	10/7/2024		<10.0
MW-28	d	Hexachloropropene	1888-71-7	ug/L	10/7/2024		<10.0
MW-28	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	10/7/2024		<10.0
MW-28	d	Isodrin	465-73-6	ug/L	10/7/2024		<10.0
MW-28	d	Isophorone	78-59-1	ug/L	10/7/2024		<10.0
MW-28	d	Isosafrole	120-58-1	ug/L	10/7/2024		<10.0
MW-28	d	Kepone	143-50-0	ug/L	10/7/2024		<10.0
MW-28	d	Methapyrilene	91-80-5	ug/L	10/7/2024		<10.0
MW-28	d	Methyl Methanesulfonate	66-27-3	ug/L	10/7/2024		<10.0
MW-28	d	Parathion-Methyl	298-00-0	ug/L	10/7/2024		<10.0
MW-28	d	Nitrobenzene	98-95-3	ug/L	10/7/2024		<10.0
MW-28	d	N-Nitrosodiethylamine	55-18-5	ug/L	10/7/2024		<10.0
MW-28	d	N-Nitrosodimethylamine	62-75-9	ug/L	10/7/2024		<10.0
MW-28	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	10/7/2024		<10.0
MW-28	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	10/7/2024		<10.0
MW-28	d	N-Nitrosodiphenylamine	86-30-6	ug/L	10/7/2024		<10.0
MW-28	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	10/7/2024		<10.0
MW-28	d	N-Nitrosopiperidine	100-75-4	ug/L	10/7/2024		<10.0
MW-28	d	N-Nitrosopyrrolidine	930-55-2	ug/L	10/7/2024		<10.0
MW-28	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	10/7/2024		<10.0
MW-28	d	O-Toluidine	95-53-4	ug/L	10/7/2024		<10.0
MW-28	d	Dimethylaminoazobenzene	60-11-7	ug/L	10/7/2024		<10.0
MW-28	d	Pentachlorobenzene	608-93-5	ug/L	10/7/2024		<10.0
MW-28	d	Pentachloronitrobenzene	82-68-8	ug/L	10/7/2024		<10.0
MW-28	d	Pentachlorophenol [2C]	87-86-5	ug/L	10/7/2024		<10.0
MW-28	d	Phenacetin	62-44-2	ug/L	10/7/2024		<10.0
MW-28	d	Phenanthrene	85-01-8	ug/L	10/7/2024		<10.0
MW-28	d	Phenol	108-95-2	ug/L	10/7/2024		<10.0
MW-28	d	Phorate	298-02-2	ug/L	10/7/2024		<10.0
MW-28	d	Pronamide	23950-58-5	ug/L	10/7/2024		<10.0
MW-28	d	Pyrene	129-00-0	ug/L	10/7/2024		<10.0
MW-28	d	Safrole	94-59-7	ug/L	10/7/2024		<10.0
MW-28	d	Thionazin	297-97-2	ug/L	10/7/2024		<10.0
MW-28	d	Cyanide	57-12-5	mg/L	10/7/2024		<0.0100
MW-28	d	Sulfide	18496-25-8	mg/L	10/7/2024		<1.00
MW-28	d	Total Suspended Solids	TSS	mg/L	10/7/2024		7.13
MW-39	d	Antimony	7440-36-0	mg/L	10/8/2024		<0.00200
MW-39	d	Arsenic	7440-38-2	mg/L	10/8/2024	J	0.00175
MW-39	d	Barium	7440-39-3	mg/L	10/8/2024		0.143
MW-39	d	Beryllium	7440-41-7	mg/L	10/8/2024		<0.00100
MW-39	d	Cadmium	7440-43-9	mg/L	10/8/2024		0.000235
MW-39	d	Chromium	7440-47-3	mg/L	10/8/2024		<0.00500
MW-39	d	Cobalt	7440-48-4	mg/L	10/8/2024		0.0255
MW-39	d	Copper	7440-50-8	mg/L	10/8/2024		<0.00500
MW-39	d	Lead	7439-92-1	mg/L	10/8/2024		<0.000500
MW-39	d	Nickel	7440-02-0	mg/L	10/8/2024		0.0147
MW-39	d	Selenium	7782-49-2	mg/L	10/8/2024		<0.00500
MW-39	d	Silver	7440-22-4	mg/L	10/8/2024		<0.00100
MW-39	d	Thallium	7440-28-0	mg/L	10/8/2024		<0.00100
MW-39	d	Tin	7440-31-5	mg/L	10/8/2024		<0.00500
MW-39	d	Vanadium	7440-62-2	mg/L	10/8/2024		<0.00500
MW-39	d	Zinc	7440-66-6	mg/L	10/8/2024		<0.0200
MW-39	d	Mercury	7439-97-6	mg/L	10/8/2024		0.000241
MW-39	d	Acetonitrile	75-05-8	mg/L	10/8/2024		<10.0
MW-39	d	Isobutanol	78-83-1	mg/L	10/8/2024		<10.0
MW-39	d	Aldrin	309-00-2	ug/L	10/8/2024		<0.0891
MW-39	d	Alpha-BHC	319-84-6	ug/L	10/8/2024		<0.0891
MW-39	d	Beta-BHC	319-85-7	ug/L	10/8/2024		<0.0891
MW-39	d	Gamma-BHC [Lindane]	58-89-9	ug/L	10/8/2024		<0.0891
MW-39	d	Chlordane	57-74-9	ug/L	10/8/2024		<1.78
MW-39	d	Delta-BHC	319-86-8	ug/L	10/8/2024		<0.0891
MW-39	d	Dieldrin	60-57-1	ug/L	10/8/2024		<0.0891
MW-39	d	4,4`-DDD	72-54-8	ug/L	10/8/2024		<0.0891

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	4,4`-DDE	72-55-9	ug/L	10/8/2024		<0.0891
MW-39	d	4,4`-DDT	50-29-3	ug/L	10/8/2024		<0.0891
MW-39	d	Endosulfan I	959-98-8	ug/L	10/8/2024		<0.0891
MW-39	d	Endosulfan II	33213-65-9	ug/L	10/8/2024		<0.0891
MW-39	d	Endosulfan sulfate	1031-07-8	ug/L	10/8/2024		<0.0891
MW-39	d	Endrin	72-20-8	ug/L	10/8/2024		<0.0891
MW-39	d	Endrin aldehyde	7421-93-4	ug/L	10/8/2024		<0.0891
MW-39	d	Heptachlor	76-44-8	ug/L	10/8/2024		<0.0891
MW-39	d	Heptachlor Epoxide	1024-57-3	ug/L	10/8/2024		<0.0891
MW-39	d	Methoxychlor	72-43-5	ug/L	10/8/2024		<0.0891
MW-39	d	Toxaphene	8001-35-2	ug/L	10/8/2024		<1.78
MW-39	d	PCB-1016	12674-11-2	ug/L	10/8/2024		<1.78
MW-39	d	PCB-1221	11104-28-2	ug/L	10/8/2024		<1.78
MW-39	d	PCB-1232	11141-16-5	ug/L	10/8/2024		<1.78
MW-39	d	PCB-1242	53469-21-9	ug/L	10/8/2024		<1.78
MW-39	d	PCB-1248	12672-29-6	ug/L	10/8/2024		<1.78
MW-39	d	PCB-1254	11097-69-1	ug/L	10/8/2024		<1.78
MW-39	d	PCB-1260	11096-82-5	ug/L	10/8/2024		<1.78
MW-39	d	PCB-1268	11100-14-4	ug/L	10/8/2024		<1.78
MW-39	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	10/8/2024		<1.00
MW-39	d	2,4,5-T	93-76-5	ug/L	10/8/2024	*1	<1.00
MW-39	d	2,4-D [2C]	94-75-7	ug/L	10/8/2024	*1	<1.29
MW-39	d	Acetone	67-64-1	ug/L	10/8/2024		<10.0
MW-39	d	Acrolein	107-02-8	ug/L	10/8/2024		<10.0
MW-39	d	Acrylonitrile	107-13-1	ug/L	10/8/2024		<5.00
MW-39	d	3-Chloropropene	107-05-1	ug/L	10/8/2024		<2.00
MW-39	d	Benzene	71-43-2	ug/L	10/8/2024		<0.500
MW-39	d	Bromochloromethane	74-97-5	ug/L	10/8/2024		<5.00
MW-39	d	Bromodichloromethane	75-27-4	ug/L	10/8/2024		<1.00
MW-39	d	Bromoform	75-25-2	ug/L	10/8/2024		<5.00
MW-39	d	Bromomethane	74-83-9	ug/L	10/8/2024		<4.00
MW-39	d	2-Butanone	78-93-3	ug/L	10/8/2024		<10.0
MW-39	d	Carbon Disulfide	75-15-0	ug/L	10/8/2024		<1.00
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	10/8/2024		<2.00
MW-39	d	Chlorobenzene	108-90-7	ug/L	10/8/2024		<1.00
MW-39	d	Chlorodibromomethane	124-48-1	ug/L	10/8/2024		<5.00
MW-39	d	Chloroethane	75-00-3	ug/L	10/8/2024		<4.00
MW-39	d	Chloroform	67-66-3	ug/L	10/8/2024		<3.00
MW-39	d	Chloromethane	74-87-3	ug/L	10/8/2024		<3.00
MW-39	d	Chloroprene	126-99-8	ug/L	10/8/2024		<1.00
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/8/2024		<1.00
MW-39	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/8/2024		<5.00
MW-39	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/8/2024		<5.00
MW-39	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/8/2024		<1.00
MW-39	d	Methylene Bromide	74-95-3	ug/L	10/8/2024		<1.00
MW-39	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/8/2024		<1.00
MW-39	d	1,3-Dichlorobenzene	541-73-1	ug/L	10/8/2024		<1.00
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/8/2024		<1.00
MW-39	d	Dichlorodifluoromethane	75-71-8	ug/L	10/8/2024		<3.00
MW-39	d	1,1-Dichloroethane	75-34-3	ug/L	10/8/2024		<1.00
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	10/8/2024		<1.00
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	10/8/2024		<2.00
MW-39	d	1,2-Dichloropropane	78-87-5	ug/L	10/8/2024		<1.00
MW-39	d	1,3-Dichloropropane	142-28-9	ug/L	10/8/2024		<1.00
MW-39	d	2,2-Dichloropropane	594-20-7	ug/L	10/8/2024		<4.00
MW-39	d	1,1-Dichloropropene	563-58-6	ug/L	10/8/2024		<1.00
MW-39	d	Ethylbenzene	100-41-4	ug/L	10/8/2024		<1.00
MW-39	d	Ethyl Methacrylate	97-63-2	ug/L	10/8/2024		<2.00
MW-39	d	2-Hexanone	591-78-6	ug/L	10/8/2024		<10.0
MW-39	d	Iodomethane	74-88-4	ug/L	10/8/2024		<10.0
MW-39	d	Methacrylonitrile	126-98-7	ug/L	10/8/2024		<10.0
MW-39	d	Methylene Chloride	75-09-2	ug/L	10/8/2024		<5.00
MW-39	d	Methyl Methacrylate	80-62-6	ug/L	10/8/2024		<2.00
MW-39	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/8/2024		<10.0
MW-39	d	Naphthalene	91-20-3	ug/L	10/8/2024		<5.00
MW-39	d	Propionitrile	107-12-0	ug/L	10/8/2024		<10.0
MW-39	d	Styrene	100-42-5	ug/L	10/8/2024		<1.00
MW-39	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/8/2024		<1.00
MW-39	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/8/2024		<1.00
MW-39	d	Tetrachloroethene	127-18-4	ug/L	10/8/2024		<1.00
MW-39	d	Toluene	108-88-3	ug/L	10/8/2024		<1.00
MW-39	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/8/2024		<10.0
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/8/2024		<1.00
MW-39	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/8/2024		<5.00
MW-39	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	10/8/2024		<5.00
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/8/2024		<1.00
MW-39	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/8/2024		<1.00
MW-39	d	Trichloroethene	79-01-6	ug/L	10/8/2024		<1.00
MW-39	d	Trichlorofluoromethane	75-69-4	ug/L	10/8/2024		<4.00
MW-39	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/8/2024		<1.00
MW-39	d	Vinyl Acetate	108-05-4	ug/L	10/8/2024		<10.0
MW-39	d	Vinyl Chloride	75-01-4	ug/L	10/8/2024		<1.00
MW-39	d	Xylenes, total	1330-20-7	ug/L	10/8/2024		<3.00
MW-39	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	10/8/2024		<10.4
MW-39	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	10/8/2024		<10.4
MW-39	d	1,3-Dinitrobenzene	99-65-0	ug/L	10/8/2024		<10.4
MW-39	d	1,4-Naphthoquinone	130-15-4	ug/L	10/8/2024		<10.4

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	1,4-Phenylenediamine	106-50-3	ug/L	10/8/2024		<10.4
MW-39	d	1-Naphthylamine	134-32-7	ug/L	10/8/2024		<10.4
MW-39	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	10/8/2024		<10.4
MW-39	d	2,4,5-Trichlorophenol	95-95-4	ug/L	10/8/2024		<10.4
MW-39	d	2,4,6-Trichlorophenol	88-06-2	ug/L	10/8/2024		<10.4
MW-39	d	2,4-Dichlorophenol	120-83-2	ug/L	10/8/2024		<10.4
MW-39	d	2,4-Dimethylphenol	105-67-9	ug/L	10/8/2024		<10.4
MW-39	d	2,4-Dinitrophenol	51-28-5	ug/L	10/8/2024		<20.8
MW-39	d	2,4-Dinitrotoluene	121-14-2	ug/L	10/8/2024		<10.4
MW-39	d	2,6-Dichlorophenol	87-65-0	ug/L	10/8/2024		<10.4
MW-39	d	2,6-Dinitrotoluene	606-20-2	ug/L	10/8/2024		<10.4
MW-39	d	2-Acetylaminofluorene	53-96-3	ug/L	10/8/2024		<10.4
MW-39	d	2-Chloronaphthalene	91-58-7	ug/L	10/8/2024		<10.4
MW-39	d	2-Chlorophenol	95-57-8	ug/L	10/8/2024		<10.4
MW-39	d	2-Methylnaphthalene	91-57-6	ug/L	10/8/2024		<10.4
MW-39	d	2-Methylphenol	95-48-7	ug/L	10/8/2024		<10.4
MW-39	d	2-Naphthylamine	91-59-8	ug/L	10/8/2024		<10.4
MW-39	d	2-Nitroaniline	88-74-4	ug/L	10/8/2024		<10.4
MW-39	d	2-Nitrophenol	88-75-5	ug/L	10/8/2024		<10.4
MW-39	d	3,3-Dichlorobenzidine	91-94-1	ug/L	10/8/2024		<10.4
MW-39	d	3,3-Dimethylbenzidine	119-93-7	ug/L	10/8/2024		<10.4
MW-39	d	3-Methylcholanthrene	56-49-5	ug/L	10/8/2024		<10.4
MW-39	d	3-Nitroaniline	99-09-2	ug/L	10/8/2024		<10.4
MW-39	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	10/8/2024		<10.4
MW-39	d	4-Aminobiphenyl	92-67-1	ug/L	10/8/2024		<10.4
MW-39	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	10/8/2024		<10.4
MW-39	d	4-Chloro-3-methylphenol	59-50-7	ug/L	10/8/2024		<10.4
MW-39	d	4-Chloroaniline	106-47-8	ug/L	10/8/2024		<10.4
MW-39	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	10/8/2024		<10.4
MW-39	d	3/4-Methylphenol	T-34MP	ug/L	10/8/2024		<10.4
MW-39	d	4-Nitroaniline	100-01-6	ug/L	10/8/2024		<10.4
MW-39	d	4-Nitrophenol	100-02-7	ug/L	10/8/2024		<10.4
MW-39	d	5-Nitro-o-toluidine	99-55-8	ug/L	10/8/2024		<10.4
MW-39	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	10/8/2024		<10.4
MW-39	d	Acenaphthene	83-32-9	ug/L	10/8/2024		<10.4
MW-39	d	Acenaphthylene	208-96-8	ug/L	10/8/2024		<10.4
MW-39	d	Acetophenone	98-86-2	ug/L	10/8/2024		<10.4
MW-39	d	Anthracene	120-12-7	ug/L	10/8/2024		<10.4
MW-39	d	Benzo [a] anthracene	56-55-3	ug/L	10/8/2024		<10.4
MW-39	d	Benzo [a] pyrene	50-32-8	ug/L	10/8/2024		<10.4
MW-39	d	Benzo [b] fluoranthene	205-99-2	ug/L	10/8/2024		<10.4
MW-39	d	Benzo [g,h,i] perylene	191-24-2	ug/L	10/8/2024		<10.4
MW-39	d	Benzo [k] fluoranthene	207-08-9	ug/L	10/8/2024		<10.4
MW-39	d	Benzyl alcohol	100-51-6	ug/L	10/8/2024		<10.4
MW-39	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	10/8/2024		<10.4
MW-39	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	10/8/2024		<10.4
MW-39	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	10/8/2024		<10.4
MW-39	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/8/2024		<10.4
MW-39	d	Butyl benzyl phthalate	85-68-7	ug/L	10/8/2024		<10.4
MW-39	d	Chlorobenzilate	510-15-6	ug/L	10/8/2024		<10.4
MW-39	d	Chrysene	218-01-9	ug/L	10/8/2024		<10.4
MW-39	d	Diallate [cis or trans]	2303-16-4	ug/L	10/8/2024		<10.4
MW-39	d	Dibenz [a,h] anthracene	53-70-3	ug/L	10/8/2024		<10.4
MW-39	d	Dibenzofuran	132-64-9	ug/L	10/8/2024		<10.4
MW-39	d	Diethyl phthalate	84-66-2	ug/L	10/8/2024		<10.4
MW-39	d	Dimethoate	60-51-5	ug/L	10/8/2024		<10.4
MW-39	d	Dimethyl phthalate	131-11-3	ug/L	10/8/2024		<10.4
MW-39	d	Di-n-butyl phthalate	84-74-2	ug/L	10/8/2024		<10.4
MW-39	d	Di-n-octyl phthalate	117-84-0	ug/L	10/8/2024		<20.8
MW-39	d	Diphenylamine	122-39-4	ug/L	10/8/2024		<10.4
MW-39	d	Disulfoton	298-04-4	ug/L	10/8/2024		<10.4
MW-39	d	Ethyl Methanesulfonate	62-50-0	ug/L	10/8/2024		<10.4
MW-39	d	Parathion-Ethyl	56-38-2	ug/L	10/8/2024		<10.4
MW-39	d	Famphur	52-85-7	ug/L	10/8/2024		<10.4
MW-39	d	Fluoranthene	206-44-0	ug/L	10/8/2024		<10.4
MW-39	d	Fluorene	86-73-7	ug/L	10/8/2024		<10.4
MW-39	d	Hexachlorobenzene	118-74-1	ug/L	10/8/2024		<10.4
MW-39	d	Hexachlorobutadiene	87-68-3	ug/L	10/8/2024		<10.4
MW-39	d	Hexachlorocyclopentadiene	77-47-4	ug/L	10/8/2024		<10.4
MW-39	d	Hexachloroethane	67-72-1	ug/L	10/8/2024		<10.4
MW-39	d	Hexachloropropene	1888-71-7	ug/L	10/8/2024		<10.4
MW-39	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	10/8/2024		<10.4
MW-39	d	Isodrin	465-73-6	ug/L	10/8/2024		<10.4
MW-39	d	Isophorone	78-59-1	ug/L	10/8/2024		<10.4
MW-39	d	Isosafrole	120-58-1	ug/L	10/8/2024		<10.4
MW-39	d	Kepone	143-50-0	ug/L	10/8/2024		<10.4
MW-39	d	Methapyrilene	91-80-5	ug/L	10/8/2024		<10.4
MW-39	d	Methyl Methanesulfonate	66-27-3	ug/L	10/8/2024		<10.4
MW-39	d	Parathion-Methyl	298-00-0	ug/L	10/8/2024		<10.4
MW-39	d	Nitrobenzene	98-95-3	ug/L	10/8/2024		<10.4
MW-39	d	N-Nitrosodiethylamine	55-18-5	ug/L	10/8/2024		<10.4
MW-39	d	N-Nitrosodimethylamine	62-75-9	ug/L	10/8/2024		<10.4
MW-39	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	10/8/2024		<10.4
MW-39	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	10/8/2024		<10.4
MW-39	d	N-Nitrosodiphenylamine	86-30-6	ug/L	10/8/2024		<10.4
MW-39	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	10/8/2024		<10.4
MW-39	d	N-Nitrosopiperidine	100-75-4	ug/L	10/8/2024		<10.4

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	N-Nitrosopyrrolidine	930-55-2	ug/L	10/8/2024		<10.4
MW-39	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	10/8/2024		<10.4
MW-39	d	O-Toluidine	95-53-4	ug/L	10/8/2024		<10.4
MW-39	d	Dimethylaminoazobenzene	60-11-7	ug/L	10/8/2024		<10.4
MW-39	d	Pentachlorobenzene	608-93-5	ug/L	10/8/2024		<10.4
MW-39	d	Pentachloronitrobenzene	82-68-8	ug/L	10/8/2024		<10.4
MW-39	d	Pentachlorophenol [2C]	87-86-5	ug/L	10/8/2024		<10.4
MW-39	d	Phenacetin	62-44-2	ug/L	10/8/2024		<10.4
MW-39	d	Phenanthrene	85-01-8	ug/L	10/8/2024		<10.4
MW-39	d	Phenol	108-95-2	ug/L	10/8/2024		<10.4
MW-39	d	Phorate	298-02-2	ug/L	10/8/2024		<10.4
MW-39	d	Pronamide	23950-58-5	ug/L	10/8/2024		<10.4
MW-39	d	Pyrene	129-00-0	ug/L	10/8/2024		<10.4
MW-39	d	Safrole	94-59-7	ug/L	10/8/2024		<10.4
MW-39	d	Thionazin	297-97-2	ug/L	10/8/2024		<10.4
MW-39	d	Cyanide	57-12-5	mg/L	10/8/2024		<0.0100
MW-39	d	Sulfide	18496-25-8	mg/L	10/8/2024		<1.00
MW-39	d	Total Suspended Solids	TSS	mg/L	10/8/2024		2.5
MW-30R	d	Antimony	7440-36-0	mg/L	10/8/2024		<0.00200
MW-30R	d	Arsenic	7440-38-2	mg/L	10/8/2024		0.0165
MW-30R	d	Barium	7440-39-3	mg/L	10/8/2024		0.813
MW-30R	d	Beryllium	7440-41-7	mg/L	10/8/2024		<0.00100
MW-30R	d	Cadmium	7440-43-9	mg/L	10/8/2024		<0.000200
MW-30R	d	Chromium	7440-47-3	mg/L	10/8/2024		<0.00500
MW-30R	d	Cobalt	7440-48-4	mg/L	10/8/2024		0.00435
MW-30R	d	Copper	7440-50-8	mg/L	10/8/2024		<0.00500
MW-30R	d	Lead	7439-92-1	mg/L	10/8/2024		<0.000500
MW-30R	d	Nickel	7440-02-0	mg/L	10/8/2024	J	0.0024
MW-30R	d	Selenium	7782-49-2	mg/L	10/8/2024		<0.00500
MW-30R	d	Silver	7440-22-4	mg/L	10/8/2024		<0.00100
MW-30R	d	Thallium	7440-28-0	mg/L	10/8/2024		0.00117
MW-30R	d	Tin	7440-31-5	mg/L	10/8/2024		<0.00500
MW-30R	d	Vanadium	7440-62-2	mg/L	10/8/2024	J	0.00135
MW-30R	d	Zinc	7440-66-6	mg/L	10/8/2024		<0.0200
MW-30R	d	Mercury	7439-97-6	mg/L	10/8/2024	J	0.000136
MW-30R	d	Acetonitrile	75-05-8	mg/L	10/8/2024		<10.0
MW-30R	d	Isobutanol	78-83-1	mg/L	10/8/2024		<10.0
MW-30R	d	Aldrin	309-00-2	ug/L	10/8/2024		<0.0891
MW-30R	d	Alpha-BHC	319-84-6	ug/L	10/8/2024		<0.0891
MW-30R	d	Beta-BHC	319-85-7	ug/L	10/8/2024		<0.0891
MW-30R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	10/8/2024		<0.0891
MW-30R	d	Chlordane	57-74-9	ug/L	10/8/2024		<1.78
MW-30R	d	Delta-BHC	319-86-8	ug/L	10/8/2024		<0.0891
MW-30R	d	Dieldrin	60-57-1	ug/L	10/8/2024		<0.0891
MW-30R	d	4,4`-DDD	72-54-8	ug/L	10/8/2024		<0.0891
MW-30R	d	4,4`-DDE	72-55-9	ug/L	10/8/2024		<0.0891
MW-30R	d	4,4`-DDT	50-29-3	ug/L	10/8/2024		<0.0891
MW-30R	d	Endosulfan I	959-98-8	ug/L	10/8/2024		<0.0891
MW-30R	d	Endosulfan II	33213-65-9	ug/L	10/8/2024		<0.0891
MW-30R	d	Endosulfan sulfate	1031-07-8	ug/L	10/8/2024		<0.0891
MW-30R	d	Endrin	72-20-8	ug/L	10/8/2024		<0.0891
MW-30R	d	Endrin aldehyde	7421-93-4	ug/L	10/8/2024		<0.0891
MW-30R	d	Heptachlor	76-44-8	ug/L	10/8/2024		<0.0891
MW-30R	d	Heptachlor Epoxide	1024-57-3	ug/L	10/8/2024		<0.0891
MW-30R	d	Methoxychlor	72-43-5	ug/L	10/8/2024		<0.0891
MW-30R	d	Toxaphene	8001-35-2	ug/L	10/8/2024		<1.78
MW-30R	d	PCB-1016	12674-11-2	ug/L	10/8/2024		<1.78
MW-30R	d	PCB-1221	11104-28-2	ug/L	10/8/2024		<1.78
MW-30R	d	PCB-1232	11141-16-5	ug/L	10/8/2024		<1.78
MW-30R	d	PCB-1242	53469-21-9	ug/L	10/8/2024		<1.78
MW-30R	d	PCB-1248	12672-29-6	ug/L	10/8/2024		<1.78
MW-30R	d	PCB-1254	11097-69-1	ug/L	10/8/2024		<1.78
MW-30R	d	PCB-1260	11096-82-5	ug/L	10/8/2024		<1.78
MW-30R	d	PCB-1268	11100-14-4	ug/L	10/8/2024		<1.78
MW-30R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	10/8/2024		<0.903
MW-30R	d	2,4,5-T	93-76-5	ug/L	10/8/2024	*1	<0.903
MW-30R	d	2,4-D [2C]	94-75-7	ug/L	10/8/2024	*1	<1.17
MW-30R	d	Acetone	67-64-1	ug/L	10/8/2024		<10.0
MW-30R	d	Acrolein	107-02-8	ug/L	10/8/2024		<10.0
MW-30R	d	Acrylonitrile	107-13-1	ug/L	10/8/2024		<5.00
MW-30R	d	3-Chloropropene	107-05-1	ug/L	10/8/2024		<2.00
MW-30R	d	Benzene	71-43-2	ug/L	10/8/2024		0.614
MW-30R	d	Bromochloromethane	74-97-5	ug/L	10/8/2024		<5.00
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	10/8/2024		<1.00
MW-30R	d	Bromoform	75-25-2	ug/L	10/8/2024		<5.00
MW-30R	d	Bromomethane	74-83-9	ug/L	10/8/2024		<4.00
MW-30R	d	2-Butanone	78-93-3	ug/L	10/8/2024		<10.0
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	10/8/2024		<1.00
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	10/8/2024		<2.00
MW-30R	d	Chlorobenzene	108-90-7	ug/L	10/8/2024		<1.00
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	10/8/2024		<5.00
MW-30R	d	Chloroethane	75-00-3	ug/L	10/8/2024		<4.00
MW-30R	d	Chloroform	67-66-3	ug/L	10/8/2024		<3.00
MW-30R	d	Chloromethane	74-87-3	ug/L	10/8/2024		<3.00
MW-30R	d	Chloroprene	126-99-8	ug/L	10/8/2024		<1.00
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/8/2024		53.6
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/8/2024		<5.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/8/2024		<5.00
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/8/2024		<1.00
MW-30R	d	Methylene Bromide	74-95-3	ug/L	10/8/2024		<1.00
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/8/2024		<1.00
MW-30R	d	1,3-Dichlorobenzene	541-73-1	ug/L	10/8/2024		<1.00
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/8/2024		<1.00
MW-30R	d	Dichlorodifluoromethane	75-71-8	ug/L	10/8/2024	J	0.667
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	10/8/2024		4.28
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	10/8/2024		<1.00
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	10/8/2024		<2.00
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	10/8/2024	J	0.38
MW-30R	d	1,3-Dichloropropane	142-28-9	ug/L	10/8/2024		<1.00
MW-30R	d	2,2-Dichloropropane	594-20-7	ug/L	10/8/2024		<4.00
MW-30R	d	1,1-Dichloropropene	563-58-6	ug/L	10/8/2024		<1.00
MW-30R	d	Ethylbenzene	100-41-4	ug/L	10/8/2024		<1.00
MW-30R	d	Ethyl Methacrylate	97-63-2	ug/L	10/8/2024		<2.00
MW-30R	d	2-Hexanone	591-78-6	ug/L	10/8/2024		<10.0
MW-30R	d	Iodomethane	74-88-4	ug/L	10/8/2024		<10.0
MW-30R	d	Methacrylonitrile	126-98-7	ug/L	10/8/2024		<10.0
MW-30R	d	Methylene Chloride	75-09-2	ug/L	10/8/2024		<5.00
MW-30R	d	Methyl Methacrylate	80-62-6	ug/L	10/8/2024		<2.00
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/8/2024		<10.0
MW-30R	d	Naphthalene	91-20-3	ug/L	10/8/2024		<5.00
MW-30R	d	Propionitrile	107-12-0	ug/L	10/8/2024		<10.0
MW-30R	d	Styrene	100-42-5	ug/L	10/8/2024		<1.00
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/8/2024		<1.00
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/8/2024		<1.00
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	10/8/2024		<1.00
MW-30R	d	Toluene	108-88-3	ug/L	10/8/2024		<1.00
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/8/2024		<10.0
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/8/2024		1.82
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/8/2024		<5.00
MW-30R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	10/8/2024		<5.00
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/8/2024		<1.00
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/8/2024		<1.00
MW-30R	d	Trichloroethene	79-01-6	ug/L	10/8/2024		2.74
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	10/8/2024		<4.00
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/8/2024		<1.00
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	10/8/2024		<10.0
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	10/8/2024		6.13
MW-30R	d	Xylenes, total	1330-20-7	ug/L	10/8/2024		<3.00
MW-30R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	10/8/2024		<10.9
MW-30R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	10/8/2024		<10.9
MW-30R	d	1,3-Dinitrobenzene	99-65-0	ug/L	10/8/2024		<10.9
MW-30R	d	1,4-Naphthoquinone	130-15-4	ug/L	10/8/2024		<10.9
MW-30R	d	1,4-Phenylenediamine	106-50-3	ug/L	10/8/2024		<10.9
MW-30R	d	1-Naphthylamine	134-32-7	ug/L	10/8/2024		<10.9
MW-30R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	10/8/2024		<10.9
MW-30R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	10/8/2024		<10.9
MW-30R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	10/8/2024		<10.9
MW-30R	d	2,4-Dichlorophenol	120-83-2	ug/L	10/8/2024		<10.9
MW-30R	d	2,4-Dimethylphenol	105-67-9	ug/L	10/8/2024		<10.9
MW-30R	d	2,4-Dinitrophenol	51-28-5	ug/L	10/8/2024		<21.7
MW-30R	d	2,4-Dinitrotoluene	121-14-2	ug/L	10/8/2024		<10.9
MW-30R	d	2,6-Dichlorophenol	87-65-0	ug/L	10/8/2024		<10.9
MW-30R	d	2,6-Dinitrotoluene	606-20-2	ug/L	10/8/2024		<10.9
MW-30R	d	2-Acetylaminofluorene	53-96-3	ug/L	10/8/2024		<10.9
MW-30R	d	2-Chloronaphthalene	91-58-7	ug/L	10/8/2024		<10.9
MW-30R	d	2-Chlorophenol	95-57-8	ug/L	10/8/2024		<10.9
MW-30R	d	2-Methylnaphthalene	91-57-6	ug/L	10/8/2024		<10.9
MW-30R	d	2-Methylphenol	95-48-7	ug/L	10/8/2024		<10.9
MW-30R	d	2-Naphthylamine	91-59-8	ug/L	10/8/2024		<10.9
MW-30R	d	2-Nitroaniline	88-74-4	ug/L	10/8/2024		<10.9
MW-30R	d	2-Nitrophenol	88-75-5	ug/L	10/8/2024		<10.9
MW-30R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	10/8/2024		<10.9
MW-30R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	10/8/2024		<10.9
MW-30R	d	3-Methylcholanthrene	56-49-5	ug/L	10/8/2024		<10.9
MW-30R	d	3-Nitroaniline	99-09-2	ug/L	10/8/2024		<10.9
MW-30R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	10/8/2024		<10.9
MW-30R	d	4-Aminobiphenyl	92-67-1	ug/L	10/8/2024		<10.9
MW-30R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	10/8/2024		<10.9
MW-30R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	10/8/2024		<10.9
MW-30R	d	4-Chloroaniline	106-47-8	ug/L	10/8/2024		<10.9
MW-30R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	10/8/2024		<10.9
MW-30R	d	3/4-Methylphenol	T-34MP	ug/L	10/8/2024		<10.9
MW-30R	d	4-Nitroaniline	100-01-6	ug/L	10/8/2024		<10.9
MW-30R	d	4-Nitrophenol	100-02-7	ug/L	10/8/2024		<10.9
MW-30R	d	5-Nitro-o-toluidine	99-55-8	ug/L	10/8/2024		<10.9
MW-30R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	10/8/2024		<10.9
MW-30R	d	Acenaphthene	83-32-9	ug/L	10/8/2024		<10.9
MW-30R	d	Acenaphthylene	208-96-8	ug/L	10/8/2024		<10.9
MW-30R	d	Acetophenone	98-86-2	ug/L	10/8/2024		<10.9
MW-30R	d	Anthracene	120-12-7	ug/L	10/8/2024		<10.9
MW-30R	d	Benzo [a] anthracene	56-55-3	ug/L	10/8/2024		<10.9
MW-30R	d	Benzo [a] pyrene	50-32-8	ug/L	10/8/2024		<10.9
MW-30R	d	Benzo [b] fluoranthene	205-99-2	ug/L	10/8/2024		<10.9
MW-30R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	10/8/2024		<10.9

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	Benzo [k] fluoranthene	207-08-9	ug/L	10/8/2024		<10.9
MW-30R	d	Benzyl alcohol	100-51-6	ug/L	10/8/2024		<10.9
MW-30R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	10/8/2024		<10.9
MW-30R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	10/8/2024		<10.9
MW-30R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	10/8/2024		<10.9
MW-30R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/8/2024		<10.9
MW-30R	d	Butyl benzyl phthalate	85-68-7	ug/L	10/8/2024		<10.9
MW-30R	d	Chlorobenzilate	510-15-6	ug/L	10/8/2024		<10.9
MW-30R	d	Chrysene	218-01-9	ug/L	10/8/2024		<10.9
MW-30R	d	Diallate [cis or trans]	2303-16-4	ug/L	10/8/2024		<10.9
MW-30R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	10/8/2024		<10.9
MW-30R	d	Dibenzofuran	132-64-9	ug/L	10/8/2024		<10.9
MW-30R	d	Diethyl phthalate	84-66-2	ug/L	10/8/2024		<10.9
MW-30R	d	Dimethoate	60-51-5	ug/L	10/8/2024		<10.9
MW-30R	d	Dimethyl phthalate	131-11-3	ug/L	10/8/2024		<10.9
MW-30R	d	Di-n-butyl phthalate	84-74-2	ug/L	10/8/2024		<10.9
MW-30R	d	Di-n-octyl phthalate	117-84-0	ug/L	10/8/2024		<21.7
MW-30R	d	Diphenylamine	122-39-4	ug/L	10/8/2024		<10.9
MW-30R	d	Disulfoton	298-04-4	ug/L	10/8/2024		<10.9
MW-30R	d	Ethyl Methanesulfonate	62-50-0	ug/L	10/8/2024		<10.9
MW-30R	d	Parathion-Ethyl	56-38-2	ug/L	10/8/2024		<10.9
MW-30R	d	Famphur	52-85-7	ug/L	10/8/2024		<10.9
MW-30R	d	Fluoranthene	206-44-0	ug/L	10/8/2024		<10.9
MW-30R	d	Fluorene	86-73-7	ug/L	10/8/2024		<10.9
MW-30R	d	Hexachlorobenzene	118-74-1	ug/L	10/8/2024		<10.9
MW-30R	d	Hexachlorobutadiene	87-68-3	ug/L	10/8/2024		<10.9
MW-30R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	10/8/2024		<10.9
MW-30R	d	Hexachloroethane	67-72-1	ug/L	10/8/2024		<10.9
MW-30R	d	Hexachloropropene	1888-71-7	ug/L	10/8/2024		<10.9
MW-30R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	10/8/2024		<10.9
MW-30R	d	Isodrin	465-73-6	ug/L	10/8/2024		<10.9
MW-30R	d	Isophorone	78-59-1	ug/L	10/8/2024		<10.9
MW-30R	d	Isosafrole	120-58-1	ug/L	10/8/2024		<10.9
MW-30R	d	Kepone	143-50-0	ug/L	10/8/2024		<10.9
MW-30R	d	Methapyrilene	91-80-5	ug/L	10/8/2024		<10.9
MW-30R	d	Methyl Methanesulfonate	66-27-3	ug/L	10/8/2024		<10.9
MW-30R	d	Parathion-Methyl	298-00-0	ug/L	10/8/2024		<10.9
MW-30R	d	Nitrobenzene	98-95-3	ug/L	10/8/2024		<10.9
MW-30R	d	N-Nitrosodiethylamine	55-18-5	ug/L	10/8/2024		<10.9
MW-30R	d	N-Nitrosodimethylamine	62-75-9	ug/L	10/8/2024		<10.9
MW-30R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	10/8/2024		<10.9
MW-30R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	10/8/2024		<10.9
MW-30R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	10/8/2024		<10.9
MW-30R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	10/8/2024		<10.9
MW-30R	d	N-Nitrosopiperidine	100-75-4	ug/L	10/8/2024		<10.9
MW-30R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	10/8/2024		<10.9
MW-30R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	10/8/2024		<10.9
MW-30R	d	O-Toluidine	95-53-4	ug/L	10/8/2024		<10.9
MW-30R	d	Dimethylaminoazobenzene	60-11-7	ug/L	10/8/2024		<10.9
MW-30R	d	Pentachlorobenzene	608-93-5	ug/L	10/8/2024		<10.9
MW-30R	d	Pentachloronitrobenzene	82-68-8	ug/L	10/8/2024		<10.9
MW-30R	d	Pentachlorophenol [2C]	87-86-5	ug/L	10/8/2024		<10.9
MW-30R	d	Phenacetin	62-44-2	ug/L	10/8/2024		<10.9
MW-30R	d	Phenanthrene	85-01-8	ug/L	10/8/2024		<10.9
MW-30R	d	Phenol	108-95-2	ug/L	10/8/2024		<10.9
MW-30R	d	Phorate	298-02-2	ug/L	10/8/2024		<10.9
MW-30R	d	Pronamide	23950-58-5	ug/L	10/8/2024		<10.9
MW-30R	d	Pyrene	129-00-0	ug/L	10/8/2024		<10.9
MW-30R	d	Safrole	94-59-7	ug/L	10/8/2024		<10.9
MW-30R	d	Thionazin	297-97-2	ug/L	10/8/2024		<10.9
MW-30R	d	Cyanide	57-12-5	mg/L	10/8/2024		<0.0100
MW-30R	d	Sulfide	18496-25-8	mg/L	10/8/2024		<1.00
MW-30R	d	Total Organic Carbon	TOC	mg/L	10/8/2024		3.02
MW-30R	d	Total Suspended Solids	TSS	mg/L	10/8/2024		18.3
MW-31R	d	Antimony	7440-36-0	mg/L	10/8/2024		<0.00200
MW-31R	d	Arsenic	7440-38-2	mg/L	10/8/2024		0.0364
MW-31R	d	Barium	7440-39-3	mg/L	10/8/2024		1.17
MW-31R	d	Beryllium	7440-41-7	mg/L	10/8/2024		<0.00100
MW-31R	d	Cadmium	7440-43-9	mg/L	10/8/2024		0.000205
MW-31R	d	Chromium	7440-47-3	mg/L	10/8/2024		<0.00500
MW-31R	d	Cobalt	7440-48-4	mg/L	10/8/2024		0.0109
MW-31R	d	Copper	7440-50-8	mg/L	10/8/2024	B	0.00506
MW-31R	d	Lead	7439-92-1	mg/L	10/8/2024		0.00289
MW-31R	d	Nickel	7440-02-0	mg/L	10/8/2024	J	0.00426
MW-31R	d	Selenium	7782-49-2	mg/L	10/8/2024		<0.00500
MW-31R	d	Silver	7440-22-4	mg/L	10/8/2024		<0.00100
MW-31R	d	Thallium	7440-28-0	mg/L	10/8/2024		<0.00100
MW-31R	d	Tin	7440-31-5	mg/L	10/8/2024		<0.00500
MW-31R	d	Vanadium	7440-62-2	mg/L	10/8/2024	J	0.00302
MW-31R	d	Zinc	7440-66-6	mg/L	10/8/2024		<0.0200
MW-31R	d	Mercury	7439-97-6	mg/L	10/8/2024	J	0.000183
MW-31R	d	Acetonitrile	75-05-8	mg/L	10/8/2024		<10.0
MW-31R	d	Isobutanol	78-83-1	mg/L	10/8/2024		<10.0
MW-31R	d	Aldrin	309-00-2	ug/L	10/8/2024		<0.0900
MW-31R	d	Alpha-BHC	319-84-6	ug/L	10/8/2024		<0.0900
MW-31R	d	Beta-BHC	319-85-7	ug/L	10/8/2024		<0.0900
MW-31R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	10/8/2024		<0.0900

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	Chlordane	57-74-9	ug/L	10/8/2024		<1.80
MW-31R	d	Delta-BHC	319-86-8	ug/L	10/8/2024		<0.0900
MW-31R	d	Dieldrin	60-57-1	ug/L	10/8/2024		<0.0900
MW-31R	d	4,4`-DDD	72-54-8	ug/L	10/8/2024		<0.0900
MW-31R	d	4,4`-DDE	72-55-9	ug/L	10/8/2024		<0.0900
MW-31R	d	4,4`-DDT	50-29-3	ug/L	10/8/2024		<0.0900
MW-31R	d	Endosulfan I	959-98-8	ug/L	10/8/2024		<0.0900
MW-31R	d	Endosulfan II	33213-65-9	ug/L	10/8/2024		<0.0900
MW-31R	d	Endosulfan sulfate	1031-07-8	ug/L	10/8/2024		<0.0900
MW-31R	d	Endrin	72-20-8	ug/L	10/8/2024		<0.0900
MW-31R	d	Endrin aldehyde	7421-93-4	ug/L	10/8/2024		<0.0900
MW-31R	d	Heptachlor	76-44-8	ug/L	10/8/2024		<0.0900
MW-31R	d	Heptachlor Epoxide	1024-57-3	ug/L	10/8/2024		<0.0900
MW-31R	d	Methoxychlor	72-43-5	ug/L	10/8/2024		<0.0900
MW-31R	d	Toxaphene	8001-35-2	ug/L	10/8/2024		<1.80
MW-31R	d	PCB-1016	12674-11-2	ug/L	10/8/2024		<1.80
MW-31R	d	PCB-1221	11104-28-2	ug/L	10/8/2024		<1.80
MW-31R	d	PCB-1232	11141-16-5	ug/L	10/8/2024		<1.80
MW-31R	d	PCB-1242	53469-21-9	ug/L	10/8/2024		<1.80
MW-31R	d	PCB-1248	12672-29-6	ug/L	10/8/2024		<1.80
MW-31R	d	PCB-1254	11097-69-1	ug/L	10/8/2024		<1.80
MW-31R	d	PCB-1260	11096-82-5	ug/L	10/8/2024		<1.80
MW-31R	d	PCB-1268	11100-14-4	ug/L	10/8/2024		<1.80
MW-31R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	10/8/2024		<0.914
MW-31R	d	2,4,5-T	93-76-5	ug/L	10/8/2024	*1	<0.914
MW-31R	d	2,4-D [2C]	94-75-7	ug/L	10/8/2024	*1	<1.18
MW-31R	d	Acetone	67-64-1	ug/L	10/8/2024		<10.0
MW-31R	d	Acrolein	107-02-8	ug/L	10/8/2024		<10.0
MW-31R	d	Acrylonitrile	107-13-1	ug/L	10/8/2024		<5.00
MW-31R	d	3-Chloropropene	107-05-1	ug/L	10/8/2024		<2.00
MW-31R	d	Benzene	71-43-2	ug/L	10/8/2024		0.871
MW-31R	d	Bromochloromethane	74-97-5	ug/L	10/8/2024		<5.00
MW-31R	d	Bromodichloromethane	75-27-4	ug/L	10/8/2024		<1.00
MW-31R	d	Bromoform	75-25-2	ug/L	10/8/2024		<5.00
MW-31R	d	Bromomethane	74-83-9	ug/L	10/8/2024		<4.00
MW-31R	d	2-Butanone	78-93-3	ug/L	10/8/2024		<10.0
MW-31R	d	Carbon Disulfide	75-15-0	ug/L	10/8/2024		<1.00
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	10/8/2024		<2.00
MW-31R	d	Chlorobenzene	108-90-7	ug/L	10/8/2024		<1.00
MW-31R	d	Chlorodibromomethane	124-48-1	ug/L	10/8/2024		<5.00
MW-31R	d	Chloroethane	75-00-3	ug/L	10/8/2024		<4.00
MW-31R	d	Chloroform	67-66-3	ug/L	10/8/2024		<3.00
MW-31R	d	Chloromethane	74-87-3	ug/L	10/8/2024		<3.00
MW-31R	d	Chloroprene	126-99-8	ug/L	10/8/2024		<1.00
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/8/2024	J	0.456
MW-31R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/8/2024		<5.00
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/8/2024		<5.00
MW-31R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/8/2024		<1.00
MW-31R	d	Methylene Bromide	74-95-3	ug/L	10/8/2024		<1.00
MW-31R	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/8/2024		<1.00
MW-31R	d	1,3-Dichlorobenzene	541-73-1	ug/L	10/8/2024		<1.00
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/8/2024		<1.00
MW-31R	d	Dichlorodifluoromethane	75-71-8	ug/L	10/8/2024		<3.00
MW-31R	d	1,1-Dichloroethane	75-34-3	ug/L	10/8/2024		<1.00
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	10/8/2024		<1.00
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	10/8/2024		<2.00
MW-31R	d	1,2-Dichloropropane	78-87-5	ug/L	10/8/2024		<1.00
MW-31R	d	1,3-Dichloropropane	142-28-9	ug/L	10/8/2024		<1.00
MW-31R	d	2,2-Dichloropropane	594-20-7	ug/L	10/8/2024		<4.00
MW-31R	d	1,1-Dichloropropene	563-58-6	ug/L	10/8/2024		<1.00
MW-31R	d	Ethylbenzene	100-41-4	ug/L	10/8/2024		<1.00
MW-31R	d	Ethyl Methacrylate	97-63-2	ug/L	10/8/2024		<2.00
MW-31R	d	2-Hexanone	591-78-6	ug/L	10/8/2024		<10.0
MW-31R	d	Iodomethane	74-88-4	ug/L	10/8/2024		<10.0
MW-31R	d	Methacrylonitrile	126-98-7	ug/L	10/8/2024		<10.0
MW-31R	d	Methylene Chloride	75-09-2	ug/L	10/8/2024		<5.00
MW-31R	d	Methyl Methacrylate	80-62-6	ug/L	10/8/2024		<2.00
MW-31R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/8/2024		<10.0
MW-31R	d	Naphthalene	91-20-3	ug/L	10/8/2024		<5.00
MW-31R	d	Propionitrile	107-12-0	ug/L	10/8/2024		<10.0
MW-31R	d	Styrene	100-42-5	ug/L	10/8/2024		<1.00
MW-31R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/8/2024		<1.00
MW-31R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/8/2024		<1.00
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	10/8/2024		<1.00
MW-31R	d	Toluene	108-88-3	ug/L	10/8/2024		<1.00
MW-31R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/8/2024		<10.0
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/8/2024		<1.00
MW-31R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/8/2024		<5.00
MW-31R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	10/8/2024		<5.00
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/8/2024		<1.00
MW-31R	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/8/2024		<1.00
MW-31R	d	Trichloroethene	79-01-6	ug/L	10/8/2024		<1.00
MW-31R	d	Trichlorofluoromethane	75-69-4	ug/L	10/8/2024		<4.00
MW-31R	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/8/2024		<1.00
MW-31R	d	Vinyl Acetate	108-05-4	ug/L	10/8/2024		<10.0
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	10/8/2024		<1.00
MW-31R	d	Xylenes, total	1330-20-7	ug/L	10/8/2024		<3.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	10/8/2024		<10.9
MW-31R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	10/8/2024		<10.9
MW-31R	d	1,3-Dinitrobenzene	99-65-0	ug/L	10/8/2024		<10.9
MW-31R	d	1,4-Naphthoquinone	130-15-4	ug/L	10/8/2024		<10.9
MW-31R	d	1,4-Phenylenediamine	106-50-3	ug/L	10/8/2024		<10.9
MW-31R	d	1-Naphthylamine	134-32-7	ug/L	10/8/2024		<10.9
MW-31R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	10/8/2024		<10.9
MW-31R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	10/8/2024		<10.9
MW-31R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	10/8/2024		<10.9
MW-31R	d	2,4-Dichlorophenol	120-83-2	ug/L	10/8/2024		<10.9
MW-31R	d	2,4-Dimethylphenol	105-67-9	ug/L	10/8/2024		<10.9
MW-31R	d	2,4-Dinitrophenol	51-28-5	ug/L	10/8/2024		<21.7
MW-31R	d	2,4-Dinitrotoluene	121-14-2	ug/L	10/8/2024		<10.9
MW-31R	d	2,6-Dichlorophenol	87-65-0	ug/L	10/8/2024		<10.9
MW-31R	d	2,6-Dinitrotoluene	606-20-2	ug/L	10/8/2024		<10.9
MW-31R	d	2-Acetylaminofluorene	53-96-3	ug/L	10/8/2024		<10.9
MW-31R	d	2-Chloronaphthalene	91-58-7	ug/L	10/8/2024		<10.9
MW-31R	d	2-Chlorophenol	95-57-8	ug/L	10/8/2024		<10.9
MW-31R	d	2-Methylnaphthalene	91-57-6	ug/L	10/8/2024		<10.9
MW-31R	d	2-Methylphenol	95-48-7	ug/L	10/8/2024		<10.9
MW-31R	d	2-Naphthylamine	91-59-8	ug/L	10/8/2024		<10.9
MW-31R	d	2-Nitroaniline	88-74-4	ug/L	10/8/2024		<10.9
MW-31R	d	2-Nitrophenol	88-75-5	ug/L	10/8/2024		<10.9
MW-31R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	10/8/2024		<10.9
MW-31R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	10/8/2024		<10.9
MW-31R	d	3-Methylcholanthrene	56-49-5	ug/L	10/8/2024		<10.9
MW-31R	d	3-Nitroaniline	99-09-2	ug/L	10/8/2024		<10.9
MW-31R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	10/8/2024		<10.9
MW-31R	d	4-Aminobiphenyl	92-67-1	ug/L	10/8/2024		<10.9
MW-31R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	10/8/2024		<10.9
MW-31R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	10/8/2024		<10.9
MW-31R	d	4-Chloroaniline	106-47-8	ug/L	10/8/2024		<10.9
MW-31R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	10/8/2024		<10.9
MW-31R	d	3/4-Methylphenol	T-34MP	ug/L	10/8/2024		<10.9
MW-31R	d	4-Nitroaniline	100-01-6	ug/L	10/8/2024		<10.9
MW-31R	d	4-Nitrophenol	100-02-7	ug/L	10/8/2024		<10.9
MW-31R	d	5-Nitro-o-toluidine	99-55-8	ug/L	10/8/2024		<10.9
MW-31R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	10/8/2024		<10.9
MW-31R	d	Acenaphthene	83-32-9	ug/L	10/8/2024		<10.9
MW-31R	d	Acenaphthylene	208-96-8	ug/L	10/8/2024		<10.9
MW-31R	d	Acetophenone	98-86-2	ug/L	10/8/2024		<10.9
MW-31R	d	Anthracene	120-12-7	ug/L	10/8/2024		<10.9
MW-31R	d	Benzo [a] anthracene	56-55-3	ug/L	10/8/2024		<10.9
MW-31R	d	Benzo [a] pyrene	50-32-8	ug/L	10/8/2024		<10.9
MW-31R	d	Benzo [b] fluoranthene	205-99-2	ug/L	10/8/2024		<10.9
MW-31R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	10/8/2024		<10.9
MW-31R	d	Benzo [k] fluoranthene	207-08-9	ug/L	10/8/2024		<10.9
MW-31R	d	Benzyl alcohol	100-51-6	ug/L	10/8/2024		<10.9
MW-31R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	10/8/2024		<10.9
MW-31R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	10/8/2024		<10.9
MW-31R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	10/8/2024		<10.9
MW-31R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/8/2024		<10.9
MW-31R	d	Butyl benzyl phthalate	85-68-7	ug/L	10/8/2024		<10.9
MW-31R	d	Chlorobenzilate	510-15-6	ug/L	10/8/2024		<10.9
MW-31R	d	Chrysene	218-01-9	ug/L	10/8/2024		<10.9
MW-31R	d	Diallate [cis or trans]	2303-16-4	ug/L	10/8/2024		<10.9
MW-31R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	10/8/2024		<10.9
MW-31R	d	Dibenzofuran	132-64-9	ug/L	10/8/2024		<10.9
MW-31R	d	Diethyl phthalate	84-66-2	ug/L	10/8/2024		<10.9
MW-31R	d	Dimethoate	60-51-5	ug/L	10/8/2024		<10.9
MW-31R	d	Dimethyl phthalate	131-11-3	ug/L	10/8/2024		<10.9
MW-31R	d	Di-n-butyl phthalate	84-74-2	ug/L	10/8/2024		<10.9
MW-31R	d	Di-n-octyl phthalate	117-84-0	ug/L	10/8/2024		<21.7
MW-31R	d	Diphenylamine	122-39-4	ug/L	10/8/2024		<10.9
MW-31R	d	Disulfoton	298-04-4	ug/L	10/8/2024		<10.9
MW-31R	d	Ethyl Methanesulfonate	62-50-0	ug/L	10/8/2024		<10.9
MW-31R	d	Parathion-Ethyl	56-38-2	ug/L	10/8/2024		<10.9
MW-31R	d	Famphur	52-85-7	ug/L	10/8/2024		<10.9
MW-31R	d	Fluoranthene	206-44-0	ug/L	10/8/2024		<10.9
MW-31R	d	Fluorene	86-73-7	ug/L	10/8/2024		<10.9
MW-31R	d	Hexachlorobenzene	118-74-1	ug/L	10/8/2024		<10.9
MW-31R	d	Hexachlorobutadiene	87-68-3	ug/L	10/8/2024		<10.9
MW-31R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	10/8/2024		<10.9
MW-31R	d	Hexachloroethane	67-72-1	ug/L	10/8/2024		<10.9
MW-31R	d	Hexachloropropene	1888-71-7	ug/L	10/8/2024		<10.9
MW-31R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	10/8/2024		<10.9
MW-31R	d	Isodrin	465-73-6	ug/L	10/8/2024		<10.9
MW-31R	d	Isophorone	78-59-1	ug/L	10/8/2024		<10.9
MW-31R	d	Isosafrole	120-58-1	ug/L	10/8/2024		<10.9
MW-31R	d	Kepone	143-50-0	ug/L	10/8/2024		<10.9
MW-31R	d	Methapyrilene	91-80-5	ug/L	10/8/2024		<10.9
MW-31R	d	Methyl Methanesulfonate	66-27-3	ug/L	10/8/2024		<10.9
MW-31R	d	Parathion-Methyl	298-00-0	ug/L	10/8/2024		<10.9
MW-31R	d	Nitrobenzene	98-95-3	ug/L	10/8/2024		<10.9
MW-31R	d	N-Nitrosodiethylamine	55-18-5	ug/L	10/8/2024		<10.9
MW-31R	d	N-Nitrosodimethylamine	62-75-9	ug/L	10/8/2024		<10.9
MW-31R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	10/8/2024		<10.9

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	10/8/2024		<10.9
MW-31R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	10/8/2024		<10.9
MW-31R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	10/8/2024		<10.9
MW-31R	d	N-Nitrosopiperidine	100-75-4	ug/L	10/8/2024		<10.9
MW-31R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	10/8/2024		<10.9
MW-31R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	10/8/2024		<10.9
MW-31R	d	O-Toluidine	95-53-4	ug/L	10/8/2024		<10.9
MW-31R	d	Dimethylaminoazobenzene	60-11-7	ug/L	10/8/2024		<10.9
MW-31R	d	Pentachlorobenzene	608-93-5	ug/L	10/8/2024		<10.9
MW-31R	d	Pentachloronitrobenzene	82-68-8	ug/L	10/8/2024		<10.9
MW-31R	d	Pentachlorophenol [2C]	87-86-5	ug/L	10/8/2024		<10.9
MW-31R	d	Phenacetin	62-44-2	ug/L	10/8/2024		<10.9
MW-31R	d	Phenanthrene	85-01-8	ug/L	10/8/2024		<10.9
MW-31R	d	Phenol	108-95-2	ug/L	10/8/2024		<10.9
MW-31R	d	Phorate	298-02-2	ug/L	10/8/2024		<10.9
MW-31R	d	Pronamide	23950-58-5	ug/L	10/8/2024		<10.9
MW-31R	d	Pyrene	129-00-0	ug/L	10/8/2024		<10.9
MW-31R	d	Safrole	94-59-7	ug/L	10/8/2024		<10.9
MW-31R	d	Thionazin	297-97-2	ug/L	10/8/2024		<10.9
MW-31R	d	Cyanide	57-12-5	mg/L	10/8/2024		<0.0100
MW-31R	d	Sulfide	18496-25-8	mg/L	10/8/2024		<1.00
MW-31R	d	Total Organic Carbon	TOC	mg/L	10/8/2024		4.17
MW-31R	d	Total Suspended Solids	TSS	mg/L	10/8/2024		153
MW-56	d	Antimony	7440-36-0	mg/L	10/7/2024		<0.00200
MW-56	d	Arsenic	7440-38-2	mg/L	10/7/2024		0.0346
MW-56	d	Barium	7440-39-3	mg/L	10/7/2024		0.873
MW-56	d	Beryllium	7440-41-7	mg/L	10/7/2024		<0.00100
MW-56	d	Cadmium	7440-43-9	mg/L	10/7/2024		<0.000200
MW-56	d	Chromium	7440-47-3	mg/L	10/7/2024		<0.00500
MW-56	d	Cobalt	7440-48-4	mg/L	10/7/2024		0.014
MW-56	d	Copper	7440-50-8	mg/L	10/7/2024		<0.00500
MW-56	d	Lead	7439-92-1	mg/L	10/7/2024		<0.000500
MW-56	d	Nickel	7440-02-0	mg/L	10/7/2024		0.0124
MW-56	d	Selenium	7782-49-2	mg/L	10/7/2024		<0.00500
MW-56	d	Silver	7440-22-4	mg/L	10/7/2024		<0.00100
MW-56	d	Thallium	7440-28-0	mg/L	10/7/2024		0.00113
MW-56	d	Tin	7440-31-5	mg/L	10/7/2024		<0.00500
MW-56	d	Vanadium	7440-62-2	mg/L	10/7/2024		<0.00500
MW-56	d	Zinc	7440-66-6	mg/L	10/7/2024		<0.0200
MW-56	d	Mercury	7439-97-6	mg/L	10/7/2024	J	0.000142
MW-56	d	Acetonitrile	75-05-8	mg/L	10/7/2024		<10.0
MW-56	d	Isobutanol	78-83-1	mg/L	10/7/2024		<10.0
MW-56	d	Aldrin	309-00-2	ug/L	10/7/2024		<0.0875
MW-56	d	Alpha-BHC	319-84-6	ug/L	10/7/2024		<0.0875
MW-56	d	Beta-BHC	319-85-7	ug/L	10/7/2024		<0.0875
MW-56	d	Gamma-BHC [Lindane]	58-89-9	ug/L	10/7/2024		<0.0875
MW-56	d	Chlordane	57-74-9	ug/L	10/7/2024		<1.75
MW-56	d	Delta-BHC	319-86-8	ug/L	10/7/2024		<0.0875
MW-56	d	Dieldrin	60-57-1	ug/L	10/7/2024		<0.0875
MW-56	d	4,4`-DDD	72-54-8	ug/L	10/7/2024		<0.0875
MW-56	d	4,4`-DDE	72-55-9	ug/L	10/7/2024		<0.0875
MW-56	d	4,4`-DDT	50-29-3	ug/L	10/7/2024		<0.0875
MW-56	d	Endosulfan I	959-98-8	ug/L	10/7/2024		<0.0875
MW-56	d	Endosulfan II	33213-65-9	ug/L	10/7/2024		<0.0875
MW-56	d	Endosulfan sulfate	1031-07-8	ug/L	10/7/2024		<0.0875
MW-56	d	Endrin	72-20-8	ug/L	10/7/2024		<0.0875
MW-56	d	Endrin aldehyde	7421-93-4	ug/L	10/7/2024		<0.0875
MW-56	d	Heptachlor	76-44-8	ug/L	10/7/2024		<0.0875
MW-56	d	Heptachlor Epoxide	1024-57-3	ug/L	10/7/2024		<0.0875
MW-56	d	Methoxychlor	72-43-5	ug/L	10/7/2024		<0.0875
MW-56	d	Toxaphene	8001-35-2	ug/L	10/7/2024		<1.75
MW-56	d	PCB-1016	12674-11-2	ug/L	10/7/2024		<1.75
MW-56	d	PCB-1221	11104-28-2	ug/L	10/7/2024		<1.75
MW-56	d	PCB-1232	11141-16-5	ug/L	10/7/2024		<1.75
MW-56	d	PCB-1242	53469-21-9	ug/L	10/7/2024		<1.75
MW-56	d	PCB-1248	12672-29-6	ug/L	10/7/2024		<1.75
MW-56	d	PCB-1254	11097-69-1	ug/L	10/7/2024		<1.75
MW-56	d	PCB-1260	11096-82-5	ug/L	10/7/2024		<1.75
MW-56	d	PCB-1268	11100-14-4	ug/L	10/7/2024		<1.75
MW-56	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	10/7/2024		<0.987
MW-56	d	2,4,5-T	93-76-5	ug/L	10/7/2024	*1	<0.987
MW-56	d	2,4-D [2C]	94-75-7	ug/L	10/7/2024	*1	<1.28
MW-56	d	Acetone	67-64-1	ug/L	10/7/2024		<10.0
MW-56	d	Acrolein	107-02-8	ug/L	10/7/2024		<10.0
MW-56	d	Acrylonitrile	107-13-1	ug/L	10/7/2024		<5.00
MW-56	d	3-Chloropropene	107-05-1	ug/L	10/7/2024		<2.00
MW-56	d	Benzene	71-43-2	ug/L	10/7/2024		2.26
MW-56	d	Bromochloromethane	74-97-5	ug/L	10/7/2024		<5.00
MW-56	d	Bromodichloromethane	75-27-4	ug/L	10/7/2024		<1.00
MW-56	d	Bromoform	75-25-2	ug/L	10/7/2024		<5.00
MW-56	d	Bromomethane	74-83-9	ug/L	10/7/2024		<4.00
MW-56	d	2-Butanone	78-93-3	ug/L	10/7/2024		<10.0
MW-56	d	Carbon Disulfide	75-15-0	ug/L	10/7/2024		<1.00
MW-56	d	Carbon Tetrachloride	56-23-5	ug/L	10/7/2024		<2.00
MW-56	d	Chlorobenzene	108-90-7	ug/L	10/7/2024		<1.00
MW-56	d	Chlorodibromomethane	124-48-1	ug/L	10/7/2024		<5.00
MW-56	d	Chloroethane	75-00-3	ug/L	10/7/2024		<4.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	Chloroform	67-66-3	ug/L	10/7/2024		<3.00
MW-56	d	Chloromethane	74-87-3	ug/L	10/7/2024		<3.00
MW-56	d	Chloroprene	126-99-8	ug/L	10/7/2024		<1.00
MW-56	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/7/2024		<1.00
MW-56	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/7/2024		<5.00
MW-56	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/7/2024		<5.00
MW-56	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/7/2024		<1.00
MW-56	d	Methylene Bromide	74-95-3	ug/L	10/7/2024		<1.00
MW-56	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/7/2024		<1.00
MW-56	d	1,3-Dichlorobenzene	541-73-1	ug/L	10/7/2024		<1.00
MW-56	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/7/2024		<1.00
MW-56	d	Dichlorodifluoromethane	75-71-8	ug/L	10/7/2024		<3.00
MW-56	d	1,1-Dichloroethane	75-34-3	ug/L	10/7/2024		<1.00
MW-56	d	1,2-Dichloroethane	107-06-2	ug/L	10/7/2024		<1.00
MW-56	d	1,1-Dichloroethene	75-35-4	ug/L	10/7/2024		<2.00
MW-56	d	1,2-Dichloropropane	78-87-5	ug/L	10/7/2024		<1.00
MW-56	d	1,3-Dichloropropane	142-28-9	ug/L	10/7/2024		<1.00
MW-56	d	2,2-Dichloropropane	594-20-7	ug/L	10/7/2024		<4.00
MW-56	d	1,1-Dichloropropene	563-58-6	ug/L	10/7/2024		<1.00
MW-56	d	Ethylbenzene	100-41-4	ug/L	10/7/2024		<1.00
MW-56	d	Ethyl Methacrylate	97-63-2	ug/L	10/7/2024		<2.00
MW-56	d	2-Hexanone	591-78-6	ug/L	10/7/2024		<10.0
MW-56	d	Iodomethane	74-88-4	ug/L	10/7/2024		<10.0
MW-56	d	Methacrylonitrile	126-98-7	ug/L	10/7/2024		<10.0
MW-56	d	Methylene Chloride	75-09-2	ug/L	10/7/2024		<5.00
MW-56	d	Methyl Methacrylate	80-62-6	ug/L	10/7/2024		<2.00
MW-56	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/7/2024		<10.0
MW-56	d	Naphthalene	91-20-3	ug/L	10/7/2024		<5.00
MW-56	d	Propionitrile	107-12-0	ug/L	10/7/2024		<10.0
MW-56	d	Styrene	100-42-5	ug/L	10/7/2024		<1.00
MW-56	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/7/2024		<1.00
MW-56	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/7/2024		<1.00
MW-56	d	Tetrachloroethene	127-18-4	ug/L	10/7/2024		<1.00
MW-56	d	Toluene	108-88-3	ug/L	10/7/2024		<1.00
MW-56	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/7/2024		<10.0
MW-56	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/7/2024	J	0.403
MW-56	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/7/2024		<5.00
MW-56	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	10/7/2024		<5.00
MW-56	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/7/2024		<1.00
MW-56	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/7/2024		<1.00
MW-56	d	Trichloroethene	79-01-6	ug/L	10/7/2024		<1.00
MW-56	d	Trichlorofluoromethane	75-69-4	ug/L	10/7/2024		<4.00
MW-56	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/7/2024		<1.00
MW-56	d	Vinyl Acetate	108-05-4	ug/L	10/7/2024		<10.0
MW-56	d	Vinyl Chloride	75-01-4	ug/L	10/7/2024		<1.00
MW-56	d	Xylenes, total	1330-20-7	ug/L	10/7/2024		<3.00
MW-56	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	10/7/2024		<10.4
MW-56	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	10/7/2024		<10.4
MW-56	d	1,3-Dinitrobenzene	99-65-0	ug/L	10/7/2024		<10.4
MW-56	d	1,4-Naphthoquinone	130-15-4	ug/L	10/7/2024		<10.4
MW-56	d	1,4-Phenylenediamine	106-50-3	ug/L	10/7/2024		<10.4
MW-56	d	1-Naphthylamine	134-32-7	ug/L	10/7/2024		<10.4
MW-56	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	10/7/2024		<10.4
MW-56	d	2,4,5-Trichlorophenol	95-95-4	ug/L	10/7/2024		<10.4
MW-56	d	2,4,6-Trichlorophenol	88-06-2	ug/L	10/7/2024		<10.4
MW-56	d	2,4-Dichlorophenol	120-83-2	ug/L	10/7/2024		<10.4
MW-56	d	2,4-Dimethylphenol	105-67-9	ug/L	10/7/2024		<10.4
MW-56	d	2,4-Dinitrophenol	51-28-5	ug/L	10/7/2024		<20.8
MW-56	d	2,4-Dinitrotoluene	121-14-2	ug/L	10/7/2024		<10.4
MW-56	d	2,6-Dichlorophenol	87-65-0	ug/L	10/7/2024		<10.4
MW-56	d	2,6-Dinitrotoluene	606-20-2	ug/L	10/7/2024		<10.4
MW-56	d	2-Acetylaminofluorene	53-96-3	ug/L	10/7/2024		<10.4
MW-56	d	2-Chloronaphthalene	91-58-7	ug/L	10/7/2024		<10.4
MW-56	d	2-Chlorophenol	95-57-8	ug/L	10/7/2024		<10.4
MW-56	d	2-Methylnaphthalene	91-57-6	ug/L	10/7/2024		<10.4
MW-56	d	2-Methylphenol	95-48-7	ug/L	10/7/2024		<10.4
MW-56	d	2-Naphthylamine	91-59-8	ug/L	10/7/2024		<10.4
MW-56	d	2-Nitroaniline	88-74-4	ug/L	10/7/2024		<10.4
MW-56	d	2-Nitrophenol	88-75-5	ug/L	10/7/2024		<10.4
MW-56	d	3,3-Dichlorobenzidine	91-94-1	ug/L	10/7/2024		<10.4
MW-56	d	3,3-Dimethylbenzidine	119-93-7	ug/L	10/7/2024		<10.4
MW-56	d	3-Methylcholanthrene	56-49-5	ug/L	10/7/2024		<10.4
MW-56	d	3-Nitroaniline	99-09-2	ug/L	10/7/2024		<10.4
MW-56	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	10/7/2024		<10.4
MW-56	d	4-Aminobiphenyl	92-67-1	ug/L	10/7/2024		<10.4
MW-56	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	10/7/2024		<10.4
MW-56	d	4-Chloro-3-methylphenol	59-50-7	ug/L	10/7/2024		<10.4
MW-56	d	4-Chloroaniline	106-47-8	ug/L	10/7/2024		<10.4
MW-56	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	10/7/2024		<10.4
MW-56	d	3/4-Methylphenol	T-34MP	ug/L	10/7/2024		<10.4
MW-56	d	4-Nitroaniline	100-01-6	ug/L	10/7/2024		<10.4
MW-56	d	4-Nitrophenol	100-02-7	ug/L	10/7/2024		<10.4
MW-56	d	5-Nitro-o-toluidine	99-55-8	ug/L	10/7/2024		<10.4
MW-56	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	10/7/2024		<10.4
MW-56	d	Acenaphthene	83-32-9	ug/L	10/7/2024		<10.4
MW-56	d	Acenaphthylene	208-96-8	ug/L	10/7/2024		<10.4
MW-56	d	Acetophenone	98-86-2	ug/L	10/7/2024		<10.4

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	Anthracene	120-12-7	ug/L	10/7/2024		<10.4
MW-56	d	Benzo [a] anthracene	56-55-3	ug/L	10/7/2024		<10.4
MW-56	d	Benzo [a] pyrene	50-32-8	ug/L	10/7/2024		<10.4
MW-56	d	Benzo [b] fluoranthene	205-99-2	ug/L	10/7/2024		<10.4
MW-56	d	Benzo [g,h,i] perylene	191-24-2	ug/L	10/7/2024		<10.4
MW-56	d	Benzo [k] fluoranthene	207-08-9	ug/L	10/7/2024		<10.4
MW-56	d	Benzyl alcohol	100-51-6	ug/L	10/7/2024		<10.4
MW-56	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	10/7/2024		<10.4
MW-56	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	10/7/2024		<10.4
MW-56	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	10/7/2024		<10.4
MW-56	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/7/2024		<10.4
MW-56	d	Butyl benzyl phthalate	85-68-7	ug/L	10/7/2024		<10.4
MW-56	d	Chlorobenzilate	510-15-6	ug/L	10/7/2024		<10.4
MW-56	d	Chrysene	218-01-9	ug/L	10/7/2024		<10.4
MW-56	d	Diallate [cis or trans]	2303-16-4	ug/L	10/7/2024		<10.4
MW-56	d	Dibenz [a,h] anthracene	53-70-3	ug/L	10/7/2024		<10.4
MW-56	d	Dibenzofuran	132-64-9	ug/L	10/7/2024		<10.4
MW-56	d	Diethyl phthalate	84-66-2	ug/L	10/7/2024		<10.4
MW-56	d	Dimethoate	60-51-5	ug/L	10/7/2024		<10.4
MW-56	d	Dimethyl phthalate	131-11-3	ug/L	10/7/2024		<10.4
MW-56	d	Di-n-butyl phthalate	84-74-2	ug/L	10/7/2024		<10.4
MW-56	d	Di-n-octyl phthalate	117-84-0	ug/L	10/7/2024		<20.8
MW-56	d	Diphenylamine	122-39-4	ug/L	10/7/2024		<10.4
MW-56	d	Disulfoton	298-04-4	ug/L	10/7/2024		<10.4
MW-56	d	Ethyl Methanesulfonate	62-50-0	ug/L	10/7/2024		<10.4
MW-56	d	Parathion-Ethyl	56-38-2	ug/L	10/7/2024		<10.4
MW-56	d	Famphur	52-85-7	ug/L	10/7/2024		<10.4
MW-56	d	Fluoranthene	206-44-0	ug/L	10/7/2024		<10.4
MW-56	d	Fluorene	86-73-7	ug/L	10/7/2024		<10.4
MW-56	d	Hexachlorobenzene	118-74-1	ug/L	10/7/2024		<10.4
MW-56	d	Hexachlorobutadiene	87-68-3	ug/L	10/7/2024		<10.4
MW-56	d	Hexachlorocyclopentadiene	77-47-4	ug/L	10/7/2024		<10.4
MW-56	d	Hexachloroethane	67-72-1	ug/L	10/7/2024		<10.4
MW-56	d	Hexachloropropene	1888-71-7	ug/L	10/7/2024		<10.4
MW-56	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	10/7/2024		<10.4
MW-56	d	Isodrin	465-73-6	ug/L	10/7/2024		<10.4
MW-56	d	Isophorone	78-59-1	ug/L	10/7/2024		<10.4
MW-56	d	Isosafrole	120-58-1	ug/L	10/7/2024		<10.4
MW-56	d	Kepone	143-50-0	ug/L	10/7/2024		<10.4
MW-56	d	Methapyrilene	91-80-5	ug/L	10/7/2024		<10.4
MW-56	d	Methyl Methanesulfonate	66-27-3	ug/L	10/7/2024		<10.4
MW-56	d	Parathion-Methyl	298-00-0	ug/L	10/7/2024		<10.4
MW-56	d	Nitrobenzene	98-95-3	ug/L	10/7/2024		<10.4
MW-56	d	N-Nitrosodiethylamine	55-18-5	ug/L	10/7/2024		<10.4
MW-56	d	N-Nitrosodimethylamine	62-75-9	ug/L	10/7/2024		<10.4
MW-56	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	10/7/2024		<10.4
MW-56	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	10/7/2024		<10.4
MW-56	d	N-Nitrosodiphenylamine	86-30-6	ug/L	10/7/2024		<10.4
MW-56	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	10/7/2024		<10.4
MW-56	d	N-Nitrosopiperidine	100-75-4	ug/L	10/7/2024		<10.4
MW-56	d	N-Nitrosopyrrolidine	930-55-2	ug/L	10/7/2024		<10.4
MW-56	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	10/7/2024		<10.4
MW-56	d	O-Toluidine	95-53-4	ug/L	10/7/2024		<10.4
MW-56	d	Dimethylaminoazobenzene	60-11-7	ug/L	10/7/2024		<10.4
MW-56	d	Pentachlorobenzene	608-93-5	ug/L	10/7/2024		<10.4
MW-56	d	Pentachloronitrobenzene	82-68-8	ug/L	10/7/2024		<10.4
MW-56	d	Pentachlorophenol [2C]	87-86-5	ug/L	10/7/2024		<10.4
MW-56	d	Phenacetin	62-44-2	ug/L	10/7/2024		<10.4
MW-56	d	Phenanthrene	85-01-8	ug/L	10/7/2024		<10.4
MW-56	d	Phenol	108-95-2	ug/L	10/7/2024		<10.4
MW-56	d	Phorate	298-02-2	ug/L	10/7/2024		<10.4
MW-56	d	Pronamide	23950-58-5	ug/L	10/7/2024		<10.4
MW-56	d	Pyrene	129-00-0	ug/L	10/7/2024		<10.4
MW-56	d	Safrole	94-59-7	ug/L	10/7/2024		<10.4
MW-56	d	Thionazin	297-97-2	ug/L	10/7/2024		<10.4
MW-56	d	Cyanide	57-12-5	mg/L	10/7/2024		<0.0100
MW-56	d	Sulfide	18496-25-8	mg/L	10/7/2024		<1.00
MW-56	d	Total Suspended Solids	TSS	mg/L	10/7/2024		33
MW-58	d	Antimony	7440-36-0	mg/L	10/7/2024		<0.00200
MW-58	d	Arsenic	7440-38-2	mg/L	10/7/2024		0.0489
MW-58	d	Barium	7440-39-3	mg/L	10/7/2024		0.654
MW-58	d	Beryllium	7440-41-7	mg/L	10/7/2024		<0.00100
MW-58	d	Cadmium	7440-43-9	mg/L	10/7/2024		<0.000200
MW-58	d	Chromium	7440-47-3	mg/L	10/7/2024		<0.00500
MW-58	d	Cobalt	7440-48-4	mg/L	10/7/2024		0.000838
MW-58	d	Copper	7440-50-8	mg/L	10/7/2024		<0.00500
MW-58	d	Lead	7439-92-1	mg/L	10/7/2024		<0.000500
MW-58	d	Nickel	7440-02-0	mg/L	10/7/2024		0.0369
MW-58	d	Selenium	7782-49-2	mg/L	10/7/2024		<0.00500
MW-58	d	Silver	7440-22-4	mg/L	10/7/2024		<0.00100
MW-58	d	Thallium	7440-28-0	mg/L	10/7/2024		<0.00100
MW-58	d	Tin	7440-31-5	mg/L	10/7/2024		<0.00500
MW-58	d	Vanadium	7440-62-2	mg/L	10/7/2024		<0.00500
MW-58	d	Zinc	7440-66-6	mg/L	10/7/2024	J	0.0108
MW-58	d	Mercury	7439-97-6	mg/L	10/7/2024	J	0.000176
MW-58	d	Acetonitrile	75-05-8	mg/L	10/7/2024		<10.0
MW-58	d	Isobutanol	78-83-1	mg/L	10/7/2024		<10.0

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	Aldrin	309-00-2	ug/L	10/7/2024		<0.0916
MW-58	d	Alpha-BHC	319-84-6	ug/L	10/7/2024		<0.0916
MW-58	d	Beta-BHC	319-85-7	ug/L	10/7/2024		<0.0916
MW-58	d	Gamma-BHC [Lindane]	58-89-9	ug/L	10/7/2024		<0.0916
MW-58	d	Chlordane	57-74-9	ug/L	10/7/2024		<1.83
MW-58	d	Delta-BHC	319-86-8	ug/L	10/7/2024		<0.0916
MW-58	d	Dieldrin	60-57-1	ug/L	10/7/2024		<0.0916
MW-58	d	4,4`-DDD	72-54-8	ug/L	10/7/2024		<0.0916
MW-58	d	4,4`-DDE	72-55-9	ug/L	10/7/2024		<0.0916
MW-58	d	4,4`-DDT	50-29-3	ug/L	10/7/2024		<0.0916
MW-58	d	Endosulfan I	959-98-8	ug/L	10/7/2024		<0.0916
MW-58	d	Endosulfan II	33213-65-9	ug/L	10/7/2024		<0.0916
MW-58	d	Endosulfan sulfate	1031-07-8	ug/L	10/7/2024		<0.0916
MW-58	d	Endrin	72-20-8	ug/L	10/7/2024		<0.0916
MW-58	d	Endrin aldehyde	7421-93-4	ug/L	10/7/2024		<0.0916
MW-58	d	Heptachlor	76-44-8	ug/L	10/7/2024		<0.0916
MW-58	d	Heptachlor Epoxide	1024-57-3	ug/L	10/7/2024		<0.0916
MW-58	d	Methoxychlor	72-43-5	ug/L	10/7/2024		<0.0916
MW-58	d	Toxaphene	8001-35-2	ug/L	10/7/2024		<1.83
MW-58	d	PCB-1016	12674-11-2	ug/L	10/7/2024		<1.83
MW-58	d	PCB-1221	11104-28-2	ug/L	10/7/2024		<1.83
MW-58	d	PCB-1232	11141-16-5	ug/L	10/7/2024		<1.83
MW-58	d	PCB-1242	53469-21-9	ug/L	10/7/2024		<1.83
MW-58	d	PCB-1248	12672-29-6	ug/L	10/7/2024		<1.83
MW-58	d	PCB-1254	11097-69-1	ug/L	10/7/2024		<1.83
MW-58	d	PCB-1260	11096-82-5	ug/L	10/7/2024		<1.83
MW-58	d	PCB-1268	11100-14-4	ug/L	10/7/2024		<1.83
MW-58	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	10/7/2024		<0.940
MW-58	d	2,4,5-T	93-76-5	ug/L	10/7/2024	*1	<0.940
MW-58	d	2,4-D [2C]	94-75-7	ug/L	10/7/2024	*1	<1.22
MW-58	d	Acetone	67-64-1	ug/L	10/7/2024		<10.0
MW-58	d	Acrolein	107-02-8	ug/L	10/7/2024		<10.0
MW-58	d	Acrylonitrile	107-13-1	ug/L	10/7/2024		<5.00
MW-58	d	3-Chloropropene	107-05-1	ug/L	10/7/2024		<2.00
MW-58	d	Benzene	71-43-2	ug/L	10/7/2024		4.78
MW-58	d	Bromochloromethane	74-97-5	ug/L	10/7/2024		<5.00
MW-58	d	Bromodichloromethane	75-27-4	ug/L	10/7/2024		<1.00
MW-58	d	Bromoform	75-25-2	ug/L	10/7/2024		<5.00
MW-58	d	Bromomethane	74-83-9	ug/L	10/7/2024		<4.00
MW-58	d	2-Butanone	78-93-3	ug/L	10/7/2024		<10.0
MW-58	d	Carbon Disulfide	75-15-0	ug/L	10/7/2024		<1.00
MW-58	d	Carbon Tetrachloride	56-23-5	ug/L	10/7/2024		<2.00
MW-58	d	Chlorobenzene	108-90-7	ug/L	10/7/2024		8.34
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	10/7/2024		<5.00
MW-58	d	Chloroethane	75-00-3	ug/L	10/7/2024	J	1.66
MW-58	d	Chloroform	67-66-3	ug/L	10/7/2024		<3.00
MW-58	d	Chloromethane	74-87-3	ug/L	10/7/2024		<3.00
MW-58	d	Chloroprene	126-99-8	ug/L	10/7/2024		<1.00
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/7/2024		<1.00
MW-58	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/7/2024		<5.00
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/7/2024		<5.00
MW-58	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/7/2024		<1.00
MW-58	d	Methylene Bromide	74-95-3	ug/L	10/7/2024		<1.00
MW-58	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/7/2024		<1.00
MW-58	d	1,3-Dichlorobenzene	541-73-1	ug/L	10/7/2024		<1.00
MW-58	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/7/2024		<1.00
MW-58	d	Dichlorodifluoromethane	75-71-8	ug/L	10/7/2024		<3.00
MW-58	d	1,1-Dichloroethane	75-34-3	ug/L	10/7/2024		<1.00
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	10/7/2024		<1.00
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	10/7/2024		<2.00
MW-58	d	1,2-Dichloropropane	78-87-5	ug/L	10/7/2024		<1.00
MW-58	d	1,3-Dichloropropane	142-28-9	ug/L	10/7/2024		<1.00
MW-58	d	2,2-Dichloropropane	594-20-7	ug/L	10/7/2024		<4.00
MW-58	d	1,1-Dichloropropene	563-58-6	ug/L	10/7/2024		<1.00
MW-58	d	Ethylbenzene	100-41-4	ug/L	10/7/2024		<1.00
MW-58	d	Ethyl Methacrylate	97-63-2	ug/L	10/7/2024		<2.00
MW-58	d	2-Hexanone	591-78-6	ug/L	10/7/2024		<10.0
MW-58	d	Iodomethane	74-88-4	ug/L	10/7/2024		<10.0
MW-58	d	Methacrylonitrile	126-98-7	ug/L	10/7/2024		<10.0
MW-58	d	Methylene Chloride	75-09-2	ug/L	10/7/2024		<5.00
MW-58	d	Methyl Methacrylate	80-62-6	ug/L	10/7/2024		<2.00
MW-58	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/7/2024		<10.0
MW-58	d	Naphthalene	91-20-3	ug/L	10/7/2024		<5.00
MW-58	d	Propionitrile	107-12-0	ug/L	10/7/2024		<10.0
MW-58	d	Styrene	100-42-5	ug/L	10/7/2024		<1.00
MW-58	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/7/2024		<1.00
MW-58	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/7/2024		<1.00
MW-58	d	Tetrachloroethene	127-18-4	ug/L	10/7/2024		<1.00
MW-58	d	Toluene	108-88-3	ug/L	10/7/2024		<1.00
MW-58	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/7/2024		<10.0
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/7/2024		<1.00
MW-58	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/7/2024		<5.00
MW-58	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	10/7/2024		<5.00
MW-58	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/7/2024		<1.00
MW-58	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/7/2024		<1.00
MW-58	d	Trichloroethene	79-01-6	ug/L	10/7/2024		<1.00
MW-58	d	Trichlorofluoromethane	75-69-4	ug/L	10/7/2024		<4.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/7/2024		<1.00
MW-58	d	Vinyl Acetate	108-05-4	ug/L	10/7/2024		<10.0
MW-58	d	Vinyl Chloride	75-01-4	ug/L	10/7/2024		<1.00
MW-58	d	Xylenes, total	1330-20-7	ug/L	10/7/2024		<3.00
MW-58	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	10/7/2024		<10.4
MW-58	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	10/7/2024		<10.4
MW-58	d	1,3-Dinitrobenzene	99-65-0	ug/L	10/7/2024		<10.4
MW-58	d	1,4-Naphthoquinone	130-15-4	ug/L	10/7/2024		<10.4
MW-58	d	1,4-Phenylenediamine	106-50-3	ug/L	10/7/2024		<10.4
MW-58	d	1-Naphthylamine	134-32-7	ug/L	10/7/2024		<10.4
MW-58	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	10/7/2024		<10.4
MW-58	d	2,4,5-Trichlorophenol	95-95-4	ug/L	10/7/2024		<10.4
MW-58	d	2,4,6-Trichlorophenol	88-06-2	ug/L	10/7/2024		<10.4
MW-58	d	2,4-Dichlorophenol	120-83-2	ug/L	10/7/2024		<10.4
MW-58	d	2,4-Dimethylphenol	105-67-9	ug/L	10/7/2024		<10.4
MW-58	d	2,4-Dinitrophenol	51-28-5	ug/L	10/7/2024		<20.8
MW-58	d	2,4-Dinitrotoluene	121-14-2	ug/L	10/7/2024		<10.4
MW-58	d	2,6-Dichlorophenol	87-65-0	ug/L	10/7/2024		<10.4
MW-58	d	2,6-Dinitrotoluene	606-20-2	ug/L	10/7/2024		<10.4
MW-58	d	2-Acetylaminofluorene	53-96-3	ug/L	10/7/2024		<10.4
MW-58	d	2-Chloronaphthalene	91-58-7	ug/L	10/7/2024		<10.4
MW-58	d	2-Chlorophenol	95-57-8	ug/L	10/7/2024		<10.4
MW-58	d	2-Methylnaphthalene	91-57-6	ug/L	10/7/2024		<10.4
MW-58	d	2-Methylphenol	95-48-7	ug/L	10/7/2024		<10.4
MW-58	d	2-Naphthylamine	91-59-8	ug/L	10/7/2024		<10.4
MW-58	d	2-Nitroaniline	88-74-4	ug/L	10/7/2024		<10.4
MW-58	d	2-Nitrophenol	88-75-5	ug/L	10/7/2024		<10.4
MW-58	d	3,3-Dichlorobenzidine	91-94-1	ug/L	10/7/2024		<10.4
MW-58	d	3,3-Dimethylbenzidine	119-93-7	ug/L	10/7/2024		<10.4
MW-58	d	3-Methylcholanthrene	56-49-5	ug/L	10/7/2024		<10.4
MW-58	d	3-Nitroaniline	99-09-2	ug/L	10/7/2024		<10.4
MW-58	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	10/7/2024		<10.4
MW-58	d	4-Aminobiphenyl	92-67-1	ug/L	10/7/2024		<10.4
MW-58	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	10/7/2024		<10.4
MW-58	d	4-Chloro-3-methylphenol	59-50-7	ug/L	10/7/2024		<10.4
MW-58	d	4-Chloroaniline	106-47-8	ug/L	10/7/2024		<10.4
MW-58	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	10/7/2024		<10.4
MW-58	d	3/4-Methylphenol	T-34MP	ug/L	10/7/2024		<10.4
MW-58	d	4-Nitroaniline	100-01-6	ug/L	10/7/2024		<10.4
MW-58	d	4-Nitrophenol	100-02-7	ug/L	10/7/2024		<10.4
MW-58	d	5-Nitro-o-toluidine	99-55-8	ug/L	10/7/2024		<10.4
MW-58	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	10/7/2024		<10.4
MW-58	d	Acenaphthene	83-32-9	ug/L	10/7/2024		<10.4
MW-58	d	Acenaphthylene	208-96-8	ug/L	10/7/2024		<10.4
MW-58	d	Acetophenone	98-86-2	ug/L	10/7/2024		<10.4
MW-58	d	Anthracene	120-12-7	ug/L	10/7/2024		<10.4
MW-58	d	Benzo [a] anthracene	56-55-3	ug/L	10/7/2024		<10.4
MW-58	d	Benzo [a] pyrene	50-32-8	ug/L	10/7/2024		<10.4
MW-58	d	Benzo [b] fluoranthene	205-99-2	ug/L	10/7/2024		<10.4
MW-58	d	Benzo [g,h,i] perylene	191-24-2	ug/L	10/7/2024		<10.4
MW-58	d	Benzo [k] fluoranthene	207-08-9	ug/L	10/7/2024		<10.4
MW-58	d	Benzyl alcohol	100-51-6	ug/L	10/7/2024		<10.4
MW-58	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	10/7/2024		<10.4
MW-58	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	10/7/2024		<10.4
MW-58	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	10/7/2024		<10.4
MW-58	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/7/2024		<10.4
MW-58	d	Butyl benzyl phthalate	85-68-7	ug/L	10/7/2024		<10.4
MW-58	d	Chlorobenzilate	510-15-6	ug/L	10/7/2024		<10.4
MW-58	d	Chrysene	218-01-9	ug/L	10/7/2024		<10.4
MW-58	d	Diallate [cis or trans]	2303-16-4	ug/L	10/7/2024		<10.4
MW-58	d	Dibenz [a,h] anthracene	53-70-3	ug/L	10/7/2024		<10.4
MW-58	d	Dibenzofuran	132-64-9	ug/L	10/7/2024		<10.4
MW-58	d	Diethyl phthalate	84-66-2	ug/L	10/7/2024		<10.4
MW-58	d	Dimethoate	60-51-5	ug/L	10/7/2024		<10.4
MW-58	d	Dimethyl phthalate	131-11-3	ug/L	10/7/2024		<10.4
MW-58	d	Di-n-butyl phthalate	84-74-2	ug/L	10/7/2024		<10.4
MW-58	d	Di-n-octyl phthalate	117-84-0	ug/L	10/7/2024		<20.8
MW-58	d	Diphenylamine	122-39-4	ug/L	10/7/2024		<10.4
MW-58	d	Disulfoton	298-04-4	ug/L	10/7/2024		<10.4
MW-58	d	Ethyl Methanesulfonate	62-50-0	ug/L	10/7/2024		<10.4
MW-58	d	Parathion-Ethyl	56-38-2	ug/L	10/7/2024		<10.4
MW-58	d	Famphur	52-85-7	ug/L	10/7/2024		<10.4
MW-58	d	Fluoranthene	206-44-0	ug/L	10/7/2024		<10.4
MW-58	d	Fluorene	86-73-7	ug/L	10/7/2024		<10.4
MW-58	d	Hexachlorobenzene	118-74-1	ug/L	10/7/2024		<10.4
MW-58	d	Hexachlorobutadiene	87-68-3	ug/L	10/7/2024		<10.4
MW-58	d	Hexachlorocyclopentadiene	77-47-4	ug/L	10/7/2024		<10.4
MW-58	d	Hexachloroethane	67-72-1	ug/L	10/7/2024		<10.4
MW-58	d	Hexachloropropene	1888-71-7	ug/L	10/7/2024		<10.4
MW-58	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	10/7/2024		<10.4
MW-58	d	Isodrin	465-73-6	ug/L	10/7/2024		<10.4
MW-58	d	Isophorone	78-59-1	ug/L	10/7/2024		<10.4
MW-58	d	Isosafrole	120-58-1	ug/L	10/7/2024		<10.4
MW-58	d	Kepone	143-50-0	ug/L	10/7/2024		<10.4
MW-58	d	Methapyrilene	91-80-5	ug/L	10/7/2024		<10.4
MW-58	d	Methyl Methanesulfonate	66-27-3	ug/L	10/7/2024		<10.4
MW-58	d	Parathion-Methyl	298-00-0	ug/L	10/7/2024		<10.4

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	Nitrobenzene	98-95-3	ug/L	10/7/2024		<10.4
MW-58	d	N-Nitrosodiethylamine	55-18-5	ug/L	10/7/2024		<10.4
MW-58	d	N-Nitrosodimethylamine	62-75-9	ug/L	10/7/2024		<10.4
MW-58	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	10/7/2024		<10.4
MW-58	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	10/7/2024		<10.4
MW-58	d	N-Nitrosodiphenylamine	86-30-6	ug/L	10/7/2024		<10.4
MW-58	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	10/7/2024		<10.4
MW-58	d	N-Nitrosopiperidine	100-75-4	ug/L	10/7/2024		<10.4
MW-58	d	N-Nitrosopyrrolidine	930-55-2	ug/L	10/7/2024		<10.4
MW-58	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	10/7/2024		<10.4
MW-58	d	O-Toluidine	95-53-4	ug/L	10/7/2024		<10.4
MW-58	d	Dimethylaminoazobenzene	60-11-7	ug/L	10/7/2024		<10.4
MW-58	d	Pentachlorobenzene	608-93-5	ug/L	10/7/2024		<10.4
MW-58	d	Pentachloronitrobenzene	82-68-8	ug/L	10/7/2024		<10.4
MW-58	d	Pentachlorophenol [2C]	87-86-5	ug/L	10/7/2024		<10.4
MW-58	d	Phenacetin	62-44-2	ug/L	10/7/2024		<10.4
MW-58	d	Phenanthrene	85-01-8	ug/L	10/7/2024		<10.4
MW-58	d	Phenol	108-95-2	ug/L	10/7/2024		<10.4
MW-58	d	Phorate	298-02-2	ug/L	10/7/2024		<10.4
MW-58	d	Pronamide	23950-58-5	ug/L	10/7/2024		<10.4
MW-58	d	Pyrene	129-00-0	ug/L	10/7/2024		<10.4
MW-58	d	Safrole	94-59-7	ug/L	10/7/2024		<10.4
MW-58	d	Thionazin	297-97-2	ug/L	10/7/2024		<10.4
MW-58	d	Cyanide	57-12-5	mg/L	10/7/2024		<0.0100
MW-58	d	Sulfide	18496-25-8	mg/L	10/7/2024		<1.00
MW-58	d	Total Suspended Solids	TSS	mg/L	10/7/2024		54.5
MW-57R	d	Antimony	7440-36-0	mg/L	10/7/2024		<0.00200
MW-57R	d	Arsenic	7440-38-2	mg/L	10/7/2024		0.00724
MW-57R	d	Barium	7440-39-3	mg/L	10/7/2024		0.738
MW-57R	d	Beryllium	7440-41-7	mg/L	10/7/2024		<0.00100
MW-57R	d	Cadmium	7440-43-9	mg/L	10/7/2024		0.00152
MW-57R	d	Chromium	7440-47-3	mg/L	10/7/2024		<0.00500
MW-57R	d	Cobalt	7440-48-4	mg/L	10/7/2024		0.0338
MW-57R	d	Copper	7440-50-8	mg/L	10/7/2024	J	0.00334
MW-57R	d	Lead	7439-92-1	mg/L	10/7/2024	J	0.000354
MW-57R	d	Nickel	7440-02-0	mg/L	10/7/2024		0.0395
MW-57R	d	Selenium	7782-49-2	mg/L	10/7/2024		<0.00500
MW-57R	d	Silver	7440-22-4	mg/L	10/7/2024		<0.00100
MW-57R	d	Thallium	7440-28-0	mg/L	10/7/2024		<0.00400
MW-57R	d	Vanadium	7440-62-2	mg/L	10/7/2024	J	0.00226
MW-57R	d	Zinc	7440-66-6	mg/L	10/7/2024	J	0.0142
MW-57R	d	Tin	7440-31-5	mg/L	10/7/2024		<0.00500
MW-57R	d	Acetone	67-64-1	ug/L	10/7/2024		<10.0
MW-57R	d	Acrylonitrile	107-13-1	ug/L	10/7/2024		<5.00
MW-57R	d	Benzene	71-43-2	ug/L	10/7/2024		3.91
MW-57R	d	Bromochloromethane	74-97-5	ug/L	10/7/2024		<5.00
MW-57R	d	Bromodichloromethane	75-27-4	ug/L	10/7/2024		<1.00
MW-57R	d	Bromoform	75-25-2	ug/L	10/7/2024		<5.00
MW-57R	d	Bromomethane	74-83-9	ug/L	10/7/2024		<4.00
MW-57R	d	2-Butanone	78-93-3	ug/L	10/7/2024		<10.0
MW-57R	d	Carbon Disulfide	75-15-0	ug/L	10/7/2024	*+	<1.00
MW-57R	d	Carbon Tetrachloride	56-23-5	ug/L	10/7/2024		<2.00
MW-57R	d	Chlorobenzene	108-90-7	ug/L	10/7/2024	J	0.413
MW-57R	d	Chlorodibromomethane	124-48-1	ug/L	10/7/2024		<5.00
MW-57R	d	Chloroethane	75-00-3	ug/L	10/7/2024		<4.00
MW-57R	d	Chloroform	67-66-3	ug/L	10/7/2024		<3.00
MW-57R	d	Chloromethane	74-87-3	ug/L	10/7/2024		<3.00
MW-57R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/7/2024		4.73
MW-57R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/7/2024		<5.00
MW-57R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/7/2024		<5.00
MW-57R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/7/2024		<1.00
MW-57R	d	Methylene Bromide	74-95-3	ug/L	10/7/2024		<1.00
MW-57R	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/7/2024		<1.00
MW-57R	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/7/2024		<1.00
MW-57R	d	1,1-Dichloroethane	75-34-3	ug/L	10/7/2024	J	0.863
MW-57R	d	1,2-Dichloroethane	107-06-2	ug/L	10/7/2024		<1.00
MW-57R	d	1,1-Dichloroethene	75-35-4	ug/L	10/7/2024	*+	<2.00
MW-57R	d	1,2-Dichloropropane	78-87-5	ug/L	10/7/2024	J	0.418
MW-57R	d	Ethylbenzene	100-41-4	ug/L	10/7/2024		<1.00
MW-57R	d	2-Hexanone	591-78-6	ug/L	10/7/2024		<10.0
MW-57R	d	Iodomethane	74-88-4	ug/L	10/7/2024		<10.0
MW-57R	d	Methylene Chloride	75-09-2	ug/L	10/7/2024		<5.00
MW-57R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/7/2024		<10.0
MW-57R	d	Styrene	100-42-5	ug/L	10/7/2024		<1.00
MW-57R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/7/2024		<1.00
MW-57R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/7/2024		<1.00
MW-57R	d	Tetrachloroethene	127-18-4	ug/L	10/7/2024		<1.00
MW-57R	d	Toluene	108-88-3	ug/L	10/7/2024		<1.00
MW-57R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/7/2024		<10.0
MW-57R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/7/2024		1.85
MW-57R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/7/2024		<5.00
MW-57R	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/7/2024		<1.00
MW-57R	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/7/2024		<1.00
MW-57R	d	Trichloroethene	79-01-6	ug/L	10/7/2024		2.38
MW-57R	d	Trichlorofluoromethane	75-69-4	ug/L	10/7/2024		<4.00
MW-57R	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/7/2024		<1.00
MW-57R	d	Vinyl Acetate	108-05-4	ug/L	10/7/2024		<10.0

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57R	d	Vinyl Chloride	75-01-4	ug/L	10/7/2024		1.84
MW-57R	d	Xylenes, total	1330-20-7	ug/L	10/7/2024		<3.00
MW-57R	d	Total Organic Carbon	TOC	mg/L	10/7/2024		4.51
MW-57R	d	Total Suspended Solids	TSS	mg/L	10/7/2024		24.4
GU-3A	d	Antimony	7440-36-0	mg/L	10/10/2024		<0.00200
GU-3A	d	Arsenic	7440-38-2	mg/L	10/10/2024	J	0.000722
GU-3A	d	Barium	7440-39-3	mg/L	10/10/2024		0.0309
GU-3A	d	Beryllium	7440-41-7	mg/L	10/10/2024		<0.00100
GU-3A	d	Cadmium	7440-43-9	mg/L	10/10/2024		<0.000200
GU-3A	d	Chromium	7440-47-3	mg/L	10/10/2024		<0.00500
GU-3A	d	Cobalt	7440-48-4	mg/L	10/10/2024		0.00309
GU-3A	d	Copper	7440-50-8	mg/L	10/10/2024		0.0131
GU-3A	d	Lead	7439-92-1	mg/L	10/10/2024		<0.000500
GU-3A	d	Nickel	7440-02-0	mg/L	10/10/2024		0.0233
GU-3A	d	Selenium	7782-49-2	mg/L	10/10/2024		<0.00500
GU-3A	d	Silver	7440-22-4	mg/L	10/10/2024		<0.00100
GU-3A	d	Thallium	7440-28-0	mg/L	10/10/2024		<0.00100
GU-3A	d	Vanadium	7440-62-2	mg/L	10/10/2024		<0.00500
GU-3A	d	Zinc	7440-66-6	mg/L	10/10/2024		1.87
GU-3A	d	Acetone	67-64-1	ug/L	10/10/2024		<10.0
GU-3A	d	Acrylonitrile	107-13-1	ug/L	10/10/2024		<5.00
GU-3A	d	Benzene	71-43-2	ug/L	10/10/2024		<0.500
GU-3A	d	Bromochloromethane	74-97-5	ug/L	10/10/2024		<5.00
GU-3A	d	Bromodichloromethane	75-27-4	ug/L	10/10/2024		<1.00
GU-3A	d	Bromoform	75-25-2	ug/L	10/10/2024		<5.00
GU-3A	d	Bromomethane	74-83-9	ug/L	10/10/2024		<4.00
GU-3A	d	2-Butanone	78-93-3	ug/L	10/10/2024		<10.0
GU-3A	d	Carbon Disulfide	75-15-0	ug/L	10/10/2024		<1.00
GU-3A	d	Carbon Tetrachloride	56-23-5	ug/L	10/10/2024		<2.00
GU-3A	d	Chlorobenzene	108-90-7	ug/L	10/10/2024		<1.00
GU-3A	d	Chlorodibromomethane	124-48-1	ug/L	10/10/2024		<5.00
GU-3A	d	Chloroethane	75-00-3	ug/L	10/10/2024		<4.00
GU-3A	d	Chloroform	67-66-3	ug/L	10/10/2024		<3.00
GU-3A	d	Chloromethane	74-87-3	ug/L	10/10/2024		<3.00
GU-3A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/10/2024		<1.00
GU-3A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/10/2024		<5.00
GU-3A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/10/2024		<5.00
GU-3A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/10/2024		<1.00
GU-3A	d	Methylene Bromide	74-95-3	ug/L	10/10/2024		<1.00
GU-3A	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/10/2024		<1.00
GU-3A	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/10/2024		<1.00
GU-3A	d	1,1-Dichloroethane	75-34-3	ug/L	10/10/2024		<1.00
GU-3A	d	1,2-Dichloroethane	107-06-2	ug/L	10/10/2024		<1.00
GU-3A	d	1,1-Dichloroethene	75-35-4	ug/L	10/10/2024		<2.00
GU-3A	d	1,2-Dichloropropane	78-87-5	ug/L	10/10/2024		<1.00
GU-3A	d	Ethylbenzene	100-41-4	ug/L	10/10/2024		<1.00
GU-3A	d	2-Hexanone	591-78-6	ug/L	10/10/2024		<10.0
GU-3A	d	Iodomethane	74-88-4	ug/L	10/10/2024		<10.0
GU-3A	d	Methylene Chloride	75-09-2	ug/L	10/10/2024		<5.00
GU-3A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/10/2024		<10.0
GU-3A	d	Styrene	100-42-5	ug/L	10/10/2024		<1.00
GU-3A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/10/2024		<1.00
GU-3A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/10/2024		<1.00
GU-3A	d	Tetrachloroethene	127-18-4	ug/L	10/10/2024		<1.00
GU-3A	d	Toluene	108-88-3	ug/L	10/10/2024		<1.00
GU-3A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/10/2024		<10.0
GU-3A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/10/2024		<1.00
GU-3A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/10/2024		<5.00
GU-3A	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/10/2024		<1.00
GU-3A	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/10/2024		<1.00
GU-3A	d	Trichloroethene	79-01-6	ug/L	10/10/2024		<1.00
GU-3A	d	Trichlorofluoromethane	75-69-4	ug/L	10/10/2024		<4.00
GU-3A	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/10/2024		<1.00
GU-3A	d	Vinyl Acetate	108-05-4	ug/L	10/10/2024		<10.0
GU-3A	d	Vinyl Chloride	75-01-4	ug/L	10/10/2024		<1.00
GU-3A	d	Xylenes, total	1330-20-7	ug/L	10/10/2024		<3.00
GU-3A	d	Total Suspended Solids	TSS	mg/L	10/10/2024		11.3
MW-23	u	Antimony	7440-36-0	mg/L	10/9/2024		<0.00200
MW-23	u	Arsenic	7440-38-2	mg/L	10/9/2024	J	0.00121
MW-23	u	Barium	7440-39-3	mg/L	10/9/2024		0.14
MW-23	u	Beryllium	7440-41-7	mg/L	10/9/2024		<0.00100
MW-23	u	Cadmium	7440-43-9	mg/L	10/9/2024		<0.000200
MW-23	u	Chromium	7440-47-3	mg/L	10/9/2024		<0.00500
MW-23	u	Cobalt	7440-48-4	mg/L	10/9/2024		0.000727
MW-23	u	Copper	7440-50-8	mg/L	10/9/2024		<0.00500
MW-23	u	Lead	7439-92-1	mg/L	10/9/2024		<0.000500
MW-23	u	Nickel	7440-02-0	mg/L	10/9/2024	J	0.00259
MW-23	u	Selenium	7782-49-2	mg/L	10/9/2024		<0.00500
MW-23	u	Silver	7440-22-4	mg/L	10/9/2024		<0.00100
MW-23	u	Thallium	7440-28-0	mg/L	10/9/2024		<0.00100
MW-23	u	Vanadium	7440-62-2	mg/L	10/9/2024		<0.00500
MW-23	u	Zinc	7440-66-6	mg/L	10/9/2024		<0.0200
MW-23	u	Acetone	67-64-1	ug/L	10/9/2024		<10.0
MW-23	u	Acrylonitrile	107-13-1	ug/L	10/9/2024		<5.00
MW-23	u	Benzene	71-43-2	ug/L	10/9/2024		<0.500
MW-23	u	Bromochloromethane	74-97-5	ug/L	10/9/2024		<5.00
MW-23	u	Bromodichloromethane	75-27-4	ug/L	10/9/2024		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-23	u	Bromoform	75-25-2	ug/L	10/9/2024		<5.00
MW-23	u	Bromomethane	74-83-9	ug/L	10/9/2024		<4.00
MW-23	u	2-Butanone	78-93-3	ug/L	10/9/2024		<10.0
MW-23	u	Carbon Disulfide	75-15-0	ug/L	10/9/2024		<1.00
MW-23	u	Carbon Tetrachloride	56-23-5	ug/L	10/9/2024		<2.00
MW-23	u	Chlorobenzene	108-90-7	ug/L	10/9/2024		<1.00
MW-23	u	Chlorodibromomethane	124-48-1	ug/L	10/9/2024		<5.00
MW-23	u	Chloroethane	75-00-3	ug/L	10/9/2024		<4.00
MW-23	u	Chloroform	67-66-3	ug/L	10/9/2024		<3.00
MW-23	u	Chloromethane	74-87-3	ug/L	10/9/2024		<3.00
MW-23	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/9/2024		<1.00
MW-23	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/9/2024		<5.00
MW-23	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/9/2024		<5.00
MW-23	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/9/2024		<1.00
MW-23	u	Methylene Bromide	74-95-3	ug/L	10/9/2024		<1.00
MW-23	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/9/2024		<1.00
MW-23	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/9/2024		<1.00
MW-23	u	1,1-Dichloroethane	75-34-3	ug/L	10/9/2024		<1.00
MW-23	u	1,2-Dichloroethane	107-06-2	ug/L	10/9/2024		<1.00
MW-23	u	1,1-Dichloroethene	75-35-4	ug/L	10/9/2024		<2.00
MW-23	u	1,2-Dichloropropane	78-87-5	ug/L	10/9/2024		<1.00
MW-23	u	Ethylbenzene	100-41-4	ug/L	10/9/2024		<1.00
MW-23	u	2-Hexanone	591-78-6	ug/L	10/9/2024		<10.0
MW-23	u	Iodomethane	74-88-4	ug/L	10/9/2024		<10.0
MW-23	u	Methylene Chloride	75-09-2	ug/L	10/9/2024		<5.00
MW-23	u	4-Methyl-2-Pentanone	108-10-1	ug/L	10/9/2024		<10.0
MW-23	u	Styrene	100-42-5	ug/L	10/9/2024		<1.00
MW-23	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/9/2024		<1.00
MW-23	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/9/2024		<1.00
MW-23	u	Tetrachloroethene	127-18-4	ug/L	10/9/2024		<1.00
MW-23	u	Toluene	108-88-3	ug/L	10/9/2024		<1.00
MW-23	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/9/2024		<10.0
MW-23	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/9/2024		<1.00
MW-23	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/9/2024		<5.00
MW-23	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/9/2024		<1.00
MW-23	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/9/2024		<1.00
MW-23	u	Trichloroethene	79-01-6	ug/L	10/9/2024		<1.00
MW-23	u	Trichlorofluoromethane	75-69-4	ug/L	10/9/2024		<4.00
MW-23	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/9/2024		<1.00
MW-23	u	Vinyl Acetate	108-05-4	ug/L	10/9/2024		<10.0
MW-23	u	Vinyl Chloride	75-01-4	ug/L	10/9/2024		<1.00
MW-23	u	Xylenes, total	1330-20-7	ug/L	10/9/2024		<3.00
MW-23	u	Total Suspended Solids	TSS	mg/L	10/9/2024		4.75
MW-24R	u	Antimony	7440-36-0	mg/L	10/9/2024		<0.00200
MW-24R	u	Arsenic	7440-38-2	mg/L	10/9/2024		<0.00200
MW-24R	u	Barium	7440-39-3	mg/L	10/9/2024		0.376
MW-24R	u	Beryllium	7440-41-7	mg/L	10/9/2024		<0.00100
MW-24R	u	Cadmium	7440-43-9	mg/L	10/9/2024		<0.000200
MW-24R	u	Chromium	7440-47-3	mg/L	10/9/2024		<0.00500
MW-24R	u	Cobalt	7440-48-4	mg/L	10/9/2024		<0.000500
MW-24R	u	Copper	7440-50-8	mg/L	10/9/2024		<0.00500
MW-24R	u	Lead	7439-92-1	mg/L	10/9/2024		<0.000500
MW-24R	u	Nickel	7440-02-0	mg/L	10/9/2024		<0.00500
MW-24R	u	Selenium	7782-49-2	mg/L	10/9/2024	J	0.0018
MW-24R	u	Silver	7440-22-4	mg/L	10/9/2024		<0.00100
MW-24R	u	Thallium	7440-28-0	mg/L	10/9/2024		<0.00100
MW-24R	u	Vanadium	7440-62-2	mg/L	10/9/2024		<0.00500
MW-24R	u	Zinc	7440-66-6	mg/L	10/9/2024		<0.0200
MW-24R	u	Acetone	67-64-1	ug/L	10/9/2024		<10.0
MW-24R	u	Acrylonitrile	107-13-1	ug/L	10/9/2024		<5.00
MW-24R	u	Benzene	71-43-2	ug/L	10/9/2024		<0.500
MW-24R	u	Bromochloromethane	74-97-5	ug/L	10/9/2024		<5.00
MW-24R	u	Bromodichloromethane	75-27-4	ug/L	10/9/2024		<1.00
MW-24R	u	Bromoform	75-25-2	ug/L	10/9/2024		<5.00
MW-24R	u	Bromomethane	74-83-9	ug/L	10/9/2024		<4.00
MW-24R	u	2-Butanone	78-93-3	ug/L	10/9/2024		<10.0
MW-24R	u	Carbon Disulfide	75-15-0	ug/L	10/9/2024		<1.00
MW-24R	u	Carbon Tetrachloride	56-23-5	ug/L	10/9/2024		<2.00
MW-24R	u	Chlorobenzene	108-90-7	ug/L	10/9/2024		<1.00
MW-24R	u	Chlorodibromomethane	124-48-1	ug/L	10/9/2024		<5.00
MW-24R	u	Chloroethane	75-00-3	ug/L	10/9/2024		<4.00
MW-24R	u	Chloroform	67-66-3	ug/L	10/9/2024		<3.00
MW-24R	u	Chloromethane	74-87-3	ug/L	10/9/2024		<3.00
MW-24R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/9/2024		<1.00
MW-24R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/9/2024		<5.00
MW-24R	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/9/2024		<5.00
MW-24R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/9/2024		<1.00
MW-24R	u	Methylene Bromide	74-95-3	ug/L	10/9/2024		<1.00
MW-24R	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/9/2024		<1.00
MW-24R	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/9/2024		<1.00
MW-24R	u	1,1-Dichloroethane	75-34-3	ug/L	10/9/2024		<1.00
MW-24R	u	1,2-Dichloroethane	107-06-2	ug/L	10/9/2024		<1.00
MW-24R	u	1,1-Dichloroethene	75-35-4	ug/L	10/9/2024		<2.00
MW-24R	u	1,2-Dichloropropane	78-87-5	ug/L	10/9/2024		<1.00
MW-24R	u	Ethylbenzene	100-41-4	ug/L	10/9/2024		<1.00
MW-24R	u	2-Hexanone	591-78-6	ug/L	10/9/2024		<10.0
MW-24R	u	Iodomethane	74-88-4	ug/L	10/9/2024		<10.0

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-24R	u	Methylene Chloride	75-09-2	ug/L	10/9/2024		<5.00
MW-24R	u	4-Methyl-2-Pentanone	108-10-1	ug/L	10/9/2024		<10.0
MW-24R	u	Styrene	100-42-5	ug/L	10/9/2024		<1.00
MW-24R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/9/2024		<1.00
MW-24R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/9/2024		<1.00
MW-24R	u	Tetrachloroethene	127-18-4	ug/L	10/9/2024		<1.00
MW-24R	u	Toluene	108-88-3	ug/L	10/9/2024		<1.00
MW-24R	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/9/2024		<10.0
MW-24R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/9/2024		<1.00
MW-24R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/9/2024		<5.00
MW-24R	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/9/2024		<1.00
MW-24R	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/9/2024		<1.00
MW-24R	u	Trichloroethene	79-01-6	ug/L	10/9/2024		<1.00
MW-24R	u	Trichlorofluoromethane	75-69-4	ug/L	10/9/2024		<4.00
MW-24R	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/9/2024		<1.00
MW-24R	u	Vinyl Acetate	108-05-4	ug/L	10/9/2024		<10.0
MW-24R	u	Vinyl Chloride	75-01-4	ug/L	10/9/2024		<1.00
MW-24R	u	Xylenes, total	1330-20-7	ug/L	10/9/2024		<3.00
MW-24R	u	Total Organic Carbon	TOC	mg/L	10/9/2024	J	0.945
MW-24R	u	Total Suspended Solids	TSS	mg/L	10/9/2024		2
MW-55	d	Antimony	7440-36-0	mg/L	10/8/2024		<0.00200
MW-55	d	Arsenic	7440-38-2	mg/L	10/8/2024		<0.00200
MW-55	d	Barium	7440-39-3	mg/L	10/8/2024		0.0939
MW-55	d	Beryllium	7440-41-7	mg/L	10/8/2024		<0.00100
MW-55	d	Cadmium	7440-43-9	mg/L	10/8/2024		<0.000200
MW-55	d	Chromium	7440-47-3	mg/L	10/8/2024		<0.00500
MW-55	d	Cobalt	7440-48-4	mg/L	10/8/2024		<0.000500
MW-55	d	Copper	7440-50-8	mg/L	10/8/2024		<0.00500
MW-55	d	Lead	7439-92-1	mg/L	10/8/2024		<0.000500
MW-55	d	Nickel	7440-02-0	mg/L	10/8/2024		<0.00500
MW-55	d	Selenium	7782-49-2	mg/L	10/8/2024		<0.00500
MW-55	d	Silver	7440-22-4	mg/L	10/8/2024		<0.00100
MW-55	d	Thallium	7440-28-0	mg/L	10/8/2024		<0.00100
MW-55	d	Vanadium	7440-62-2	mg/L	10/8/2024		<0.00500
MW-55	d	Zinc	7440-66-6	mg/L	10/8/2024		<0.0200
MW-55	d	Tin	7440-31-5	mg/L	10/8/2024		<0.00500
MW-55	d	Acetone	67-64-1	ug/L	10/8/2024		<10.0
MW-55	d	Acrylonitrile	107-13-1	ug/L	10/8/2024		<5.00
MW-55	d	Benzene	71-43-2	ug/L	10/8/2024		<0.500
MW-55	d	Bromochloromethane	74-97-5	ug/L	10/8/2024		<5.00
MW-55	d	Bromodichloromethane	75-27-4	ug/L	10/8/2024		<1.00
MW-55	d	Bromoform	75-25-2	ug/L	10/8/2024		<5.00
MW-55	d	Bromomethane	74-83-9	ug/L	10/8/2024		<4.00
MW-55	d	2-Butanone	78-93-3	ug/L	10/8/2024		<10.0
MW-55	d	Carbon Disulfide	75-15-0	ug/L	10/8/2024		<1.00
MW-55	d	Carbon Tetrachloride	56-23-5	ug/L	10/8/2024		<2.00
MW-55	d	Chlorobenzene	108-90-7	ug/L	10/8/2024		<1.00
MW-55	d	Chlorodibromomethane	124-48-1	ug/L	10/8/2024		<5.00
MW-55	d	Chloroethane	75-00-3	ug/L	10/8/2024		<4.00
MW-55	d	Chloroform	67-66-3	ug/L	10/8/2024		<3.00
MW-55	d	Chloromethane	74-87-3	ug/L	10/8/2024		<3.00
MW-55	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/8/2024		<1.00
MW-55	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/8/2024		<5.00
MW-55	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/8/2024		<5.00
MW-55	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/8/2024		<1.00
MW-55	d	Methylene Bromide	74-95-3	ug/L	10/8/2024		<1.00
MW-55	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/8/2024		<1.00
MW-55	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/8/2024		<1.00
MW-55	d	1,1-Dichloroethane	75-34-3	ug/L	10/8/2024		<1.00
MW-55	d	1,2-Dichloroethane	107-06-2	ug/L	10/8/2024		<1.00
MW-55	d	1,1-Dichloroethene	75-35-4	ug/L	10/8/2024		<2.00
MW-55	d	1,2-Dichloropropane	78-87-5	ug/L	10/8/2024		<1.00
MW-55	d	Ethylbenzene	100-41-4	ug/L	10/8/2024		<1.00
MW-55	d	2-Hexanone	591-78-6	ug/L	10/8/2024		<10.0
MW-55	d	Iodomethane	74-88-4	ug/L	10/8/2024		<10.0
MW-55	d	Methylene Chloride	75-09-2	ug/L	10/8/2024		<5.00
MW-55	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/8/2024		<10.0
MW-55	d	Styrene	100-42-5	ug/L	10/8/2024		<1.00
MW-55	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/8/2024		<1.00
MW-55	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/8/2024		<1.00
MW-55	d	Tetrachloroethene	127-18-4	ug/L	10/8/2024		<1.00
MW-55	d	Toluene	108-88-3	ug/L	10/8/2024		<1.00
MW-55	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/8/2024		<10.0
MW-55	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/8/2024		<1.00
MW-55	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/8/2024		<5.00
MW-55	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/8/2024		<1.00
MW-55	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/8/2024		<1.00
MW-55	d	Trichloroethene	79-01-6	ug/L	10/8/2024		<1.00
MW-55	d	Trichlorofluoromethane	75-69-4	ug/L	10/8/2024		<4.00
MW-55	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/8/2024		<1.00
MW-55	d	Vinyl Acetate	108-05-4	ug/L	10/8/2024		<10.0
MW-55	d	Vinyl Chloride	75-01-4	ug/L	10/8/2024		<1.00
MW-55	d	Xylenes, total	1330-20-7	ug/L	10/8/2024		<3.00
MW-55	d	Total Suspended Solids	TSS	mg/L	10/8/2024		8.13
SW-101	d	Arsenic	7440-38-2	mg/L	10/10/2024		0.00236
SW-101	d	Iron, Dissolved	D7439-89-6	mg/L	10/10/2024		<0.100
SW-101	d	Cobalt	7440-48-4	mg/L	10/10/2024	J	0.000437

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
SW-101	d	Chloride	16887-00-6	mg/L	10/10/2024		65.5
SW-101	d	Sulfate	14808-79-8	mg/L	10/10/2024		22.2
SW-101	d	Ammonia as N	7664-41-7	mg/L	10/10/2024		<0.500
SW-101	d	Total Suspended Solids	TSS	mg/L	10/10/2024		17.6
SW-101	d	Chemical Oxygen Demand	COD	mg/L	10/10/2024		<25.0
SW-102	d	Arsenic	7440-38-2	mg/L	10/10/2024		0.00214
SW-102	d	Iron, Dissolved	D7439-89-6	mg/L	10/10/2024		<0.100
SW-102	d	Cobalt	7440-48-4	mg/L	10/10/2024	J	0.000313
SW-102	d	Chloride	16887-00-6	mg/L	10/10/2024		67.5
SW-102	d	Sulfate	14808-79-8	mg/L	10/10/2024		23.7
SW-102	d	Ammonia as N	7664-41-7	mg/L	10/10/2024		<0.500
SW-102	d	Total Suspended Solids	TSS	mg/L	10/10/2024		3.5
SW-102	d	Chemical Oxygen Demand	COD	mg/L	10/10/2024		31.3
MW-73	d	Antimony	7440-36-0	mg/L	10/7/2024		<0.00200
MW-73	d	Arsenic	7440-38-2	mg/L	10/7/2024		0.00699
MW-73	d	Barium	7440-39-3	mg/L	10/7/2024		0.304
MW-73	d	Beryllium	7440-41-7	mg/L	10/7/2024		<0.00100
MW-73	d	Cadmium	7440-43-9	mg/L	10/7/2024	J	0.000118
MW-73	d	Chromium	7440-47-3	mg/L	10/7/2024		<0.00500
MW-73	d	Cobalt	7440-48-4	mg/L	10/7/2024		0.00266
MW-73	d	Copper	7440-50-8	mg/L	10/7/2024	J	0.00194
MW-73	d	Lead	7439-92-1	mg/L	10/7/2024	J	0.000269
MW-73	d	Nickel	7440-02-0	mg/L	10/7/2024		0.013
MW-73	d	Selenium	7782-49-2	mg/L	10/7/2024		<0.00500
MW-73	d	Silver	7440-22-4	mg/L	10/7/2024		<0.00100
MW-73	d	Thallium	7440-28-0	mg/L	10/7/2024		<0.00100
MW-73	d	Vanadium	7440-62-2	mg/L	10/7/2024		<0.00500
MW-73	d	Zinc	7440-66-6	mg/L	10/7/2024		<0.0200
MW-73	d	Acetone	67-64-1	ug/L	10/7/2024		<10.0
MW-73	d	Acrylonitrile	107-13-1	ug/L	10/7/2024		<5.00
MW-73	d	Benzene	71-43-2	ug/L	10/7/2024		<0.500
MW-73	d	Bromochloromethane	74-97-5	ug/L	10/7/2024		<5.00
MW-73	d	Bromodichloromethane	75-27-4	ug/L	10/7/2024		<1.00
MW-73	d	Bromoform	75-25-2	ug/L	10/7/2024		<5.00
MW-73	d	Bromomethane	74-83-9	ug/L	10/7/2024		<4.00
MW-73	d	2-Butanone	78-93-3	ug/L	10/7/2024		<10.0
MW-73	d	Carbon Disulfide	75-15-0	ug/L	10/7/2024	*+	<1.00
MW-73	d	Carbon Tetrachloride	56-23-5	ug/L	10/7/2024		<2.00
MW-73	d	Chlorobenzene	108-90-7	ug/L	10/7/2024		<1.00
MW-73	d	Chlorodibromomethane	124-48-1	ug/L	10/7/2024		<5.00
MW-73	d	Chloroethane	75-00-3	ug/L	10/7/2024		<4.00
MW-73	d	Chloroform	67-66-3	ug/L	10/7/2024		<3.00
MW-73	d	Chloromethane	74-87-3	ug/L	10/7/2024		<3.00
MW-73	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/7/2024		<1.00
MW-73	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/7/2024		<5.00
MW-73	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/7/2024		<5.00
MW-73	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/7/2024		<1.00
MW-73	d	Methylene Bromide	74-95-3	ug/L	10/7/2024		<1.00
MW-73	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/7/2024		<1.00
MW-73	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/7/2024		<1.00
MW-73	d	1,1-Dichloroethane	75-34-3	ug/L	10/7/2024		<1.00
MW-73	d	1,2-Dichloroethane	107-06-2	ug/L	10/7/2024		<1.00
MW-73	d	1,1-Dichloroethene	75-35-4	ug/L	10/7/2024	*+	<2.00
MW-73	d	1,2-Dichloropropane	78-87-5	ug/L	10/7/2024		<1.00
MW-73	d	Ethylbenzene	100-41-4	ug/L	10/7/2024		<1.00
MW-73	d	2-Hexanone	591-78-6	ug/L	10/7/2024		<10.0
MW-73	d	Iodomethane	74-88-4	ug/L	10/7/2024		<10.0
MW-73	d	Methylene Chloride	75-09-2	ug/L	10/7/2024		<5.00
MW-73	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/7/2024		<10.0
MW-73	d	Styrene	100-42-5	ug/L	10/7/2024		<1.00
MW-73	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/7/2024		<1.00
MW-73	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/7/2024		<1.00
MW-73	d	Tetrachloroethene	127-18-4	ug/L	10/7/2024		<1.00
MW-73	d	Toluene	108-88-3	ug/L	10/7/2024		<1.00
MW-73	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/7/2024		<10.0
MW-73	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/7/2024		<1.00
MW-73	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/7/2024		<5.00
MW-73	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/7/2024		<1.00
MW-73	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/7/2024		<1.00
MW-73	d	Trichloroethene	79-01-6	ug/L	10/7/2024		<1.00
MW-73	d	Trichlorofluoromethane	75-69-4	ug/L	10/7/2024		<4.00
MW-73	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/7/2024		<1.00
MW-73	d	Vinyl Acetate	108-05-4	ug/L	10/7/2024		<10.0
MW-73	d	Vinyl Chloride	75-01-4	ug/L	10/7/2024		<1.00
MW-73	d	Xylenes, total	1330-20-7	ug/L	10/7/2024		<3.00
MW-73	d	Total Organic Carbon	TOC	mg/L	10/7/2024		4.95
MW-73	d	Total Suspended Solids	TSS	mg/L	10/7/2024		24.5
SW-103	d	Arsenic	7440-38-2	mg/L	10/10/2024	J	0.0014
SW-103	d	Iron, Dissolved	D7439-89-6	mg/L	10/10/2024		<0.100
SW-103	d	Cobalt	7440-48-4	mg/L	10/10/2024	J	0.000342
SW-103	d	Chloride	16887-00-6	mg/L	10/10/2024		39.3
SW-103	d	Sulfate	14808-79-8	mg/L	10/10/2024		41.3
SW-103	d	Ammonia as N	7664-41-7	mg/L	10/10/2024	J	0.212
SW-103	d	Total Suspended Solids	TSS	mg/L	10/10/2024		12.2
SW-103	d	Chemical Oxygen Demand	COD	mg/L	10/10/2024		36.4
SW-106	d	Arsenic	7440-38-2	mg/L	10/10/2024		0.0023
SW-106	d	Iron, Dissolved	D7439-89-6	mg/L	10/10/2024		<0.100

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
SW-106	d	Cobalt	7440-48-4	mg/L	10/10/2024		0.00112
SW-106	d	Chloride	16887-00-6	mg/L	10/10/2024		37.1
SW-106	d	Sulfate	14808-79-8	mg/L	10/10/2024		36.8
SW-106	d	Ammonia as N	7664-41-7	mg/L	10/10/2024		<0.500
SW-106	d	Total Suspended Solids	TSS	mg/L	10/10/2024		135
SW-106	d	Chemical Oxygen Demand	COD	mg/L	10/10/2024		31.3
SW-107	d	Arsenic	7440-38-2	mg/L	10/10/2024		0.00265
SW-107	d	Iron, Dissolved	D7439-89-6	mg/L	10/10/2024		<0.100
SW-107	d	Cobalt	7440-48-4	mg/L	10/10/2024	J	0.000493
SW-107	d	Chloride	16887-00-6	mg/L	10/10/2024		80
SW-107	d	Sulfate	14808-79-8	mg/L	10/10/2024		23.1
SW-107	d	Ammonia as N	7664-41-7	mg/L	10/10/2024	J	0.32
SW-107	d	Nitrate as N	14797-55-8	mg/L	10/10/2024	H	4.29
SW-107	d	Nitrate/Nitrite as N	1594-56-5xx	mg/L	10/10/2024	H	4.29
SW-107	d	Nitrite as N	14797-65-0	mg/L	10/10/2024	H	<0.200
SW-107	d	Total Suspended Solids	TSS	mg/L	10/10/2024		18.3
SW-107	d	Chemical Oxygen Demand	COD	mg/L	10/10/2024		<25.0
MW-60	d	Arsenic	7440-38-2	mg/L	10/7/2024		<0.00200
MW-60	d	Cobalt	7440-48-4	mg/L	10/7/2024		<0.000500
MW-60	d	Total Suspended Solids	TSS	mg/L	10/7/2024		3.87
MW-62	d	Arsenic	7440-38-2	mg/L	10/9/2024	J	0.00109
MW-62	d	Total Suspended Solids	TSS	mg/L	10/9/2024		7.38
MW-68	d	Acetone	67-64-1	ug/L	10/8/2024		<10.0
MW-68	d	Acrylonitrile	107-13-1	ug/L	10/8/2024		<5.00
MW-68	d	Benzene	71-43-2	ug/L	10/8/2024		4.75
MW-68	d	Bromochloromethane	74-97-5	ug/L	10/8/2024		<5.00
MW-68	d	Bromodichloromethane	75-27-4	ug/L	10/8/2024		<1.00
MW-68	d	Bromoform	75-25-2	ug/L	10/8/2024		<5.00
MW-68	d	Bromomethane	74-83-9	ug/L	10/8/2024		<4.00
MW-68	d	2-Butanone	78-93-3	ug/L	10/8/2024		<10.0
MW-68	d	Carbon Disulfide	75-15-0	ug/L	10/8/2024	*+	<1.00
MW-68	d	Carbon Tetrachloride	56-23-5	ug/L	10/8/2024		<2.00
MW-68	d	Chlorobenzene	108-90-7	ug/L	10/8/2024		<1.00
MW-68	d	Chlorodibromomethane	124-48-1	ug/L	10/8/2024		<5.00
MW-68	d	Chloroethane	75-00-3	ug/L	10/8/2024		<4.00
MW-68	d	Chloroform	67-66-3	ug/L	10/8/2024		<3.00
MW-68	d	Chloromethane	74-87-3	ug/L	10/8/2024		<3.00
MW-68	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/8/2024		3.03
MW-68	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/8/2024		<5.00
MW-68	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/8/2024		<5.00
MW-68	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/8/2024		<1.00
MW-68	d	Methylene Bromide	74-95-3	ug/L	10/8/2024		<1.00
MW-68	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/8/2024		<1.00
MW-68	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/8/2024		<1.00
MW-68	d	1,1-Dichloroethane	75-34-3	ug/L	10/8/2024	J	0.578
MW-68	d	1,2-Dichloroethane	107-06-2	ug/L	10/8/2024		<1.00
MW-68	d	1,1-Dichloroethene	75-35-4	ug/L	10/8/2024	*+	<2.00
MW-68	d	1,2-Dichloropropane	78-87-5	ug/L	10/8/2024		<1.00
MW-68	d	Ethylbenzene	100-41-4	ug/L	10/8/2024		<1.00
MW-68	d	2-Hexanone	591-78-6	ug/L	10/8/2024		<10.0
MW-68	d	Iodomethane	74-88-4	ug/L	10/8/2024		<10.0
MW-68	d	Methylene Chloride	75-09-2	ug/L	10/8/2024		<5.00
MW-68	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/8/2024		<10.0
MW-68	d	Styrene	100-42-5	ug/L	10/8/2024		<1.00
MW-68	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/8/2024		<1.00
MW-68	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/8/2024		<1.00
MW-68	d	Tetrachloroethene	127-18-4	ug/L	10/8/2024		<1.00
MW-68	d	Toluene	108-88-3	ug/L	10/8/2024		<1.00
MW-68	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/8/2024		<10.0
MW-68	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/8/2024		<1.00
MW-68	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/8/2024		<5.00
MW-68	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/8/2024		<1.00
MW-68	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/8/2024		<1.00
MW-68	d	Trichloroethene	79-01-6	ug/L	10/8/2024		<1.00
MW-68	d	Trichlorofluoromethane	75-69-4	ug/L	10/8/2024		<4.00
MW-68	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/8/2024		<1.00
MW-68	d	Vinyl Acetate	108-05-4	ug/L	10/8/2024		<10.0
MW-68	d	Vinyl Chloride	75-01-4	ug/L	10/8/2024		<1.00
MW-68	d	Xylenes, total	1330-20-7	ug/L	10/8/2024		<3.00
MW-68	d	Total Suspended Solids	TSS	mg/L	10/8/2024		8
MW-69	d	Acetone	67-64-1	ug/L	10/8/2024		<10.0
MW-69	d	Acrylonitrile	107-13-1	ug/L	10/8/2024		<5.00
MW-69	d	Benzene	71-43-2	ug/L	10/8/2024		0.695
MW-69	d	Bromochloromethane	74-97-5	ug/L	10/8/2024		<5.00
MW-69	d	Bromodichloromethane	75-27-4	ug/L	10/8/2024		<1.00
MW-69	d	Bromoform	75-25-2	ug/L	10/8/2024		<5.00
MW-69	d	Bromomethane	74-83-9	ug/L	10/8/2024		<4.00
MW-69	d	2-Butanone	78-93-3	ug/L	10/8/2024		<10.0
MW-69	d	Carbon Disulfide	75-15-0	ug/L	10/8/2024	*+	<1.00
MW-69	d	Carbon Tetrachloride	56-23-5	ug/L	10/8/2024		<2.00
MW-69	d	Chlorobenzene	108-90-7	ug/L	10/8/2024		<1.00
MW-69	d	Chlorodibromomethane	124-48-1	ug/L	10/8/2024		<5.00
MW-69	d	Chloroethane	75-00-3	ug/L	10/8/2024		<4.00
MW-69	d	Chloroform	67-66-3	ug/L	10/8/2024		<3.00
MW-69	d	Chloromethane	74-87-3	ug/L	10/8/2024		<3.00
MW-69	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/8/2024		2.24
MW-69	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/8/2024		<5.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-69	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/8/2024		<5.00
MW-69	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/8/2024		<1.00
MW-69	d	Methylene Bromide	74-95-3	ug/L	10/8/2024		<1.00
MW-69	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/8/2024		<1.00
MW-69	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/8/2024		<1.00
MW-69	d	1,1-Dichloroethane	75-34-3	ug/L	10/8/2024		1.25
MW-69	d	1,2-Dichloroethane	107-06-2	ug/L	10/8/2024		<1.00
MW-69	d	1,1-Dichloroethene	75-35-4	ug/L	10/8/2024	*+	<2.00
MW-69	d	1,2-Dichloropropane	78-87-5	ug/L	10/8/2024	J	0.381
MW-69	d	Ethylbenzene	100-41-4	ug/L	10/8/2024		<1.00
MW-69	d	2-Hexanone	591-78-6	ug/L	10/8/2024		<10.0
MW-69	d	Iodomethane	74-88-4	ug/L	10/8/2024		<10.0
MW-69	d	Methylene Chloride	75-09-2	ug/L	10/8/2024		<5.00
MW-69	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/8/2024		<10.0
MW-69	d	Styrene	100-42-5	ug/L	10/8/2024		<1.00
MW-69	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/8/2024		<1.00
MW-69	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/8/2024		<1.00
MW-69	d	Tetrachloroethene	127-18-4	ug/L	10/8/2024		<1.00
MW-69	d	Toluene	108-88-3	ug/L	10/8/2024		<1.00
MW-69	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/8/2024		<10.0
MW-69	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/8/2024		<1.00
MW-69	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/8/2024		<5.00
MW-69	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/8/2024		<1.00
MW-69	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/8/2024		<1.00
MW-69	d	Trichloroethene	79-01-6	ug/L	10/8/2024		<1.00
MW-69	d	Trichlorofluoromethane	75-69-4	ug/L	10/8/2024		<4.00
MW-69	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/8/2024		<1.00
MW-69	d	Vinyl Acetate	108-05-4	ug/L	10/8/2024		<10.0
MW-69	d	Vinyl Chloride	75-01-4	ug/L	10/8/2024		3.42
MW-69	d	Xylenes, total	1330-20-7	ug/L	10/8/2024		<3.00
MW-69	d	Total Suspended Solids	TSS	mg/L	10/8/2024		19.5
PZ-13	d	Arsenic	7440-38-2	mg/L	10/8/2024	J	0.000984
PZ-13	d	Cobalt	7440-48-4	mg/L	10/8/2024	J	0.000186
PZ-13	d	Acetone	67-64-1	ug/L	10/8/2024		<10.0
PZ-13	d	Acrylonitrile	107-13-1	ug/L	10/8/2024		<5.00
PZ-13	d	Benzene	71-43-2	ug/L	10/8/2024		<0.500
PZ-13	d	Bromochloromethane	74-97-5	ug/L	10/8/2024		<5.00
PZ-13	d	Bromodichloromethane	75-27-4	ug/L	10/8/2024		<1.00
PZ-13	d	Bromoform	75-25-2	ug/L	10/8/2024		<5.00
PZ-13	d	Bromomethane	74-83-9	ug/L	10/8/2024		<4.00
PZ-13	d	2-Butanone	78-93-3	ug/L	10/8/2024		<10.0
PZ-13	d	Carbon Disulfide	75-15-0	ug/L	10/8/2024	*+	<1.00
PZ-13	d	Carbon Tetrachloride	56-23-5	ug/L	10/8/2024		<2.00
PZ-13	d	Chlorobenzene	108-90-7	ug/L	10/8/2024		<1.00
PZ-13	d	Chlorodibromomethane	124-48-1	ug/L	10/8/2024		<5.00
PZ-13	d	Chloroethane	75-00-3	ug/L	10/8/2024		<4.00
PZ-13	d	Chloroform	67-66-3	ug/L	10/8/2024		<3.00
PZ-13	d	Chloromethane	74-87-3	ug/L	10/8/2024		<3.00
PZ-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/8/2024	J	0.291
PZ-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/8/2024		<5.00
PZ-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/8/2024		<5.00
PZ-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/8/2024		<1.00
PZ-13	d	Methylene Bromide	74-95-3	ug/L	10/8/2024		<1.00
PZ-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/8/2024		<1.00
PZ-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/8/2024		<1.00
PZ-13	d	1,1-Dichloroethane	75-34-3	ug/L	10/8/2024		<1.00
PZ-13	d	1,2-Dichloroethane	107-06-2	ug/L	10/8/2024		<1.00
PZ-13	d	1,1-Dichloroethene	75-35-4	ug/L	10/8/2024	*+	<2.00
PZ-13	d	1,2-Dichloropropane	78-87-5	ug/L	10/8/2024		<1.00
PZ-13	d	Ethylbenzene	100-41-4	ug/L	10/8/2024		<1.00
PZ-13	d	2-Hexanone	591-78-6	ug/L	10/8/2024		<10.0
PZ-13	d	Iodomethane	74-88-4	ug/L	10/8/2024		<10.0
PZ-13	d	Methylene Chloride	75-09-2	ug/L	10/8/2024		<5.00
PZ-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/8/2024		<10.0
PZ-13	d	Styrene	100-42-5	ug/L	10/8/2024		<1.00
PZ-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/8/2024		<1.00
PZ-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/8/2024		<1.00
PZ-13	d	Tetrachloroethene	127-18-4	ug/L	10/8/2024		<1.00
PZ-13	d	Toluene	108-88-3	ug/L	10/8/2024		<1.00
PZ-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/8/2024		<10.0
PZ-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/8/2024		<1.00
PZ-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/8/2024		<5.00
PZ-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/8/2024		<1.00
PZ-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/8/2024		<1.00
PZ-13	d	Trichloroethene	79-01-6	ug/L	10/8/2024		<1.00
PZ-13	d	Trichlorofluoromethane	75-69-4	ug/L	10/8/2024		<4.00
PZ-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/8/2024		<1.00
PZ-13	d	Vinyl Acetate	108-05-4	ug/L	10/8/2024		<10.0
PZ-13	d	Vinyl Chloride	75-01-4	ug/L	10/8/2024		<1.00
PZ-13	d	Xylenes, total	1330-20-7	ug/L	10/8/2024		<3.00
PZ-13	d	Total Suspended Solids	TSS	mg/L	10/8/2024		<1.88
MW-70	d	Acetone	67-64-1	ug/L	10/9/2024		<10.0
MW-70	d	Acrylonitrile	107-13-1	ug/L	10/9/2024		<5.00
MW-70	d	Benzene	71-43-2	ug/L	10/9/2024		<0.500
MW-70	d	Bromochloromethane	74-97-5	ug/L	10/9/2024		<5.00
MW-70	d	Bromodichloromethane	75-27-4	ug/L	10/9/2024		<1.00
MW-70	d	Bromoform	75-25-2	ug/L	10/9/2024		<5.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-70	d	Bromomethane	74-83-9	ug/L	10/9/2024		<4.00
MW-70	d	2-Butanone	78-93-3	ug/L	10/9/2024		<10.0
MW-70	d	Carbon Disulfide	75-15-0	ug/L	10/9/2024	*+	<1.00
MW-70	d	Carbon Tetrachloride	56-23-5	ug/L	10/9/2024		<2.00
MW-70	d	Chlorobenzene	108-90-7	ug/L	10/9/2024		<1.00
MW-70	d	Chlorodibromomethane	124-48-1	ug/L	10/9/2024		<5.00
MW-70	d	Chloroethane	75-00-3	ug/L	10/9/2024		<4.00
MW-70	d	Chloroform	67-66-3	ug/L	10/9/2024		<3.00
MW-70	d	Chloromethane	74-87-3	ug/L	10/9/2024		<3.00
MW-70	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/9/2024		<1.00
MW-70	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/9/2024		<5.00
MW-70	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/9/2024		<5.00
MW-70	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/9/2024		<1.00
MW-70	d	Methylene Bromide	74-95-3	ug/L	10/9/2024		<1.00
MW-70	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/9/2024		<1.00
MW-70	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/9/2024		<1.00
MW-70	d	1,1-Dichloroethane	75-34-3	ug/L	10/9/2024		<1.00
MW-70	d	1,2-Dichloroethane	107-06-2	ug/L	10/9/2024		<1.00
MW-70	d	1,1-Dichloroethene	75-35-4	ug/L	10/9/2024	*+	<2.00
MW-70	d	1,2-Dichloropropane	78-87-5	ug/L	10/9/2024		<1.00
MW-70	d	Ethylbenzene	100-41-4	ug/L	10/9/2024		<1.00
MW-70	d	2-Hexanone	591-78-6	ug/L	10/9/2024		<10.0
MW-70	d	Iodomethane	74-88-4	ug/L	10/9/2024		<10.0
MW-70	d	Methylene Chloride	75-09-2	ug/L	10/9/2024		<5.00
MW-70	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/9/2024		<10.0
MW-70	d	Styrene	100-42-5	ug/L	10/9/2024		<1.00
MW-70	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/9/2024		<1.00
MW-70	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/9/2024		<1.00
MW-70	d	Tetrachloroethene	127-18-4	ug/L	10/9/2024		<1.00
MW-70	d	Toluene	108-88-3	ug/L	10/9/2024		<1.00
MW-70	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/9/2024		<10.0
MW-70	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/9/2024		<1.00
MW-70	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/9/2024		<5.00
MW-70	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/9/2024		<1.00
MW-70	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/9/2024		<1.00
MW-70	d	Trichloroethene	79-01-6	ug/L	10/9/2024		<1.00
MW-70	d	Trichlorofluoromethane	75-69-4	ug/L	10/9/2024		<4.00
MW-70	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/9/2024		<1.00
MW-70	d	Vinyl Acetate	108-05-4	ug/L	10/9/2024		<10.0
MW-70	d	Vinyl Chloride	75-01-4	ug/L	10/9/2024		<1.00
MW-70	d	Xylenes, total	1330-20-7	ug/L	10/9/2024		<3.00
MW-70	d	Total Organic Carbon	TOC	mg/L	10/9/2024		1.95
MW-70	d	Total Suspended Solids	TSS	mg/L	10/9/2024	J	1.75
MW-32R	d	Antimony	7440-36-0	mg/L	10/9/2024		<0.00200
MW-32R	d	Arsenic	7440-38-2	mg/L	10/9/2024		<0.00200
MW-32R	d	Barium	7440-39-3	mg/L	10/9/2024		0.283
MW-32R	d	Beryllium	7440-41-7	mg/L	10/9/2024		<0.00100
MW-32R	d	Cadmium	7440-43-9	mg/L	10/9/2024		<0.000200
MW-32R	d	Chromium	7440-47-3	mg/L	10/9/2024		<0.00500
MW-32R	d	Cobalt	7440-48-4	mg/L	10/9/2024	J	0.000198
MW-32R	d	Copper	7440-50-8	mg/L	10/9/2024		<0.00500
MW-32R	d	Lead	7439-92-1	mg/L	10/9/2024	J	0.000273
MW-32R	d	Nickel	7440-02-0	mg/L	10/9/2024		<0.00500
MW-32R	d	Selenium	7782-49-2	mg/L	10/9/2024		<0.00500
MW-32R	d	Silver	7440-22-4	mg/L	10/9/2024		<0.00100
MW-32R	d	Thallium	7440-28-0	mg/L	10/9/2024		<0.00100
MW-32R	d	Tin	7440-31-5	mg/L	10/9/2024		<0.00500
MW-32R	d	Vanadium	7440-62-2	mg/L	10/9/2024		<0.00500
MW-32R	d	Zinc	7440-66-6	mg/L	10/9/2024		<0.0200
MW-32R	d	Mercury	7439-97-6	mg/L	10/9/2024		<0.000200
MW-32R	d	Acetonitrile	75-05-8	mg/L	10/9/2024		<10.0
MW-32R	d	Isobutanol	78-83-1	mg/L	10/9/2024		<10.0
MW-32R	d	Aldrin	309-00-2	ug/L	10/9/2024		<0.0928
MW-32R	d	Alpha-BHC	319-84-6	ug/L	10/9/2024		<0.0928
MW-32R	d	Beta-BHC	319-85-7	ug/L	10/9/2024		<0.0928
MW-32R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	10/9/2024		<0.0928
MW-32R	d	Chlordane	57-74-9	ug/L	10/9/2024		<1.86
MW-32R	d	Delta-BHC	319-86-8	ug/L	10/9/2024		<0.0928
MW-32R	d	Dieldrin	60-57-1	ug/L	10/9/2024		<0.0928
MW-32R	d	4,4`-DDD	72-54-8	ug/L	10/9/2024		<0.0928
MW-32R	d	4,4`-DDE	72-55-9	ug/L	10/9/2024		<0.0928
MW-32R	d	4,4`-DDT	50-29-3	ug/L	10/9/2024		<0.0928
MW-32R	d	Endosulfan I	959-98-8	ug/L	10/9/2024		<0.0928
MW-32R	d	Endosulfan II	33213-65-9	ug/L	10/9/2024		<0.0928
MW-32R	d	Endosulfan sulfate	1031-07-8	ug/L	10/9/2024		<0.0928
MW-32R	d	Endrin	72-20-8	ug/L	10/9/2024		<0.0928
MW-32R	d	Endrin aldehyde	7421-93-4	ug/L	10/9/2024		<0.0928
MW-32R	d	Heptachlor	76-44-8	ug/L	10/9/2024		<0.0928
MW-32R	d	Heptachlor Epoxide	1024-57-3	ug/L	10/9/2024		<0.0928
MW-32R	d	Methoxychlor	72-43-5	ug/L	10/9/2024		<0.0928
MW-32R	d	Toxaphene	8001-35-2	ug/L	10/9/2024		<1.86
MW-32R	d	PCB-1016	12674-11-2	ug/L	10/9/2024		<1.86
MW-32R	d	PCB-1221	11104-28-2	ug/L	10/9/2024		<1.86
MW-32R	d	PCB-1232	11141-16-5	ug/L	10/9/2024		<1.86
MW-32R	d	PCB-1242	53469-21-9	ug/L	10/9/2024		<1.86
MW-32R	d	PCB-1248	12672-29-6	ug/L	10/9/2024		<1.86
MW-32R	d	PCB-1254	11097-69-1	ug/L	10/9/2024		<1.86

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-32R	d	PCB-1260	11096-82-5	ug/L	10/9/2024		<1.86
MW-32R	d	PCB-1268	11100-14-4	ug/L	10/9/2024		<1.86
MW-32R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	10/9/2024		<0.872
MW-32R	d	2,4,5-T	93-76-5	ug/L	10/9/2024		<0.872
MW-32R	d	2,4-D [2C]	94-75-7	ug/L	10/9/2024		<1.13
MW-32R	d	Acetone	67-64-1	ug/L	10/9/2024		<10.0
MW-32R	d	Acrolein	107-02-8	ug/L	10/9/2024		<10.0
MW-32R	d	Acrylonitrile	107-13-1	ug/L	10/9/2024		<5.00
MW-32R	d	3-Chloropropene	107-05-1	ug/L	10/9/2024		<2.00
MW-32R	d	Benzene	71-43-2	ug/L	10/9/2024		<0.500
MW-32R	d	Bromochloromethane	74-97-5	ug/L	10/9/2024		<5.00
MW-32R	d	Bromodichloromethane	75-27-4	ug/L	10/9/2024		<1.00
MW-32R	d	Bromoform	75-25-2	ug/L	10/9/2024		<5.00
MW-32R	d	Bromomethane	74-83-9	ug/L	10/9/2024		<4.00
MW-32R	d	2-Butanone	78-93-3	ug/L	10/9/2024		<10.0
MW-32R	d	Carbon Disulfide	75-15-0	ug/L	10/9/2024		<1.00
MW-32R	d	Carbon Tetrachloride	56-23-5	ug/L	10/9/2024		<2.00
MW-32R	d	Chlorobenzene	108-90-7	ug/L	10/9/2024		<1.00
MW-32R	d	Chlorodibromomethane	124-48-1	ug/L	10/9/2024		<5.00
MW-32R	d	Chloroethane	75-00-3	ug/L	10/9/2024		<4.00
MW-32R	d	Chloroform	67-66-3	ug/L	10/9/2024		<3.00
MW-32R	d	Chloromethane	74-87-3	ug/L	10/9/2024		<3.00
MW-32R	d	Chloroprene	126-99-8	ug/L	10/9/2024		<1.00
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/9/2024		<1.00
MW-32R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/9/2024		<5.00
MW-32R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/9/2024		<5.00
MW-32R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/9/2024		<1.00
MW-32R	d	Methylene Bromide	74-95-3	ug/L	10/9/2024		<1.00
MW-32R	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/9/2024		<1.00
MW-32R	d	1,3-Dichlorobenzene	541-73-1	ug/L	10/9/2024		<1.00
MW-32R	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/9/2024		<1.00
MW-32R	d	Dichlorodifluoromethane	75-71-8	ug/L	10/9/2024		<3.00
MW-32R	d	1,1-Dichloroethane	75-34-3	ug/L	10/9/2024		<1.00
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	10/9/2024		<1.00
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	10/9/2024		<2.00
MW-32R	d	1,2-Dichloropropane	78-87-5	ug/L	10/9/2024		<1.00
MW-32R	d	1,3-Dichloropropane	142-28-9	ug/L	10/9/2024		<1.00
MW-32R	d	2,2-Dichloropropane	594-20-7	ug/L	10/9/2024		<4.00
MW-32R	d	1,1-Dichloropropene	563-58-6	ug/L	10/9/2024		<1.00
MW-32R	d	Ethylbenzene	100-41-4	ug/L	10/9/2024		<1.00
MW-32R	d	Ethyl Methacrylate	97-63-2	ug/L	10/9/2024		<2.00
MW-32R	d	2-Hexanone	591-78-6	ug/L	10/9/2024		<10.0
MW-32R	d	Iodomethane	74-88-4	ug/L	10/9/2024		<10.0
MW-32R	d	Methacrylonitrile	126-98-7	ug/L	10/9/2024		<10.0
MW-32R	d	Methylene Chloride	75-09-2	ug/L	10/9/2024		<5.00
MW-32R	d	Methyl Methacrylate	80-62-6	ug/L	10/9/2024		<2.00
MW-32R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/9/2024		<10.0
MW-32R	d	Naphthalene	91-20-3	ug/L	10/9/2024		<5.00
MW-32R	d	Propionitrile	107-12-0	ug/L	10/9/2024		<10.0
MW-32R	d	Styrene	100-42-5	ug/L	10/9/2024		<1.00
MW-32R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/9/2024		<1.00
MW-32R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/9/2024		<1.00
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	10/9/2024		<1.00
MW-32R	d	Toluene	108-88-3	ug/L	10/9/2024		<1.00
MW-32R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/9/2024		<10.0
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/9/2024		<1.00
MW-32R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/9/2024		<5.00
MW-32R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	10/9/2024		<5.00
MW-32R	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/9/2024		<1.00
MW-32R	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/9/2024		<1.00
MW-32R	d	Trichloroethene	79-01-6	ug/L	10/9/2024		<1.00
MW-32R	d	Trichlorofluoromethane	75-69-4	ug/L	10/9/2024		<4.00
MW-32R	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/9/2024		<1.00
MW-32R	d	Vinyl Acetate	108-05-4	ug/L	10/9/2024		<10.0
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	10/9/2024		<1.00
MW-32R	d	Xylenes, total	1330-20-7	ug/L	10/9/2024		<3.00
MW-32R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	10/9/2024		<10.0
MW-32R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	10/9/2024		<10.0
MW-32R	d	1,3-Dinitrobenzene	99-65-0	ug/L	10/9/2024		<10.0
MW-32R	d	1,4-Naphthoquinone	130-15-4	ug/L	10/9/2024		<10.0
MW-32R	d	1,4-Phenylenediamine	106-50-3	ug/L	10/9/2024		<10.0
MW-32R	d	1-Naphthylamine	134-32-7	ug/L	10/9/2024		<10.0
MW-32R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	10/9/2024		<10.0
MW-32R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	10/9/2024		<10.0
MW-32R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	10/9/2024		<10.0
MW-32R	d	2,4-Dichlorophenol	120-83-2	ug/L	10/9/2024		<10.0
MW-32R	d	2,4-Dimethylphenol	105-67-9	ug/L	10/9/2024		<10.0
MW-32R	d	2,4-Dinitrophenol	51-28-5	ug/L	10/9/2024		<20.0
MW-32R	d	2,4-Dinitrotoluene	121-14-2	ug/L	10/9/2024		<10.0
MW-32R	d	2,6-Dichlorophenol	87-65-0	ug/L	10/9/2024		<10.0
MW-32R	d	2,6-Dinitrotoluene	606-20-2	ug/L	10/9/2024		<10.0
MW-32R	d	2-Acetylaminofluorene	53-96-3	ug/L	10/9/2024		<10.0
MW-32R	d	2-Chloronaphthalene	91-58-7	ug/L	10/9/2024		<10.0
MW-32R	d	2-Chlorophenol	95-57-8	ug/L	10/9/2024		<10.0
MW-32R	d	2-Methylnaphthalene	91-57-6	ug/L	10/9/2024		<10.0
MW-32R	d	2-Methylphenol	95-48-7	ug/L	10/9/2024		<10.0
MW-32R	d	2-Naphthylamine	91-59-8	ug/L	10/9/2024		<10.0

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-32R	d	2-Nitroaniline	88-74-4	ug/L	10/9/2024		<10.0
MW-32R	d	2-Nitrophenol	88-75-5	ug/L	10/9/2024		<10.0
MW-32R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	10/9/2024		<10.0
MW-32R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	10/9/2024		<10.0
MW-32R	d	3-Methylcholanthrene	56-49-5	ug/L	10/9/2024		<10.0
MW-32R	d	3-Nitroaniline	99-09-2	ug/L	10/9/2024	*-	<10.0
MW-32R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	10/9/2024		<10.0
MW-32R	d	4-Aminobiphenyl	92-67-1	ug/L	10/9/2024		<10.0
MW-32R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	10/9/2024		<10.0
MW-32R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	10/9/2024		<10.0
MW-32R	d	4-Chloroaniline	106-47-8	ug/L	10/9/2024	*-	<10.0
MW-32R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	10/9/2024		<10.0
MW-32R	d	3/4-Methylphenol	T-34MP	ug/L	10/9/2024		<10.0
MW-32R	d	4-Nitroaniline	100-01-6	ug/L	10/9/2024	*- *1	<10.0
MW-32R	d	4-Nitrophenol	100-02-7	ug/L	10/9/2024		<10.0
MW-32R	d	5-Nitro-o-toluidine	99-55-8	ug/L	10/9/2024		<10.0
MW-32R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	10/9/2024		<10.0
MW-32R	d	Acenaphthene	83-32-9	ug/L	10/9/2024		<10.0
MW-32R	d	Acenaphthylene	208-96-8	ug/L	10/9/2024		<10.0
MW-32R	d	Acetophenone	98-86-2	ug/L	10/9/2024		<10.0
MW-32R	d	Anthracene	120-12-7	ug/L	10/9/2024		<10.0
MW-32R	d	Benzo [a] anthracene	56-55-3	ug/L	10/9/2024		<10.0
MW-32R	d	Benzo [a] pyrene	50-32-8	ug/L	10/9/2024		<10.0
MW-32R	d	Benzo [b] fluoranthene	205-99-2	ug/L	10/9/2024		<10.0
MW-32R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	10/9/2024		<10.0
MW-32R	d	Benzo [k] fluoranthene	207-08-9	ug/L	10/9/2024		<10.0
MW-32R	d	Benzyl alcohol	100-51-6	ug/L	10/9/2024		<10.0
MW-32R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	10/9/2024		<10.0
MW-32R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	10/9/2024		<10.0
MW-32R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	10/9/2024		<10.0
MW-32R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/9/2024		<10.0
MW-32R	d	Butyl benzyl phthalate	85-68-7	ug/L	10/9/2024		<10.0
MW-32R	d	Chlorobenzilate	510-15-6	ug/L	10/9/2024		<10.0
MW-32R	d	Chrysene	218-01-9	ug/L	10/9/2024		<10.0
MW-32R	d	Diallate [cis or trans]	2303-16-4	ug/L	10/9/2024		<10.0
MW-32R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	10/9/2024		<10.0
MW-32R	d	Dibenzofuran	132-64-9	ug/L	10/9/2024		<10.0
MW-32R	d	Diethyl phthalate	84-66-2	ug/L	10/9/2024		<10.0
MW-32R	d	Dimethoate	60-51-5	ug/L	10/9/2024		<10.0
MW-32R	d	Dimethyl phthalate	131-11-3	ug/L	10/9/2024		<10.0
MW-32R	d	Di-n-butyl phthalate	84-74-2	ug/L	10/9/2024		<10.0
MW-32R	d	Di-n-octyl phthalate	117-84-0	ug/L	10/9/2024		<20.0
MW-32R	d	Diphenylamine	122-39-4	ug/L	10/9/2024		<10.0
MW-32R	d	Disulfoton	298-04-4	ug/L	10/9/2024		<10.0
MW-32R	d	Ethyl Methanesulfonate	62-50-0	ug/L	10/9/2024		<10.0
MW-32R	d	Parathion-Ethyl	56-38-2	ug/L	10/9/2024		<10.0
MW-32R	d	Famphur	52-85-7	ug/L	10/9/2024		<10.0
MW-32R	d	Fluoranthene	206-44-0	ug/L	10/9/2024		<10.0
MW-32R	d	Fluorene	86-73-7	ug/L	10/9/2024		<10.0
MW-32R	d	Hexachlorobenzene	118-74-1	ug/L	10/9/2024		<10.0
MW-32R	d	Hexachlorobutadiene	87-68-3	ug/L	10/9/2024		<10.0
MW-32R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	10/9/2024		<10.0
MW-32R	d	Hexachloroethane	67-72-1	ug/L	10/9/2024		<10.0
MW-32R	d	Hexachloropropene	1888-71-7	ug/L	10/9/2024		<10.0
MW-32R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	10/9/2024		<10.0
MW-32R	d	Isodrin	465-73-6	ug/L	10/9/2024		<10.0
MW-32R	d	Isophorone	78-59-1	ug/L	10/9/2024		<10.0
MW-32R	d	Isosafrole	120-58-1	ug/L	10/9/2024		<10.0
MW-32R	d	Kepone	143-50-0	ug/L	10/9/2024		<10.0
MW-32R	d	Methapyrilene	91-80-5	ug/L	10/9/2024		<10.0
MW-32R	d	Methyl Methanesulfonate	66-27-3	ug/L	10/9/2024		<10.0
MW-32R	d	Parathion-Methyl	298-00-0	ug/L	10/9/2024		<10.0
MW-32R	d	Nitrobenzene	98-95-3	ug/L	10/9/2024		<10.0
MW-32R	d	N-Nitrosodiethylamine	55-18-5	ug/L	10/9/2024		<10.0
MW-32R	d	N-Nitrosodimethylamine	62-75-9	ug/L	10/9/2024		<10.0
MW-32R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	10/9/2024		<10.0
MW-32R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	10/9/2024		<10.0
MW-32R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	10/9/2024		<10.0
MW-32R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	10/9/2024		<10.0
MW-32R	d	N-Nitrosopiperidine	100-75-4	ug/L	10/9/2024		<10.0
MW-32R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	10/9/2024		<10.0
MW-32R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	10/9/2024		<10.0
MW-32R	d	O-Toluidine	95-53-4	ug/L	10/9/2024		<10.0
MW-32R	d	Dimethylaminoazobenzene	60-11-7	ug/L	10/9/2024		<10.0
MW-32R	d	Pentachlorobenzene	608-93-5	ug/L	10/9/2024		<10.0
MW-32R	d	Pentachloronitrobenzene	82-68-8	ug/L	10/9/2024		<10.0
MW-32R	d	Pentachlorophenol [2C]	87-86-5	ug/L	10/9/2024		<10.0
MW-32R	d	Phenacetin	62-44-2	ug/L	10/9/2024		<10.0
MW-32R	d	Phenanthrene	85-01-8	ug/L	10/9/2024		<10.0
MW-32R	d	Phenol	108-95-2	ug/L	10/9/2024		<10.0
MW-32R	d	Phorate	298-02-2	ug/L	10/9/2024		<10.0
MW-32R	d	Pronamide	23950-58-5	ug/L	10/9/2024		<10.0
MW-32R	d	Pyrene	129-00-0	ug/L	10/9/2024		<10.0
MW-32R	d	Safrole	94-59-7	ug/L	10/9/2024		<10.0
MW-32R	d	Thionazin	297-97-2	ug/L	10/9/2024		<10.0
MW-32R	d	Cyanide	57-12-5	mg/L	10/9/2024		<0.0100
MW-32R	d	Sulfide	18496-25-8	mg/L	10/9/2024		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-32R	d	Total Organic Carbon	TOC	mg/L	10/9/2024		3.21
MW-32R	d	Total Suspended Solids	TSS	mg/L	10/9/2024		30.3
MW-33R	d	Antimony	7440-36-0	mg/L	10/9/2024		<0.00200
MW-33R	d	Arsenic	7440-38-2	mg/L	10/9/2024		0.0102
MW-33R	d	Barium	7440-39-3	mg/L	10/9/2024		0.748
MW-33R	d	Beryllium	7440-41-7	mg/L	10/9/2024		<0.00100
MW-33R	d	Cadmium	7440-43-9	mg/L	10/9/2024		0.000266
MW-33R	d	Chromium	7440-47-3	mg/L	10/9/2024		<0.00500
MW-33R	d	Cobalt	7440-48-4	mg/L	10/9/2024		0.00958
MW-33R	d	Copper	7440-50-8	mg/L	10/9/2024	J	0.00181
MW-33R	d	Lead	7439-92-1	mg/L	10/9/2024	J	0.000357
MW-33R	d	Nickel	7440-02-0	mg/L	10/9/2024		0.0051
MW-33R	d	Selenium	7782-49-2	mg/L	10/9/2024		<0.00500
MW-33R	d	Silver	7440-22-4	mg/L	10/9/2024		<0.00100
MW-33R	d	Thallium	7440-28-0	mg/L	10/9/2024		<0.00100
MW-33R	d	Tin	7440-31-5	mg/L	10/9/2024		<0.00500
MW-33R	d	Vanadium	7440-62-2	mg/L	10/9/2024		<0.00500
MW-33R	d	Zinc	7440-66-6	mg/L	10/9/2024		<0.0200
MW-33R	d	Mercury	7439-97-6	mg/L	10/9/2024		<0.000200
MW-33R	d	Acetonitrile	75-05-8	mg/L	10/9/2024		<10.0
MW-33R	d	Isobutanol	78-83-1	mg/L	10/9/2024		<10.0
MW-33R	d	Aldrin	309-00-2	ug/L	10/9/2024		<0.0916
MW-33R	d	Alpha-BHC	319-84-6	ug/L	10/9/2024		<0.0916
MW-33R	d	Beta-BHC	319-85-7	ug/L	10/9/2024		<0.0916
MW-33R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	10/9/2024		<0.0916
MW-33R	d	Chlordane	57-74-9	ug/L	10/9/2024		<1.83
MW-33R	d	Delta-BHC	319-86-8	ug/L	10/9/2024		<0.0916
MW-33R	d	Dieldrin	60-57-1	ug/L	10/9/2024		<0.0916
MW-33R	d	4,4`-DDD	72-54-8	ug/L	10/9/2024		<0.0916
MW-33R	d	4,4`-DDE	72-55-9	ug/L	10/9/2024		<0.0916
MW-33R	d	4,4`-DDT	50-29-3	ug/L	10/9/2024		<0.0916
MW-33R	d	Endosulfan I	959-98-8	ug/L	10/9/2024		<0.0916
MW-33R	d	Endosulfan II	33213-65-9	ug/L	10/9/2024		<0.0916
MW-33R	d	Endosulfan sulfate	1031-07-8	ug/L	10/9/2024		<0.0916
MW-33R	d	Endrin	72-20-8	ug/L	10/9/2024		<0.0916
MW-33R	d	Endrin aldehyde	7421-93-4	ug/L	10/9/2024		<0.0916
MW-33R	d	Heptachlor	76-44-8	ug/L	10/9/2024		<0.0916
MW-33R	d	Heptachlor Epoxide	1024-57-3	ug/L	10/9/2024		<0.0916
MW-33R	d	Methoxychlor	72-43-5	ug/L	10/9/2024		<0.0916
MW-33R	d	Toxaphene	8001-35-2	ug/L	10/9/2024		<1.83
MW-33R	d	PCB-1016	12674-11-2	ug/L	10/9/2024		<1.83
MW-33R	d	PCB-1221	11104-28-2	ug/L	10/9/2024		<1.83
MW-33R	d	PCB-1232	11141-16-5	ug/L	10/9/2024		<1.83
MW-33R	d	PCB-1242	53469-21-9	ug/L	10/9/2024		<1.83
MW-33R	d	PCB-1248	12672-29-6	ug/L	10/9/2024		<1.83
MW-33R	d	PCB-1254	11097-69-1	ug/L	10/9/2024		<1.83
MW-33R	d	PCB-1260	11096-82-5	ug/L	10/9/2024		<1.83
MW-33R	d	PCB-1268	11100-14-4	ug/L	10/9/2024		<1.83
MW-33R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	10/9/2024		<0.837
MW-33R	d	2,4,5-T	93-76-5	ug/L	10/9/2024		<0.837
MW-33R	d	2,4-D [2C]	94-75-7	ug/L	10/9/2024		<1.08
MW-33R	d	Acetone	67-64-1	ug/L	10/9/2024		<10.0
MW-33R	d	Acrolein	107-02-8	ug/L	10/9/2024		<10.0
MW-33R	d	Acrylonitrile	107-13-1	ug/L	10/9/2024		<5.00
MW-33R	d	3-Chloropropene	107-05-1	ug/L	10/9/2024		<2.00
MW-33R	d	Benzene	71-43-2	ug/L	10/9/2024		<0.500
MW-33R	d	Bromochloromethane	74-97-5	ug/L	10/9/2024		<5.00
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	10/9/2024		<1.00
MW-33R	d	Bromoform	75-25-2	ug/L	10/9/2024		<5.00
MW-33R	d	Bromomethane	74-83-9	ug/L	10/9/2024		<4.00
MW-33R	d	2-Butanone	78-93-3	ug/L	10/9/2024		<10.0
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	10/9/2024		<1.00
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	10/9/2024		<2.00
MW-33R	d	Chlorobenzene	108-90-7	ug/L	10/9/2024		<1.00
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	10/9/2024		<5.00
MW-33R	d	Chloroethane	75-00-3	ug/L	10/9/2024		<4.00
MW-33R	d	Chloroform	67-66-3	ug/L	10/9/2024		<3.00
MW-33R	d	Chloromethane	74-87-3	ug/L	10/9/2024		<3.00
MW-33R	d	Chloroprene	126-99-8	ug/L	10/9/2024		<1.00
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/9/2024		<1.00
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/9/2024		<5.00
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/9/2024		<5.00
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/9/2024		<1.00
MW-33R	d	Methylene Bromide	74-95-3	ug/L	10/9/2024		<1.00
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/9/2024		<1.00
MW-33R	d	1,3-Dichlorobenzene	541-73-1	ug/L	10/9/2024		<1.00
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/9/2024		<1.00
MW-33R	d	Dichlorodifluoromethane	75-71-8	ug/L	10/9/2024		<3.00
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	10/9/2024		<1.00
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	10/9/2024		<1.00
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	10/9/2024		<2.00
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	10/9/2024		<1.00
MW-33R	d	1,3-Dichloropropane	142-28-9	ug/L	10/9/2024		<1.00
MW-33R	d	2,2-Dichloropropane	594-20-7	ug/L	10/9/2024		<4.00
MW-33R	d	1,1-Dichloropropene	563-58-6	ug/L	10/9/2024		<1.00
MW-33R	d	Ethylbenzene	100-41-4	ug/L	10/9/2024		<1.00
MW-33R	d	Ethyl Methacrylate	97-63-2	ug/L	10/9/2024		<2.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	2-Hexanone	591-78-6	ug/L	10/9/2024		<10.0
MW-33R	d	Iodomethane	74-88-4	ug/L	10/9/2024		<10.0
MW-33R	d	Methacrylonitrile	126-98-7	ug/L	10/9/2024		<10.0
MW-33R	d	Methylene Chloride	75-09-2	ug/L	10/9/2024		<5.00
MW-33R	d	Methyl Methacrylate	80-62-6	ug/L	10/9/2024		<2.00
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/9/2024		<10.0
MW-33R	d	Naphthalene	91-20-3	ug/L	10/9/2024		<5.00
MW-33R	d	Propionitrile	107-12-0	ug/L	10/9/2024		<10.0
MW-33R	d	Styrene	100-42-5	ug/L	10/9/2024		<1.00
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/9/2024		<1.00
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/9/2024		<1.00
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	10/9/2024		<1.00
MW-33R	d	Toluene	108-88-3	ug/L	10/9/2024		<1.00
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/9/2024		<10.0
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/9/2024		<1.00
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/9/2024		<5.00
MW-33R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	10/9/2024		<5.00
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/9/2024		<1.00
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/9/2024		<1.00
MW-33R	d	Trichloroethene	79-01-6	ug/L	10/9/2024		<1.00
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	10/9/2024		<4.00
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/9/2024		<1.00
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	10/9/2024		<10.0
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	10/9/2024		<1.00
MW-33R	d	Xylenes, total	1330-20-7	ug/L	10/9/2024		<3.00
MW-33R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	10/9/2024		<10.0
MW-33R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	10/9/2024		<10.0
MW-33R	d	1,3-Dinitrobenzene	99-65-0	ug/L	10/9/2024		<10.0
MW-33R	d	1,4-Naphthoquinone	130-15-4	ug/L	10/9/2024		<10.0
MW-33R	d	1,4-Phenylenediamine	106-50-3	ug/L	10/9/2024		<10.0
MW-33R	d	1-Naphthylamine	134-32-7	ug/L	10/9/2024		<10.0
MW-33R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	10/9/2024		<10.0
MW-33R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	10/9/2024		<10.0
MW-33R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	10/9/2024		<10.0
MW-33R	d	2,4-Dichlorophenol	120-83-2	ug/L	10/9/2024		<10.0
MW-33R	d	2,4-Dimethylphenol	105-67-9	ug/L	10/9/2024		<10.0
MW-33R	d	2,4-Dinitrophenol	51-28-5	ug/L	10/9/2024		<20.0
MW-33R	d	2,4-Dinitrotoluene	121-14-2	ug/L	10/9/2024		<10.0
MW-33R	d	2,6-Dichlorophenol	87-65-0	ug/L	10/9/2024		<10.0
MW-33R	d	2,6-Dinitrotoluene	606-20-2	ug/L	10/9/2024		<10.0
MW-33R	d	2-Acetylaminofluorene	53-96-3	ug/L	10/9/2024		<10.0
MW-33R	d	2-Chloronaphthalene	91-58-7	ug/L	10/9/2024		<10.0
MW-33R	d	2-Chlorophenol	95-57-8	ug/L	10/9/2024		<10.0
MW-33R	d	2-Methylnaphthalene	91-57-6	ug/L	10/9/2024		<10.0
MW-33R	d	2-Methylphenol	95-48-7	ug/L	10/9/2024		<10.0
MW-33R	d	2-Naphthylamine	91-59-8	ug/L	10/9/2024		<10.0
MW-33R	d	2-Nitroaniline	88-74-4	ug/L	10/9/2024		<10.0
MW-33R	d	2-Nitrophenol	88-75-5	ug/L	10/9/2024		<10.0
MW-33R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	10/9/2024		<10.0
MW-33R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	10/9/2024		<10.0
MW-33R	d	3-Methylcholanthrene	56-49-5	ug/L	10/9/2024		<10.0
MW-33R	d	3-Nitroaniline	99-09-2	ug/L	10/9/2024	*-	<10.0
MW-33R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	10/9/2024		<10.0
MW-33R	d	4-Aminobiphenyl	92-67-1	ug/L	10/9/2024		<10.0
MW-33R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	10/9/2024		<10.0
MW-33R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	10/9/2024		<10.0
MW-33R	d	4-Chloroaniline	106-47-8	ug/L	10/9/2024	*-	<10.0
MW-33R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	10/9/2024		<10.0
MW-33R	d	3/4-Methylphenol	T-34MP	ug/L	10/9/2024		<10.0
MW-33R	d	4-Nitroaniline	100-01-6	ug/L	10/9/2024	*- *1	<10.0
MW-33R	d	4-Nitrophenol	100-02-7	ug/L	10/9/2024		<10.0
MW-33R	d	5-Nitro-o-toluidine	99-55-8	ug/L	10/9/2024		<10.0
MW-33R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	10/9/2024		<10.0
MW-33R	d	Acenaphthene	83-32-9	ug/L	10/9/2024		<10.0
MW-33R	d	Acenaphthylene	208-96-8	ug/L	10/9/2024		<10.0
MW-33R	d	Acetophenone	98-86-2	ug/L	10/9/2024		<10.0
MW-33R	d	Anthracene	120-12-7	ug/L	10/9/2024		<10.0
MW-33R	d	Benzo [a] anthracene	56-55-3	ug/L	10/9/2024		<10.0
MW-33R	d	Benzo [a] pyrene	50-32-8	ug/L	10/9/2024		<10.0
MW-33R	d	Benzo [b] fluoranthene	205-99-2	ug/L	10/9/2024		<10.0
MW-33R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	10/9/2024		<10.0
MW-33R	d	Benzo [k] fluoranthene	207-08-9	ug/L	10/9/2024		<10.0
MW-33R	d	Benzyl alcohol	100-51-6	ug/L	10/9/2024		<10.0
MW-33R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	10/9/2024		<10.0
MW-33R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	10/9/2024		<10.0
MW-33R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	10/9/2024		<10.0
MW-33R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/9/2024		<10.0
MW-33R	d	Butyl benzyl phthalate	85-68-7	ug/L	10/9/2024		<10.0
MW-33R	d	Chlorobenzilate	510-15-6	ug/L	10/9/2024		<10.0
MW-33R	d	Chrysene	218-01-9	ug/L	10/9/2024		<10.0
MW-33R	d	Diallate [cis or trans]	2303-16-4	ug/L	10/9/2024		<10.0
MW-33R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	10/9/2024		<10.0
MW-33R	d	Dibenzofuran	132-64-9	ug/L	10/9/2024		<10.0
MW-33R	d	Diethyl phthalate	84-66-2	ug/L	10/9/2024		<10.0
MW-33R	d	Dimethoate	60-51-5	ug/L	10/9/2024		<10.0
MW-33R	d	Dimethyl phthalate	131-11-3	ug/L	10/9/2024		<10.0
MW-33R	d	Di-n-butyl phthalate	84-74-2	ug/L	10/9/2024		<10.0

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	Di-n-octyl phthalate	117-84-0	ug/L	10/9/2024		<20.0
MW-33R	d	Diphenylamine	122-39-4	ug/L	10/9/2024		<10.0
MW-33R	d	Disulfoton	298-04-4	ug/L	10/9/2024		<10.0
MW-33R	d	Ethyl Methanesulfonate	62-50-0	ug/L	10/9/2024		<10.0
MW-33R	d	Parathion-Ethyl	56-38-2	ug/L	10/9/2024		<10.0
MW-33R	d	Famphur	52-85-7	ug/L	10/9/2024		<10.0
MW-33R	d	Fluoranthene	206-44-0	ug/L	10/9/2024		<10.0
MW-33R	d	Fluorene	86-73-7	ug/L	10/9/2024		<10.0
MW-33R	d	Hexachlorobenzene	118-74-1	ug/L	10/9/2024		<10.0
MW-33R	d	Hexachlorobutadiene	87-68-3	ug/L	10/9/2024		<10.0
MW-33R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	10/9/2024		<10.0
MW-33R	d	Hexachloroethane	67-72-1	ug/L	10/9/2024		<10.0
MW-33R	d	Hexachloropropene	1888-71-7	ug/L	10/9/2024		<10.0
MW-33R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	10/9/2024		<10.0
MW-33R	d	Isodrin	465-73-6	ug/L	10/9/2024		<10.0
MW-33R	d	Isophorone	78-59-1	ug/L	10/9/2024		<10.0
MW-33R	d	Isosafrole	120-58-1	ug/L	10/9/2024		<10.0
MW-33R	d	Kepone	143-50-0	ug/L	10/9/2024		<10.0
MW-33R	d	Methapyrilene	91-80-5	ug/L	10/9/2024		<10.0
MW-33R	d	Methyl Methanesulfonate	66-27-3	ug/L	10/9/2024		<10.0
MW-33R	d	Parathion-Methyl	298-00-0	ug/L	10/9/2024		<10.0
MW-33R	d	Nitrobenzene	98-95-3	ug/L	10/9/2024		<10.0
MW-33R	d	N-Nitrosodiethylamine	55-18-5	ug/L	10/9/2024		<10.0
MW-33R	d	N-Nitrosodimethylamine	62-75-9	ug/L	10/9/2024		<10.0
MW-33R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	10/9/2024		<10.0
MW-33R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	10/9/2024		<10.0
MW-33R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	10/9/2024		<10.0
MW-33R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	10/9/2024		<10.0
MW-33R	d	N-Nitrosopiperidine	100-75-4	ug/L	10/9/2024		<10.0
MW-33R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	10/9/2024		<10.0
MW-33R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	10/9/2024		<10.0
MW-33R	d	O-Toluidine	95-53-4	ug/L	10/9/2024		<10.0
MW-33R	d	Dimethylaminoazobenzene	60-11-7	ug/L	10/9/2024		<10.0
MW-33R	d	Pentachlorobenzene	608-93-5	ug/L	10/9/2024		<10.0
MW-33R	d	Pentachloronitrobenzene	82-68-8	ug/L	10/9/2024		<10.0
MW-33R	d	Pentachlorophenol [2C]	87-86-5	ug/L	10/9/2024		<10.0
MW-33R	d	Phenacetin	62-44-2	ug/L	10/9/2024		<10.0
MW-33R	d	Phenanthrene	85-01-8	ug/L	10/9/2024		<10.0
MW-33R	d	Phenol	108-95-2	ug/L	10/9/2024		<10.0
MW-33R	d	Phorate	298-02-2	ug/L	10/9/2024		<10.0
MW-33R	d	Pronamide	23950-58-5	ug/L	10/9/2024		<10.0
MW-33R	d	Pyrene	129-00-0	ug/L	10/9/2024		<10.0
MW-33R	d	Safrole	94-59-7	ug/L	10/9/2024		<10.0
MW-33R	d	Thionazin	297-97-2	ug/L	10/9/2024		<10.0
MW-33R	d	Cyanide	57-12-5	mg/L	10/9/2024		<0.0100
MW-33R	d	Sulfide	18496-25-8	mg/L	10/9/2024		<1.00
MW-33R	d	Total Organic Carbon	TOC	mg/L	10/9/2024		2.39
MW-33R	d	Total Suspended Solids	TSS	mg/L	10/9/2024		43
MW-14R	d	Antimony	7440-36-0	mg/L	10/10/2024		<0.00200
MW-14R	d	Arsenic	7440-38-2	mg/L	10/10/2024		0.00457
MW-14R	d	Barium	7440-39-3	mg/L	10/10/2024		0.308
MW-14R	d	Beryllium	7440-41-7	mg/L	10/10/2024		<0.00100
MW-14R	d	Cadmium	7440-43-9	mg/L	10/10/2024		<0.000200
MW-14R	d	Chromium	7440-47-3	mg/L	10/10/2024		<0.00500
MW-14R	d	Cobalt	7440-48-4	mg/L	10/10/2024	J	0.000439
MW-14R	d	Copper	7440-50-8	mg/L	10/10/2024		<0.00500
MW-14R	d	Lead	7439-92-1	mg/L	10/10/2024		<0.000500
MW-14R	d	Nickel	7440-02-0	mg/L	10/10/2024		<0.00500
MW-14R	d	Selenium	7782-49-2	mg/L	10/10/2024		<0.00500
MW-14R	d	Silver	7440-22-4	mg/L	10/10/2024		<0.00100
MW-14R	d	Thallium	7440-28-0	mg/L	10/10/2024		<0.00100
MW-14R	d	Tin	7440-31-5	mg/L	10/10/2024		<0.00500
MW-14R	d	Vanadium	7440-62-2	mg/L	10/10/2024		<0.00500
MW-14R	d	Zinc	7440-66-6	mg/L	10/10/2024		<0.0200
MW-14R	d	Mercury	7439-97-6	mg/L	10/10/2024		<0.000200
MW-14R	d	Acetonitrile	75-05-8	mg/L	10/10/2024		<10.0
MW-14R	d	Isobutanol	78-83-1	mg/L	10/10/2024		<10.0
MW-14R	d	Aldrin	309-00-2	ug/L	10/10/2024		<0.0900
MW-14R	d	Alpha-BHC	319-84-6	ug/L	10/10/2024		<0.0900
MW-14R	d	Beta-BHC	319-85-7	ug/L	10/10/2024		<0.0900
MW-14R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	10/10/2024		<0.0900
MW-14R	d	Chlordane	57-74-9	ug/L	10/10/2024		<1.80
MW-14R	d	Delta-BHC	319-86-8	ug/L	10/10/2024		<0.0900
MW-14R	d	Dieldrin	60-57-1	ug/L	10/10/2024		<0.0900
MW-14R	d	4,4`-DDD	72-54-8	ug/L	10/10/2024		<0.0900
MW-14R	d	4,4`-DDE	72-55-9	ug/L	10/10/2024		<0.0900
MW-14R	d	4,4`-DDT	50-29-3	ug/L	10/10/2024		<0.0900
MW-14R	d	Endosulfan I	959-98-8	ug/L	10/10/2024		<0.0900
MW-14R	d	Endosulfan II	33213-65-9	ug/L	10/10/2024		<0.0900
MW-14R	d	Endosulfan sulfate	1031-07-8	ug/L	10/10/2024		<0.0900
MW-14R	d	Endrin	72-20-8	ug/L	10/10/2024		<0.0900
MW-14R	d	Endrin aldehyde	7421-93-4	ug/L	10/10/2024		<0.0900
MW-14R	d	Heptachlor	76-44-8	ug/L	10/10/2024		<0.0900
MW-14R	d	Heptachlor Epoxide	1024-57-3	ug/L	10/10/2024		<0.0900
MW-14R	d	Methoxychlor	72-43-5	ug/L	10/10/2024		<0.0900
MW-14R	d	Toxaphene	8001-35-2	ug/L	10/10/2024		<1.80
MW-14R	d	PCB-1016	12674-11-2	ug/L	10/10/2024		<1.80

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	PCB-1221	11104-28-2	ug/L	10/10/2024		<1.80
MW-14R	d	PCB-1232	11141-16-5	ug/L	10/10/2024		<1.80
MW-14R	d	PCB-1242	53469-21-9	ug/L	10/10/2024		<1.80
MW-14R	d	PCB-1248	12672-29-6	ug/L	10/10/2024		<1.80
MW-14R	d	PCB-1254	11097-69-1	ug/L	10/10/2024		<1.80
MW-14R	d	PCB-1260	11096-82-5	ug/L	10/10/2024		<1.80
MW-14R	d	PCB-1268	11100-14-4	ug/L	10/10/2024		<1.80
MW-14R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	10/10/2024		<0.862
MW-14R	d	2,4,5-T	93-76-5	ug/L	10/10/2024		<0.862
MW-14R	d	2,4-D [2C]	94-75-7	ug/L	10/10/2024		<1.12
MW-14R	d	Acetone	67-64-1	ug/L	10/10/2024		<10.0
MW-14R	d	Acrolein	107-02-8	ug/L	10/10/2024		<10.0
MW-14R	d	Acrylonitrile	107-13-1	ug/L	10/10/2024		<5.00
MW-14R	d	3-Chloropropene	107-05-1	ug/L	10/10/2024		<2.00
MW-14R	d	Benzene	71-43-2	ug/L	10/10/2024		<0.500
MW-14R	d	Bromochloromethane	74-97-5	ug/L	10/10/2024		<5.00
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	10/10/2024		<1.00
MW-14R	d	Bromoform	75-25-2	ug/L	10/10/2024		<5.00
MW-14R	d	Bromomethane	74-83-9	ug/L	10/10/2024		<4.00
MW-14R	d	2-Butanone	78-93-3	ug/L	10/10/2024		<10.0
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	10/10/2024		<1.00
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	10/10/2024		<2.00
MW-14R	d	Chlorobenzene	108-90-7	ug/L	10/10/2024		<1.00
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	10/10/2024		<5.00
MW-14R	d	Chloroethane	75-00-3	ug/L	10/10/2024		<4.00
MW-14R	d	Chloroform	67-66-3	ug/L	10/10/2024		<3.00
MW-14R	d	Chloromethane	74-87-3	ug/L	10/10/2024		<3.00
MW-14R	d	Chloroprene	126-99-8	ug/L	10/10/2024		<1.00
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/10/2024		15.5
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/10/2024		<5.00
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/10/2024		<5.00
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/10/2024		<1.00
MW-14R	d	Methylene Bromide	74-95-3	ug/L	10/10/2024		<1.00
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/10/2024		<1.00
MW-14R	d	1,3-Dichlorobenzene	541-73-1	ug/L	10/10/2024		<1.00
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/10/2024		<1.00
MW-14R	d	Dichlorodifluoromethane	75-71-8	ug/L	10/10/2024		<3.00
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	10/10/2024		3.81
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	10/10/2024		<1.00
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	10/10/2024		<2.00
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	10/10/2024		<1.00
MW-14R	d	1,3-Dichloropropane	142-28-9	ug/L	10/10/2024		<1.00
MW-14R	d	2,2-Dichloropropane	594-20-7	ug/L	10/10/2024		<4.00
MW-14R	d	1,1-Dichloropropene	563-58-6	ug/L	10/10/2024		<1.00
MW-14R	d	Ethylbenzene	100-41-4	ug/L	10/10/2024		<1.00
MW-14R	d	Ethyl Methacrylate	97-63-2	ug/L	10/10/2024		<2.00
MW-14R	d	2-Hexanone	591-78-6	ug/L	10/10/2024		<10.0
MW-14R	d	Iodomethane	74-88-4	ug/L	10/10/2024		<10.0
MW-14R	d	Methacrylonitrile	126-98-7	ug/L	10/10/2024		<10.0
MW-14R	d	Methylene Chloride	75-09-2	ug/L	10/10/2024		<5.00
MW-14R	d	Methyl Methacrylate	80-62-6	ug/L	10/10/2024		<2.00
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/10/2024		<10.0
MW-14R	d	Naphthalene	91-20-3	ug/L	10/10/2024		<5.00
MW-14R	d	Propionitrile	107-12-0	ug/L	10/10/2024		<10.0
MW-14R	d	Styrene	100-42-5	ug/L	10/10/2024		<1.00
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/10/2024		<1.00
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/10/2024		<1.00
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	10/10/2024		<1.00
MW-14R	d	Toluene	108-88-3	ug/L	10/10/2024		<1.00
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/10/2024		<10.0
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/10/2024	F2	<1.00
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/10/2024		<5.00
MW-14R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	10/10/2024		<5.00
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/10/2024		<1.00
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/10/2024		<1.00
MW-14R	d	Trichloroethene	79-01-6	ug/L	10/10/2024	J	0.662
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	10/10/2024		<4.00
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/10/2024		<1.00
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	10/10/2024		<10.0
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	10/10/2024		<1.00
MW-14R	d	Xylenes, total	1330-20-7	ug/L	10/10/2024		<3.00
MW-14R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	10/10/2024		<10.0
MW-14R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	10/10/2024		<10.0
MW-14R	d	1,3-Dinitrobenzene	99-65-0	ug/L	10/10/2024		<10.0
MW-14R	d	1,4-Naphthoquinone	130-15-4	ug/L	10/10/2024		<10.0
MW-14R	d	1,4-Phenylenediamine	106-50-3	ug/L	10/10/2024		<10.0
MW-14R	d	1-Naphthylamine	134-32-7	ug/L	10/10/2024		<10.0
MW-14R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	10/10/2024		<10.0
MW-14R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	10/10/2024		<10.0
MW-14R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	10/10/2024		<10.0
MW-14R	d	2,4-Dichlorophenol	120-83-2	ug/L	10/10/2024		<10.0
MW-14R	d	2,4-Dimethylphenol	105-67-9	ug/L	10/10/2024		<10.0
MW-14R	d	2,4-Dinitrophenol	51-28-5	ug/L	10/10/2024		<20.0
MW-14R	d	2,4-Dinitrotoluene	121-14-2	ug/L	10/10/2024		<10.0
MW-14R	d	2,6-Dichlorophenol	87-65-0	ug/L	10/10/2024		<10.0
MW-14R	d	2,6-Dinitrotoluene	606-20-2	ug/L	10/10/2024		<10.0
MW-14R	d	2-Acetylaminofluorene	53-96-3	ug/L	10/10/2024		<10.0

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	2-Chloronaphthalene	91-58-7	ug/L	10/10/2024		<10.0
MW-14R	d	2-Chlorophenol	95-57-8	ug/L	10/10/2024		<10.0
MW-14R	d	2-Methylnaphthalene	91-57-6	ug/L	10/10/2024		<10.0
MW-14R	d	2-Methylphenol	95-48-7	ug/L	10/10/2024		<10.0
MW-14R	d	2-Naphthylamine	91-59-8	ug/L	10/10/2024		<10.0
MW-14R	d	2-Nitroaniline	88-74-4	ug/L	10/10/2024		<10.0
MW-14R	d	2-Nitrophenol	88-75-5	ug/L	10/10/2024		<10.0
MW-14R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	10/10/2024		<10.0
MW-14R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	10/10/2024		<10.0
MW-14R	d	3-Methylcholanthrene	56-49-5	ug/L	10/10/2024		<10.0
MW-14R	d	3-Nitroaniline	99-09-2	ug/L	10/10/2024		<10.0
MW-14R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	10/10/2024		<10.0
MW-14R	d	4-Aminobiphenyl	92-67-1	ug/L	10/10/2024		<10.0
MW-14R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	10/10/2024		<10.0
MW-14R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	10/10/2024		<10.0
MW-14R	d	4-Chloroaniline	106-47-8	ug/L	10/10/2024		<10.0
MW-14R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	10/10/2024		<10.0
MW-14R	d	3/4-Methylphenol	T-34MP	ug/L	10/10/2024		<10.0
MW-14R	d	4-Nitroaniline	100-01-6	ug/L	10/10/2024		<10.0
MW-14R	d	4-Nitrophenol	100-02-7	ug/L	10/10/2024		<10.0
MW-14R	d	5-Nitro-o-toluidine	99-55-8	ug/L	10/10/2024		<10.0
MW-14R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	10/10/2024		<10.0
MW-14R	d	Acenaphthene	83-32-9	ug/L	10/10/2024		<10.0
MW-14R	d	Acenaphthylene	208-96-8	ug/L	10/10/2024		<10.0
MW-14R	d	Acetophenone	98-86-2	ug/L	10/10/2024		<10.0
MW-14R	d	Anthracene	120-12-7	ug/L	10/10/2024		<10.0
MW-14R	d	Benzo [a] anthracene	56-55-3	ug/L	10/10/2024		<10.0
MW-14R	d	Benzo [a] pyrene	50-32-8	ug/L	10/10/2024		<10.0
MW-14R	d	Benzo [b] fluoranthene	205-99-2	ug/L	10/10/2024		<10.0
MW-14R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	10/10/2024		<10.0
MW-14R	d	Benzo [k] fluoranthene	207-08-9	ug/L	10/10/2024		<10.0
MW-14R	d	Benzyl alcohol	100-51-6	ug/L	10/10/2024		<10.0
MW-14R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	10/10/2024		<10.0
MW-14R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	10/10/2024		<10.0
MW-14R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	10/10/2024		<10.0
MW-14R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/10/2024		<10.0
MW-14R	d	Butyl benzyl phthalate	85-68-7	ug/L	10/10/2024		<10.0
MW-14R	d	Chlorobenzilate	510-15-6	ug/L	10/10/2024		<10.0
MW-14R	d	Chrysene	218-01-9	ug/L	10/10/2024		<10.0
MW-14R	d	Diallate [cis or trans]	2303-16-4	ug/L	10/10/2024		<10.0
MW-14R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	10/10/2024		<10.0
MW-14R	d	Dibenzofuran	132-64-9	ug/L	10/10/2024		<10.0
MW-14R	d	Diethyl phthalate	84-66-2	ug/L	10/10/2024		<10.0
MW-14R	d	Dimethoate	60-51-5	ug/L	10/10/2024		<10.0
MW-14R	d	Dimethyl phthalate	131-11-3	ug/L	10/10/2024		<10.0
MW-14R	d	Di-n-butyl phthalate	84-74-2	ug/L	10/10/2024		<10.0
MW-14R	d	Di-n-octyl phthalate	117-84-0	ug/L	10/10/2024		<20.0
MW-14R	d	Diphenylamine	122-39-4	ug/L	10/10/2024		<10.0
MW-14R	d	Disulfoton	298-04-4	ug/L	10/10/2024		<10.0
MW-14R	d	Ethyl Methanesulfonate	62-50-0	ug/L	10/10/2024		<10.0
MW-14R	d	Parathion-Ethyl	56-38-2	ug/L	10/10/2024		<10.0
MW-14R	d	Famphur	52-85-7	ug/L	10/10/2024		<10.0
MW-14R	d	Fluoranthene	206-44-0	ug/L	10/10/2024		<10.0
MW-14R	d	Fluorene	86-73-7	ug/L	10/10/2024		<10.0
MW-14R	d	Hexachlorobenzene	118-74-1	ug/L	10/10/2024		<10.0
MW-14R	d	Hexachlorobutadiene	87-68-3	ug/L	10/10/2024		<10.0
MW-14R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	10/10/2024		<10.0
MW-14R	d	Hexachloroethane	67-72-1	ug/L	10/10/2024		<10.0
MW-14R	d	Hexachloropropene	1888-71-7	ug/L	10/10/2024		<10.0
MW-14R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	10/10/2024		<10.0
MW-14R	d	Isodrin	465-73-6	ug/L	10/10/2024		<10.0
MW-14R	d	Isophorone	78-59-1	ug/L	10/10/2024		<10.0
MW-14R	d	Isosafrole	120-58-1	ug/L	10/10/2024		<10.0
MW-14R	d	Kepone	143-50-0	ug/L	10/10/2024		<10.0
MW-14R	d	Methapyrilene	91-80-5	ug/L	10/10/2024		<10.0
MW-14R	d	Methyl Methanesulfonate	66-27-3	ug/L	10/10/2024		<10.0
MW-14R	d	Parathion-Methyl	298-00-0	ug/L	10/10/2024		<10.0
MW-14R	d	Nitrobenzene	98-95-3	ug/L	10/10/2024		<10.0
MW-14R	d	N-Nitrosodiethylamine	55-18-5	ug/L	10/10/2024		<10.0
MW-14R	d	N-Nitrosodimethylamine	62-75-9	ug/L	10/10/2024		<10.0
MW-14R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	10/10/2024		<10.0
MW-14R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	10/10/2024		<10.0
MW-14R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	10/10/2024		<10.0
MW-14R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	10/10/2024		<10.0
MW-14R	d	N-Nitrosopiperidine	100-75-4	ug/L	10/10/2024		<10.0
MW-14R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	10/10/2024		<10.0
MW-14R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	10/10/2024		<10.0
MW-14R	d	O-Toluidine	95-53-4	ug/L	10/10/2024		<10.0
MW-14R	d	Dimethylaminoazobenzene	60-11-7	ug/L	10/10/2024		<10.0
MW-14R	d	Pentachlorobenzene	608-93-5	ug/L	10/10/2024		<10.0
MW-14R	d	Pentachloronitrobenzene	82-68-8	ug/L	10/10/2024		<10.0
MW-14R	d	Pentachlorophenol [2C]	87-86-5	ug/L	10/10/2024		<10.0
MW-14R	d	Phenacetin	62-44-2	ug/L	10/10/2024		<10.0
MW-14R	d	Phenanthrene	85-01-8	ug/L	10/10/2024		<10.0
MW-14R	d	Phenol	108-95-2	ug/L	10/10/2024		<10.0
MW-14R	d	Phorate	298-02-2	ug/L	10/10/2024		<10.0
MW-14R	d	Pronamide	23950-58-5	ug/L	10/10/2024		<10.0

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	Pyrene	129-00-0	ug/L	10/10/2024		<10.0
MW-14R	d	Safrole	94-59-7	ug/L	10/10/2024		<10.0
MW-14R	d	Thionazin	297-97-2	ug/L	10/10/2024		<10.0
MW-14R	d	Cyanide	57-12-5	mg/L	10/10/2024		<0.0100
MW-14R	d	Sulfide	18496-25-8	mg/L	10/10/2024		1.07
MW-14R	d	Total Organic Carbon	TOC	mg/L	10/10/2024		1.73
MW-14R	d	Total Suspended Solids	TSS	mg/L	10/10/2024		2.13
MW-29	d	Antimony	7440-36-0	mg/L	10/8/2024		<0.00200
MW-29	d	Arsenic	7440-38-2	mg/L	10/8/2024		0.0185
MW-29	d	Barium	7440-39-3	mg/L	10/8/2024		1.25
MW-29	d	Beryllium	7440-41-7	mg/L	10/8/2024		<0.00100
MW-29	d	Cadmium	7440-43-9	mg/L	10/8/2024		<0.000200
MW-29	d	Chromium	7440-47-3	mg/L	10/8/2024		<0.00500
MW-29	d	Cobalt	7440-48-4	mg/L	10/8/2024		0.074
MW-29	d	Copper	7440-50-8	mg/L	10/8/2024		<0.00500
MW-29	d	Lead	7439-92-1	mg/L	10/8/2024		<0.000500
MW-29	d	Nickel	7440-02-0	mg/L	10/8/2024		0.0753
MW-29	d	Selenium	7782-49-2	mg/L	10/8/2024		<0.00500
MW-29	d	Silver	7440-22-4	mg/L	10/8/2024		<0.00100
MW-29	d	Thallium	7440-28-0	mg/L	10/8/2024		<0.00100
MW-29	d	Tin	7440-31-5	mg/L	10/8/2024		<0.00500
MW-29	d	Vanadium	7440-62-2	mg/L	10/8/2024		<0.00500
MW-29	d	Zinc	7440-66-6	mg/L	10/8/2024		<0.0200
MW-29	d	Mercury	7439-97-6	mg/L	10/8/2024		<0.000200
MW-29	d	Acetonitrile	75-05-8	mg/L	10/8/2024		<10.0
MW-29	d	Isobutanol	78-83-1	mg/L	10/8/2024		<10.0
MW-29	d	Aldrin	309-00-2	ug/L	10/8/2024		<0.0936
MW-29	d	Alpha-BHC	319-84-6	ug/L	10/8/2024		<0.0936
MW-29	d	Beta-BHC	319-85-7	ug/L	10/8/2024		<0.0936
MW-29	d	Gamma-BHC [Lindane]	58-89-9	ug/L	10/8/2024		<0.0936
MW-29	d	Chlordane	57-74-9	ug/L	10/8/2024		<1.87
MW-29	d	Delta-BHC	319-86-8	ug/L	10/8/2024		<0.0936
MW-29	d	Dieldrin	60-57-1	ug/L	10/8/2024		<0.0936
MW-29	d	4,4`-DDD	72-54-8	ug/L	10/8/2024		<0.0936
MW-29	d	4,4`-DDE	72-55-9	ug/L	10/8/2024		<0.0936
MW-29	d	4,4`-DDT	50-29-3	ug/L	10/8/2024		<0.0936
MW-29	d	Endosulfan I	959-98-8	ug/L	10/8/2024		<0.0936
MW-29	d	Endosulfan II	33213-65-9	ug/L	10/8/2024		<0.0936
MW-29	d	Endosulfan sulfate	1031-07-8	ug/L	10/8/2024		<0.0936
MW-29	d	Endrin	72-20-8	ug/L	10/8/2024		<0.0936
MW-29	d	Endrin aldehyde	7421-93-4	ug/L	10/8/2024		<0.0936
MW-29	d	Heptachlor	76-44-8	ug/L	10/8/2024		<0.0936
MW-29	d	Heptachlor Epoxide	1024-57-3	ug/L	10/8/2024		<0.0936
MW-29	d	Methoxychlor	72-43-5	ug/L	10/8/2024		<0.0936
MW-29	d	Toxaphene	8001-35-2	ug/L	10/8/2024		<1.87
MW-29	d	PCB-1016	12674-11-2	ug/L	10/8/2024		<1.87
MW-29	d	PCB-1221	11104-28-2	ug/L	10/8/2024		<1.87
MW-29	d	PCB-1232	11141-16-5	ug/L	10/8/2024		<1.87
MW-29	d	PCB-1242	53469-21-9	ug/L	10/8/2024		<1.87
MW-29	d	PCB-1248	12672-29-6	ug/L	10/8/2024		<1.87
MW-29	d	PCB-1254	11097-69-1	ug/L	10/8/2024		<1.87
MW-29	d	PCB-1260	11096-82-5	ug/L	10/8/2024		<1.87
MW-29	d	PCB-1268	11100-14-4	ug/L	10/8/2024		<1.87
MW-29	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	10/8/2024	H	<0.976
MW-29	d	2,4,5-T	93-76-5	ug/L	10/8/2024	H	<0.976
MW-29	d	2,4-D [2C]	94-75-7	ug/L	10/8/2024	H	<1.26
MW-29	d	Acetone	67-64-1	ug/L	10/8/2024		<10.0
MW-29	d	Acrolein	107-02-8	ug/L	10/8/2024		<10.0
MW-29	d	Acrylonitrile	107-13-1	ug/L	10/8/2024		<5.00
MW-29	d	3-Chloropropene	107-05-1	ug/L	10/8/2024		<2.00
MW-29	d	Benzene	71-43-2	ug/L	10/8/2024		3.4
MW-29	d	Bromochloromethane	74-97-5	ug/L	10/8/2024		<5.00
MW-29	d	Bromodichloromethane	75-27-4	ug/L	10/8/2024		<1.00
MW-29	d	Bromoform	75-25-2	ug/L	10/8/2024		<5.00
MW-29	d	Bromomethane	74-83-9	ug/L	10/8/2024		<4.00
MW-29	d	2-Butanone	78-93-3	ug/L	10/8/2024		<10.0
MW-29	d	Carbon Disulfide	75-15-0	ug/L	10/8/2024		<1.00
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	10/8/2024		<2.00
MW-29	d	Chlorobenzene	108-90-7	ug/L	10/8/2024		16.6
MW-29	d	Chlorodibromomethane	124-48-1	ug/L	10/8/2024		<5.00
MW-29	d	Chloroethane	75-00-3	ug/L	10/8/2024		<4.00
MW-29	d	Chloroform	67-66-3	ug/L	10/8/2024		<3.00
MW-29	d	Chloromethane	74-87-3	ug/L	10/8/2024		<3.00
MW-29	d	Chloroprene	126-99-8	ug/L	10/8/2024		<1.00
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/8/2024		9.58
MW-29	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/8/2024		<5.00
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/8/2024		<5.00
MW-29	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/8/2024		<1.00
MW-29	d	Methylene Bromide	74-95-3	ug/L	10/8/2024		<1.00
MW-29	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/8/2024	J	0.561
MW-29	d	1,3-Dichlorobenzene	541-73-1	ug/L	10/8/2024		<1.00
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/8/2024		8.13
MW-29	d	Dichlorodifluoromethane	75-71-8	ug/L	10/8/2024		<3.00
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	10/8/2024		3.63
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	10/8/2024		<1.00
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	10/8/2024		<2.00
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	10/8/2024	J	0.799

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	1,3-Dichloropropane	142-28-9	ug/L	10/8/2024		<1.00
MW-29	d	2,2-Dichloropropane	594-20-7	ug/L	10/8/2024		<4.00
MW-29	d	1,1-Dichloropropene	563-58-6	ug/L	10/8/2024		<1.00
MW-29	d	Ethylbenzene	100-41-4	ug/L	10/8/2024		<1.00
MW-29	d	Ethyl Methacrylate	97-63-2	ug/L	10/8/2024		<2.00
MW-29	d	2-Hexanone	591-78-6	ug/L	10/8/2024		<10.0
MW-29	d	Iodomethane	74-88-4	ug/L	10/8/2024		<10.0
MW-29	d	Methacrylonitrile	126-98-7	ug/L	10/8/2024		<10.0
MW-29	d	Methylene Chloride	75-09-2	ug/L	10/8/2024		<5.00
MW-29	d	Methyl Methacrylate	80-62-6	ug/L	10/8/2024		<2.00
MW-29	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/8/2024		<10.0
MW-29	d	Naphthalene	91-20-3	ug/L	10/8/2024		<5.00
MW-29	d	Propionitrile	107-12-0	ug/L	10/8/2024		<10.0
MW-29	d	Styrene	100-42-5	ug/L	10/8/2024		<1.00
MW-29	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/8/2024		<1.00
MW-29	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/8/2024		<1.00
MW-29	d	Tetrachloroethene	127-18-4	ug/L	10/8/2024		<1.00
MW-29	d	Toluene	108-88-3	ug/L	10/8/2024	J	0.433
MW-29	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/8/2024		<10.0
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/8/2024	J	0.689
MW-29	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/8/2024		<5.00
MW-29	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	10/8/2024		<5.00
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/8/2024		<1.00
MW-29	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/8/2024		<1.00
MW-29	d	Trichloroethene	79-01-6	ug/L	10/8/2024	J	0.739
MW-29	d	Trichlorofluoromethane	75-69-4	ug/L	10/8/2024		<4.00
MW-29	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/8/2024		<1.00
MW-29	d	Vinyl Acetate	108-05-4	ug/L	10/8/2024		<10.0
MW-29	d	Vinyl Chloride	75-01-4	ug/L	10/8/2024		3.61
MW-29	d	Xylenes, total	1330-20-7	ug/L	10/8/2024		<3.00
MW-29	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	10/8/2024		<10.0
MW-29	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	10/8/2024		<10.0
MW-29	d	1,3-Dinitrobenzene	99-65-0	ug/L	10/8/2024		<10.0
MW-29	d	1,4-Naphthoquinone	130-15-4	ug/L	10/8/2024		<10.0
MW-29	d	1,4-Phenylenediamine	106-50-3	ug/L	10/8/2024		<10.0
MW-29	d	1-Naphthylamine	134-32-7	ug/L	10/8/2024		<10.0
MW-29	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	10/8/2024		<10.0
MW-29	d	2,4,5-Trichlorophenol	95-95-4	ug/L	10/8/2024		<10.0
MW-29	d	2,4,6-Trichlorophenol	88-06-2	ug/L	10/8/2024		<10.0
MW-29	d	2,4-Dichlorophenol	120-83-2	ug/L	10/8/2024		<10.0
MW-29	d	2,4-Dimethylphenol	105-67-9	ug/L	10/8/2024		<10.0
MW-29	d	2,4-Dinitrophenol	51-28-5	ug/L	10/8/2024		<20.0
MW-29	d	2,4-Dinitrotoluene	121-14-2	ug/L	10/8/2024		<10.0
MW-29	d	2,6-Dichlorophenol	87-65-0	ug/L	10/8/2024		<10.0
MW-29	d	2,6-Dinitrotoluene	606-20-2	ug/L	10/8/2024		<10.0
MW-29	d	2-Acetylaminofluorene	53-96-3	ug/L	10/8/2024		<10.0
MW-29	d	2-Chloronaphthalene	91-58-7	ug/L	10/8/2024		<10.0
MW-29	d	2-Chlorophenol	95-57-8	ug/L	10/8/2024		<10.0
MW-29	d	2-Methylnaphthalene	91-57-6	ug/L	10/8/2024		<10.0
MW-29	d	2-Methylphenol	95-48-7	ug/L	10/8/2024		<10.0
MW-29	d	2-Naphthylamine	91-59-8	ug/L	10/8/2024		<10.0
MW-29	d	2-Nitroaniline	88-74-4	ug/L	10/8/2024		<10.0
MW-29	d	2-Nitrophenol	88-75-5	ug/L	10/8/2024		<10.0
MW-29	d	3,3-Dichlorobenzidine	91-94-1	ug/L	10/8/2024		<10.0
MW-29	d	3,3-Dimethylbenzidine	119-93-7	ug/L	10/8/2024		<10.0
MW-29	d	3-Methylcholanthrene	56-49-5	ug/L	10/8/2024		<10.0
MW-29	d	3-Nitroaniline	99-09-2	ug/L	10/8/2024		<10.0
MW-29	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	10/8/2024		<10.0
MW-29	d	4-Aminobiphenyl	92-67-1	ug/L	10/8/2024		<10.0
MW-29	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	10/8/2024		<10.0
MW-29	d	4-Chloro-3-methylphenol	59-50-7	ug/L	10/8/2024		<10.0
MW-29	d	4-Chloroaniline	106-47-8	ug/L	10/8/2024		<10.0
MW-29	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	10/8/2024		<10.0
MW-29	d	3/4-Methylphenol	T-34MP	ug/L	10/8/2024		<10.0
MW-29	d	4-Nitroaniline	100-01-6	ug/L	10/8/2024		<10.0
MW-29	d	4-Nitrophenol	100-02-7	ug/L	10/8/2024		<10.0
MW-29	d	5-Nitro-o-toluidine	99-55-8	ug/L	10/8/2024		<10.0
MW-29	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	10/8/2024		<10.0
MW-29	d	Acenaphthene	83-32-9	ug/L	10/8/2024		<10.0
MW-29	d	Acenaphthylene	208-96-8	ug/L	10/8/2024		<10.0
MW-29	d	Acetophenone	98-86-2	ug/L	10/8/2024		<10.0
MW-29	d	Anthracene	120-12-7	ug/L	10/8/2024		<10.0
MW-29	d	Benzo [a] anthracene	56-55-3	ug/L	10/8/2024		<10.0
MW-29	d	Benzo [a] pyrene	50-32-8	ug/L	10/8/2024		<10.0
MW-29	d	Benzo [b] fluoranthene	205-99-2	ug/L	10/8/2024		<10.0
MW-29	d	Benzo [g,h,i] perylene	191-24-2	ug/L	10/8/2024		<10.0
MW-29	d	Benzo [k] fluoranthene	207-08-9	ug/L	10/8/2024		<10.0
MW-29	d	Benzyl alcohol	100-51-6	ug/L	10/8/2024		<10.0
MW-29	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	10/8/2024		<10.0
MW-29	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	10/8/2024		<10.0
MW-29	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	10/8/2024		<10.0
MW-29	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/8/2024		<10.0
MW-29	d	Butyl benzyl phthalate	85-68-7	ug/L	10/8/2024		<10.0
MW-29	d	Chlorobenzilate	510-15-6	ug/L	10/8/2024		<10.0
MW-29	d	Chrysene	218-01-9	ug/L	10/8/2024		<10.0
MW-29	d	Diallate [cis or trans]	2303-16-4	ug/L	10/8/2024		<10.0
MW-29	d	Dibenz [a,h] anthracene	53-70-3	ug/L	10/8/2024		<10.0

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Dibenzofuran	132-64-9	ug/L	10/8/2024		<10.0
MW-29	d	Diethyl phthalate	84-66-2	ug/L	10/8/2024		<10.0
MW-29	d	Dimethoate	60-51-5	ug/L	10/8/2024		<10.0
MW-29	d	Dimethyl phthalate	131-11-3	ug/L	10/8/2024		<10.0
MW-29	d	Di-n-butyl phthalate	84-74-2	ug/L	10/8/2024		<10.0
MW-29	d	Di-n-octyl phthalate	117-84-0	ug/L	10/8/2024		<20.0
MW-29	d	Diphenylamine	122-39-4	ug/L	10/8/2024		<10.0
MW-29	d	Disulfoton	298-04-4	ug/L	10/8/2024		<10.0
MW-29	d	Ethyl Methanesulfonate	62-50-0	ug/L	10/8/2024		<10.0
MW-29	d	Parathion-Ethyl	56-38-2	ug/L	10/8/2024		<10.0
MW-29	d	Famphur	52-85-7	ug/L	10/8/2024		<10.0
MW-29	d	Fluoranthene	206-44-0	ug/L	10/8/2024		<10.0
MW-29	d	Fluorene	86-73-7	ug/L	10/8/2024		<10.0
MW-29	d	Hexachlorobenzene	118-74-1	ug/L	10/8/2024		<10.0
MW-29	d	Hexachlorobutadiene	87-68-3	ug/L	10/8/2024		<10.0
MW-29	d	Hexachlorocyclopentadiene	77-47-4	ug/L	10/8/2024		<10.0
MW-29	d	Hexachloroethane	67-72-1	ug/L	10/8/2024		<10.0
MW-29	d	Hexachloropropene	1888-71-7	ug/L	10/8/2024		<10.0
MW-29	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	10/8/2024		<10.0
MW-29	d	Isodrin	465-73-6	ug/L	10/8/2024		<10.0
MW-29	d	Isophorone	78-59-1	ug/L	10/8/2024		<10.0
MW-29	d	Isosafrole	120-58-1	ug/L	10/8/2024		<10.0
MW-29	d	Kepone	143-50-0	ug/L	10/8/2024		<10.0
MW-29	d	Methapyrilene	91-80-5	ug/L	10/8/2024		<10.0
MW-29	d	Methyl Methanesulfonate		ug/L	10/8/2024		<10.0
MW-29	d	Parathion-Methyl	298-00-0	ug/L	10/8/2024		<10.0
MW-29	d	Nitrobenzene	98-95-3	ug/L	10/8/2024		<10.0
MW-29	d	N-Nitrosodiethylamine	55-18-5	ug/L	10/8/2024		<10.0
MW-29	d	N-Nitrosodimethylamine	62-75-9	ug/L	10/8/2024		<10.0
MW-29	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	10/8/2024		<10.0
MW-29	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	10/8/2024		<10.0
MW-29	d	N-Nitrosodiphenylamine	86-30-6	ug/L	10/8/2024		<10.0
MW-29	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	10/8/2024		<10.0
MW-29	d	N-Nitrosopiperidine	100-75-4	ug/L	10/8/2024		<10.0
MW-29	d	N-Nitrosopyrrolidine	930-55-2	ug/L	10/8/2024		<10.0
MW-29	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	10/8/2024		<10.0
MW-29	d	O-Toluidine	95-53-4	ug/L	10/8/2024		<10.0
MW-29	d	Dimethylaminoazobenzene	60-11-7	ug/L	10/8/2024		<10.0
MW-29	d	Pentachlorobenzene	608-93-5	ug/L	10/8/2024		<10.0
MW-29	d	Pentachloronitrobenzene	82-68-8	ug/L	10/8/2024		<10.0
MW-29	d	Pentachlorophenol [2C]	87-86-5	ug/L	10/8/2024		<10.0
MW-29	d	Phenacetin	62-44-2	ug/L	10/8/2024		<10.0
MW-29	d	Phenanthrene	85-01-8	ug/L	10/8/2024		<10.0
MW-29	d	Phenol	108-95-2	ug/L	10/8/2024		<10.0
MW-29	d	Phorate	298-02-2	ug/L	10/8/2024		<10.0
MW-29	d	Pronamide	23950-58-5	ug/L	10/8/2024		<10.0
MW-29	d	Pyrene	129-00-0	ug/L	10/8/2024		<10.0
MW-29	d	Safrole	94-59-7	ug/L	10/8/2024		<10.0
MW-29	d	Thionazin	297-97-2	ug/L	10/8/2024		<10.0
MW-29	d	Cyanide	57-12-5	mg/L	10/8/2024		<0.0100
MW-29	d	Sulfide	18496-25-8	mg/L	10/8/2024		<1.00
MW-29	d	Total Organic Carbon	TOC	mg/L	10/8/2024	F1	5.85
MW-29	d	Total Suspended Solids	TSS	mg/L	10/8/2024		30
GU-3A	d	Antimony	7440-36-0	mg/L	4/29/2025		<0.00200
GU-3A	d	Arsenic	7440-38-2	mg/L	4/29/2025	J	0.00101
GU-3A	d	Barium	7440-39-3	mg/L	4/29/2025		0.0499
GU-3A	d	Beryllium	7440-41-7	mg/L	4/29/2025		<0.00100
GU-3A	d	Cadmium	7440-43-9	mg/L	4/29/2025		<0.000200
GU-3A	d	Chromium	7440-47-3	mg/L	4/29/2025		<0.00500
GU-3A	d	Cobalt	7440-48-4	mg/L	4/29/2025		0.0116
GU-3A	d	Copper	7440-50-8	mg/L	4/29/2025		<0.00500
GU-3A	d	Lead	7439-92-1	mg/L	4/29/2025		<0.000500
GU-3A	d	Nickel	7440-02-0	mg/L	4/29/2025		0.0301
GU-3A	d	Selenium	7782-49-2	mg/L	4/29/2025		<0.00500
GU-3A	d	Silver	7440-22-4	mg/L	4/29/2025		<0.00100
GU-3A	d	Thallium	7440-28-0	mg/L	4/29/2025		<0.00100
GU-3A	d	Vanadium	7440-62-2	mg/L	4/29/2025		<0.00500
GU-3A	d	Zinc	7440-66-6	mg/L	4/29/2025		0.485
GU-3A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/29/2025		<1.00
GU-3A	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/29/2025		<1.00
GU-3A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/29/2025		<1.00
GU-3A	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/29/2025		<1.00
GU-3A	d	1,1-Dichloroethane	75-34-3	ug/L	4/29/2025		<1.00
GU-3A	d	1,1-Dichloroethene	75-35-4	ug/L	4/29/2025		<2.00
GU-3A	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/29/2025		<1.00
GU-3A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/29/2025		<5.00
GU-3A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/29/2025		<1.00
GU-3A	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/29/2025		<1.00
GU-3A	d	1,2-Dichloroethane	107-06-2	ug/L	4/29/2025		<1.00
GU-3A	d	1,2-Dichloropropane	78-87-5	ug/L	4/29/2025		<1.00
GU-3A	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/29/2025		<1.00
GU-3A	d	2-Butanone	78-93-3	ug/L	4/29/2025		<10.0
GU-3A	d	2-Hexanone	591-78-6	ug/L	4/29/2025		<10.0
GU-3A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/29/2025		<10.0
GU-3A	d	Acetone	67-64-1	ug/L	4/29/2025		<10.0
GU-3A	d	Acrylonitrile	107-13-1	ug/L	4/29/2025		<5.00
GU-3A	d	Benzene	71-43-2	ug/L	4/29/2025		<0.500

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
GU-3A	d	Bromochloromethane	74-97-5	ug/L	4/29/2025		<5.00
GU-3A	d	Bromodichloromethane	75-27-4	ug/L	4/29/2025		<1.00
GU-3A	d	Bromoform	75-25-2	ug/L	4/29/2025		<5.00
GU-3A	d	Bromomethane	74-83-9	ug/L	4/29/2025		<4.00
GU-3A	d	Carbon Disulfide	75-15-0	ug/L	4/29/2025		<1.00
GU-3A	d	Carbon Tetrachloride	56-23-5	ug/L	4/29/2025		<2.00
GU-3A	d	Chlorobenzene	108-90-7	ug/L	4/29/2025		<1.00
GU-3A	d	Chlorodibromomethane	124-48-1	ug/L	4/29/2025		<5.00
GU-3A	d	Chloroethane	75-00-3	ug/L	4/29/2025		<4.00
GU-3A	d	Chloroform	67-66-3	ug/L	4/29/2025		<3.00
GU-3A	d	Chloromethane	74-87-3	ug/L	4/29/2025		<3.00
GU-3A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/29/2025		<1.00
GU-3A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/29/2025		<5.00
GU-3A	d	Methylene Bromide	74-95-3	ug/L	4/29/2025		<1.00
GU-3A	d	Ethylbenzene	100-41-4	ug/L	4/29/2025		<1.00
GU-3A	d	Iodomethane	74-88-4	ug/L	4/29/2025		<10.0
GU-3A	d	Methylene Chloride	75-09-2	ug/L	4/29/2025		<5.00
GU-3A	d	Styrene	100-42-5	ug/L	4/29/2025		<1.00
GU-3A	d	Tetrachloroethene	127-18-4	ug/L	4/29/2025		<1.00
GU-3A	d	Toluene	108-88-3	ug/L	4/29/2025		<1.00
GU-3A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/29/2025		<1.00
GU-3A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/29/2025		<5.00
GU-3A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/29/2025		<10.0
GU-3A	d	Trichloroethene	79-01-6	ug/L	4/29/2025		<1.00
GU-3A	d	Trichlorofluoromethane	75-69-4	ug/L	4/29/2025		<4.00
GU-3A	d	Vinyl Acetate	108-05-4	ug/L	4/29/2025		<10.0
GU-3A	d	Vinyl Chloride	75-01-4	ug/L	4/29/2025		<1.00
GU-3A	d	Xylenes, total	1330-20-7	ug/L	4/29/2025		<3.00
GU-3A	d	Total Suspended Solids	TSS	mg/L	4/29/2025	J	2.6
MW-14R	d	Antimony	7440-36-0	mg/L	4/29/2025		<0.00200
MW-14R	d	Arsenic	7440-38-2	mg/L	4/29/2025		0.0524
MW-14R	d	Barium	7440-39-3	mg/L	4/29/2025		0.509
MW-14R	d	Beryllium	7440-41-7	mg/L	4/29/2025		<0.00100
MW-14R	d	Cadmium	7440-43-9	mg/L	4/29/2025		0.000555
MW-14R	d	Chromium	7440-47-3	mg/L	4/29/2025		<0.00500
MW-14R	d	Cobalt	7440-48-4	mg/L	4/29/2025		0.00129
MW-14R	d	Copper	7440-50-8	mg/L	4/29/2025		<0.00500
MW-14R	d	Lead	7439-92-1	mg/L	4/29/2025		<0.000500
MW-14R	d	Nickel	7440-02-0	mg/L	4/29/2025	J	0.00324
MW-14R	d	Selenium	7782-49-2	mg/L	4/29/2025		<0.00500
MW-14R	d	Silver	7440-22-4	mg/L	4/29/2025		<0.00100
MW-14R	d	Thallium	7440-28-0	mg/L	4/29/2025		<0.00100
MW-14R	d	Vanadium	7440-62-2	mg/L	4/29/2025		<0.00500
MW-14R	d	Zinc	7440-66-6	mg/L	4/29/2025		0.049
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/29/2025		<1.00
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/29/2025		<1.00
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/29/2025		<1.00
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/29/2025		<1.00
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	4/29/2025		6.78
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	4/29/2025		<2.00
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/29/2025		<1.00
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/29/2025		<5.00
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/29/2025		<1.00
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/29/2025		<1.00
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	4/29/2025		<1.00
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	4/29/2025	J	0.667
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/29/2025		<1.00
MW-14R	d	2-Butanone	78-93-3	ug/L	4/29/2025		<10.0
MW-14R	d	2-Hexanone	591-78-6	ug/L	4/29/2025		<10.0
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/29/2025		<10.0
MW-14R	d	Acetone	67-64-1	ug/L	4/29/2025		<10.0
MW-14R	d	Acrylonitrile	107-13-1	ug/L	4/29/2025		<5.00
MW-14R	d	Benzene	71-43-2	ug/L	4/29/2025		<0.500
MW-14R	d	Bromochloromethane	74-97-5	ug/L	4/29/2025		<5.00
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	4/29/2025		<1.00
MW-14R	d	Bromoform	75-25-2	ug/L	4/29/2025		<5.00
MW-14R	d	Bromomethane	74-83-9	ug/L	4/29/2025		<4.00
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	4/29/2025		<1.00
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	4/29/2025		<2.00
MW-14R	d	Chlorobenzene	108-90-7	ug/L	4/29/2025		<1.00
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	4/29/2025		<5.00
MW-14R	d	Chloroethane	75-00-3	ug/L	4/29/2025		<4.00
MW-14R	d	Chloroform	67-66-3	ug/L	4/29/2025		<3.00
MW-14R	d	Chloromethane	74-87-3	ug/L	4/29/2025		<3.00
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/29/2025		39.3
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/29/2025		<5.00
MW-14R	d	Methylene Bromide	74-95-3	ug/L	4/29/2025		<1.00
MW-14R	d	Ethylbenzene	100-41-4	ug/L	4/29/2025		<1.00
MW-14R	d	Iodomethane	74-88-4	ug/L	4/29/2025		<10.0
MW-14R	d	Methylene Chloride	75-09-2	ug/L	4/29/2025		<5.00
MW-14R	d	Styrene	100-42-5	ug/L	4/29/2025		<1.00
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	4/29/2025		<1.00
MW-14R	d	Toluene	108-88-3	ug/L	4/29/2025		<1.00
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/29/2025		<1.00
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/29/2025		<5.00
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/29/2025		<10.0
MW-14R	d	Trichloroethene	79-01-6	ug/L	4/29/2025		2.79

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	4/29/2025		<4.00
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	4/29/2025		<10.0
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	4/29/2025		3.13
MW-14R	d	Xylenes, total	1330-20-7	ug/L	4/29/2025		<3.00
MW-14R	d	Sulfide	18496-25-8	mg/L	4/29/2025	H	<1.00
MW-14R	d	Total Organic Carbon	TOC	mg/L	4/29/2025		1.85
MW-14R	d	Total Suspended Solids	TSS	mg/L	4/29/2025		30.2
MW-18	d	Antimony	7440-36-0	mg/L	4/29/2025		<0.00200
MW-18	d	Arsenic	7440-38-2	mg/L	4/29/2025		<0.00200
MW-18	d	Barium	7440-39-3	mg/L	4/29/2025		0.117
MW-18	d	Beryllium	7440-41-7	mg/L	4/29/2025		<0.00100
MW-18	d	Cadmium	7440-43-9	mg/L	4/29/2025		<0.000200
MW-18	d	Chromium	7440-47-3	mg/L	4/29/2025		<0.00500
MW-18	d	Cobalt	7440-48-4	mg/L	4/29/2025		0.00129
MW-18	d	Copper	7440-50-8	mg/L	4/29/2025		<0.00500
MW-18	d	Lead	7439-92-1	mg/L	4/29/2025		<0.000500
MW-18	d	Nickel	7440-02-0	mg/L	4/29/2025	J	0.0029
MW-18	d	Selenium	7782-49-2	mg/L	4/29/2025		<0.00500
MW-18	d	Silver	7440-22-4	mg/L	4/29/2025		<0.00100
MW-18	d	Thallium	7440-28-0	mg/L	4/29/2025		<0.00100
MW-18	d	Vanadium	7440-62-2	mg/L	4/29/2025		<0.00500
MW-18	d	Zinc	7440-66-6	mg/L	4/29/2025		<0.0200
MW-18	d	Mercury	7439-97-6	mg/L	4/29/2025	^+	<0.000200
MW-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/29/2025		<1.00
MW-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/29/2025		<1.00
MW-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/29/2025		<1.00
MW-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/29/2025		<1.00
MW-18	d	1,1-Dichloroethane	75-34-3	ug/L	4/29/2025		<1.00
MW-18	d	1,1-Dichloroethene	75-35-4	ug/L	4/29/2025		<2.00
MW-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/29/2025		<1.00
MW-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/29/2025		<5.00
MW-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/29/2025		<1.00
MW-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/29/2025		<1.00
MW-18	d	1,2-Dichloroethane	107-06-2	ug/L	4/29/2025		<1.00
MW-18	d	1,2-Dichloropropane	78-87-5	ug/L	4/29/2025		<1.00
MW-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/29/2025		<1.00
MW-18	d	2-Butanone	78-93-3	ug/L	4/29/2025		<10.0
MW-18	d	2-Hexanone	591-78-6	ug/L	4/29/2025		<10.0
MW-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/29/2025		<10.0
MW-18	d	Acetone	67-64-1	ug/L	4/29/2025		<10.0
MW-18	d	Acrylonitrile	107-13-1	ug/L	4/29/2025		<5.00
MW-18	d	Benzene	71-43-2	ug/L	4/29/2025		<0.500
MW-18	d	Bromochloromethane	74-97-5	ug/L	4/29/2025		<5.00
MW-18	d	Bromodichloromethane	75-27-4	ug/L	4/29/2025		<1.00
MW-18	d	Bromoform	75-25-2	ug/L	4/29/2025		<5.00
MW-18	d	Bromomethane	74-83-9	ug/L	4/29/2025		<4.00
MW-18	d	Carbon Disulfide	75-15-0	ug/L	4/29/2025		<1.00
MW-18	d	Carbon Tetrachloride	56-23-5	ug/L	4/29/2025		<2.00
MW-18	d	Chlorobenzene	108-90-7	ug/L	4/29/2025		<1.00
MW-18	d	Chlorodibromomethane	124-48-1	ug/L	4/29/2025		<5.00
MW-18	d	Chloroethane	75-00-3	ug/L	4/29/2025		<4.00
MW-18	d	Chloroform	67-66-3	ug/L	4/29/2025		<3.00
MW-18	d	Chloromethane	74-87-3	ug/L	4/29/2025		<3.00
MW-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/29/2025		<1.00
MW-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/29/2025		<5.00
MW-18	d	Methylene Bromide	74-95-3	ug/L	4/29/2025		<1.00
MW-18	d	Ethylbenzene	100-41-4	ug/L	4/29/2025		<1.00
MW-18	d	Iodomethane	74-88-4	ug/L	4/29/2025		<10.0
MW-18	d	Methylene Chloride	75-09-2	ug/L	4/29/2025		<5.00
MW-18	d	Styrene	100-42-5	ug/L	4/29/2025		<1.00
MW-18	d	Tetrachloroethene	127-18-4	ug/L	4/29/2025		<1.00
MW-18	d	Toluene	108-88-3	ug/L	4/29/2025		<1.00
MW-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/29/2025		<1.00
MW-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/29/2025		<5.00
MW-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/29/2025		<10.0
MW-18	d	Trichloroethene	79-01-6	ug/L	4/29/2025		<1.00
MW-18	d	Trichlorofluoromethane	75-69-4	ug/L	4/29/2025		<4.00
MW-18	d	Vinyl Acetate	108-05-4	ug/L	4/29/2025		<10.0
MW-18	d	Vinyl Chloride	75-01-4	ug/L	4/29/2025		<1.00
MW-18	d	Xylenes, total	1330-20-7	ug/L	4/29/2025		<3.00
MW-18	d	Total Suspended Solids	TSS	mg/L	4/29/2025	J	1.75
MW-19	d	Antimony	7440-36-0	mg/L	4/29/2025		<0.00200
MW-19	d	Arsenic	7440-38-2	mg/L	4/29/2025		<0.00200
MW-19	d	Barium	7440-39-3	mg/L	4/29/2025		0.0459
MW-19	d	Beryllium	7440-41-7	mg/L	4/29/2025		<0.00100
MW-19	d	Cadmium	7440-43-9	mg/L	4/29/2025		<0.000200
MW-19	d	Chromium	7440-47-3	mg/L	4/29/2025		<0.00500
MW-19	d	Cobalt	7440-48-4	mg/L	4/29/2025		<0.000500
MW-19	d	Copper	7440-50-8	mg/L	4/29/2025		<0.00500
MW-19	d	Lead	7439-92-1	mg/L	4/29/2025		<0.000500
MW-19	d	Nickel	7440-02-0	mg/L	4/29/2025		<0.00500
MW-19	d	Selenium	7782-49-2	mg/L	4/29/2025		<0.00500
MW-19	d	Silver	7440-22-4	mg/L	4/29/2025		<0.00100
MW-19	d	Thallium	7440-28-0	mg/L	4/29/2025		<0.00100
MW-19	d	Vanadium	7440-62-2	mg/L	4/29/2025		<0.00500
MW-19	d	Zinc	7440-66-6	mg/L	4/29/2025		<0.0200
MW-19	d	Mercury	7439-97-6	mg/L	4/29/2025	^+	<0.000200

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/29/2025		<1.00
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/29/2025		<1.00
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/29/2025		<1.00
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/29/2025		<1.00
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	4/29/2025		<1.00
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	4/29/2025		<2.00
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/29/2025		<1.00
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/29/2025		<5.00
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/29/2025		<1.00
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/29/2025		<1.00
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	4/29/2025		<1.00
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	4/29/2025		<1.00
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/29/2025		<1.00
MW-19	d	2-Butanone	78-93-3	ug/L	4/29/2025		<10.0
MW-19	d	2-Hexanone	591-78-6	ug/L	4/29/2025		<10.0
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/29/2025		<10.0
MW-19	d	Acetone	67-64-1	ug/L	4/29/2025		<10.0
MW-19	d	Acrylonitrile	107-13-1	ug/L	4/29/2025		<5.00
MW-19	d	Benzene	71-43-2	ug/L	4/29/2025		<0.500
MW-19	d	Bromochloromethane	74-97-5	ug/L	4/29/2025		<5.00
MW-19	d	Bromodichloromethane	75-27-4	ug/L	4/29/2025		<1.00
MW-19	d	Bromoform	75-25-2	ug/L	4/29/2025		<5.00
MW-19	d	Bromomethane	74-83-9	ug/L	4/29/2025		<4.00
MW-19	d	Carbon Disulfide	75-15-0	ug/L	4/29/2025		<1.00
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	4/29/2025		<2.00
MW-19	d	Chlorobenzene	108-90-7	ug/L	4/29/2025		<1.00
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	4/29/2025		<5.00
MW-19	d	Chloroethane	75-00-3	ug/L	4/29/2025		<4.00
MW-19	d	Chloroform	67-66-3	ug/L	4/29/2025		<3.00
MW-19	d	Chloromethane	74-87-3	ug/L	4/29/2025		<3.00
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/29/2025		<1.00
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/29/2025		<5.00
MW-19	d	Methylene Bromide	74-95-3	ug/L	4/29/2025		<1.00
MW-19	d	Ethylbenzene	100-41-4	ug/L	4/29/2025		<1.00
MW-19	d	Iodomethane	74-88-4	ug/L	4/29/2025		<10.0
MW-19	d	Methylene Chloride	75-09-2	ug/L	4/29/2025		<5.00
MW-19	d	Styrene	100-42-5	ug/L	4/29/2025		<1.00
MW-19	d	Tetrachloroethene	127-18-4	ug/L	4/29/2025		<1.00
MW-19	d	Toluene	108-88-3	ug/L	4/29/2025		<1.00
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/29/2025		<1.00
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/29/2025		<5.00
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/29/2025		<10.0
MW-19	d	Trichloroethene	79-01-6	ug/L	4/29/2025		<1.00
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	4/29/2025		<4.00
MW-19	d	Vinyl Acetate	108-05-4	ug/L	4/29/2025		<10.0
MW-19	d	Vinyl Chloride	75-01-4	ug/L	4/29/2025		<1.00
MW-19	d	Xylenes, total	1330-20-7	ug/L	4/29/2025		<3.00
MW-19	d	Total Suspended Solids	TSS	mg/L	4/29/2025	J	1.38
MW-23	u	Antimony	7440-36-0	mg/L	4/28/2025		<0.00200
MW-23	u	Arsenic	7440-38-2	mg/L	4/28/2025		<0.00200
MW-23	u	Barium	7440-39-3	mg/L	4/28/2025		0.216
MW-23	u	Beryllium	7440-41-7	mg/L	4/28/2025		<0.00100
MW-23	u	Cadmium	7440-43-9	mg/L	4/28/2025		<0.000200
MW-23	u	Chromium	7440-47-3	mg/L	4/28/2025		<0.00500
MW-23	u	Cobalt	7440-48-4	mg/L	4/28/2025	J	0.000176
MW-23	u	Copper	7440-50-8	mg/L	4/28/2025		<0.00500
MW-23	u	Lead	7439-92-1	mg/L	4/28/2025		<0.000500
MW-23	u	Nickel	7440-02-0	mg/L	4/28/2025		0.00715
MW-23	u	Selenium	7782-49-2	mg/L	4/28/2025		<0.00500
MW-23	u	Silver	7440-22-4	mg/L	4/28/2025		<0.00100
MW-23	u	Thallium	7440-28-0	mg/L	4/28/2025		<0.00100
MW-23	u	Vanadium	7440-62-2	mg/L	4/28/2025		<0.00500
MW-23	u	Zinc	7440-66-6	mg/L	4/28/2025		<0.0200
MW-23	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/28/2025		<1.00
MW-23	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/28/2025		<1.00
MW-23	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/28/2025		<1.00
MW-23	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/28/2025		<1.00
MW-23	u	1,1-Dichloroethane	75-34-3	ug/L	4/28/2025		<1.00
MW-23	u	1,1-Dichloroethene	75-35-4	ug/L	4/28/2025		<2.00
MW-23	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/28/2025		<1.00
MW-23	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/28/2025		<5.00
MW-23	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/28/2025		<1.00
MW-23	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/28/2025		<1.00
MW-23	u	1,2-Dichloroethane	107-06-2	ug/L	4/28/2025		<1.00
MW-23	u	1,2-Dichloropropane	78-87-5	ug/L	4/28/2025		<1.00
MW-23	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/28/2025		<1.00
MW-23	u	2-Butanone	78-93-3	ug/L	4/28/2025		<10.0
MW-23	u	2-Hexanone	591-78-6	ug/L	4/28/2025		<10.0
MW-23	u	4-Methyl-2-Pentanone	108-10-1	ug/L	4/28/2025		<10.0
MW-23	u	Acetone	67-64-1	ug/L	4/28/2025		<10.0
MW-23	u	Acrylonitrile	107-13-1	ug/L	4/28/2025		<5.00
MW-23	u	Benzene	71-43-2	ug/L	4/28/2025		<0.500
MW-23	u	Bromochloromethane	74-97-5	ug/L	4/28/2025		<5.00
MW-23	u	Bromodichloromethane	75-27-4	ug/L	4/28/2025		<1.00
MW-23	u	Bromoform	75-25-2	ug/L	4/28/2025		<5.00
MW-23	u	Bromomethane	74-83-9	ug/L	4/28/2025		<4.00
MW-23	u	Carbon Disulfide	75-15-0	ug/L	4/28/2025		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-23	u	Carbon Tetrachloride	56-23-5	ug/L	4/28/2025		<2.00
MW-23	u	Chlorobenzene	108-90-7	ug/L	4/28/2025		<1.00
MW-23	u	Chlorodibromomethane	124-48-1	ug/L	4/28/2025		<5.00
MW-23	u	Chloroethane	75-00-3	ug/L	4/28/2025		<4.00
MW-23	u	Chloroform	67-66-3	ug/L	4/28/2025		<3.00
MW-23	u	Chloromethane	74-87-3	ug/L	4/28/2025		<3.00
MW-23	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/28/2025		<1.00
MW-23	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/28/2025		<5.00
MW-23	u	Methylene Bromide	74-95-3	ug/L	4/28/2025		<1.00
MW-23	u	Ethylbenzene	100-41-4	ug/L	4/28/2025		<1.00
MW-23	u	Iodomethane	74-88-4	ug/L	4/28/2025		<10.0
MW-23	u	Methylene Chloride	75-09-2	ug/L	4/28/2025		<5.00
MW-23	u	Styrene	100-42-5	ug/L	4/28/2025		<1.00
MW-23	u	Tetrachloroethene	127-18-4	ug/L	4/28/2025		<1.00
MW-23	u	Toluene	108-88-3	ug/L	4/28/2025		<1.00
MW-23	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/28/2025		<1.00
MW-23	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/28/2025		<5.00
MW-23	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/28/2025		<10.0
MW-23	u	Trichloroethene	79-01-6	ug/L	4/28/2025		<1.00
MW-23	u	Trichlorofluoromethane	75-69-4	ug/L	4/28/2025		<4.00
MW-23	u	Vinyl Acetate	108-05-4	ug/L	4/28/2025		<10.0
MW-23	u	Vinyl Chloride	75-01-4	ug/L	4/28/2025		<1.00
MW-23	u	Xylenes, total	1330-20-7	ug/L	4/28/2025		<3.00
MW-23	u	Total Suspended Solids	TSS	mg/L	4/28/2025		<1.88
MW-24R	u	Antimony	7440-36-0	mg/L	4/29/2025		<0.00200
MW-24R	u	Arsenic	7440-38-2	mg/L	4/29/2025		<0.00200
MW-24R	u	Barium	7440-39-3	mg/L	4/29/2025		0.316
MW-24R	u	Beryllium	7440-41-7	mg/L	4/29/2025		<0.00100
MW-24R	u	Cadmium	7440-43-9	mg/L	4/29/2025		<0.000200
MW-24R	u	Chromium	7440-47-3	mg/L	4/29/2025		<0.00500
MW-24R	u	Cobalt	7440-48-4	mg/L	4/29/2025		<0.000500
MW-24R	u	Copper	7440-50-8	mg/L	4/29/2025		<0.00500
MW-24R	u	Lead	7439-92-1	mg/L	4/29/2025		<0.000500
MW-24R	u	Nickel	7440-02-0	mg/L	4/29/2025		<0.00500
MW-24R	u	Selenium	7782-49-2	mg/L	4/29/2025	J	0.00147
MW-24R	u	Silver	7440-22-4	mg/L	4/29/2025		<0.00100
MW-24R	u	Thallium	7440-28-0	mg/L	4/29/2025		<0.00100
MW-24R	u	Vanadium	7440-62-2	mg/L	4/29/2025		<0.00500
MW-24R	u	Zinc	7440-66-6	mg/L	4/29/2025		<0.0200
MW-24R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/29/2025		<1.00
MW-24R	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/29/2025		<1.00
MW-24R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/29/2025		<1.00
MW-24R	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/29/2025		<1.00
MW-24R	u	1,1-Dichloroethane	75-34-3	ug/L	4/29/2025		<1.00
MW-24R	u	1,1-Dichloroethene	75-35-4	ug/L	4/29/2025		<2.00
MW-24R	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/29/2025		<1.00
MW-24R	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/29/2025		<5.00
MW-24R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/29/2025		<1.00
MW-24R	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/29/2025		<1.00
MW-24R	u	1,2-Dichloroethane	107-06-2	ug/L	4/29/2025		<1.00
MW-24R	u	1,2-Dichloropropane	78-87-5	ug/L	4/29/2025		<1.00
MW-24R	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/29/2025		<1.00
MW-24R	u	2-Butanone	78-93-3	ug/L	4/29/2025		<10.0
MW-24R	u	2-Hexanone	591-78-6	ug/L	4/29/2025		<10.0
MW-24R	u	4-Methyl-2-Pentanone	108-10-1	ug/L	4/29/2025		<10.0
MW-24R	u	Acetone	67-64-1	ug/L	4/29/2025		<10.0
MW-24R	u	Acrylonitrile	107-13-1	ug/L	4/29/2025		<5.00
MW-24R	u	Benzene	71-43-2	ug/L	4/29/2025		<0.500
MW-24R	u	Bromochloromethane	74-97-5	ug/L	4/29/2025		<5.00
MW-24R	u	Bromodichloromethane	75-27-4	ug/L	4/29/2025		<1.00
MW-24R	u	Bromoform	75-25-2	ug/L	4/29/2025		<5.00
MW-24R	u	Bromomethane	74-83-9	ug/L	4/29/2025		<4.00
MW-24R	u	Carbon Disulfide	75-15-0	ug/L	4/29/2025		<1.00
MW-24R	u	Carbon Tetrachloride	56-23-5	ug/L	4/29/2025		<2.00
MW-24R	u	Chlorobenzene	108-90-7	ug/L	4/29/2025		<1.00
MW-24R	u	Chlorodibromomethane	124-48-1	ug/L	4/29/2025		<5.00
MW-24R	u	Chloroethane	75-00-3	ug/L	4/29/2025		<4.00
MW-24R	u	Chloroform	67-66-3	ug/L	4/29/2025		<3.00
MW-24R	u	Chloromethane	74-87-3	ug/L	4/29/2025		<3.00
MW-24R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/29/2025		<1.00
MW-24R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/29/2025		<5.00
MW-24R	u	Methylene Bromide	74-95-3	ug/L	4/29/2025		<1.00
MW-24R	u	Ethylbenzene	100-41-4	ug/L	4/29/2025		<1.00
MW-24R	u	Iodomethane	74-88-4	ug/L	4/29/2025		<10.0
MW-24R	u	Methylene Chloride	75-09-2	ug/L	4/29/2025		<5.00
MW-24R	u	Styrene	100-42-5	ug/L	4/29/2025		<1.00
MW-24R	u	Tetrachloroethene	127-18-4	ug/L	4/29/2025		<1.00
MW-24R	u	Toluene	108-88-3	ug/L	4/29/2025		<1.00
MW-24R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/29/2025		<1.00
MW-24R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/29/2025		<5.00
MW-24R	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/29/2025		<10.0
MW-24R	u	Trichloroethene	79-01-6	ug/L	4/29/2025		<1.00
MW-24R	u	Trichlorofluoromethane	75-69-4	ug/L	4/29/2025		<4.00
MW-24R	u	Vinyl Acetate	108-05-4	ug/L	4/29/2025		<10.0
MW-24R	u	Vinyl Chloride	75-01-4	ug/L	4/29/2025		<1.00
MW-24R	u	Xylenes, total	1330-20-7	ug/L	4/29/2025		<3.00
MW-24R	u	Total Organic Carbon	TOC	mg/L	4/29/2025		1.08

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-24R	u	Total Suspended Solids	TSS	mg/L	4/29/2025		<1.88
MW-28	d	Antimony	7440-36-0	mg/L	4/29/2025		<0.00200
MW-28	d	Arsenic	7440-38-2	mg/L	4/29/2025		0.0058
MW-28	d	Barium	7440-39-3	mg/L	4/29/2025		0.0833
MW-28	d	Beryllium	7440-41-7	mg/L	4/29/2025		<0.00100
MW-28	d	Cadmium	7440-43-9	mg/L	4/29/2025		<0.000200
MW-28	d	Chromium	7440-47-3	mg/L	4/29/2025		<0.00500
MW-28	d	Cobalt	7440-48-4	mg/L	4/29/2025	J	0.000218
MW-28	d	Copper	7440-50-8	mg/L	4/29/2025		<0.00500
MW-28	d	Lead	7439-92-1	mg/L	4/29/2025		<0.000500
MW-28	d	Nickel	7440-02-0	mg/L	4/29/2025		<0.00500
MW-28	d	Selenium	7782-49-2	mg/L	4/29/2025		<0.00500
MW-28	d	Silver	7440-22-4	mg/L	4/29/2025		<0.00100
MW-28	d	Thallium	7440-28-0	mg/L	4/29/2025		<0.00100
MW-28	d	Vanadium	7440-62-2	mg/L	4/29/2025		<0.00500
MW-28	d	Zinc	7440-66-6	mg/L	4/29/2025		<0.0200
MW-28	d	Mercury	7439-97-6	mg/L	4/29/2025	^+	<0.000200
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/29/2025		<1.00
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/29/2025		<1.00
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/29/2025		<1.00
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/29/2025		<1.00
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	4/29/2025		<1.00
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	4/29/2025		<2.00
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/29/2025		<1.00
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/29/2025		<5.00
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/29/2025		<1.00
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/29/2025		<1.00
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	4/29/2025		<1.00
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	4/29/2025		<1.00
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/29/2025		<1.00
MW-28	d	2-Butanone	78-93-3	ug/L	4/29/2025		<10.0
MW-28	d	2-Hexanone	591-78-6	ug/L	4/29/2025		<10.0
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/29/2025		<10.0
MW-28	d	Acetone	67-64-1	ug/L	4/29/2025		<10.0
MW-28	d	Acrylonitrile	107-13-1	ug/L	4/29/2025		<5.00
MW-28	d	Benzene	71-43-2	ug/L	4/29/2025		<0.500
MW-28	d	Bromochloromethane	74-97-5	ug/L	4/29/2025		<5.00
MW-28	d	Bromodichloromethane	75-27-4	ug/L	4/29/2025		<1.00
MW-28	d	Bromoform	75-25-2	ug/L	4/29/2025		<5.00
MW-28	d	Bromomethane	74-83-9	ug/L	4/29/2025		<4.00
MW-28	d	Carbon Disulfide	75-15-0	ug/L	4/29/2025		<1.00
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	4/29/2025		<2.00
MW-28	d	Chlorobenzene	108-90-7	ug/L	4/29/2025		<1.00
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	4/29/2025		<5.00
MW-28	d	Chloroethane	75-00-3	ug/L	4/29/2025		<4.00
MW-28	d	Chloroform	67-66-3	ug/L	4/29/2025		<3.00
MW-28	d	Chloromethane	74-87-3	ug/L	4/29/2025		<3.00
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/29/2025		<1.00
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/29/2025		<5.00
MW-28	d	Methylene Bromide	74-95-3	ug/L	4/29/2025		<1.00
MW-28	d	Ethylbenzene	100-41-4	ug/L	4/29/2025		<1.00
MW-28	d	Iodomethane	74-88-4	ug/L	4/29/2025		<10.0
MW-28	d	Methylene Chloride	75-09-2	ug/L	4/29/2025		<5.00
MW-28	d	Styrene	100-42-5	ug/L	4/29/2025		<1.00
MW-28	d	Tetrachloroethene	127-18-4	ug/L	4/29/2025		<1.00
MW-28	d	Toluene	108-88-3	ug/L	4/29/2025		<1.00
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/29/2025		<1.00
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/29/2025		<5.00
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/29/2025		<10.0
MW-28	d	Trichloroethene	79-01-6	ug/L	4/29/2025		<1.00
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	4/29/2025		<4.00
MW-28	d	Vinyl Acetate	108-05-4	ug/L	4/29/2025		<10.0
MW-28	d	Vinyl Chloride	75-01-4	ug/L	4/29/2025		<1.00
MW-28	d	Xylenes, total	1330-20-7	ug/L	4/29/2025		<3.00
MW-28	d	Total Suspended Solids	TSS	mg/L	4/29/2025		3.75
MW-29	d	Antimony	7440-36-0	mg/L	4/29/2025		<0.00200
MW-29	d	Arsenic	7440-38-2	mg/L	4/29/2025		0.0154
MW-29	d	Barium	7440-39-3	mg/L	4/29/2025		0.841
MW-29	d	Beryllium	7440-41-7	mg/L	4/29/2025		<0.00100
MW-29	d	Cadmium	7440-43-9	mg/L	4/29/2025		<0.000200
MW-29	d	Chromium	7440-47-3	mg/L	4/29/2025		<0.00500
MW-29	d	Cobalt	7440-48-4	mg/L	4/29/2025		0.0664
MW-29	d	Copper	7440-50-8	mg/L	4/29/2025		<0.00500
MW-29	d	Lead	7439-92-1	mg/L	4/29/2025		<0.000500
MW-29	d	Nickel	7440-02-0	mg/L	4/29/2025		0.0712
MW-29	d	Selenium	7782-49-2	mg/L	4/29/2025		<0.00500
MW-29	d	Silver	7440-22-4	mg/L	4/29/2025		<0.00100
MW-29	d	Thallium	7440-28-0	mg/L	4/29/2025		<0.00100
MW-29	d	Vanadium	7440-62-2	mg/L	4/29/2025		<0.00500
MW-29	d	Zinc	7440-66-6	mg/L	4/29/2025		<0.0200
MW-29	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/29/2025		<1.00
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/29/2025		<1.00
MW-29	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/29/2025		<1.00
MW-29	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/29/2025		<1.00
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	4/29/2025		1.78
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	4/29/2025		<2.00
MW-29	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/29/2025		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/29/2025		<5.00
MW-29	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/29/2025		<1.00
MW-29	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/29/2025	J	0.594
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	4/29/2025		<1.00
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	4/29/2025	J	0.583
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/29/2025		8.83
MW-29	d	2-Butanone	78-93-3	ug/L	4/29/2025		<10.0
MW-29	d	2-Hexanone	591-78-6	ug/L	4/29/2025		<10.0
MW-29	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/29/2025		<10.0
MW-29	d	Acetone	67-64-1	ug/L	4/29/2025	J	3.92
MW-29	d	Acrylonitrile	107-13-1	ug/L	4/29/2025		<5.00
MW-29	d	Benzene	71-43-2	ug/L	4/29/2025		3.6
MW-29	d	Bromochloromethane	74-97-5	ug/L	4/29/2025		<5.00
MW-29	d	Bromodichloromethane	75-27-4	ug/L	4/29/2025		<1.00
MW-29	d	Bromoform	75-25-2	ug/L	4/29/2025		<5.00
MW-29	d	Bromomethane	74-83-9	ug/L	4/29/2025		<4.00
MW-29	d	Carbon Disulfide	75-15-0	ug/L	4/29/2025		<1.00
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	4/29/2025		<2.00
MW-29	d	Chlorobenzene	108-90-7	ug/L	4/29/2025		17.6
MW-29	d	Chlorodibromomethane	124-48-1	ug/L	4/29/2025		<5.00
MW-29	d	Chloroethane	75-00-3	ug/L	4/29/2025		<4.00
MW-29	d	Chloroform	67-66-3	ug/L	4/29/2025		<3.00
MW-29	d	Chloromethane	74-87-3	ug/L	4/29/2025		<3.00
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/29/2025		8.11
MW-29	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/29/2025		<5.00
MW-29	d	Methylene Bromide	74-95-3	ug/L	4/29/2025		<1.00
MW-29	d	Ethylbenzene	100-41-4	ug/L	4/29/2025		<1.00
MW-29	d	Iodomethane	74-88-4	ug/L	4/29/2025		<10.0
MW-29	d	Methylene Chloride	75-09-2	ug/L	4/29/2025		<5.00
MW-29	d	Styrene	100-42-5	ug/L	4/29/2025		<1.00
MW-29	d	Tetrachloroethene	127-18-4	ug/L	4/29/2025		<1.00
MW-29	d	Toluene	108-88-3	ug/L	4/29/2025		<1.00
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/29/2025		<1.00
MW-29	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/29/2025		<5.00
MW-29	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/29/2025		<10.0
MW-29	d	Trichloroethene	79-01-6	ug/L	4/29/2025	J	0.533
MW-29	d	Trichlorofluoromethane	75-69-4	ug/L	4/29/2025		<4.00
MW-29	d	Vinyl Acetate	108-05-4	ug/L	4/29/2025		<10.0
MW-29	d	Vinyl Chloride	75-01-4	ug/L	4/29/2025		1.95
MW-29	d	Xylenes, total	1330-20-7	ug/L	4/29/2025		<3.00
MW-29	d	Total Organic Carbon	TOC	mg/L	4/29/2025		6.46
MW-29	d	Total Suspended Solids	TSS	mg/L	4/29/2025		17.5
MW-30R	d	Antimony	7440-36-0	mg/L	4/29/2025		<0.00200
MW-30R	d	Arsenic	7440-38-2	mg/L	4/29/2025		0.0386
MW-30R	d	Barium	7440-39-3	mg/L	4/29/2025		0.887
MW-30R	d	Beryllium	7440-41-7	mg/L	4/29/2025		<0.00100
MW-30R	d	Cadmium	7440-43-9	mg/L	4/29/2025		<0.000200
MW-30R	d	Chromium	7440-47-3	mg/L	4/29/2025		<0.00500
MW-30R	d	Cobalt	7440-48-4	mg/L	4/29/2025		0.00905
MW-30R	d	Copper	7440-50-8	mg/L	4/29/2025		<0.00500
MW-30R	d	Lead	7439-92-1	mg/L	4/29/2025		0.000575
MW-30R	d	Nickel	7440-02-0	mg/L	4/29/2025		0.00668
MW-30R	d	Selenium	7782-49-2	mg/L	4/29/2025		<0.00500
MW-30R	d	Silver	7440-22-4	mg/L	4/29/2025		<0.00100
MW-30R	d	Thallium	7440-28-0	mg/L	4/29/2025		<0.00100
MW-30R	d	Vanadium	7440-62-2	mg/L	4/29/2025	J	0.00256
MW-30R	d	Zinc	7440-66-6	mg/L	4/29/2025		<0.0200
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/29/2025		<1.00
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/29/2025		<1.00
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/29/2025		<1.00
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/29/2025		<1.00
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	4/29/2025		1.65
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	4/29/2025		<2.00
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/29/2025		<1.00
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/29/2025		<5.00
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/29/2025		<1.00
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/29/2025		<1.00
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	4/29/2025		<1.00
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	4/29/2025		<1.00
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/29/2025		<1.00
MW-30R	d	2-Butanone	78-93-3	ug/L	4/29/2025		<10.0
MW-30R	d	2-Hexanone	591-78-6	ug/L	4/29/2025		<10.0
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/29/2025		<10.0
MW-30R	d	Acetone	67-64-1	ug/L	4/29/2025		<10.0
MW-30R	d	Acrylonitrile	107-13-1	ug/L	4/29/2025		<5.00
MW-30R	d	Benzene	71-43-2	ug/L	4/29/2025		<0.500
MW-30R	d	Bromochloromethane	74-97-5	ug/L	4/29/2025		<5.00
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	4/29/2025		<1.00
MW-30R	d	Bromoform	75-25-2	ug/L	4/29/2025		<5.00
MW-30R	d	Bromomethane	74-83-9	ug/L	4/29/2025		<4.00
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	4/29/2025		<1.00
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	4/29/2025		<2.00
MW-30R	d	Chlorobenzene	108-90-7	ug/L	4/29/2025		<1.00
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	4/29/2025		<5.00
MW-30R	d	Chloroethane	75-00-3	ug/L	4/29/2025		<4.00
MW-30R	d	Chloroform	67-66-3	ug/L	4/29/2025		<3.00
MW-30R	d	Chloromethane	74-87-3	ug/L	4/29/2025		<3.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/29/2025		23.5
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/29/2025		<5.00
MW-30R	d	Methylene Bromide	74-95-3	ug/L	4/29/2025		<1.00
MW-30R	d	Ethylbenzene	100-41-4	ug/L	4/29/2025		<1.00
MW-30R	d	Iodomethane	74-88-4	ug/L	4/29/2025		<10.0
MW-30R	d	Methylene Chloride	75-09-2	ug/L	4/29/2025		<5.00
MW-30R	d	Styrene	100-42-5	ug/L	4/29/2025		<1.00
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	4/29/2025		<1.00
MW-30R	d	Toluene	108-88-3	ug/L	4/29/2025		<1.00
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/29/2025		<1.00
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/29/2025		<5.00
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/29/2025		<10.0
MW-30R	d	Trichloroethene	79-01-6	ug/L	4/29/2025		1.04
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	4/29/2025		<4.00
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	4/29/2025		<10.0
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	4/29/2025		2.14
MW-30R	d	Xylenes, total	1330-20-7	ug/L	4/29/2025		<3.00
MW-30R	d	Total Organic Carbon	TOC	mg/L	4/29/2025		4.38
MW-30R	d	Total Suspended Solids	TSS	mg/L	4/29/2025		39
MW-31R	d	Antimony	7440-36-0	mg/L	4/29/2025		<0.00200
MW-31R	d	Arsenic	7440-38-2	mg/L	4/29/2025		0.0104
MW-31R	d	Barium	7440-39-3	mg/L	4/29/2025		0.562
MW-31R	d	Beryllium	7440-41-7	mg/L	4/29/2025		<0.00100
MW-31R	d	Cadmium	7440-43-9	mg/L	4/29/2025		<0.000200
MW-31R	d	Chromium	7440-47-3	mg/L	4/29/2025		<0.00500
MW-31R	d	Cobalt	7440-48-4	mg/L	4/29/2025		0.00222
MW-31R	d	Copper	7440-50-8	mg/L	4/29/2025		<0.00500
MW-31R	d	Lead	7439-92-1	mg/L	4/29/2025		<0.000500
MW-31R	d	Nickel	7440-02-0	mg/L	4/29/2025		<0.00500
MW-31R	d	Selenium	7782-49-2	mg/L	4/29/2025		<0.00500
MW-31R	d	Silver	7440-22-4	mg/L	4/29/2025		<0.00100
MW-31R	d	Thallium	7440-28-0	mg/L	4/29/2025		<0.00100
MW-31R	d	Vanadium	7440-62-2	mg/L	4/29/2025		<0.00500
MW-31R	d	Zinc	7440-66-6	mg/L	4/29/2025		<0.0200
MW-31R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/29/2025		<1.00
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/29/2025		<1.00
MW-31R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/29/2025		<1.00
MW-31R	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/29/2025		<1.00
MW-31R	d	1,1-Dichloroethane	75-34-3	ug/L	4/29/2025		<1.00
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	4/29/2025		<2.00
MW-31R	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/29/2025		<1.00
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/29/2025		<5.00
MW-31R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/29/2025		<1.00
MW-31R	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/29/2025		<1.00
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	4/29/2025		<1.00
MW-31R	d	1,2-Dichloropropane	78-87-5	ug/L	4/29/2025		<1.00
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/29/2025		<1.00
MW-31R	d	2-Butanone	78-93-3	ug/L	4/29/2025		<10.0
MW-31R	d	2-Hexanone	591-78-6	ug/L	4/29/2025		<10.0
MW-31R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/29/2025		<10.0
MW-31R	d	Acetone	67-64-1	ug/L	4/29/2025		<10.0
MW-31R	d	Acrylonitrile	107-13-1	ug/L	4/29/2025		<5.00
MW-31R	d	Benzene	71-43-2	ug/L	4/29/2025		<0.500
MW-31R	d	Bromochloromethane	74-97-5	ug/L	4/29/2025		<5.00
MW-31R	d	Bromodichloromethane	75-27-4	ug/L	4/29/2025		<1.00
MW-31R	d	Bromoform	75-25-2	ug/L	4/29/2025		<5.00
MW-31R	d	Bromomethane	74-83-9	ug/L	4/29/2025		<4.00
MW-31R	d	Carbon Disulfide	75-15-0	ug/L	4/29/2025		<1.00
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	4/29/2025		<2.00
MW-31R	d	Chlorobenzene	108-90-7	ug/L	4/29/2025		<1.00
MW-31R	d	Chlorodibromomethane	124-48-1	ug/L	4/29/2025		<5.00
MW-31R	d	Chloroethane	75-00-3	ug/L	4/29/2025		<4.00
MW-31R	d	Chloroform	67-66-3	ug/L	4/29/2025		<3.00
MW-31R	d	Chloromethane	74-87-3	ug/L	4/29/2025		<3.00
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/29/2025		<1.00
MW-31R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/29/2025		<5.00
MW-31R	d	Methylene Bromide	74-95-3	ug/L	4/29/2025		<1.00
MW-31R	d	Ethylbenzene	100-41-4	ug/L	4/29/2025		<1.00
MW-31R	d	Iodomethane	74-88-4	ug/L	4/29/2025		<10.0
MW-31R	d	Methylene Chloride	75-09-2	ug/L	4/29/2025		<5.00
MW-31R	d	Styrene	100-42-5	ug/L	4/29/2025		<1.00
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	4/29/2025		<1.00
MW-31R	d	Toluene	108-88-3	ug/L	4/29/2025		<1.00
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/29/2025		<1.00
MW-31R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/29/2025		<5.00
MW-31R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/29/2025		<10.0
MW-31R	d	Trichloroethene	79-01-6	ug/L	4/29/2025		<1.00
MW-31R	d	Trichlorofluoromethane	75-69-4	ug/L	4/29/2025		<4.00
MW-31R	d	Vinyl Acetate	108-05-4	ug/L	4/29/2025		<10.0
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	4/29/2025		<1.00
MW-31R	d	Xylenes, total	1330-20-7	ug/L	4/29/2025		<3.00
MW-31R	d	Total Organic Carbon	TOC	mg/L	4/29/2025		4.18
MW-31R	d	Total Suspended Solids	TSS	mg/L	4/29/2025		33.5
MW-32R	d	Antimony	7440-36-0	mg/L	4/29/2025		<0.00200
MW-32R	d	Arsenic	7440-38-2	mg/L	4/29/2025	J	0.000643
MW-32R	d	Barium	7440-39-3	mg/L	4/29/2025		0.314
MW-32R	d	Beryllium	7440-41-7	mg/L	4/29/2025		<0.00100

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-32R	d	Cadmium	7440-43-9	mg/L	4/29/2025		<0.000200
MW-32R	d	Chromium	7440-47-3	mg/L	4/29/2025		<0.00500
MW-32R	d	Cobalt	7440-48-4	mg/L	4/29/2025		0.000611
MW-32R	d	Copper	7440-50-8	mg/L	4/29/2025		<0.00500
MW-32R	d	Lead	7439-92-1	mg/L	4/29/2025	J	0.000352
MW-32R	d	Nickel	7440-02-0	mg/L	4/29/2025		<0.00500
MW-32R	d	Selenium	7782-49-2	mg/L	4/29/2025		<0.00500
MW-32R	d	Silver	7440-22-4	mg/L	4/29/2025		<0.00100
MW-32R	d	Thallium	7440-28-0	mg/L	4/29/2025		<0.00100
MW-32R	d	Vanadium	7440-62-2	mg/L	4/29/2025	J	0.00281
MW-32R	d	Zinc	7440-66-6	mg/L	4/29/2025		<0.0200
MW-32R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/29/2025		<1.00
MW-32R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/29/2025		<1.00
MW-32R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/29/2025		<1.00
MW-32R	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/29/2025		<1.00
MW-32R	d	1,1-Dichloroethane	75-34-3	ug/L	4/29/2025		<1.00
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	4/29/2025		<2.00
MW-32R	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/29/2025		<1.00
MW-32R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/29/2025		<5.00
MW-32R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/29/2025		<1.00
MW-32R	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/29/2025		<1.00
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	4/29/2025		<1.00
MW-32R	d	1,2-Dichloropropane	78-87-5	ug/L	4/29/2025		<1.00
MW-32R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/29/2025		<1.00
MW-32R	d	2-Butanone	78-93-3	ug/L	4/29/2025		<10.0
MW-32R	d	2-Hexanone	591-78-6	ug/L	4/29/2025		<10.0
MW-32R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/29/2025		<10.0
MW-32R	d	Acetone	67-64-1	ug/L	4/29/2025		<10.0
MW-32R	d	Acrylonitrile	107-13-1	ug/L	4/29/2025		<5.00
MW-32R	d	Benzene	71-43-2	ug/L	4/29/2025		<0.500
MW-32R	d	Bromochloromethane	74-97-5	ug/L	4/29/2025		<5.00
MW-32R	d	Bromodichloromethane	75-27-4	ug/L	4/29/2025		<1.00
MW-32R	d	Bromoform	75-25-2	ug/L	4/29/2025		<5.00
MW-32R	d	Bromomethane	74-83-9	ug/L	4/29/2025		<4.00
MW-32R	d	Carbon Disulfide	75-15-0	ug/L	4/29/2025		<1.00
MW-32R	d	Carbon Tetrachloride	56-23-5	ug/L	4/29/2025		<2.00
MW-32R	d	Chlorobenzene	108-90-7	ug/L	4/29/2025		<1.00
MW-32R	d	Chlorodibromomethane	124-48-1	ug/L	4/29/2025		<5.00
MW-32R	d	Chloroethane	75-00-3	ug/L	4/29/2025		<4.00
MW-32R	d	Chloroform	67-66-3	ug/L	4/29/2025		<3.00
MW-32R	d	Chloromethane	74-87-3	ug/L	4/29/2025		<3.00
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/29/2025		<1.00
MW-32R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/29/2025		<5.00
MW-32R	d	Methylene Bromide	74-95-3	ug/L	4/29/2025		<1.00
MW-32R	d	Ethylbenzene	100-41-4	ug/L	4/29/2025		<1.00
MW-32R	d	Iodomethane	74-88-4	ug/L	4/29/2025		<10.0
MW-32R	d	Methylene Chloride	75-09-2	ug/L	4/29/2025		<5.00
MW-32R	d	Styrene	100-42-5	ug/L	4/29/2025		<1.00
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	4/29/2025		<1.00
MW-32R	d	Toluene	108-88-3	ug/L	4/29/2025		<1.00
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/29/2025		<1.00
MW-32R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/29/2025		<5.00
MW-32R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/29/2025		<10.0
MW-32R	d	Trichloroethene	79-01-6	ug/L	4/29/2025		<1.00
MW-32R	d	Trichlorofluoromethane	75-69-4	ug/L	4/29/2025		<4.00
MW-32R	d	Vinyl Acetate	108-05-4	ug/L	4/29/2025		<10.0
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	4/29/2025		<1.00
MW-32R	d	Xylenes, total	1330-20-7	ug/L	4/29/2025		<3.00
MW-32R	d	Total Organic Carbon	TOC	mg/L	4/29/2025		5.17
MW-32R	d	Total Suspended Solids	TSS	mg/L	4/29/2025		37
MW-33R	d	Antimony	7440-36-0	mg/L	4/29/2025		<0.00200
MW-33R	d	Arsenic	7440-38-2	mg/L	4/29/2025		0.00922
MW-33R	d	Barium	7440-39-3	mg/L	4/29/2025		0.648
MW-33R	d	Beryllium	7440-41-7	mg/L	4/29/2025		<0.00100
MW-33R	d	Cadmium	7440-43-9	mg/L	4/29/2025	J	0.000107
MW-33R	d	Chromium	7440-47-3	mg/L	4/29/2025		<0.00500
MW-33R	d	Cobalt	7440-48-4	mg/L	4/29/2025		0.00885
MW-33R	d	Copper	7440-50-8	mg/L	4/29/2025		<0.00500
MW-33R	d	Lead	7439-92-1	mg/L	4/29/2025		<0.000500
MW-33R	d	Nickel	7440-02-0	mg/L	4/29/2025	J	0.00467
MW-33R	d	Selenium	7782-49-2	mg/L	4/29/2025		<0.00500
MW-33R	d	Silver	7440-22-4	mg/L	4/29/2025		<0.00100
MW-33R	d	Thallium	7440-28-0	mg/L	4/29/2025		<0.00100
MW-33R	d	Vanadium	7440-62-2	mg/L	4/29/2025	J	0.00186
MW-33R	d	Zinc	7440-66-6	mg/L	4/29/2025		<0.0200
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/29/2025		<1.00
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/29/2025		<1.00
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/29/2025		<1.00
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/29/2025		<1.00
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	4/29/2025		<1.00
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	4/29/2025		<2.00
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/29/2025		<1.00
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/29/2025		<5.00
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/29/2025		<1.00
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/29/2025		<1.00
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	4/29/2025		<1.00
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	4/29/2025		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/29/2025		<1.00
MW-33R	d	2-Butanone	78-93-3	ug/L	4/29/2025		<10.0
MW-33R	d	2-Hexanone	591-78-6	ug/L	4/29/2025		<10.0
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/29/2025		<10.0
MW-33R	d	Acetone	67-64-1	ug/L	4/29/2025		<10.0
MW-33R	d	Acrylonitrile	107-13-1	ug/L	4/29/2025		<5.00
MW-33R	d	Benzene	71-43-2	ug/L	4/29/2025		<0.500
MW-33R	d	Bromochloromethane	74-97-5	ug/L	4/29/2025		<5.00
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	4/29/2025		<1.00
MW-33R	d	Bromoform	75-25-2	ug/L	4/29/2025		<5.00
MW-33R	d	Bromomethane	74-83-9	ug/L	4/29/2025		<4.00
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	4/29/2025		<1.00
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	4/29/2025		<2.00
MW-33R	d	Chlorobenzene	108-90-7	ug/L	4/29/2025		<1.00
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	4/29/2025		<5.00
MW-33R	d	Chloroethane	75-00-3	ug/L	4/29/2025		<4.00
MW-33R	d	Chloroform	67-66-3	ug/L	4/29/2025		<3.00
MW-33R	d	Chloromethane	74-87-3	ug/L	4/29/2025		<3.00
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/29/2025		<1.00
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/29/2025		<5.00
MW-33R	d	Methylene Bromide	74-95-3	ug/L	4/29/2025		<1.00
MW-33R	d	Ethylbenzene	100-41-4	ug/L	4/29/2025		<1.00
MW-33R	d	Iodomethane	74-88-4	ug/L	4/29/2025		<10.0
MW-33R	d	Methylene Chloride	75-09-2	ug/L	4/29/2025		<5.00
MW-33R	d	Styrene	100-42-5	ug/L	4/29/2025		<1.00
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	4/29/2025		<1.00
MW-33R	d	Toluene	108-88-3	ug/L	4/29/2025		<1.00
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/29/2025		<1.00
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/29/2025		<5.00
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/29/2025		<10.0
MW-33R	d	Trichloroethene	79-01-6	ug/L	4/29/2025		<1.00
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	4/29/2025		<4.00
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	4/29/2025		<10.0
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	4/29/2025		<1.00
MW-33R	d	Xylenes, total	1330-20-7	ug/L	4/29/2025		<3.00
MW-33R	d	Total Organic Carbon	TOC	mg/L	4/29/2025		2.24
MW-33R	d	Total Suspended Solids	TSS	mg/L	4/29/2025		21.7
MW-39	d	Antimony	7440-36-0	mg/L	4/29/2025		<0.00200
MW-39	d	Arsenic	7440-38-2	mg/L	4/29/2025		<0.00200
MW-39	d	Barium	7440-39-3	mg/L	4/29/2025		0.0498
MW-39	d	Beryllium	7440-41-7	mg/L	4/29/2025		<0.00100
MW-39	d	Cadmium	7440-43-9	mg/L	4/29/2025		<0.000200
MW-39	d	Chromium	7440-47-3	mg/L	4/29/2025		<0.00500
MW-39	d	Cobalt	7440-48-4	mg/L	4/29/2025		0.00339
MW-39	d	Copper	7440-50-8	mg/L	4/29/2025		<0.00500
MW-39	d	Lead	7439-92-1	mg/L	4/29/2025		<0.000500
MW-39	d	Nickel	7440-02-0	mg/L	4/29/2025	J	0.0045
MW-39	d	Selenium	7782-49-2	mg/L	4/29/2025		<0.00500
MW-39	d	Silver	7440-22-4	mg/L	4/29/2025		<0.00100
MW-39	d	Thallium	7440-28-0	mg/L	4/29/2025		<0.00100
MW-39	d	Vanadium	7440-62-2	mg/L	4/29/2025		<0.00500
MW-39	d	Zinc	7440-66-6	mg/L	4/29/2025		<0.0200
MW-39	d	Mercury	7439-97-6	mg/L	4/29/2025	^+	<0.000200
MW-39	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/29/2025		<1.00
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/29/2025		<1.00
MW-39	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/29/2025		<1.00
MW-39	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/29/2025		<1.00
MW-39	d	1,1-Dichloroethane	75-34-3	ug/L	4/29/2025		<1.00
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	4/29/2025		<2.00
MW-39	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/29/2025		<1.00
MW-39	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/29/2025		<5.00
MW-39	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/29/2025		<1.00
MW-39	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/29/2025		<1.00
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	4/29/2025		<1.00
MW-39	d	1,2-Dichloropropane	78-87-5	ug/L	4/29/2025		<1.00
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/29/2025		<1.00
MW-39	d	2-Butanone	78-93-3	ug/L	4/29/2025		<10.0
MW-39	d	2-Hexanone	591-78-6	ug/L	4/29/2025		<10.0
MW-39	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/29/2025		<10.0
MW-39	d	Acetone	67-64-1	ug/L	4/29/2025		<10.0
MW-39	d	Acrylonitrile	107-13-1	ug/L	4/29/2025		<5.00
MW-39	d	Benzene	71-43-2	ug/L	4/29/2025		<0.500
MW-39	d	Bromochloromethane	74-97-5	ug/L	4/29/2025		<5.00
MW-39	d	Bromodichloromethane	75-27-4	ug/L	4/29/2025		<1.00
MW-39	d	Bromoform	75-25-2	ug/L	4/29/2025		<5.00
MW-39	d	Bromomethane	74-83-9	ug/L	4/29/2025		<4.00
MW-39	d	Carbon Disulfide	75-15-0	ug/L	4/29/2025		<1.00
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	4/29/2025		<2.00
MW-39	d	Chlorobenzene	108-90-7	ug/L	4/29/2025		<1.00
MW-39	d	Chlorodibromomethane	124-48-1	ug/L	4/29/2025		<5.00
MW-39	d	Chloroethane	75-00-3	ug/L	4/29/2025		<4.00
MW-39	d	Chloroform	67-66-3	ug/L	4/29/2025		<3.00
MW-39	d	Chloromethane	74-87-3	ug/L	4/29/2025		<3.00
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/29/2025		<1.00
MW-39	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/29/2025		<5.00
MW-39	d	Methylene Bromide	74-95-3	ug/L	4/29/2025		<1.00
MW-39	d	Ethylbenzene	100-41-4	ug/L	4/29/2025		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	Iodomethane	74-88-4	ug/L	4/29/2025		<10.0
MW-39	d	Methylene Chloride	75-09-2	ug/L	4/29/2025		<5.00
MW-39	d	Styrene	100-42-5	ug/L	4/29/2025		<1.00
MW-39	d	Tetrachloroethene	127-18-4	ug/L	4/29/2025		<1.00
MW-39	d	Toluene	108-88-3	ug/L	4/29/2025		<1.00
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/29/2025		<1.00
MW-39	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/29/2025		<5.00
MW-39	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/29/2025		<10.0
MW-39	d	Trichloroethene	79-01-6	ug/L	4/29/2025		<1.00
MW-39	d	Trichlorofluoromethane	75-69-4	ug/L	4/29/2025		<4.00
MW-39	d	Vinyl Acetate	108-05-4	ug/L	4/29/2025		<10.0
MW-39	d	Vinyl Chloride	75-01-4	ug/L	4/29/2025		<1.00
MW-39	d	Xylenes, total	1330-20-7	ug/L	4/29/2025		<3.00
MW-39	d	Total Suspended Solids	TSS	mg/L	4/29/2025		<1.88
MW-55	d	Antimony	7440-36-0	mg/L	4/29/2025		<0.00200
MW-55	d	Arsenic	7440-38-2	mg/L	4/29/2025		<0.00200
MW-55	d	Barium	7440-39-3	mg/L	4/29/2025		0.0411
MW-55	d	Beryllium	7440-41-7	mg/L	4/29/2025		<0.00100
MW-55	d	Cadmium	7440-43-9	mg/L	4/29/2025		<0.000200
MW-55	d	Chromium	7440-47-3	mg/L	4/29/2025		<0.00500
MW-55	d	Cobalt	7440-48-4	mg/L	4/29/2025		<0.000500
MW-55	d	Copper	7440-50-8	mg/L	4/29/2025		<0.00500
MW-55	d	Lead	7439-92-1	mg/L	4/29/2025		<0.000500
MW-55	d	Nickel	7440-02-0	mg/L	4/29/2025		<0.00500
MW-55	d	Selenium	7782-49-2	mg/L	4/29/2025		<0.00500
MW-55	d	Silver	7440-22-4	mg/L	4/29/2025		<0.00100
MW-55	d	Thallium	7440-28-0	mg/L	4/29/2025		<0.00100
MW-55	d	Tin	7440-31-5	mg/L	4/29/2025		<0.00500
MW-55	d	Vanadium	7440-62-2	mg/L	4/29/2025		<0.00500
MW-55	d	Zinc	7440-66-6	mg/L	4/29/2025		<0.0200
MW-55	d	Mercury	7439-97-6	mg/L	4/29/2025	^+	<0.000200
MW-55	d	Acetonitrile	75-05-8	mg/L	4/29/2025		<10.0
MW-55	d	Isobutanol	78-83-1	mg/L	4/29/2025		<10.0
MW-55	d	Aldrin	309-00-2	ug/L	4/29/2025		<0.0904
MW-55	d	Alpha-BHC	319-84-6	ug/L	4/29/2025		<0.0904
MW-55	d	Beta-BHC	319-85-7	ug/L	4/29/2025		<0.0904
MW-55	d	Gamma-BHC [Lindane]	58-89-9	ug/L	4/29/2025		<0.0904
MW-55	d	Chlordane	57-74-9	ug/L	4/29/2025		<1.81
MW-55	d	Delta-BHC	319-86-8	ug/L	4/29/2025		<0.0904
MW-55	d	Dieldrin	60-57-1	ug/L	4/29/2025		<0.0904
MW-55	d	4,4`-DDD	72-54-8	ug/L	4/29/2025		<0.0904
MW-55	d	4,4`-DDE	72-55-9	ug/L	4/29/2025		<0.0904
MW-55	d	4,4`-DDT	50-29-3	ug/L	4/29/2025		<0.0904
MW-55	d	Endosulfan I	959-98-8	ug/L	4/29/2025		<0.0904
MW-55	d	Endosulfan II	33213-65-9	ug/L	4/29/2025		<0.0904
MW-55	d	Endosulfan sulfate	1031-07-8	ug/L	4/29/2025		<0.0904
MW-55	d	Endrin	72-20-8	ug/L	4/29/2025		<0.0904
MW-55	d	Endrin aldehyde	7421-93-4	ug/L	4/29/2025		<0.0904
MW-55	d	Heptachlor	76-44-8	ug/L	4/29/2025		<0.0904
MW-55	d	Heptachlor Epoxide	1024-57-3	ug/L	4/29/2025		<0.0904
MW-55	d	Methoxychlor	72-43-5	ug/L	4/29/2025		<0.0904
MW-55	d	Toxaphene	8001-35-2	ug/L	4/29/2025		<1.81
MW-55	d	PCB-1016	12674-11-2	ug/L	4/29/2025		<1.81
MW-55	d	PCB-1221	11104-28-2	ug/L	4/29/2025		<1.81
MW-55	d	PCB-1232	11141-16-5	ug/L	4/29/2025		<1.81
MW-55	d	PCB-1242	53469-21-9	ug/L	4/29/2025		<1.81
MW-55	d	PCB-1248	12672-29-6	ug/L	4/29/2025		<1.81
MW-55	d	PCB-1254	11097-69-1	ug/L	4/29/2025		<1.81
MW-55	d	PCB-1260	11096-82-5	ug/L	4/29/2025		<1.81
MW-55	d	PCB-1268	11100-14-4	ug/L	4/29/2025		<1.81
MW-55	d	2,4,5-T	93-76-5	ug/L	4/29/2025		<0.151
MW-55	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	4/29/2025		<0.0503
MW-55	d	2,4-D [2C]	94-75-7	ug/L	4/29/2025		<0.604
MW-55	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/29/2025		<1.00
MW-55	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/29/2025		<1.00
MW-55	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/29/2025		<1.00
MW-55	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/29/2025		<1.00
MW-55	d	1,1-Dichloroethane	75-34-3	ug/L	4/29/2025		<1.00
MW-55	d	1,1-Dichloroethene	75-35-4	ug/L	4/29/2025		<2.00
MW-55	d	1,1-Dichloropropene	563-58-6	ug/L	4/29/2025		<1.00
MW-55	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/29/2025		<1.00
MW-55	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	4/29/2025		<5.00
MW-55	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/29/2025		<5.00
MW-55	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/29/2025		<1.00
MW-55	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/29/2025		<1.00
MW-55	d	1,2-Dichloroethane	107-06-2	ug/L	4/29/2025		<1.00
MW-55	d	1,2-Dichloropropane	78-87-5	ug/L	4/29/2025		<1.00
MW-55	d	1,3-Dichlorobenzene	541-73-1	ug/L	4/29/2025		<1.00
MW-55	d	1,3-Dichloropropane	142-28-9	ug/L	4/29/2025		<1.00
MW-55	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/29/2025		<1.00
MW-55	d	2,2-Dichloropropane	594-20-7	ug/L	4/29/2025		<4.00
MW-55	d	2-Butanone	78-93-3	ug/L	4/29/2025		<10.0
MW-55	d	2-Hexanone	591-78-6	ug/L	4/29/2025		<10.0
MW-55	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/29/2025		<10.0
MW-55	d	Acetone	67-64-1	ug/L	4/29/2025		<10.0
MW-55	d	Acrolein	107-02-8	ug/L	4/29/2025		<10.0
MW-55	d	Acrylonitrile	107-13-1	ug/L	4/29/2025		<5.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-55	d	3-Chloropropene	107-05-1	ug/L	4/29/2025		<2.00
MW-55	d	Benzene	71-43-2	ug/L	4/29/2025		<0.500
MW-55	d	Bromochloromethane	74-97-5	ug/L	4/29/2025		<5.00
MW-55	d	Bromodichloromethane	75-27-4	ug/L	4/29/2025		<1.00
MW-55	d	Bromoform	75-25-2	ug/L	4/29/2025		<5.00
MW-55	d	Bromomethane	74-83-9	ug/L	4/29/2025		<4.00
MW-55	d	Carbon Disulfide	75-15-0	ug/L	4/29/2025		<1.00
MW-55	d	Carbon Tetrachloride	56-23-5	ug/L	4/29/2025		<2.00
MW-55	d	Chlorobenzene	108-90-7	ug/L	4/29/2025		<1.00
MW-55	d	Chlorodibromomethane	124-48-1	ug/L	4/29/2025		<5.00
MW-55	d	Chloroethane	75-00-3	ug/L	4/29/2025		<4.00
MW-55	d	Chloroform	67-66-3	ug/L	4/29/2025		<3.00
MW-55	d	Chloromethane	74-87-3	ug/L	4/29/2025		<3.00
MW-55	d	Chloroprene	126-99-8	ug/L	4/29/2025		<1.00
MW-55	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/29/2025		<1.00
MW-55	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/29/2025		<5.00
MW-55	d	Methylene Bromide	74-95-3	ug/L	4/29/2025		<1.00
MW-55	d	Dichlorodifluoromethane	75-71-8	ug/L	4/29/2025		<3.00
MW-55	d	Ethyl Methacrylate	97-63-2	ug/L	4/29/2025		<2.00
MW-55	d	Ethylbenzene	100-41-4	ug/L	4/29/2025		<1.00
MW-55	d	Iodomethane	74-88-4	ug/L	4/29/2025		<10.0
MW-55	d	Methacrylonitrile	126-98-7	ug/L	4/29/2025		<10.0
MW-55	d	Methyl Methacrylate	80-62-6	ug/L	4/29/2025		<2.00
MW-55	d	Methylene Chloride	75-09-2	ug/L	4/29/2025		<5.00
MW-55	d	Naphthalene	91-20-3	ug/L	4/29/2025		<5.00
MW-55	d	Propionitrile	107-12-0	ug/L	4/29/2025		<10.0
MW-55	d	Styrene	100-42-5	ug/L	4/29/2025		<1.00
MW-55	d	Tetrachloroethene	127-18-4	ug/L	4/29/2025		<1.00
MW-55	d	Toluene	108-88-3	ug/L	4/29/2025		<1.00
MW-55	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/29/2025		<1.00
MW-55	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/29/2025		<5.00
MW-55	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/29/2025		<10.0
MW-55	d	Trichloroethene	79-01-6	ug/L	4/29/2025		<1.00
MW-55	d	Trichlorofluoromethane	75-69-4	ug/L	4/29/2025		<4.00
MW-55	d	Vinyl Acetate	108-05-4	ug/L	4/29/2025		<10.0
MW-55	d	Vinyl Chloride	75-01-4	ug/L	4/29/2025		<1.00
MW-55	d	Xylenes, total	1330-20-7	ug/L	4/29/2025		<3.00
MW-55	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/29/2025		<10.0
MW-55	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	4/29/2025		<10.0
MW-55	d	1,3-Dinitrobenzene	99-65-0	ug/L	4/29/2025		<10.0
MW-55	d	1,4-Naphthoquinone	130-15-4	ug/L	4/29/2025		<10.0
MW-55	d	1,4-Phenylenediamine	106-50-3	ug/L	4/29/2025	*- *1	<10.0
MW-55	d	1-Naphthylamine	134-32-7	ug/L	4/29/2025		<10.0
MW-55	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/29/2025		<10.0
MW-55	d	2,4,5-Trichlorophenol	95-95-4	ug/L	4/29/2025		<10.0
MW-55	d	2,4,6-Trichlorophenol	88-06-2	ug/L	4/29/2025		<10.0
MW-55	d	2,4-Dichlorophenol	120-83-2	ug/L	4/29/2025		<10.0
MW-55	d	2,4-Dimethylphenol	105-67-9	ug/L	4/29/2025		<10.0
MW-55	d	2,4-Dinitrophenol	51-28-5	ug/L	4/29/2025		<20.0
MW-55	d	2,4-Dinitrotoluene	121-14-2	ug/L	4/29/2025		<10.0
MW-55	d	2,6-Dichlorophenol	87-65-0	ug/L	4/29/2025		<10.0
MW-55	d	2,6-Dinitrotoluene	606-20-2	ug/L	4/29/2025		<10.0
MW-55	d	2-Acetylaminofluorene	53-96-3	ug/L	4/29/2025	*1	<10.0
MW-55	d	2-Chloronaphthalene	91-58-7	ug/L	4/29/2025		<10.0
MW-55	d	2-Chlorophenol	95-57-8	ug/L	4/29/2025		<10.0
MW-55	d	2-Methylnaphthalene	91-57-6	ug/L	4/29/2025		<10.0
MW-55	d	2-Methylphenol	95-48-7	ug/L	4/29/2025		<10.0
MW-55	d	2-Naphthylamine	91-59-8	ug/L	4/29/2025	*1	<10.0
MW-55	d	2-Nitroaniline	88-74-4	ug/L	4/29/2025		<10.0
MW-55	d	2-Nitrophenol	88-75-5	ug/L	4/29/2025		<10.0
MW-55	d	3,3-Dichlorobenzidine	91-94-1	ug/L	4/29/2025		<10.0
MW-55	d	3,3-Dimethylbenzidine	119-93-7	ug/L	4/29/2025	*- *1	<10.0
MW-55	d	3-Methylcholanthrene	56-49-5	ug/L	4/29/2025		<10.0
MW-55	d	3-Nitroaniline	99-09-2	ug/L	4/29/2025		<10.0
MW-55	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/29/2025		<10.0
MW-55	d	4-Aminobiphenyl	92-67-1	ug/L	4/29/2025	*1	<10.0
MW-55	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	4/29/2025		<10.0
MW-55	d	4-Chloro-3-methylphenol	59-50-7	ug/L	4/29/2025		<10.0
MW-55	d	4-Chloroaniline	106-47-8	ug/L	4/29/2025	*1	<10.0
MW-55	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/29/2025		<10.0
MW-55	d	3/4-Methylphenol	T-34MP	ug/L	4/29/2025		<10.0
MW-55	d	4-Nitroaniline	100-01-6	ug/L	4/29/2025		<10.0
MW-55	d	4-Nitrophenol	100-02-7	ug/L	4/29/2025		<10.0
MW-55	d	5-Nitro-o-toluidine	99-55-8	ug/L	4/29/2025		<10.0
MW-55	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	4/29/2025		<10.0
MW-55	d	Acenaphthene	83-32-9	ug/L	4/29/2025		<10.0
MW-55	d	Acenaphthylene	208-96-8	ug/L	4/29/2025		<10.0
MW-55	d	Acetophenone	98-86-2	ug/L	4/29/2025		<10.0
MW-55	d	Anthracene	120-12-7	ug/L	4/29/2025		<10.0
MW-55	d	Benzo [a] anthracene	56-55-3	ug/L	4/29/2025		<10.0
MW-55	d	Benzo [a] pyrene	50-32-8	ug/L	4/29/2025	*+	<10.0
MW-55	d	Benzo [b] fluoranthene	205-99-2	ug/L	4/29/2025		<10.0
MW-55	d	Benzo [g,h,i] perylene	191-24-2	ug/L	4/29/2025		<10.0
MW-55	d	Benzo [k] fluoranthene	207-08-9	ug/L	4/29/2025		<10.0
MW-55	d	Benzyl alcohol	100-51-6	ug/L	4/29/2025		<10.0
MW-55	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	4/29/2025		<10.0
MW-55	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	4/29/2025		<10.0

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-55	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	4/29/2025		<10.0
MW-55	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/29/2025	*+	<10.0
MW-55	d	Butyl benzyl phthalate	85-68-7	ug/L	4/29/2025		<10.0
MW-55	d	Chlorobenzilate	510-15-6	ug/L	4/29/2025		<10.0
MW-55	d	Chrysene	218-01-9	ug/L	4/29/2025		<10.0
MW-55	d	Diallate [cis or trans]	2303-16-4	ug/L	4/29/2025		<10.0
MW-55	d	Dibenz [a,h] anthracene	53-70-3	ug/L	4/29/2025		<10.0
MW-55	d	Dibenzofuran	132-64-9	ug/L	4/29/2025		<10.0
MW-55	d	Diethyl phthalate	84-66-2	ug/L	4/29/2025		<10.0
MW-55	d	Dimethoate	60-51-5	ug/L	4/29/2025	*+	<10.0
MW-55	d	Dimethyl phthalate	131-11-3	ug/L	4/29/2025		<10.0
MW-55	d	Di-n-butyl phthalate	84-74-2	ug/L	4/29/2025		<10.0
MW-55	d	Di-n-octyl phthalate	117-84-0	ug/L	4/29/2025		<20.0
MW-55	d	Diphenylamine	122-39-4	ug/L	4/29/2025	*+	<10.0
MW-55	d	Disulfoton	298-04-4	ug/L	4/29/2025		<10.0
MW-55	d	Ethyl Methanesulfonate	62-50-0	ug/L	4/29/2025		<10.0
MW-55	d	Parathion-Ethyl	56-38-2	ug/L	4/29/2025	*1	<10.0
MW-55	d	Famphur	52-85-7	ug/L	4/29/2025		<10.0
MW-55	d	Fluoranthene	206-44-0	ug/L	4/29/2025		<10.0
MW-55	d	Fluorene	86-73-7	ug/L	4/29/2025		<10.0
MW-55	d	Hexachlorobenzene	118-74-1	ug/L	4/29/2025		<10.0
MW-55	d	Hexachlorobutadiene	87-68-3	ug/L	4/29/2025		<10.0
MW-55	d	Hexachlorocyclopentadiene	77-47-4	ug/L	4/29/2025		<10.0
MW-55	d	Hexachloroethane	67-72-1	ug/L	4/29/2025		<10.0
MW-55	d	Hexachloropropene	1888-71-7	ug/L	4/29/2025		<10.0
MW-55	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	4/29/2025		<10.0
MW-55	d	Isodrin	465-73-6	ug/L	4/29/2025		<10.0
MW-55	d	Isophorone	78-59-1	ug/L	4/29/2025		<10.0
MW-55	d	Isosafrole	120-58-1	ug/L	4/29/2025		<10.0
MW-55	d	Kepone	143-50-0	ug/L	4/29/2025	*+	<10.0
MW-55	d	Methapyrilene	91-80-5	ug/L	4/29/2025	*1	<10.0
MW-55	d	Methyl Methanesulfonate	66-27-3	ug/L	4/29/2025		<10.0
MW-55	d	Parathion-Methyl	298-00-0	ug/L	4/29/2025		<10.0
MW-55	d	Nitrobenzene	98-95-3	ug/L	4/29/2025		<10.0
MW-55	d	N-Nitrosodiethylamine	55-18-5	ug/L	4/29/2025		<10.0
MW-55	d	N-Nitrosodimethylamine	62-75-9	ug/L	4/29/2025		<10.0
MW-55	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/29/2025		<10.0
MW-55	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/29/2025		<10.0
MW-55	d	N-Nitrosodiphenylamine	86-30-6	ug/L	4/29/2025	*+	<10.0
MW-55	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	4/29/2025		<10.0
MW-55	d	N-Nitrosopiperidine	100-75-4	ug/L	4/29/2025		<10.0
MW-55	d	N-Nitrosopyrrolidine	930-55-2	ug/L	4/29/2025		<10.0
MW-55	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	4/29/2025		<10.0
MW-55	d	O-Toluidine	95-53-4	ug/L	4/29/2025		<10.0
MW-55	d	Dimethylaminoazobenzene	60-11-7	ug/L	4/29/2025		<10.0
MW-55	d	Pentachlorobenzene	608-93-5	ug/L	4/29/2025		<10.0
MW-55	d	Pentachloronitrobenzene	82-68-8	ug/L	4/29/2025		<10.0
MW-55	d	Pentachlorophenol [2C]	87-86-5	ug/L	4/29/2025		<10.0
MW-55	d	Phenacetin	62-44-2	ug/L	4/29/2025		<10.0
MW-55	d	Phenanthrene	85-01-8	ug/L	4/29/2025		<10.0
MW-55	d	Phenol	108-95-2	ug/L	4/29/2025		<10.0
MW-55	d	Phorate	298-02-2	ug/L	4/29/2025		<10.0
MW-55	d	Pronamide	23950-58-5	ug/L	4/29/2025		<10.0
MW-55	d	Pyrene	129-00-0	ug/L	4/29/2025		<10.0
MW-55	d	Safrole	94-59-7	ug/L	4/29/2025		<10.0
MW-55	d	Thionazin	297-97-2	ug/L	4/29/2025		<10.0
MW-55	d	Cyanide	57-12-5	mg/L	4/29/2025		<0.0100
MW-55	d	Sulfide	18496-25-8	mg/L	4/29/2025	H	<1.00
MW-55	d	Total Suspended Solids	TSS	mg/L	4/29/2025	J	1.5
MW-56	d	Antimony	7440-36-0	mg/L	4/29/2025		<0.00200
MW-56	d	Arsenic	7440-38-2	mg/L	4/29/2025		0.00568
MW-56	d	Barium	7440-39-3	mg/L	4/29/2025		0.303
MW-56	d	Beryllium	7440-41-7	mg/L	4/29/2025		<0.00100
MW-56	d	Cadmium	7440-43-9	mg/L	4/29/2025	J	0.000129
MW-56	d	Chromium	7440-47-3	mg/L	4/29/2025		<0.00500
MW-56	d	Cobalt	7440-48-4	mg/L	4/29/2025		0.0129
MW-56	d	Copper	7440-50-8	mg/L	4/29/2025	J	0.00367
MW-56	d	Lead	7439-92-1	mg/L	4/29/2025		<0.000500
MW-56	d	Nickel	7440-02-0	mg/L	4/29/2025		0.0153
MW-56	d	Selenium	7782-49-2	mg/L	4/29/2025		<0.00500
MW-56	d	Silver	7440-22-4	mg/L	4/29/2025		<0.00100
MW-56	d	Thallium	7440-28-0	mg/L	4/29/2025		<0.00100
MW-56	d	Vanadium	7440-62-2	mg/L	4/29/2025		<0.00500
MW-56	d	Zinc	7440-66-6	mg/L	4/29/2025		<0.0200
MW-56	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/29/2025		<1.00
MW-56	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/29/2025		<1.00
MW-56	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/29/2025		<1.00
MW-56	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/29/2025		<1.00
MW-56	d	1,1-Dichloroethane	75-34-3	ug/L	4/29/2025		<1.00
MW-56	d	1,1-Dichloroethene	75-35-4	ug/L	4/29/2025		<2.00
MW-56	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/29/2025		<1.00
MW-56	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/29/2025		<5.00
MW-56	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/29/2025		<1.00
MW-56	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/29/2025		<1.00
MW-56	d	1,2-Dichloroethane	107-06-2	ug/L	4/29/2025		<1.00
MW-56	d	1,2-Dichloropropane	78-87-5	ug/L	4/29/2025		<1.00
MW-56	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/29/2025		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-56	d	2-Butanone	78-93-3	ug/L	4/29/2025		<10.0
MW-56	d	2-Hexanone	591-78-6	ug/L	4/29/2025		<10.0
MW-56	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/29/2025		<10.0
MW-56	d	Acetone	67-64-1	ug/L	4/29/2025		<10.0
MW-56	d	Acrylonitrile	107-13-1	ug/L	4/29/2025		<5.00
MW-56	d	Benzene	71-43-2	ug/L	4/29/2025		<0.500
MW-56	d	Bromochloromethane	74-97-5	ug/L	4/29/2025		<5.00
MW-56	d	Bromodichloromethane	75-27-4	ug/L	4/29/2025		<1.00
MW-56	d	Bromoform	75-25-2	ug/L	4/29/2025		<5.00
MW-56	d	Bromomethane	74-83-9	ug/L	4/29/2025		<4.00
MW-56	d	Carbon Disulfide	75-15-0	ug/L	4/29/2025		<1.00
MW-56	d	Carbon Tetrachloride	56-23-5	ug/L	4/29/2025		<2.00
MW-56	d	Chlorobenzene	108-90-7	ug/L	4/29/2025		<1.00
MW-56	d	Chlorodibromomethane	124-48-1	ug/L	4/29/2025		<5.00
MW-56	d	Chloroethane	75-00-3	ug/L	4/29/2025		<4.00
MW-56	d	Chloroform	67-66-3	ug/L	4/29/2025		<3.00
MW-56	d	Chloromethane	74-87-3	ug/L	4/29/2025		<3.00
MW-56	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/29/2025		<1.00
MW-56	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/29/2025		<5.00
MW-56	d	Methylene Bromide	74-95-3	ug/L	4/29/2025		<1.00
MW-56	d	Ethylbenzene	100-41-4	ug/L	4/29/2025		<1.00
MW-56	d	Iodomethane	74-88-4	ug/L	4/29/2025		<10.0
MW-56	d	Methylene Chloride	75-09-2	ug/L	4/29/2025		<5.00
MW-56	d	Styrene	100-42-5	ug/L	4/29/2025		<1.00
MW-56	d	Tetrachloroethene	127-18-4	ug/L	4/29/2025		<1.00
MW-56	d	Toluene	108-88-3	ug/L	4/29/2025		<1.00
MW-56	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/29/2025		<1.00
MW-56	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/29/2025		<5.00
MW-56	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/29/2025		<10.0
MW-56	d	Trichloroethene	79-01-6	ug/L	4/29/2025		<1.00
MW-56	d	Trichlorofluoromethane	75-69-4	ug/L	4/29/2025		<4.00
MW-56	d	Vinyl Acetate	108-05-4	ug/L	4/29/2025		<10.0
MW-56	d	Vinyl Chloride	75-01-4	ug/L	4/29/2025		<1.00
MW-56	d	Xylenes, total	1330-20-7	ug/L	4/29/2025		<3.00
MW-56	d	Total Suspended Solids	TSS	mg/L	4/29/2025		3.8
MW-57R	d	Antimony	7440-36-0	mg/L	4/29/2025		<0.00200
MW-57R	d	Arsenic	7440-38-2	mg/L	4/29/2025	J	0.00185
MW-57R	d	Barium	7440-39-3	mg/L	4/29/2025		0.22
MW-57R	d	Beryllium	7440-41-7	mg/L	4/29/2025		<0.00100
MW-57R	d	Cadmium	7440-43-9	mg/L	4/29/2025		0.000859
MW-57R	d	Chromium	7440-47-3	mg/L	4/29/2025	J	0.00335
MW-57R	d	Cobalt	7440-48-4	mg/L	4/29/2025		0.00427
MW-57R	d	Copper	7440-50-8	mg/L	4/29/2025		0.00634
MW-57R	d	Lead	7439-92-1	mg/L	4/29/2025		0.00156
MW-57R	d	Nickel	7440-02-0	mg/L	4/29/2025		0.0159
MW-57R	d	Selenium	7782-49-2	mg/L	4/29/2025		<0.00500
MW-57R	d	Silver	7440-22-4	mg/L	4/29/2025		<0.00100
MW-57R	d	Thallium	7440-28-0	mg/L	4/29/2025		<0.00100
MW-57R	d	Tin	7440-31-5	mg/L	4/29/2025		<0.00500
MW-57R	d	Vanadium	7440-62-2	mg/L	4/29/2025		0.00782
MW-57R	d	Zinc	7440-66-6	mg/L	4/29/2025		0.0231
MW-57R	d	Mercury	7439-97-6	mg/L	4/29/2025	^+	<0.000200
MW-57R	d	Acetonitrile	75-05-8	mg/L	4/29/2025		<10.0
MW-57R	d	Isobutanol	78-83-1	mg/L	4/29/2025		<10.0
MW-57R	d	Aldrin	309-00-2	ug/L	4/29/2025		<0.0882
MW-57R	d	Alpha-BHC	319-84-6	ug/L	4/29/2025		<0.0882
MW-57R	d	Beta-BHC	319-85-7	ug/L	4/29/2025		<0.0882
MW-57R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	4/29/2025		<0.0882
MW-57R	d	Chlordane	57-74-9	ug/L	4/29/2025		<1.76
MW-57R	d	Delta-BHC	319-86-8	ug/L	4/29/2025		<0.0882
MW-57R	d	Dieldrin	60-57-1	ug/L	4/29/2025		<0.0882
MW-57R	d	4,4`-DDD	72-54-8	ug/L	4/29/2025		<0.0882
MW-57R	d	4,4`-DDE	72-55-9	ug/L	4/29/2025		<0.0882
MW-57R	d	4,4`-DDT	50-29-3	ug/L	4/29/2025		<0.0882
MW-57R	d	Endosulfan I	959-98-8	ug/L	4/29/2025		<0.0882
MW-57R	d	Endosulfan II	33213-65-9	ug/L	4/29/2025		<0.0882
MW-57R	d	Endosulfan sulfate	1031-07-8	ug/L	4/29/2025		<0.0882
MW-57R	d	Endrin	72-20-8	ug/L	4/29/2025		<0.0882
MW-57R	d	Endrin aldehyde	7421-93-4	ug/L	4/29/2025		<0.0882
MW-57R	d	Heptachlor	76-44-8	ug/L	4/29/2025		<0.0882
MW-57R	d	Heptachlor Epoxide	1024-57-3	ug/L	4/29/2025		<0.0882
MW-57R	d	Methoxychlor	72-43-5	ug/L	4/29/2025		<0.0882
MW-57R	d	Toxaphene	8001-35-2	ug/L	4/29/2025		<1.76
MW-57R	d	PCB-1016	12674-11-2	ug/L	4/29/2025		<1.76
MW-57R	d	PCB-1221	11104-28-2	ug/L	4/29/2025		<1.76
MW-57R	d	PCB-1232	11141-16-5	ug/L	4/29/2025		<1.76
MW-57R	d	PCB-1242	53469-21-9	ug/L	4/29/2025		<1.76
MW-57R	d	PCB-1248	12672-29-6	ug/L	4/29/2025		<1.76
MW-57R	d	PCB-1254	11097-69-1	ug/L	4/29/2025		<1.76
MW-57R	d	PCB-1260	11096-82-5	ug/L	4/29/2025		<1.76
MW-57R	d	PCB-1268	11100-14-4	ug/L	4/29/2025		<1.76
MW-57R	d	2,4,5-T	93-76-5	ug/L	4/29/2025		<0.159
MW-57R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	4/29/2025		<0.0531
MW-57R	d	2,4-D [2C]	94-75-7	ug/L	4/29/2025		<0.637
MW-57R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/29/2025		<1.00
MW-57R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/29/2025		<1.00
MW-57R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/29/2025		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57R	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/29/2025		<1.00
MW-57R	d	1,1-Dichloroethane	75-34-3	ug/L	4/29/2025		<1.00
MW-57R	d	1,1-Dichloroethene	75-35-4	ug/L	4/29/2025		<2.00
MW-57R	d	1,1-Dichloropropene	563-58-6	ug/L	4/29/2025		<1.00
MW-57R	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/29/2025		<1.00
MW-57R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	4/29/2025		<5.00
MW-57R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/29/2025		<5.00
MW-57R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/29/2025		<1.00
MW-57R	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/29/2025		<1.00
MW-57R	d	1,2-Dichloroethane	107-06-2	ug/L	4/29/2025		<1.00
MW-57R	d	1,2-Dichloropropane	78-87-5	ug/L	4/29/2025		<1.00
MW-57R	d	1,3-Dichlorobenzene	541-73-1	ug/L	4/29/2025		<1.00
MW-57R	d	1,3-Dichloropropane	142-28-9	ug/L	4/29/2025		<1.00
MW-57R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/29/2025		<1.00
MW-57R	d	2,2-Dichloropropane	594-20-7	ug/L	4/29/2025		<4.00
MW-57R	d	2-Butanone	78-93-3	ug/L	4/29/2025		<10.0
MW-57R	d	2-Hexanone	591-78-6	ug/L	4/29/2025		<10.0
MW-57R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/29/2025		<10.0
MW-57R	d	Acetone	67-64-1	ug/L	4/29/2025		<10.0
MW-57R	d	Acrolein	107-02-8	ug/L	4/29/2025		<10.0
MW-57R	d	Acrylonitrile	107-13-1	ug/L	4/29/2025		<5.00
MW-57R	d	3-Chloropropene	107-05-1	ug/L	4/29/2025		<2.00
MW-57R	d	Benzene	71-43-2	ug/L	4/29/2025		<0.500
MW-57R	d	Bromochloromethane	74-97-5	ug/L	4/29/2025		<5.00
MW-57R	d	Bromodichloromethane	75-27-4	ug/L	4/29/2025		<1.00
MW-57R	d	Bromoform	75-25-2	ug/L	4/29/2025		<5.00
MW-57R	d	Bromomethane	74-83-9	ug/L	4/29/2025		<4.00
MW-57R	d	Carbon Disulfide	75-15-0	ug/L	4/29/2025		<1.00
MW-57R	d	Carbon Tetrachloride	56-23-5	ug/L	4/29/2025		<2.00
MW-57R	d	Chlorobenzene	108-90-7	ug/L	4/29/2025		<1.00
MW-57R	d	Chlorodibromomethane	124-48-1	ug/L	4/29/2025		<5.00
MW-57R	d	Chloroethane	75-00-3	ug/L	4/29/2025		<4.00
MW-57R	d	Chloroform	67-66-3	ug/L	4/29/2025		<3.00
MW-57R	d	Chloromethane	74-87-3	ug/L	4/29/2025		<3.00
MW-57R	d	Chloroprene	126-99-8	ug/L	4/29/2025		<1.00
MW-57R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/29/2025	J	0.385
MW-57R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/29/2025		<5.00
MW-57R	d	Methylene Bromide	74-95-3	ug/L	4/29/2025		<1.00
MW-57R	d	Dichlorodifluoromethane	75-71-8	ug/L	4/29/2025		<3.00
MW-57R	d	Ethyl Methacrylate	97-63-2	ug/L	4/29/2025		<2.00
MW-57R	d	Ethylbenzene	100-41-4	ug/L	4/29/2025		<1.00
MW-57R	d	Iodomethane	74-88-4	ug/L	4/29/2025		<10.0
MW-57R	d	Methacrylonitrile	126-98-7	ug/L	4/29/2025		<10.0
MW-57R	d	Methyl Methacrylate	80-62-6	ug/L	4/29/2025		<2.00
MW-57R	d	Methylene Chloride	75-09-2	ug/L	4/29/2025		<5.00
MW-57R	d	Naphthalene	91-20-3	ug/L	4/29/2025		<5.00
MW-57R	d	Propionitrile	107-12-0	ug/L	4/29/2025		<10.0
MW-57R	d	Styrene	100-42-5	ug/L	4/29/2025		<1.00
MW-57R	d	Tetrachloroethene	127-18-4	ug/L	4/29/2025		<1.00
MW-57R	d	Toluene	108-88-3	ug/L	4/29/2025		<1.00
MW-57R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/29/2025		<1.00
MW-57R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/29/2025		<5.00
MW-57R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/29/2025		<10.0
MW-57R	d	Trichloroethene	79-01-6	ug/L	4/29/2025		<1.00
MW-57R	d	Trichlorofluoromethane	75-69-4	ug/L	4/29/2025		<4.00
MW-57R	d	Vinyl Acetate	108-05-4	ug/L	4/29/2025		<10.0
MW-57R	d	Vinyl Chloride	75-01-4	ug/L	4/29/2025	J	0.268
MW-57R	d	Xylenes, total	1330-20-7	ug/L	4/29/2025		<3.00
MW-57R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/29/2025		<10.2
MW-57R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	4/29/2025		<10.2
MW-57R	d	1,3-Dinitrobenzene	99-65-0	ug/L	4/29/2025		<10.2
MW-57R	d	1,4-Naphthoquinone	130-15-4	ug/L	4/29/2025		<10.2
MW-57R	d	1,4-Phenylenediamine	106-50-3	ug/L	4/29/2025	*- *1	<10.2
MW-57R	d	1-Naphthylamine	134-32-7	ug/L	4/29/2025		<10.2
MW-57R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/29/2025		<10.2
MW-57R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	4/29/2025		<10.2
MW-57R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	4/29/2025		<10.2
MW-57R	d	2,4-Dichlorophenol	120-83-2	ug/L	4/29/2025		<10.2
MW-57R	d	2,4-Dimethylphenol	105-67-9	ug/L	4/29/2025		<10.2
MW-57R	d	2,4-Dinitrophenol	51-28-5	ug/L	4/29/2025		<20.4
MW-57R	d	2,4-Dinitrotoluene	121-14-2	ug/L	4/29/2025		<10.2
MW-57R	d	2,6-Dichlorophenol	87-65-0	ug/L	4/29/2025		<10.2
MW-57R	d	2,6-Dinitrotoluene	606-20-2	ug/L	4/29/2025		<10.2
MW-57R	d	2-Acetylaminofluorene	53-96-3	ug/L	4/29/2025	*1	<10.2
MW-57R	d	2-Chloronaphthalene	91-58-7	ug/L	4/29/2025		<10.2
MW-57R	d	2-Chlorophenol	95-57-8	ug/L	4/29/2025		<10.2
MW-57R	d	2-Methylnaphthalene	91-57-6	ug/L	4/29/2025		<10.2
MW-57R	d	2-Methylphenol	95-48-7	ug/L	4/29/2025		<10.2
MW-57R	d	2-Naphthylamine	91-59-8	ug/L	4/29/2025	*1	<10.2
MW-57R	d	2-Nitroaniline	88-74-4	ug/L	4/29/2025		<10.2
MW-57R	d	2-Nitrophenol	88-75-5	ug/L	4/29/2025		<10.2
MW-57R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	4/29/2025		<10.2
MW-57R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	4/29/2025	*- *1	<10.2
MW-57R	d	3-Methylcholanthrene	56-49-5	ug/L	4/29/2025		<10.2
MW-57R	d	3-Nitroaniline	99-09-2	ug/L	4/29/2025		<10.2
MW-57R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/29/2025		<10.2
MW-57R	d	4-Aminobiphenyl	92-67-1	ug/L	4/29/2025	*1	<10.2

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	4/29/2025		<10.2
MW-57R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	4/29/2025		<10.2
MW-57R	d	4-Chloroaniline	106-47-8	ug/L	4/29/2025	*1	<10.2
MW-57R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/29/2025		<10.2
MW-57R	d	3/4-Methylphenol	T-34MP	ug/L	4/29/2025		<10.2
MW-57R	d	4-Nitroaniline	100-01-6	ug/L	4/29/2025		<10.2
MW-57R	d	4-Nitrophenol	100-02-7	ug/L	4/29/2025		<10.2
MW-57R	d	5-Nitro-o-toluidine	99-55-8	ug/L	4/29/2025		<10.2
MW-57R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	4/29/2025		<10.2
MW-57R	d	Acenaphthene	83-32-9	ug/L	4/29/2025		<10.2
MW-57R	d	Acenaphthylene	208-96-8	ug/L	4/29/2025		<10.2
MW-57R	d	Acetophenone	98-86-2	ug/L	4/29/2025		<10.2
MW-57R	d	Anthracene	120-12-7	ug/L	4/29/2025		<10.2
MW-57R	d	Benzo [a] anthracene	56-55-3	ug/L	4/29/2025		<10.2
MW-57R	d	Benzo [a] pyrene	50-32-8	ug/L	4/29/2025	*+	<10.2
MW-57R	d	Benzo [b] fluoranthene	205-99-2	ug/L	4/29/2025		<10.2
MW-57R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	4/29/2025		<10.2
MW-57R	d	Benzo [k] fluoranthene	207-08-9	ug/L	4/29/2025		<10.2
MW-57R	d	Benzyl alcohol	100-51-6	ug/L	4/29/2025		<10.2
MW-57R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	4/29/2025		<10.2
MW-57R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	4/29/2025		<10.2
MW-57R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	4/29/2025		<10.2
MW-57R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/29/2025	*+	<10.2
MW-57R	d	Butyl benzyl phthalate	85-68-7	ug/L	4/29/2025		<10.2
MW-57R	d	Chlorobenzilate	510-15-6	ug/L	4/29/2025		<10.2
MW-57R	d	Chrysene	218-01-9	ug/L	4/29/2025		<10.2
MW-57R	d	Diallate [cis or trans]	2303-16-4	ug/L	4/29/2025		<10.2
MW-57R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	4/29/2025		<10.2
MW-57R	d	Dibenzofuran	132-64-9	ug/L	4/29/2025		<10.2
MW-57R	d	Diethyl phthalate	84-66-2	ug/L	4/29/2025		<10.2
MW-57R	d	Dimethoate	60-51-5	ug/L	4/29/2025	*+	<10.2
MW-57R	d	Dimethyl phthalate	131-11-3	ug/L	4/29/2025		<10.2
MW-57R	d	Di-n-butyl phthalate	84-74-2	ug/L	4/29/2025		<10.2
MW-57R	d	Di-n-octyl phthalate	117-84-0	ug/L	4/29/2025		<20.4
MW-57R	d	Diphenylamine	122-39-4	ug/L	4/29/2025	*+	<10.2
MW-57R	d	Disulfoton	298-04-4	ug/L	4/29/2025		<10.2
MW-57R	d	Ethyl Methanesulfonate	62-50-0	ug/L	4/29/2025		<10.2
MW-57R	d	Parathion-Ethyl	56-38-2	ug/L	4/29/2025	*1	<10.2
MW-57R	d	Famphur	52-85-7	ug/L	4/29/2025		<10.2
MW-57R	d	Fluoranthene	206-44-0	ug/L	4/29/2025		<10.2
MW-57R	d	Fluorene	86-73-7	ug/L	4/29/2025		<10.2
MW-57R	d	Hexachlorobenzene	118-74-1	ug/L	4/29/2025		<10.2
MW-57R	d	Hexachlorobutadiene	87-68-3	ug/L	4/29/2025		<10.2
MW-57R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	4/29/2025		<10.2
MW-57R	d	Hexachloroethane	67-72-1	ug/L	4/29/2025		<10.2
MW-57R	d	Hexachloropropene	1888-71-7	ug/L	4/29/2025		<10.2
MW-57R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	4/29/2025		<10.2
MW-57R	d	Isodrin	465-73-6	ug/L	4/29/2025		<10.2
MW-57R	d	Isophorone	78-59-1	ug/L	4/29/2025		<10.2
MW-57R	d	Isosafrole	120-58-1	ug/L	4/29/2025		<10.2
MW-57R	d	Kepone	143-50-0	ug/L	4/29/2025	*+	<10.2
MW-57R	d	Methapyrilene	91-80-5	ug/L	4/29/2025	*1	<10.2
MW-57R	d	Methyl Methanesulfonate	66-27-3	ug/L	4/29/2025		<10.2
MW-57R	d	Parathion-Methyl	298-00-0	ug/L	4/29/2025		<10.2
MW-57R	d	Nitrobenzene	98-95-3	ug/L	4/29/2025		<10.2
MW-57R	d	N-Nitrosodiethylamine	55-18-5	ug/L	4/29/2025		<10.2
MW-57R	d	N-Nitrosodimethylamine	62-75-9	ug/L	4/29/2025		<10.2
MW-57R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/29/2025		<10.2
MW-57R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/29/2025		<10.2
MW-57R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	4/29/2025	*+	<10.2
MW-57R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	4/29/2025		<10.2
MW-57R	d	N-Nitrosopiperidine	100-75-4	ug/L	4/29/2025		<10.2
MW-57R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	4/29/2025		<10.2
MW-57R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	4/29/2025		<10.2
MW-57R	d	O-Toluidine	95-53-4	ug/L	4/29/2025		<10.2
MW-57R	d	Dimethylaminoazobenzene	60-11-7	ug/L	4/29/2025		<10.2
MW-57R	d	Pentachlorobenzene	608-93-5	ug/L	4/29/2025		<10.2
MW-57R	d	Pentachloronitrobenzene	82-68-8	ug/L	4/29/2025		<10.2
MW-57R	d	Pentachlorophenol [2C]	87-86-5	ug/L	4/29/2025		<10.2
MW-57R	d	Phenacetin	62-44-2	ug/L	4/29/2025		<10.2
MW-57R	d	Phenanthrene	85-01-8	ug/L	4/29/2025		<10.2
MW-57R	d	Phenol	108-95-2	ug/L	4/29/2025		<10.2
MW-57R	d	Phorate	298-02-2	ug/L	4/29/2025		<10.2
MW-57R	d	Pronamide	23950-58-5	ug/L	4/29/2025		<10.2
MW-57R	d	Pyrene	129-00-0	ug/L	4/29/2025		<10.2
MW-57R	d	Safrole	94-59-7	ug/L	4/29/2025		<10.2
MW-57R	d	Thionazin	297-97-2	ug/L	4/29/2025		<10.2
MW-57R	d	Cyanide	57-12-5	mg/L	4/29/2025		<0.0100
MW-57R	d	Sulfide	18496-25-8	mg/L	4/29/2025	H	<1.00
MW-57R	d	Total Organic Carbon	TOC	mg/L	4/29/2025		5.8
MW-57R	d	Total Suspended Solids	TSS	mg/L	4/29/2025		67.3
MW-58	d	Antimony	7440-36-0	mg/L	4/28/2025		<0.00200
MW-58	d	Arsenic	7440-38-2	mg/L	4/28/2025		0.0338
MW-58	d	Barium	7440-39-3	mg/L	4/28/2025		0.714
MW-58	d	Beryllium	7440-41-7	mg/L	4/28/2025		<0.00100
MW-58	d	Cadmium	7440-43-9	mg/L	4/28/2025		<0.000200
MW-58	d	Chromium	7440-47-3	mg/L	4/28/2025		<0.00500

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	Cobalt	7440-48-4	mg/L	4/28/2025		0.00161
MW-58	d	Copper	7440-50-8	mg/L	4/28/2025		0.00812
MW-58	d	Lead	7439-92-1	mg/L	4/28/2025		0.000506
MW-58	d	Nickel	7440-02-0	mg/L	4/28/2025		0.0129
MW-58	d	Selenium	7782-49-2	mg/L	4/28/2025		<0.00500
MW-58	d	Silver	7440-22-4	mg/L	4/28/2025		<0.00100
MW-58	d	Thallium	7440-28-0	mg/L	4/28/2025		<0.00100
MW-58	d	Vanadium	7440-62-2	mg/L	4/28/2025		<0.00500
MW-58	d	Zinc	7440-66-6	mg/L	4/28/2025		0.028
MW-58	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/28/2025		<1.00
MW-58	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/28/2025		<1.00
MW-58	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/28/2025		<1.00
MW-58	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/28/2025		<1.00
MW-58	d	1,1-Dichloroethane	75-34-3	ug/L	4/28/2025		<1.00
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	4/28/2025		<2.00
MW-58	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/28/2025		<1.00
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/28/2025		<5.00
MW-58	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/28/2025		<1.00
MW-58	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/28/2025		<1.00
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	4/28/2025		<1.00
MW-58	d	1,2-Dichloropropane	78-87-5	ug/L	4/28/2025		<1.00
MW-58	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/28/2025		<1.00
MW-58	d	2-Butanone	78-93-3	ug/L	4/28/2025		<10.0
MW-58	d	2-Hexanone	591-78-6	ug/L	4/28/2025		<10.0
MW-58	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/28/2025		<10.0
MW-58	d	Acetone	67-64-1	ug/L	4/28/2025		<10.0
MW-58	d	Acrylonitrile	107-13-1	ug/L	4/28/2025		<5.00
MW-58	d	Benzene	71-43-2	ug/L	4/28/2025		2.77
MW-58	d	Bromochloromethane	74-97-5	ug/L	4/28/2025		<5.00
MW-58	d	Bromodichloromethane	75-27-4	ug/L	4/28/2025		<1.00
MW-58	d	Bromoform	75-25-2	ug/L	4/28/2025		<5.00
MW-58	d	Bromomethane	74-83-9	ug/L	4/28/2025		<4.00
MW-58	d	Carbon Disulfide	75-15-0	ug/L	4/28/2025		<1.00
MW-58	d	Carbon Tetrachloride	56-23-5	ug/L	4/28/2025		<2.00
MW-58	d	Chlorobenzene	108-90-7	ug/L	4/28/2025		4.5
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	4/28/2025		<5.00
MW-58	d	Chloroethane	75-00-3	ug/L	4/28/2025	J	0.939
MW-58	d	Chloroform	67-66-3	ug/L	4/28/2025		<3.00
MW-58	d	Chloromethane	74-87-3	ug/L	4/28/2025		<3.00
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/28/2025		<1.00
MW-58	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/28/2025		<5.00
MW-58	d	Methylene Bromide	74-95-3	ug/L	4/28/2025		<1.00
MW-58	d	Ethylbenzene	100-41-4	ug/L	4/28/2025		<1.00
MW-58	d	Iodomethane	74-88-4	ug/L	4/28/2025		<10.0
MW-58	d	Methylene Chloride	75-09-2	ug/L	4/28/2025		<5.00
MW-58	d	Styrene	100-42-5	ug/L	4/28/2025		<1.00
MW-58	d	Tetrachloroethene	127-18-4	ug/L	4/28/2025		<1.00
MW-58	d	Toluene	108-88-3	ug/L	4/28/2025		<1.00
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/28/2025		<1.00
MW-58	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/28/2025		<5.00
MW-58	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/28/2025		<10.0
MW-58	d	Trichloroethene	79-01-6	ug/L	4/28/2025		<1.00
MW-58	d	Trichlorofluoromethane	75-69-4	ug/L	4/28/2025		<4.00
MW-58	d	Vinyl Acetate	108-05-4	ug/L	4/28/2025		<10.0
MW-58	d	Vinyl Chloride	75-01-4	ug/L	4/28/2025		<1.00
MW-58	d	Xylenes, total	1330-20-7	ug/L	4/28/2025		<3.00
MW-58	d	Total Organic Carbon	TOC	mg/L	4/28/2025		9.2
MW-58	d	Total Suspended Solids	TSS	mg/L	4/28/2025		46
MW-60	d	Arsenic	7440-38-2	mg/L	4/28/2025		<0.00200
MW-60	d	Cobalt	7440-48-4	mg/L	4/28/2025		<0.000500
MW-60	d	Total Suspended Solids	TSS	mg/L	4/28/2025	J	1.75
MW-62	d	Arsenic	7440-38-2	mg/L	4/28/2025		<0.00200
MW-62	d	Total Suspended Solids	TSS	mg/L	4/28/2025		<1.88
MW-68	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/28/2025		<1.00
MW-68	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/28/2025		<1.00
MW-68	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/28/2025		<1.00
MW-68	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/28/2025		<1.00
MW-68	d	1,1-Dichloroethane	75-34-3	ug/L	4/28/2025	J	0.752
MW-68	d	1,1-Dichloroethene	75-35-4	ug/L	4/28/2025		<2.00
MW-68	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/28/2025		<1.00
MW-68	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/28/2025		<5.00
MW-68	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/28/2025		<1.00
MW-68	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/28/2025		<1.00
MW-68	d	1,2-Dichloroethane	107-06-2	ug/L	4/28/2025		<1.00
MW-68	d	1,2-Dichloropropane	78-87-5	ug/L	4/28/2025		<1.00
MW-68	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/28/2025		<1.00
MW-68	d	2-Butanone	78-93-3	ug/L	4/28/2025		<10.0
MW-68	d	2-Hexanone	591-78-6	ug/L	4/28/2025		<10.0
MW-68	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/28/2025		<10.0
MW-68	d	Acetone	67-64-1	ug/L	4/28/2025		<10.0
MW-68	d	Acrylonitrile	107-13-1	ug/L	4/28/2025		<5.00
MW-68	d	Benzene	71-43-2	ug/L	4/28/2025		1.32
MW-68	d	Bromochloromethane	74-97-5	ug/L	4/28/2025		<5.00
MW-68	d	Bromodichloromethane	75-27-4	ug/L	4/28/2025		<1.00
MW-68	d	Bromoform	75-25-2	ug/L	4/28/2025		<5.00
MW-68	d	Bromomethane	74-83-9	ug/L	4/28/2025		<4.00
MW-68	d	Carbon Disulfide	75-15-0	ug/L	4/28/2025		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-68	d	Carbon Tetrachloride	56-23-5	ug/L	4/28/2025		<2.00
MW-68	d	Chlorobenzene	108-90-7	ug/L	4/28/2025		<1.00
MW-68	d	Chlorodibromomethane	124-48-1	ug/L	4/28/2025		<5.00
MW-68	d	Chloroethane	75-00-3	ug/L	4/28/2025		<4.00
MW-68	d	Chloroform	67-66-3	ug/L	4/28/2025		<3.00
MW-68	d	Chloromethane	74-87-3	ug/L	4/28/2025		<3.00
MW-68	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/28/2025		5.6
MW-68	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/28/2025		<5.00
MW-68	d	Methylene Bromide	74-95-3	ug/L	4/28/2025		<1.00
MW-68	d	Ethylbenzene	100-41-4	ug/L	4/28/2025		<1.00
MW-68	d	Iodomethane	74-88-4	ug/L	4/28/2025		<10.0
MW-68	d	Methylene Chloride	75-09-2	ug/L	4/28/2025		<5.00
MW-68	d	Styrene	100-42-5	ug/L	4/28/2025		<1.00
MW-68	d	Tetrachloroethene	127-18-4	ug/L	4/28/2025		<1.00
MW-68	d	Toluene	108-88-3	ug/L	4/28/2025		<1.00
MW-68	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/28/2025		<1.00
MW-68	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/28/2025		<5.00
MW-68	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/28/2025		<10.0
MW-68	d	Trichloroethene	79-01-6	ug/L	4/28/2025		<1.00
MW-68	d	Trichlorofluoromethane	75-69-4	ug/L	4/28/2025		<4.00
MW-68	d	Vinyl Acetate	108-05-4	ug/L	4/28/2025		<10.0
MW-68	d	Vinyl Chloride	75-01-4	ug/L	4/28/2025	J	0.342
MW-68	d	Xylenes, total	1330-20-7	ug/L	4/28/2025		<3.00
MW-68	d	Total Suspended Solids	TSS	mg/L	4/28/2025		24
MW-69	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/28/2025		<1.00
MW-69	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/28/2025		<1.00
MW-69	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/28/2025		<1.00
MW-69	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/28/2025		<1.00
MW-69	d	1,1-Dichloroethane	75-34-3	ug/L	4/28/2025		1.26
MW-69	d	1,1-Dichloroethene	75-35-4	ug/L	4/28/2025		<2.00
MW-69	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/28/2025		<1.00
MW-69	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/28/2025		<5.00
MW-69	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/28/2025		<1.00
MW-69	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/28/2025		<1.00
MW-69	d	1,2-Dichloroethane	107-06-2	ug/L	4/28/2025		<1.00
MW-69	d	1,2-Dichloropropane	78-87-5	ug/L	4/28/2025	J	0.473
MW-69	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/28/2025		<1.00
MW-69	d	2-Butanone	78-93-3	ug/L	4/28/2025		<10.0
MW-69	d	2-Hexanone	591-78-6	ug/L	4/28/2025		<10.0
MW-69	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/28/2025		<10.0
MW-69	d	Acetone	67-64-1	ug/L	4/28/2025		<10.0
MW-69	d	Acrylonitrile	107-13-1	ug/L	4/28/2025		<5.00
MW-69	d	Benzene	71-43-2	ug/L	4/28/2025		<0.500
MW-69	d	Bromochloromethane	74-97-5	ug/L	4/28/2025		<5.00
MW-69	d	Bromodichloromethane	75-27-4	ug/L	4/28/2025		<1.00
MW-69	d	Bromoform	75-25-2	ug/L	4/28/2025		<5.00
MW-69	d	Bromomethane	74-83-9	ug/L	4/28/2025		<4.00
MW-69	d	Carbon Disulfide	75-15-0	ug/L	4/28/2025		<1.00
MW-69	d	Carbon Tetrachloride	56-23-5	ug/L	4/28/2025		<2.00
MW-69	d	Chlorobenzene	108-90-7	ug/L	4/28/2025		<1.00
MW-69	d	Chlorodibromomethane	124-48-1	ug/L	4/28/2025		<5.00
MW-69	d	Chloroethane	75-00-3	ug/L	4/28/2025		<4.00
MW-69	d	Chloroform	67-66-3	ug/L	4/28/2025		<3.00
MW-69	d	Chloromethane	74-87-3	ug/L	4/28/2025		<3.00
MW-69	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/28/2025		4.16
MW-69	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/28/2025		<5.00
MW-69	d	Methylene Bromide	74-95-3	ug/L	4/28/2025		<1.00
MW-69	d	Ethylbenzene	100-41-4	ug/L	4/28/2025		<1.00
MW-69	d	Iodomethane	74-88-4	ug/L	4/28/2025		<10.0
MW-69	d	Methylene Chloride	75-09-2	ug/L	4/28/2025		<5.00
MW-69	d	Styrene	100-42-5	ug/L	4/28/2025		<1.00
MW-69	d	Tetrachloroethene	127-18-4	ug/L	4/28/2025		<1.00
MW-69	d	Toluene	108-88-3	ug/L	4/28/2025		<1.00
MW-69	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/28/2025		<1.00
MW-69	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/28/2025		<5.00
MW-69	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/28/2025		<10.0
MW-69	d	Trichloroethene	79-01-6	ug/L	4/28/2025		<1.00
MW-69	d	Trichlorofluoromethane	75-69-4	ug/L	4/28/2025		<4.00
MW-69	d	Vinyl Acetate	108-05-4	ug/L	4/28/2025		<10.0
MW-69	d	Vinyl Chloride	75-01-4	ug/L	4/28/2025		1.49
MW-69	d	Xylenes, total	1330-20-7	ug/L	4/28/2025		<3.00
MW-69	d	Total Suspended Solids	TSS	mg/L	4/28/2025		12
MW-70	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/28/2025		<1.00
MW-70	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/28/2025		<1.00
MW-70	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/28/2025		<1.00
MW-70	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/28/2025		<1.00
MW-70	d	1,1-Dichloroethane	75-34-3	ug/L	4/28/2025		<1.00
MW-70	d	1,1-Dichloroethene	75-35-4	ug/L	4/28/2025		<2.00
MW-70	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/28/2025		<1.00
MW-70	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/28/2025		<5.00
MW-70	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/28/2025		<1.00
MW-70	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/28/2025		<1.00
MW-70	d	1,2-Dichloroethane	107-06-2	ug/L	4/28/2025		<1.00
MW-70	d	1,2-Dichloropropane	78-87-5	ug/L	4/28/2025		<1.00
MW-70	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/28/2025		<1.00
MW-70	d	2-Butanone	78-93-3	ug/L	4/28/2025		<10.0
MW-70	d	2-Hexanone	591-78-6	ug/L	4/28/2025		<10.0

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-70	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/28/2025		<10.0
MW-70	d	Acetone	67-64-1	ug/L	4/28/2025		<10.0
MW-70	d	Acrylonitrile	107-13-1	ug/L	4/28/2025		<5.00
MW-70	d	Benzene	71-43-2	ug/L	4/28/2025		<0.500
MW-70	d	Bromochloromethane	74-97-5	ug/L	4/28/2025		<5.00
MW-70	d	Bromodichloromethane	75-27-4	ug/L	4/28/2025		<1.00
MW-70	d	Bromoform	75-25-2	ug/L	4/28/2025		<5.00
MW-70	d	Bromomethane	74-83-9	ug/L	4/28/2025		<4.00
MW-70	d	Carbon Disulfide	75-15-0	ug/L	4/28/2025		<1.00
MW-70	d	Carbon Tetrachloride	56-23-5	ug/L	4/28/2025		<2.00
MW-70	d	Chlorobenzene	108-90-7	ug/L	4/28/2025		<1.00
MW-70	d	Chlorodibromomethane	124-48-1	ug/L	4/28/2025		<5.00
MW-70	d	Chloroethane	75-00-3	ug/L	4/28/2025		<4.00
MW-70	d	Chloroform	67-66-3	ug/L	4/28/2025		<3.00
MW-70	d	Chloromethane	74-87-3	ug/L	4/28/2025		<3.00
MW-70	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/28/2025		<1.00
MW-70	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/28/2025		<5.00
MW-70	d	Methylene Bromide	74-95-3	ug/L	4/28/2025		<1.00
MW-70	d	Ethylbenzene	100-41-4	ug/L	4/28/2025		<1.00
MW-70	d	Iodomethane	74-88-4	ug/L	4/28/2025		<10.0
MW-70	d	Methylene Chloride	75-09-2	ug/L	4/28/2025		<5.00
MW-70	d	Styrene	100-42-5	ug/L	4/28/2025		<1.00
MW-70	d	Tetrachloroethene	127-18-4	ug/L	4/28/2025		<1.00
MW-70	d	Toluene	108-88-3	ug/L	4/28/2025		<1.00
MW-70	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/28/2025		<1.00
MW-70	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/28/2025		<5.00
MW-70	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/28/2025		<10.0
MW-70	d	Trichloroethene	79-01-6	ug/L	4/28/2025		<1.00
MW-70	d	Trichlorofluoromethane	75-69-4	ug/L	4/28/2025		<4.00
MW-70	d	Vinyl Acetate	108-05-4	ug/L	4/28/2025		<10.0
MW-70	d	Vinyl Chloride	75-01-4	ug/L	4/28/2025		<1.00
MW-70	d	Xylenes, total	1330-20-7	ug/L	4/28/2025		<3.00
MW-70	d	Total Organic Carbon	TOC	mg/L	4/28/2025		1.9
MW-70	d	Total Suspended Solids	TSS	mg/L	4/28/2025		<1.88
MW-73	d	Antimony	7440-36-0	mg/L	4/29/2025		0.0202
MW-73	d	Arsenic	7440-38-2	mg/L	4/29/2025		0.0234
MW-73	d	Barium	7440-39-3	mg/L	4/29/2025		0.245
MW-73	d	Beryllium	7440-41-7	mg/L	4/29/2025		0.00927
MW-73	d	Cadmium	7440-43-9	mg/L	4/29/2025		0.00908
MW-73	d	Chromium	7440-47-3	mg/L	4/29/2025		0.00976
MW-73	d	Cobalt	7440-48-4	mg/L	4/29/2025		0.0113
MW-73	d	Copper	7440-50-8	mg/L	4/29/2025		0.0209
MW-73	d	Lead	7439-92-1	mg/L	4/29/2025		0.0192
MW-73	d	Nickel	7440-02-0	mg/L	4/29/2025		0.0301
MW-73	d	Selenium	7782-49-2	mg/L	4/29/2025		0.0368
MW-73	d	Silver	7440-22-4	mg/L	4/29/2025		<0.00100
MW-73	d	Thallium	7440-28-0	mg/L	4/29/2025		<0.00100
MW-73	d	Vanadium	7440-62-2	mg/L	4/29/2025		0.011
MW-73	d	Zinc	7440-66-6	mg/L	4/29/2025		0.0273
MW-73	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/29/2025		<1.00
MW-73	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/29/2025		<1.00
MW-73	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/29/2025		<1.00
MW-73	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/29/2025		<1.00
MW-73	d	1,1-Dichloroethane	75-34-3	ug/L	4/29/2025		<1.00
MW-73	d	1,1-Dichloroethene	75-35-4	ug/L	4/29/2025		<2.00
MW-73	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/29/2025		<1.00
MW-73	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/29/2025		<5.00
MW-73	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/29/2025		<1.00
MW-73	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/29/2025		<1.00
MW-73	d	1,2-Dichloroethane	107-06-2	ug/L	4/29/2025		<1.00
MW-73	d	1,2-Dichloropropane	78-87-5	ug/L	4/29/2025		<1.00
MW-73	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/29/2025		<1.00
MW-73	d	2-Butanone	78-93-3	ug/L	4/29/2025		<10.0
MW-73	d	2-Hexanone	591-78-6	ug/L	4/29/2025		<10.0
MW-73	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/29/2025		<10.0
MW-73	d	Acetone	67-64-1	ug/L	4/29/2025		<10.0
MW-73	d	Acrylonitrile	107-13-1	ug/L	4/29/2025		<5.00
MW-73	d	Benzene	71-43-2	ug/L	4/29/2025		<0.500
MW-73	d	Bromochloromethane	74-97-5	ug/L	4/29/2025		<5.00
MW-73	d	Bromodichloromethane	75-27-4	ug/L	4/29/2025		<1.00
MW-73	d	Bromoform	75-25-2	ug/L	4/29/2025		<5.00
MW-73	d	Bromomethane	74-83-9	ug/L	4/29/2025		<4.00
MW-73	d	Carbon Disulfide	75-15-0	ug/L	4/29/2025		<1.00
MW-73	d	Carbon Tetrachloride	56-23-5	ug/L	4/29/2025		<2.00
MW-73	d	Chlorobenzene	108-90-7	ug/L	4/29/2025		<1.00
MW-73	d	Chlorodibromomethane	124-48-1	ug/L	4/29/2025		<5.00
MW-73	d	Chloroethane	75-00-3	ug/L	4/29/2025		<4.00
MW-73	d	Chloroform	67-66-3	ug/L	4/29/2025		<3.00
MW-73	d	Chloromethane	74-87-3	ug/L	4/29/2025		<3.00
MW-73	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/29/2025		<1.00
MW-73	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/29/2025		<5.00
MW-73	d	Methylene Bromide	74-95-3	ug/L	4/29/2025		<1.00
MW-73	d	Ethylbenzene	100-41-4	ug/L	4/29/2025		<1.00
MW-73	d	Iodomethane	74-88-4	ug/L	4/29/2025		<10.0
MW-73	d	Methylene Chloride	75-09-2	ug/L	4/29/2025		<5.00
MW-73	d	Styrene	100-42-5	ug/L	4/29/2025		<1.00
MW-73	d	Tetrachloroethene	127-18-4	ug/L	4/29/2025		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-73	d	Toluene	108-88-3	ug/L	4/29/2025		<1.00
MW-73	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/29/2025		<1.00
MW-73	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/29/2025		<5.00
MW-73	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/29/2025		<10.0
MW-73	d	Trichloroethene	79-01-6	ug/L	4/29/2025		<1.00
MW-73	d	Trichlorofluoromethane	75-69-4	ug/L	4/29/2025		<4.00
MW-73	d	Vinyl Acetate	108-05-4	ug/L	4/29/2025		<10.0
MW-73	d	Vinyl Chloride	75-01-4	ug/L	4/29/2025		<1.00
MW-73	d	Xylenes, total	1330-20-7	ug/L	4/29/2025		<3.00
MW-73	d	Total Organic Carbon	TOC	mg/L	4/29/2025		5.68
MW-73	d	Total Suspended Solids	TSS	mg/L	4/29/2025		29.5
PZ-13	d	Arsenic	7440-38-2	mg/L	4/29/2025	J	0.00173
PZ-13	d	Cobalt	7440-48-4	mg/L	4/29/2025		<0.000500
PZ-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/29/2025		<1.00
PZ-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/29/2025		<1.00
PZ-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/29/2025		<1.00
PZ-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/29/2025		<1.00
PZ-13	d	1,1-Dichloroethane	75-34-3	ug/L	4/29/2025		<1.00
PZ-13	d	1,1-Dichloroethene	75-35-4	ug/L	4/29/2025		<2.00
PZ-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/29/2025		<1.00
PZ-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/29/2025		<5.00
PZ-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/29/2025		<1.00
PZ-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/29/2025		<1.00
PZ-13	d	1,2-Dichloroethane	107-06-2	ug/L	4/29/2025		<1.00
PZ-13	d	1,2-Dichloropropane	78-87-5	ug/L	4/29/2025		<1.00
PZ-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/29/2025		<1.00
PZ-13	d	2-Butanone	78-93-3	ug/L	4/29/2025		<10.0
PZ-13	d	2-Hexanone	591-78-6	ug/L	4/29/2025		<10.0
PZ-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/29/2025		<10.0
PZ-13	d	Acetone	67-64-1	ug/L	4/29/2025		<10.0
PZ-13	d	Acrylonitrile	107-13-1	ug/L	4/29/2025		<5.00
PZ-13	d	Benzene	71-43-2	ug/L	4/29/2025		<0.500
PZ-13	d	Bromochloromethane	74-97-5	ug/L	4/29/2025		<5.00
PZ-13	d	Bromodichloromethane	75-27-4	ug/L	4/29/2025		<1.00
PZ-13	d	Bromoform	75-25-2	ug/L	4/29/2025		<5.00
PZ-13	d	Bromomethane	74-83-9	ug/L	4/29/2025		<4.00
PZ-13	d	Carbon Disulfide	75-15-0	ug/L	4/29/2025		<1.00
PZ-13	d	Carbon Tetrachloride	56-23-5	ug/L	4/29/2025		<2.00
PZ-13	d	Chlorobenzene	108-90-7	ug/L	4/29/2025		<1.00
PZ-13	d	Chlorodibromomethane	124-48-1	ug/L	4/29/2025		<5.00
PZ-13	d	Chloroethane	75-00-3	ug/L	4/29/2025		<4.00
PZ-13	d	Chloroform	67-66-3	ug/L	4/29/2025		<3.00
PZ-13	d	Chloromethane	74-87-3	ug/L	4/29/2025		<3.00
PZ-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/29/2025		<1.00
PZ-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/29/2025		<5.00
PZ-13	d	Methylene Bromide	74-95-3	ug/L	4/29/2025		<1.00
PZ-13	d	Ethylbenzene	100-41-4	ug/L	4/29/2025		<1.00
PZ-13	d	Iodomethane	74-88-4	ug/L	4/29/2025		<10.0
PZ-13	d	Methylene Chloride	75-09-2	ug/L	4/29/2025		<5.00
PZ-13	d	Styrene	100-42-5	ug/L	4/29/2025		<1.00
PZ-13	d	Tetrachloroethene	127-18-4	ug/L	4/29/2025		<1.00
PZ-13	d	Toluene	108-88-3	ug/L	4/29/2025		<1.00
PZ-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/29/2025		<1.00
PZ-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/29/2025		<5.00
PZ-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/29/2025		<10.0
PZ-13	d	Trichloroethene	79-01-6	ug/L	4/29/2025		<1.00
PZ-13	d	Trichlorofluoromethane	75-69-4	ug/L	4/29/2025		<4.00
PZ-13	d	Vinyl Acetate	108-05-4	ug/L	4/29/2025		<10.0
PZ-13	d	Vinyl Chloride	75-01-4	ug/L	4/29/2025		<1.00
PZ-13	d	Xylenes, total	1330-20-7	ug/L	4/29/2025		<3.00
PZ-13	d	Total Suspended Solids	TSS	mg/L	4/29/2025		<1.88
SW-101	d	Iron, Dissolved	D7439-89-6	mg/L	4/29/2025		<0.100
SW-101	d	Chloride	16887-00-6	mg/L	4/29/2025		45.3
SW-101	d	Ammonia as N	7664-41-7	mg/L	4/29/2025		<0.500
SW-101	d	Arsenic	7440-38-2	mg/L	4/29/2025	J	0.00152
SW-101	d	Cobalt	7440-48-4	mg/L	4/29/2025	J	0.000413
SW-101	d	Total Suspended Solids	TSS	mg/L	4/29/2025		19.8
SW-101	d	Chemical Oxygen Demand	COD	mg/L	4/29/2025	J	23.4
SW-102	d	Iron, Dissolved	D7439-89-6	mg/L	4/29/2025		<0.100
SW-102	d	Chloride	16887-00-6	mg/L	4/29/2025		43.8
SW-102	d	Ammonia as N	7664-41-7	mg/L	4/29/2025		<0.500
SW-102	d	Arsenic	7440-38-2	mg/L	4/29/2025	J	0.00158
SW-102	d	Cobalt	7440-48-4	mg/L	4/29/2025	J	0.000442
SW-102	d	Total Suspended Solids	TSS	mg/L	4/29/2025		19.6
SW-102	d	Chemical Oxygen Demand	COD	mg/L	4/29/2025		<25.0
SW-103	d	Iron, Dissolved	D7439-89-6	mg/L	4/29/2025		0.436
SW-103	d	Chloride	16887-00-6	mg/L	4/29/2025		37.5
SW-103	d	Ammonia as N	7664-41-7	mg/L	4/29/2025		<0.500
SW-103	d	Arsenic	7440-38-2	mg/L	4/29/2025	J	0.00137
SW-103	d	Cobalt	7440-48-4	mg/L	4/29/2025	J	0.000364
SW-103	d	Total Suspended Solids	TSS	mg/L	4/29/2025		9.63
SW-103	d	Chemical Oxygen Demand	COD	mg/L	4/29/2025		<25.0
SW-104	d	Iron, Dissolved	D7439-89-6	mg/L	4/29/2025		<0.100
SW-104	d	Chloride	16887-00-6	mg/L	4/29/2025		53.7
SW-104	d	Ammonia as N	7664-41-7	mg/L	4/29/2025		<0.500
SW-104	d	Chemical Oxygen Demand	COD	mg/L	4/29/2025		<25.0
SW-105	d	Iron, Dissolved	D7439-89-6	mg/L	4/29/2025		<0.100

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
SW-105	d	Chloride	16887-00-6	mg/L	4/29/2025		17.5
SW-105	d	Ammonia as N	7664-41-7	mg/L	4/29/2025		<0.500
SW-105	d	Nitrate as N	14797-55-8	mg/L	4/29/2025		<0.200
SW-105	d	Chemical Oxygen Demand	COD	mg/L	4/29/2025		235
SW-106	d	Iron, Dissolved	D7439-89-6	mg/L	4/29/2025		<0.100
SW-106	d	Chloride	16887-00-6	mg/L	4/29/2025		35.9
SW-106	d	Ammonia as N	7664-41-7	mg/L	4/29/2025		<0.500
SW-106	d	Arsenic	7440-38-2	mg/L	4/29/2025	J	0.000919
SW-106	d	Cobalt	7440-48-4	mg/L	4/29/2025	J	0.000219
SW-106	d	Total Suspended Solids	TSS	mg/L	4/29/2025		5
SW-106	d	Chemical Oxygen Demand	COD	mg/L	4/29/2025		<25.0
SW-107	d	Iron, Dissolved	D7439-89-6	mg/L	4/29/2025		<0.100
SW-107	d	Chloride	16887-00-6	mg/L	4/29/2025		41.4
SW-107	d	Ammonia as N	7664-41-7	mg/L	4/29/2025		<0.500
SW-107	d	Arsenic	7440-38-2	mg/L	4/29/2025	J	0.00154
SW-107	d	Cobalt	7440-48-4	mg/L	4/29/2025	J	0.000367
SW-107	d	Nitrate as N	14797-55-8	mg/L	4/29/2025		8.97
SW-107	d	Total Suspended Solids	TSS	mg/L	4/29/2025		18.7
SW-107	d	Chemical Oxygen Demand	COD	mg/L	4/29/2025		<25.0
MW-23	u	Antimony	7440-36-0	mg/L	3/18/2026		<0.00200
MW-23	u	Arsenic	7440-38-2	mg/L	3/18/2026		<0.00200
MW-23	u	Barium	7440-39-3	mg/L	3/18/2026		0.0978
MW-23	u	Beryllium	7440-41-7	mg/L	3/18/2026		<0.00100
MW-23	u	Cadmium	7440-43-9	mg/L	3/18/2026		<0.000200
MW-23	u	Chromium	7440-47-3	mg/L	3/18/2026		<0.00500
MW-23	u	Cobalt	7440-48-4	mg/L	3/18/2026	J	0.000472
MW-23	u	Copper	7440-50-8	mg/L	3/18/2026		<0.00500
MW-23	u	Lead	7439-92-1	mg/L	3/18/2026		<0.000500
MW-23	u	Nickel	7440-02-0	mg/L	3/18/2026		<0.00500
MW-23	u	Selenium	7782-49-2	mg/L	3/18/2026		<0.00500
MW-23	u	Silver	7440-22-4	mg/L	3/18/2026	*+	<0.00100
MW-23	u	Thallium	7440-28-0	mg/L	3/18/2026		<0.00100
MW-23	u	Vanadium	7440-62-2	mg/L	3/18/2026		<0.00500
MW-23	u	Zinc	7440-66-6	mg/L	3/18/2026		<0.0200
MW-23	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/18/2026		<1.00
MW-23	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/18/2026		<1.00
MW-23	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/18/2026		<1.00
MW-23	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/18/2026		<1.00
MW-23	u	1,1-Dichloroethane	75-34-3	ug/L	3/18/2026		<1.00
MW-23	u	1,1-Dichloroethene	75-35-4	ug/L	3/18/2026		<2.00
MW-23	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/18/2026		<1.00
MW-23	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/18/2026		<5.00
MW-23	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/18/2026		<1.00
MW-23	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/18/2026		<1.00
MW-23	u	1,2-Dichloroethane	107-06-2	ug/L	3/18/2026		<1.00
MW-23	u	1,2-Dichloropropane	78-87-5	ug/L	3/18/2026		<1.00
MW-23	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/18/2026		<1.00
MW-23	u	2-Butanone	78-93-3	ug/L	3/18/2026		<10.0
MW-23	u	2-Hexanone	591-78-6	ug/L	3/18/2026		<10.0
MW-23	u	4-Methyl-2-Pentanone	108-10-1	ug/L	3/18/2026		<10.0
MW-23	u	Acetone	67-64-1	ug/L	3/18/2026		<10.0
MW-23	u	Acrylonitrile	107-13-1	ug/L	3/18/2026		<5.00
MW-23	u	Benzene	71-43-2	ug/L	3/18/2026		<0.500
MW-23	u	Bromochloromethane	74-97-5	ug/L	3/18/2026		<5.00
MW-23	u	Bromodichloromethane	75-27-4	ug/L	3/18/2026		<1.00
MW-23	u	Bromoform	75-25-2	ug/L	3/18/2026		<5.00
MW-23	u	Bromomethane	74-83-9	ug/L	3/18/2026		<4.00
MW-23	u	Carbon Disulfide	75-15-0	ug/L	3/18/2026		<1.00
MW-23	u	Carbon Tetrachloride	56-23-5	ug/L	3/18/2026		<2.00
MW-23	u	Chlorobenzene	108-90-7	ug/L	3/18/2026		<1.00
MW-23	u	Chlorodibromomethane	124-48-1	ug/L	3/18/2026		<5.00
MW-23	u	Chloroethane	75-00-3	ug/L	3/18/2026		<4.00
MW-23	u	Chloroform	67-66-3	ug/L	3/18/2026		<3.00
MW-23	u	Chloromethane	74-87-3	ug/L	3/18/2026		<3.00
MW-23	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/18/2026		<1.00
MW-23	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/18/2026		<5.00
MW-23	u	Methylene Bromide	74-95-3	ug/L	3/18/2026		<1.00
MW-23	u	Ethylbenzene	100-41-4	ug/L	3/18/2026		<1.00
MW-23	u	Iodomethane	74-88-4	ug/L	3/18/2026		<10.0
MW-23	u	Methylene Chloride	75-09-2	ug/L	3/18/2026		<5.00
MW-23	u	Styrene	100-42-5	ug/L	3/18/2026		<1.00
MW-23	u	Tetrachloroethene	127-18-4	ug/L	3/18/2026		<1.00
MW-23	u	Toluene	108-88-3	ug/L	3/18/2026		<1.00
MW-23	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/18/2026		<1.00
MW-23	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/18/2026		<5.00
MW-23	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/18/2026		<10.0
MW-23	u	Trichloroethene	79-01-6	ug/L	3/18/2026		<1.00
MW-23	u	Trichlorofluoromethane	75-69-4	ug/L	3/18/2026		<4.00
MW-23	u	Vinyl Acetate	108-05-4	ug/L	3/18/2026		<10.0
MW-23	u	Vinyl Chloride	75-01-4	ug/L	3/18/2026		<1.00
MW-23	u	Xylenes, total	1330-20-7	ug/L	3/18/2026		<3.00
MW-23	u	Total Suspended Solids	TSS	mg/L	3/18/2026		<1.88
MW-24R	u	Antimony	7440-36-0	mg/L	3/18/2026		<0.00200
MW-24R	u	Arsenic	7440-38-2	mg/L	3/18/2026		<0.00200
MW-24R	u	Barium	7440-39-3	mg/L	3/18/2026		0.238
MW-24R	u	Beryllium	7440-41-7	mg/L	3/18/2026		<0.00100
MW-24R	u	Cadmium	7440-43-9	mg/L	3/18/2026		<0.000200

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-24R	u	Chromium	7440-47-3	mg/L	3/18/2026		<0.00500
MW-24R	u	Cobalt	7440-48-4	mg/L	3/18/2026		<0.000500
MW-24R	u	Copper	7440-50-8	mg/L	3/18/2026		<0.00500
MW-24R	u	Lead	7439-92-1	mg/L	3/18/2026		<0.000500
MW-24R	u	Nickel	7440-02-0	mg/L	3/18/2026		<0.00500
MW-24R	u	Selenium	7782-49-2	mg/L	3/18/2026		<0.00500
MW-24R	u	Silver	7440-22-4	mg/L	3/18/2026		<0.00100
MW-24R	u	Thallium	7440-28-0	mg/L	3/18/2026		<0.00100
MW-24R	u	Vanadium	7440-62-2	mg/L	3/18/2026		<0.00500
MW-24R	u	Zinc	7440-66-6	mg/L	3/18/2026		<0.0200
MW-24R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/18/2026		<1.00
MW-24R	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/18/2026		<1.00
MW-24R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/18/2026		<1.00
MW-24R	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/18/2026		<1.00
MW-24R	u	1,1-Dichloroethane	75-34-3	ug/L	3/18/2026		<1.00
MW-24R	u	1,1-Dichloroethene	75-35-4	ug/L	3/18/2026		<2.00
MW-24R	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/18/2026		<1.00
MW-24R	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/18/2026		<5.00
MW-24R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/18/2026		<1.00
MW-24R	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/18/2026		<1.00
MW-24R	u	1,2-Dichloroethane	107-06-2	ug/L	3/18/2026		<1.00
MW-24R	u	1,2-Dichloropropane	78-87-5	ug/L	3/18/2026		<1.00
MW-24R	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/18/2026		<1.00
MW-24R	u	2-Butanone	78-93-3	ug/L	3/18/2026		<10.0
MW-24R	u	2-Hexanone	591-78-6	ug/L	3/18/2026		<10.0
MW-24R	u	4-Methyl-2-Pentanone	108-10-1	ug/L	3/18/2026		<10.0
MW-24R	u	Acetone	67-64-1	ug/L	3/18/2026		<10.0
MW-24R	u	Acrylonitrile	107-13-1	ug/L	3/18/2026		<5.00
MW-24R	u	Benzene	71-43-2	ug/L	3/18/2026		<0.500
MW-24R	u	Bromochloromethane	74-97-5	ug/L	3/18/2026		<5.00
MW-24R	u	Bromodichloromethane	75-27-4	ug/L	3/18/2026		<1.00
MW-24R	u	Bromoform	75-25-2	ug/L	3/18/2026		<5.00
MW-24R	u	Bromomethane	74-83-9	ug/L	3/18/2026		<4.00
MW-24R	u	Carbon Disulfide	75-15-0	ug/L	3/18/2026		<1.00
MW-24R	u	Carbon Tetrachloride	56-23-5	ug/L	3/18/2026		<2.00
MW-24R	u	Chlorobenzene	108-90-7	ug/L	3/18/2026		<1.00
MW-24R	u	Chlorodibromomethane	124-48-1	ug/L	3/18/2026		<5.00
MW-24R	u	Chloroethane	75-00-3	ug/L	3/18/2026		<4.00
MW-24R	u	Chloroform	67-66-3	ug/L	3/18/2026		<3.00
MW-24R	u	Chloromethane	74-87-3	ug/L	3/18/2026		<3.00
MW-24R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/18/2026		<1.00
MW-24R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/18/2026		<5.00
MW-24R	u	Methylene Bromide	74-95-3	ug/L	3/18/2026		<1.00
MW-24R	u	Ethylbenzene	100-41-4	ug/L	3/18/2026		<1.00
MW-24R	u	Iodomethane	74-88-4	ug/L	3/18/2026		<10.0
MW-24R	u	Methylene Chloride	75-09-2	ug/L	3/18/2026		<5.00
MW-24R	u	Styrene	100-42-5	ug/L	3/18/2026		<1.00
MW-24R	u	Tetrachloroethene	127-18-4	ug/L	3/18/2026		<1.00
MW-24R	u	Toluene	108-88-3	ug/L	3/18/2026		<1.00
MW-24R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/18/2026		<1.00
MW-24R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/18/2026		<5.00
MW-24R	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/18/2026		<10.0
MW-24R	u	Trichloroethene	79-01-6	ug/L	3/18/2026		<1.00
MW-24R	u	Trichlorofluoromethane	75-69-4	ug/L	3/18/2026		<4.00
MW-24R	u	Vinyl Acetate	108-05-4	ug/L	3/18/2026		<10.0
MW-24R	u	Vinyl Chloride	75-01-4	ug/L	3/18/2026		<1.00
MW-24R	u	Xylenes, total	1330-20-7	ug/L	3/18/2026		<3.00
MW-24R	u	Total Suspended Solids	TSS	mg/L	3/18/2026		<1.88
MW-24R	u	Total Organic Carbon	TOC	mg/L	3/18/2026		1.72
MW-62	d	Arsenic	7440-38-2	mg/L	3/18/2026	J	0.000901
MW-62	d	Total Suspended Solids	TSS	mg/L	3/18/2026		3.13
MW-68	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/18/2026		<1.00
MW-68	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/18/2026		<1.00
MW-68	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/18/2026		<1.00
MW-68	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/18/2026		<1.00
MW-68	d	1,1-Dichloroethane	75-34-3	ug/L	3/18/2026	J	0.953
MW-68	d	1,1-Dichloroethene	75-35-4	ug/L	3/18/2026		<2.00
MW-68	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/18/2026		<1.00
MW-68	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/18/2026		<5.00
MW-68	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/18/2026		<1.00
MW-68	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/18/2026		<1.00
MW-68	d	1,2-Dichloroethane	107-06-2	ug/L	3/18/2026		<1.00
MW-68	d	1,2-Dichloropropane	78-87-5	ug/L	3/18/2026		<1.00
MW-68	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/18/2026		<1.00
MW-68	d	2-Butanone	78-93-3	ug/L	3/18/2026		<10.0
MW-68	d	2-Hexanone	591-78-6	ug/L	3/18/2026		<10.0
MW-68	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/18/2026		<10.0
MW-68	d	Acetone	67-64-1	ug/L	3/18/2026		<10.0
MW-68	d	Acrylonitrile	107-13-1	ug/L	3/18/2026		<5.00
MW-68	d	Benzene	71-43-2	ug/L	3/18/2026		3.88
MW-68	d	Bromochloromethane	74-97-5	ug/L	3/18/2026		<5.00
MW-68	d	Bromodichloromethane	75-27-4	ug/L	3/18/2026		<1.00
MW-68	d	Bromoform	75-25-2	ug/L	3/18/2026		<5.00
MW-68	d	Bromomethane	74-83-9	ug/L	3/18/2026		<4.00
MW-68	d	Carbon Disulfide	75-15-0	ug/L	3/18/2026		<1.00
MW-68	d	Carbon Tetrachloride	56-23-5	ug/L	3/18/2026		<2.00
MW-68	d	Chlorobenzene	108-90-7	ug/L	3/18/2026		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-68	d	Chlorodibromomethane	124-48-1	ug/L	3/18/2026		<5.00
MW-68	d	Chloroethane	75-00-3	ug/L	3/18/2026		<4.00
MW-68	d	Chloroform	67-66-3	ug/L	3/18/2026		<3.00
MW-68	d	Chloromethane	74-87-3	ug/L	3/18/2026		<3.00
MW-68	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/18/2026		5.23
MW-68	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/18/2026		<5.00
MW-68	d	Methylene Bromide	74-95-3	ug/L	3/18/2026		<1.00
MW-68	d	Ethylbenzene	100-41-4	ug/L	3/18/2026		<1.00
MW-68	d	Iodomethane	74-88-4	ug/L	3/18/2026		<10.0
MW-68	d	Methylene Chloride	75-09-2	ug/L	3/18/2026		<5.00
MW-68	d	Styrene	100-42-5	ug/L	3/18/2026		<1.00
MW-68	d	Tetrachloroethene	127-18-4	ug/L	3/18/2026		<1.00
MW-68	d	Toluene	108-88-3	ug/L	3/18/2026		<1.00
MW-68	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/18/2026		<1.00
MW-68	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/18/2026		<5.00
MW-68	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/18/2026		<10.0
MW-68	d	Trichloroethene	79-01-6	ug/L	3/18/2026		<1.00
MW-68	d	Trichlorofluoromethane	75-69-4	ug/L	3/18/2026		<4.00
MW-68	d	Vinyl Acetate	108-05-4	ug/L	3/18/2026		<10.0
MW-68	d	Vinyl Chloride	75-01-4	ug/L	3/18/2026		<1.00
MW-68	d	Xylenes, total	1330-20-7	ug/L	3/18/2026		<3.00
MW-68	d	Total Suspended Solids	TSS	mg/L	3/18/2026		9.5
MW-70	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/18/2026		<1.00
MW-70	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/18/2026		<1.00
MW-70	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/18/2026		<1.00
MW-70	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/18/2026		<1.00
MW-70	d	1,1-Dichloroethane	75-34-3	ug/L	3/18/2026		<1.00
MW-70	d	1,1-Dichloroethene	75-35-4	ug/L	3/18/2026		<2.00
MW-70	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/18/2026		<1.00
MW-70	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/18/2026		<5.00
MW-70	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/18/2026		<1.00
MW-70	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/18/2026		<1.00
MW-70	d	1,2-Dichloroethane	107-06-2	ug/L	3/18/2026		<1.00
MW-70	d	1,2-Dichloropropane	78-87-5	ug/L	3/18/2026		<1.00
MW-70	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/18/2026		<1.00
MW-70	d	2-Butanone	78-93-3	ug/L	3/18/2026		<10.0
MW-70	d	2-Hexanone	591-78-6	ug/L	3/18/2026		<10.0
MW-70	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/18/2026		<10.0
MW-70	d	Acetone	67-64-1	ug/L	3/18/2026		<10.0
MW-70	d	Acrylonitrile	107-13-1	ug/L	3/18/2026		<5.00
MW-70	d	Benzene	71-43-2	ug/L	3/18/2026		<0.500
MW-70	d	Bromochloromethane	74-97-5	ug/L	3/18/2026		<5.00
MW-70	d	Bromodichloromethane	75-27-4	ug/L	3/18/2026		<1.00
MW-70	d	Bromoform	75-25-2	ug/L	3/18/2026		<5.00
MW-70	d	Bromomethane	74-83-9	ug/L	3/18/2026		<4.00
MW-70	d	Carbon Disulfide	75-15-0	ug/L	3/18/2026		<1.00
MW-70	d	Carbon Tetrachloride	56-23-5	ug/L	3/18/2026		<2.00
MW-70	d	Chlorobenzene	108-90-7	ug/L	3/18/2026		<1.00
MW-70	d	Chlorodibromomethane	124-48-1	ug/L	3/18/2026		<5.00
MW-70	d	Chloroethane	75-00-3	ug/L	3/18/2026		<4.00
MW-70	d	Chloroform	67-66-3	ug/L	3/18/2026		<3.00
MW-70	d	Chloromethane	74-87-3	ug/L	3/18/2026		<3.00
MW-70	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/18/2026		<1.00
MW-70	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/18/2026		<5.00
MW-70	d	Methylene Bromide	74-95-3	ug/L	3/18/2026		<1.00
MW-70	d	Ethylbenzene	100-41-4	ug/L	3/18/2026		<1.00
MW-70	d	Iodomethane	74-88-4	ug/L	3/18/2026		<10.0
MW-70	d	Methylene Chloride	75-09-2	ug/L	3/18/2026		<5.00
MW-70	d	Styrene	100-42-5	ug/L	3/18/2026		<1.00
MW-70	d	Tetrachloroethene	127-18-4	ug/L	3/18/2026		<1.00
MW-70	d	Toluene	108-88-3	ug/L	3/18/2026		<1.00
MW-70	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/18/2026		<1.00
MW-70	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/18/2026		<5.00
MW-70	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/18/2026		<10.0
MW-70	d	Trichloroethene	79-01-6	ug/L	3/18/2026		<1.00
MW-70	d	Trichlorofluoromethane	75-69-4	ug/L	3/18/2026		<4.00
MW-70	d	Vinyl Acetate	108-05-4	ug/L	3/18/2026		<10.0
MW-70	d	Vinyl Chloride	75-01-4	ug/L	3/18/2026		<1.00
MW-70	d	Xylenes, total	1330-20-7	ug/L	3/18/2026		<3.00
MW-70	d	Total Suspended Solids	TSS	mg/L	3/18/2026		<1.88
MW-70	d	Total Organic Carbon	TOC	mg/L	3/18/2026		1.92
MW-39	d	Antimony	7440-36-0	mg/L	3/19/2026		<0.00200
MW-39	d	Arsenic	7440-38-2	mg/L	3/19/2026	J	0.000844
MW-39	d	Barium	7440-39-3	mg/L	3/19/2026		0.0667
MW-39	d	Beryllium	7440-41-7	mg/L	3/19/2026		<0.00100
MW-39	d	Cadmium	7440-43-9	mg/L	3/19/2026		<0.000200
MW-39	d	Chromium	7440-47-3	mg/L	3/19/2026		<0.00500
MW-39	d	Cobalt	7440-48-4	mg/L	3/19/2026		0.0063
MW-39	d	Copper	7440-50-8	mg/L	3/19/2026		<0.00500
MW-39	d	Lead	7439-92-1	mg/L	3/19/2026		<0.000500
MW-39	d	Nickel	7440-02-0	mg/L	3/19/2026		0.00608
MW-39	d	Selenium	7782-49-2	mg/L	3/19/2026		<0.00500
MW-39	d	Silver	7440-22-4	mg/L	3/19/2026		<0.00100
MW-39	d	Thallium	7440-28-0	mg/L	3/19/2026		<0.00100
MW-39	d	Vanadium	7440-62-2	mg/L	3/19/2026		<0.00500
MW-39	d	Zinc	7440-66-6	mg/L	3/19/2026		<0.0200
MW-39	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/19/2026		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-39	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/19/2026		<1.00
MW-39	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/19/2026		<1.00
MW-39	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/19/2026		<1.00
MW-39	d	1,1-Dichloroethane	75-34-3	ug/L	3/19/2026		<1.00
MW-39	d	1,1-Dichloroethene	75-35-4	ug/L	3/19/2026		<2.00
MW-39	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/19/2026		<1.00
MW-39	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/19/2026		<5.00
MW-39	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/19/2026		<1.00
MW-39	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/19/2026		<1.00
MW-39	d	1,2-Dichloroethane	107-06-2	ug/L	3/19/2026		<1.00
MW-39	d	1,2-Dichloropropane	78-87-5	ug/L	3/19/2026		<1.00
MW-39	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/19/2026		<1.00
MW-39	d	2-Butanone	78-93-3	ug/L	3/19/2026		<10.0
MW-39	d	2-Hexanone	591-78-6	ug/L	3/19/2026		<10.0
MW-39	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/19/2026		<10.0
MW-39	d	Acetone	67-64-1	ug/L	3/19/2026		<10.0
MW-39	d	Acrylonitrile	107-13-1	ug/L	3/19/2026		<5.00
MW-39	d	Benzene	71-43-2	ug/L	3/19/2026		<0.500
MW-39	d	Bromochloromethane	74-97-5	ug/L	3/19/2026		<5.00
MW-39	d	Bromodichloromethane	75-27-4	ug/L	3/19/2026		<1.00
MW-39	d	Bromoform	75-25-2	ug/L	3/19/2026		<5.00
MW-39	d	Bromomethane	74-83-9	ug/L	3/19/2026		<4.00
MW-39	d	Carbon Disulfide	75-15-0	ug/L	3/19/2026		<1.00
MW-39	d	Carbon Tetrachloride	56-23-5	ug/L	3/19/2026		<2.00
MW-39	d	Chlorobenzene	108-90-7	ug/L	3/19/2026		<1.00
MW-39	d	Chlorodibromomethane	124-48-1	ug/L	3/19/2026		<5.00
MW-39	d	Chloroethane	75-00-3	ug/L	3/19/2026		<4.00
MW-39	d	Chloroform	67-66-3	ug/L	3/19/2026		<3.00
MW-39	d	Chloromethane	74-87-3	ug/L	3/19/2026		<3.00
MW-39	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/19/2026		<1.00
MW-39	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/19/2026		<5.00
MW-39	d	Methylene Bromide	74-95-3	ug/L	3/19/2026		<1.00
MW-39	d	Ethylbenzene	100-41-4	ug/L	3/19/2026		<1.00
MW-39	d	Iodomethane	74-88-4	ug/L	3/19/2026		<10.0
MW-39	d	Methylene Chloride	75-09-2	ug/L	3/19/2026		<5.00
MW-39	d	Styrene	100-42-5	ug/L	3/19/2026		<1.00
MW-39	d	Tetrachloroethene	127-18-4	ug/L	3/19/2026		<1.00
MW-39	d	Toluene	108-88-3	ug/L	3/19/2026		<1.00
MW-39	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/19/2026		<1.00
MW-39	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/19/2026		<5.00
MW-39	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/19/2026		<10.0
MW-39	d	Trichloroethene	79-01-6	ug/L	3/19/2026		<1.00
MW-39	d	Trichlorofluoromethane	75-69-4	ug/L	3/19/2026		<4.00
MW-39	d	Vinyl Acetate	108-05-4	ug/L	3/19/2026		<10.0
MW-39	d	Vinyl Chloride	75-01-4	ug/L	3/19/2026		<1.00
MW-39	d	Xylenes, total	1330-20-7	ug/L	3/19/2026		<3.00
MW-39	d	Total Suspended Solids	TSS	mg/L	3/19/2026		<1.88
MW-55	d	Antimony	7440-36-0	mg/L	3/19/2026		<0.00200
MW-55	d	Arsenic	7440-38-2	mg/L	3/19/2026		<0.00200
MW-55	d	Barium	7440-39-3	mg/L	3/19/2026		0.052
MW-55	d	Beryllium	7440-41-7	mg/L	3/19/2026		<0.00100
MW-55	d	Cadmium	7440-43-9	mg/L	3/19/2026		<0.000200
MW-55	d	Chromium	7440-47-3	mg/L	3/19/2026		<0.00500
MW-55	d	Cobalt	7440-48-4	mg/L	3/19/2026		<0.000500
MW-55	d	Copper	7440-50-8	mg/L	3/19/2026		<0.00500
MW-55	d	Lead	7439-92-1	mg/L	3/19/2026		<0.000500
MW-55	d	Nickel	7440-02-0	mg/L	3/19/2026		<0.00500
MW-55	d	Selenium	7782-49-2	mg/L	3/19/2026		<0.00500
MW-55	d	Silver	7440-22-4	mg/L	3/19/2026		<0.00100
MW-55	d	Thallium	7440-28-0	mg/L	3/19/2026		<0.00100
MW-55	d	Vanadium	7440-62-2	mg/L	3/19/2026		<0.00500
MW-55	d	Zinc	7440-66-6	mg/L	3/19/2026		<0.0200
MW-55	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/19/2026		<1.00
MW-55	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/19/2026		<1.00
MW-55	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/19/2026		<1.00
MW-55	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/19/2026		<1.00
MW-55	d	1,1-Dichloroethane	75-34-3	ug/L	3/19/2026		<1.00
MW-55	d	1,1-Dichloroethene	75-35-4	ug/L	3/19/2026		<2.00
MW-55	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/19/2026		<1.00
MW-55	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/19/2026		<5.00
MW-55	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/19/2026		<1.00
MW-55	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/19/2026		<1.00
MW-55	d	1,2-Dichloroethane	107-06-2	ug/L	3/19/2026		<1.00
MW-55	d	1,2-Dichloropropane	78-87-5	ug/L	3/19/2026		<1.00
MW-55	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/19/2026		<1.00
MW-55	d	2-Butanone	78-93-3	ug/L	3/19/2026		<10.0
MW-55	d	2-Hexanone	591-78-6	ug/L	3/19/2026		<10.0
MW-55	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/19/2026		<10.0
MW-55	d	Acetone	67-64-1	ug/L	3/19/2026		<10.0
MW-55	d	Acrylonitrile	107-13-1	ug/L	3/19/2026		<5.00
MW-55	d	Benzene	71-43-2	ug/L	3/19/2026		<0.500
MW-55	d	Bromochloromethane	74-97-5	ug/L	3/19/2026		<5.00
MW-55	d	Bromodichloromethane	75-27-4	ug/L	3/19/2026		<1.00
MW-55	d	Bromoform	75-25-2	ug/L	3/19/2026		<5.00
MW-55	d	Bromomethane	74-83-9	ug/L	3/19/2026		<4.00
MW-55	d	Carbon Disulfide	75-15-0	ug/L	3/19/2026		<1.00
MW-55	d	Carbon Tetrachloride	56-23-5	ug/L	3/19/2026		<2.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-55	d	Chlorobenzene	108-90-7	ug/L	3/19/2026		<1.00
MW-55	d	Chlorodibromomethane	124-48-1	ug/L	3/19/2026		<5.00
MW-55	d	Chloroethane	75-00-3	ug/L	3/19/2026		<4.00
MW-55	d	Chloroform	67-66-3	ug/L	3/19/2026		<3.00
MW-55	d	Chloromethane	74-87-3	ug/L	3/19/2026		<3.00
MW-55	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/19/2026		<1.00
MW-55	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/19/2026		<5.00
MW-55	d	Methylene Bromide	74-95-3	ug/L	3/19/2026		<1.00
MW-55	d	Ethylbenzene	100-41-4	ug/L	3/19/2026		<1.00
MW-55	d	Iodomethane	74-88-4	ug/L	3/19/2026		<10.0
MW-55	d	Methylene Chloride	75-09-2	ug/L	3/19/2026		<5.00
MW-55	d	Styrene	100-42-5	ug/L	3/19/2026		<1.00
MW-55	d	Tetrachloroethene	127-18-4	ug/L	3/19/2026		<1.00
MW-55	d	Toluene	108-88-3	ug/L	3/19/2026		<1.00
MW-55	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/19/2026		<1.00
MW-55	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/19/2026		<5.00
MW-55	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/19/2026		<10.0
MW-55	d	Trichloroethene	79-01-6	ug/L	3/19/2026		<1.00
MW-55	d	Trichlorofluoromethane	75-69-4	ug/L	3/19/2026		<4.00
MW-55	d	Vinyl Acetate	108-05-4	ug/L	3/19/2026		<10.0
MW-55	d	Vinyl Chloride	75-01-4	ug/L	3/19/2026		<1.00
MW-55	d	Xylenes, total	1330-20-7	ug/L	3/19/2026		<3.00
MW-55	d	Sulfide	18496-25-8	mg/L	3/19/2026		<1.00
MW-55	d	Sulfide as H2S	STL00456	mg/L	3/19/2026		<1.00
MW-55	d	Total Suspended Solids	TSS	mg/L	3/19/2026	J	1.13
MW-18	d	Antimony	7440-36-0	mg/L	3/19/2026		<0.00200
MW-18	d	Arsenic	7440-38-2	mg/L	3/19/2026	J	0.000809
MW-18	d	Barium	7440-39-3	mg/L	3/19/2026		0.118
MW-18	d	Beryllium	7440-41-7	mg/L	3/19/2026		<0.00100
MW-18	d	Cadmium	7440-43-9	mg/L	3/19/2026		<0.000200
MW-18	d	Chromium	7440-47-3	mg/L	3/19/2026		<0.00500
MW-18	d	Cobalt	7440-48-4	mg/L	3/19/2026		0.00103
MW-18	d	Copper	7440-50-8	mg/L	3/19/2026		<0.00500
MW-18	d	Lead	7439-92-1	mg/L	3/19/2026		<0.000500
MW-18	d	Nickel	7440-02-0	mg/L	3/19/2026	J	0.00238
MW-18	d	Selenium	7782-49-2	mg/L	3/19/2026		<0.00500
MW-18	d	Silver	7440-22-4	mg/L	3/19/2026		<0.00100
MW-18	d	Thallium	7440-28-0	mg/L	3/19/2026		<0.00100
MW-18	d	Vanadium	7440-62-2	mg/L	3/19/2026		<0.00500
MW-18	d	Zinc	7440-66-6	mg/L	3/19/2026		<0.0200
MW-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/19/2026		<1.00
MW-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/19/2026		<1.00
MW-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/19/2026		<1.00
MW-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/19/2026		<1.00
MW-18	d	1,1-Dichloroethane	75-34-3	ug/L	3/19/2026		<1.00
MW-18	d	1,1-Dichloroethene	75-35-4	ug/L	3/19/2026		<2.00
MW-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/19/2026		<1.00
MW-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/19/2026		<5.00
MW-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/19/2026		<1.00
MW-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/19/2026		<1.00
MW-18	d	1,2-Dichloroethane	107-06-2	ug/L	3/19/2026		<1.00
MW-18	d	1,2-Dichloropropane	78-87-5	ug/L	3/19/2026		<1.00
MW-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/19/2026		<1.00
MW-18	d	2-Butanone	78-93-3	ug/L	3/19/2026		<10.0
MW-18	d	2-Hexanone	591-78-6	ug/L	3/19/2026		<10.0
MW-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/19/2026		<10.0
MW-18	d	Acetone	67-64-1	ug/L	3/19/2026		<10.0
MW-18	d	Acrylonitrile	107-13-1	ug/L	3/19/2026		<5.00
MW-18	d	Benzene	71-43-2	ug/L	3/19/2026		<0.500
MW-18	d	Bromochloromethane	74-97-5	ug/L	3/19/2026		<5.00
MW-18	d	Bromodichloromethane	75-27-4	ug/L	3/19/2026		<1.00
MW-18	d	Bromoform	75-25-2	ug/L	3/19/2026		<5.00
MW-18	d	Bromomethane	74-83-9	ug/L	3/19/2026		<4.00
MW-18	d	Carbon Disulfide	75-15-0	ug/L	3/19/2026		<1.00
MW-18	d	Carbon Tetrachloride	56-23-5	ug/L	3/19/2026		<2.00
MW-18	d	Chlorobenzene	108-90-7	ug/L	3/19/2026		<1.00
MW-18	d	Chlorodibromomethane	124-48-1	ug/L	3/19/2026		<5.00
MW-18	d	Chloroethane	75-00-3	ug/L	3/19/2026		<4.00
MW-18	d	Chloroform	67-66-3	ug/L	3/19/2026		<3.00
MW-18	d	Chloromethane	74-87-3	ug/L	3/19/2026		<3.00
MW-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/19/2026		<1.00
MW-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/19/2026		<5.00
MW-18	d	Methylene Bromide	74-95-3	ug/L	3/19/2026		<1.00
MW-18	d	Ethylbenzene	100-41-4	ug/L	3/19/2026		<1.00
MW-18	d	Iodomethane	74-88-4	ug/L	3/19/2026		<10.0
MW-18	d	Methylene Chloride	75-09-2	ug/L	3/19/2026		<5.00
MW-18	d	Styrene	100-42-5	ug/L	3/19/2026		<1.00
MW-18	d	Tetrachloroethene	127-18-4	ug/L	3/19/2026		<1.00
MW-18	d	Toluene	108-88-3	ug/L	3/19/2026		<1.00
MW-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/19/2026		<1.00
MW-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/19/2026		<5.00
MW-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/19/2026		<10.0
MW-18	d	Trichloroethene	79-01-6	ug/L	3/19/2026		<1.00
MW-18	d	Trichlorofluoromethane	75-69-4	ug/L	3/19/2026		<4.00
MW-18	d	Vinyl Acetate	108-05-4	ug/L	3/19/2026		<10.0
MW-18	d	Vinyl Chloride	75-01-4	ug/L	3/19/2026		<1.00
MW-18	d	Xylenes, total	1330-20-7	ug/L	3/19/2026		<3.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-18	d	Total Suspended Solids	TSS	mg/L	3/19/2026		2
MW-19	d	Antimony	7440-36-0	mg/L	3/19/2026		<0.00200
MW-19	d	Arsenic	7440-38-2	mg/L	3/19/2026		<0.00200
MW-19	d	Barium	7440-39-3	mg/L	3/19/2026		0.0431
MW-19	d	Beryllium	7440-41-7	mg/L	3/19/2026		<0.00100
MW-19	d	Cadmium	7440-43-9	mg/L	3/19/2026		<0.000200
MW-19	d	Chromium	7440-47-3	mg/L	3/19/2026		<0.00500
MW-19	d	Cobalt	7440-48-4	mg/L	3/19/2026		<0.000500
MW-19	d	Copper	7440-50-8	mg/L	3/19/2026		<0.00500
MW-19	d	Lead	7439-92-1	mg/L	3/19/2026		<0.000500
MW-19	d	Nickel	7440-02-0	mg/L	3/19/2026		<0.00500
MW-19	d	Selenium	7782-49-2	mg/L	3/19/2026		<0.00500
MW-19	d	Silver	7440-22-4	mg/L	3/19/2026		<0.00100
MW-19	d	Thallium	7440-28-0	mg/L	3/19/2026		<0.00100
MW-19	d	Vanadium	7440-62-2	mg/L	3/19/2026		<0.00500
MW-19	d	Zinc	7440-66-6	mg/L	3/19/2026		<0.0200
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/19/2026		<1.00
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/19/2026		<1.00
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/19/2026		<1.00
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/19/2026		<1.00
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	3/19/2026		<1.00
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	3/19/2026		<2.00
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/19/2026		<1.00
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/19/2026		<5.00
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/19/2026		<1.00
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/19/2026		<1.00
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	3/19/2026		<1.00
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	3/19/2026		<1.00
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/19/2026		<1.00
MW-19	d	2-Butanone	78-93-3	ug/L	3/19/2026		<10.0
MW-19	d	2-Hexanone	591-78-6	ug/L	3/19/2026		<10.0
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/19/2026		<10.0
MW-19	d	Acetone	67-64-1	ug/L	3/19/2026		<10.0
MW-19	d	Acrylonitrile	107-13-1	ug/L	3/19/2026		<5.00
MW-19	d	Benzene	71-43-2	ug/L	3/19/2026		<0.500
MW-19	d	Bromochloromethane	74-97-5	ug/L	3/19/2026		<5.00
MW-19	d	Bromodichloromethane	75-27-4	ug/L	3/19/2026		<1.00
MW-19	d	Bromoform	75-25-2	ug/L	3/19/2026		<5.00
MW-19	d	Bromomethane	74-83-9	ug/L	3/19/2026		<4.00
MW-19	d	Carbon Disulfide	75-15-0	ug/L	3/19/2026		<1.00
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	3/19/2026		<2.00
MW-19	d	Chlorobenzene	108-90-7	ug/L	3/19/2026		<1.00
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	3/19/2026		<5.00
MW-19	d	Chloroethane	75-00-3	ug/L	3/19/2026		<4.00
MW-19	d	Chloroform	67-66-3	ug/L	3/19/2026		<3.00
MW-19	d	Chloromethane	74-87-3	ug/L	3/19/2026		<3.00
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/19/2026		<1.00
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/19/2026		<5.00
MW-19	d	Methylene Bromide	74-95-3	ug/L	3/19/2026		<1.00
MW-19	d	Ethylbenzene	100-41-4	ug/L	3/19/2026		<1.00
MW-19	d	Iodomethane	74-88-4	ug/L	3/19/2026		<10.0
MW-19	d	Methylene Chloride	75-09-2	ug/L	3/19/2026		<5.00
MW-19	d	Styrene	100-42-5	ug/L	3/19/2026		<1.00
MW-19	d	Tetrachloroethene	127-18-4	ug/L	3/19/2026		<1.00
MW-19	d	Toluene	108-88-3	ug/L	3/19/2026		<1.00
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/19/2026		<1.00
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/19/2026		<5.00
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/19/2026		<10.0
MW-19	d	Trichloroethene	79-01-6	ug/L	3/19/2026		<1.00
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	3/19/2026		<4.00
MW-19	d	Vinyl Acetate	108-05-4	ug/L	3/19/2026		<10.0
MW-19	d	Vinyl Chloride	75-01-4	ug/L	3/19/2026		<1.00
MW-19	d	Xylenes, total	1330-20-7	ug/L	3/19/2026		<3.00
MW-19	d	Total Suspended Solids	TSS	mg/L	3/19/2026		<1.88
MW-28	d	Antimony	7440-36-0	mg/L	3/19/2026		<0.00200
MW-28	d	Arsenic	7440-38-2	mg/L	3/19/2026		0.0065
MW-28	d	Barium	7440-39-3	mg/L	3/19/2026		0.089
MW-28	d	Beryllium	7440-41-7	mg/L	3/19/2026		<0.00100
MW-28	d	Cadmium	7440-43-9	mg/L	3/19/2026		<0.000200
MW-28	d	Chromium	7440-47-3	mg/L	3/19/2026		<0.00500
MW-28	d	Cobalt	7440-48-4	mg/L	3/19/2026	J	0.000181
MW-28	d	Copper	7440-50-8	mg/L	3/19/2026		<0.00500
MW-28	d	Lead	7439-92-1	mg/L	3/19/2026		<0.000500
MW-28	d	Nickel	7440-02-0	mg/L	3/19/2026		<0.00500
MW-28	d	Selenium	7782-49-2	mg/L	3/19/2026		<0.00500
MW-28	d	Silver	7440-22-4	mg/L	3/19/2026	*+	<0.00100
MW-28	d	Thallium	7440-28-0	mg/L	3/19/2026	^1+	<0.00100
MW-28	d	Vanadium	7440-62-2	mg/L	3/19/2026		<0.00500
MW-28	d	Zinc	7440-66-6	mg/L	3/19/2026		<0.0200
MW-28	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/19/2026		<1.00
MW-28	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/19/2026		<1.00
MW-28	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/19/2026		<1.00
MW-28	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/19/2026		<1.00
MW-28	d	1,1-Dichloroethane	75-34-3	ug/L	3/19/2026		<1.00
MW-28	d	1,1-Dichloroethene	75-35-4	ug/L	3/19/2026		<2.00
MW-28	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/19/2026		<1.00
MW-28	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/19/2026		<5.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-28	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/19/2026		<1.00
MW-28	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/19/2026		<1.00
MW-28	d	1,2-Dichloroethane	107-06-2	ug/L	3/19/2026		<1.00
MW-28	d	1,2-Dichloropropane	78-87-5	ug/L	3/19/2026		<1.00
MW-28	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/19/2026		<1.00
MW-28	d	2-Butanone	78-93-3	ug/L	3/19/2026		<10.0
MW-28	d	2-Hexanone	591-78-6	ug/L	3/19/2026		<10.0
MW-28	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/19/2026		<10.0
MW-28	d	Acetone	67-64-1	ug/L	3/19/2026		<10.0
MW-28	d	Acrylonitrile	107-13-1	ug/L	3/19/2026		<5.00
MW-28	d	Benzene	71-43-2	ug/L	3/19/2026		<0.500
MW-28	d	Bromochloromethane	74-97-5	ug/L	3/19/2026		<5.00
MW-28	d	Bromodichloromethane	75-27-4	ug/L	3/19/2026		<1.00
MW-28	d	Bromoform	75-25-2	ug/L	3/19/2026		<5.00
MW-28	d	Bromomethane	74-83-9	ug/L	3/19/2026		<4.00
MW-28	d	Carbon Disulfide	75-15-0	ug/L	3/19/2026		<1.00
MW-28	d	Carbon Tetrachloride	56-23-5	ug/L	3/19/2026		<2.00
MW-28	d	Chlorobenzene	108-90-7	ug/L	3/19/2026		<1.00
MW-28	d	Chlorodibromomethane	124-48-1	ug/L	3/19/2026		<5.00
MW-28	d	Chloroethane	75-00-3	ug/L	3/19/2026		<4.00
MW-28	d	Chloroform	67-66-3	ug/L	3/19/2026		<3.00
MW-28	d	Chloromethane	74-87-3	ug/L	3/19/2026		<3.00
MW-28	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/19/2026		<1.00
MW-28	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/19/2026		<5.00
MW-28	d	Methylene Bromide	74-95-3	ug/L	3/19/2026		<1.00
MW-28	d	Ethylbenzene	100-41-4	ug/L	3/19/2026		<1.00
MW-28	d	Iodomethane	74-88-4	ug/L	3/19/2026		<10.0
MW-28	d	Methylene Chloride	75-09-2	ug/L	3/19/2026		<5.00
MW-28	d	Styrene	100-42-5	ug/L	3/19/2026		<1.00
MW-28	d	Tetrachloroethene	127-18-4	ug/L	3/19/2026		<1.00
MW-28	d	Toluene	108-88-3	ug/L	3/19/2026		<1.00
MW-28	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/19/2026		<1.00
MW-28	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/19/2026		<5.00
MW-28	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/19/2026		<10.0
MW-28	d	Trichloroethene	79-01-6	ug/L	3/19/2026		<1.00
MW-28	d	Trichlorofluoromethane	75-69-4	ug/L	3/19/2026		<4.00
MW-28	d	Vinyl Acetate	108-05-4	ug/L	3/19/2026		<10.0
MW-28	d	Vinyl Chloride	75-01-4	ug/L	3/19/2026		<1.00
MW-28	d	Xylenes, total	1330-20-7	ug/L	3/19/2026		<3.00
MW-28	d	Total Suspended Solids	TSS	mg/L	3/19/2026		4.38
MW-33R	d	Antimony	7440-36-0	mg/L	3/20/2026		<0.00200
MW-33R	d	Arsenic	7440-38-2	mg/L	3/20/2026		0.00704
MW-33R	d	Barium	7440-39-3	mg/L	3/20/2026		0.619
MW-33R	d	Beryllium	7440-41-7	mg/L	3/20/2026		<0.00100
MW-33R	d	Cadmium	7440-43-9	mg/L	3/20/2026		0.000203
MW-33R	d	Chromium	7440-47-3	mg/L	3/20/2026		<0.00500
MW-33R	d	Cobalt	7440-48-4	mg/L	3/20/2026		0.00854
MW-33R	d	Copper	7440-50-8	mg/L	3/20/2026		<0.00500
MW-33R	d	Lead	7439-92-1	mg/L	3/20/2026		<0.000500
MW-33R	d	Nickel	7440-02-0	mg/L	3/20/2026		0.00514
MW-33R	d	Selenium	7782-49-2	mg/L	3/20/2026		<0.00500
MW-33R	d	Silver	7440-22-4	mg/L	3/20/2026		<0.00100
MW-33R	d	Thallium	7440-28-0	mg/L	3/20/2026	^1+	<0.00100
MW-33R	d	Vanadium	7440-62-2	mg/L	3/20/2026		<0.00500
MW-33R	d	Zinc	7440-66-6	mg/L	3/20/2026		<0.0200
MW-33R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/20/2026		<1.00
MW-33R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/20/2026		<1.00
MW-33R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/20/2026		<1.00
MW-33R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/20/2026		<1.00
MW-33R	d	1,1-Dichloroethane	75-34-3	ug/L	3/20/2026		<1.00
MW-33R	d	1,1-Dichloroethene	75-35-4	ug/L	3/20/2026		<2.00
MW-33R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/20/2026		<1.00
MW-33R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/20/2026		<5.00
MW-33R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/20/2026		<1.00
MW-33R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/20/2026		<1.00
MW-33R	d	1,2-Dichloroethane	107-06-2	ug/L	3/20/2026		<1.00
MW-33R	d	1,2-Dichloropropane	78-87-5	ug/L	3/20/2026		<1.00
MW-33R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/20/2026		<1.00
MW-33R	d	2-Butanone	78-93-3	ug/L	3/20/2026		<10.0
MW-33R	d	2-Hexanone	591-78-6	ug/L	3/20/2026		<10.0
MW-33R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/20/2026		<10.0
MW-33R	d	Acetone	67-64-1	ug/L	3/20/2026		<10.0
MW-33R	d	Acrylonitrile	107-13-1	ug/L	3/20/2026		<5.00
MW-33R	d	Benzene	71-43-2	ug/L	3/20/2026		<0.500
MW-33R	d	Bromochloromethane	74-97-5	ug/L	3/20/2026		<5.00
MW-33R	d	Bromodichloromethane	75-27-4	ug/L	3/20/2026		<1.00
MW-33R	d	Bromoform	75-25-2	ug/L	3/20/2026		<5.00
MW-33R	d	Bromomethane	74-83-9	ug/L	3/20/2026		<4.00
MW-33R	d	Carbon Disulfide	75-15-0	ug/L	3/20/2026		<1.00
MW-33R	d	Carbon Tetrachloride	56-23-5	ug/L	3/20/2026		<2.00
MW-33R	d	Chlorobenzene	108-90-7	ug/L	3/20/2026		<1.00
MW-33R	d	Chlorodibromomethane	124-48-1	ug/L	3/20/2026		<5.00
MW-33R	d	Chloroethane	75-00-3	ug/L	3/20/2026		<4.00
MW-33R	d	Chloroform	67-66-3	ug/L	3/20/2026		<3.00
MW-33R	d	Chloromethane	74-87-3	ug/L	3/20/2026		<3.00
MW-33R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/20/2026		<1.00
MW-33R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/20/2026		<5.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-33R	d	Methylene Bromide	74-95-3	ug/L	3/20/2026		<1.00
MW-33R	d	Ethylbenzene	100-41-4	ug/L	3/20/2026		<1.00
MW-33R	d	Iodomethane	74-88-4	ug/L	3/20/2026		<10.0
MW-33R	d	Methylene Chloride	75-09-2	ug/L	3/20/2026		<5.00
MW-33R	d	Styrene	100-42-5	ug/L	3/20/2026		<1.00
MW-33R	d	Tetrachloroethene	127-18-4	ug/L	3/20/2026		<1.00
MW-33R	d	Toluene	108-88-3	ug/L	3/20/2026		<1.00
MW-33R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/20/2026		<1.00
MW-33R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/20/2026		<5.00
MW-33R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/20/2026		<10.0
MW-33R	d	Trichloroethene	79-01-6	ug/L	3/20/2026		<1.00
MW-33R	d	Trichlorofluoromethane	75-69-4	ug/L	3/20/2026		<4.00
MW-33R	d	Vinyl Acetate	108-05-4	ug/L	3/20/2026		<10.0
MW-33R	d	Vinyl Chloride	75-01-4	ug/L	3/20/2026		<1.00
MW-33R	d	Xylenes, total	1330-20-7	ug/L	3/20/2026		<3.00
MW-33R	d	Total Suspended Solids	TSS	mg/L	3/20/2026		6.63
MW-33R	d	Total Organic Carbon	TOC	mg/L	3/20/2026		2.46
MW-56	d	Antimony	7440-36-0	mg/L	3/19/2026		<0.00200
MW-56	d	Arsenic	7440-38-2	mg/L	3/19/2026		0.00576
MW-56	d	Barium	7440-39-3	mg/L	3/19/2026		0.224
MW-56	d	Beryllium	7440-41-7	mg/L	3/19/2026		<0.00100
MW-56	d	Cadmium	7440-43-9	mg/L	3/19/2026	J	0.000119
MW-56	d	Chromium	7440-47-3	mg/L	3/19/2026		<0.00500
MW-56	d	Cobalt	7440-48-4	mg/L	3/19/2026		0.00931
MW-56	d	Copper	7440-50-8	mg/L	3/19/2026		<0.00500
MW-56	d	Lead	7439-92-1	mg/L	3/19/2026		<0.000500
MW-56	d	Nickel	7440-02-0	mg/L	3/19/2026		0.0119
MW-56	d	Selenium	7782-49-2	mg/L	3/19/2026		<0.00500
MW-56	d	Silver	7440-22-4	mg/L	3/19/2026	*+	<0.00100
MW-56	d	Thallium	7440-28-0	mg/L	3/19/2026	^1+	<0.00100
MW-56	d	Vanadium	7440-62-2	mg/L	3/19/2026		<0.00500
MW-56	d	Zinc	7440-66-6	mg/L	3/19/2026		<0.0200
MW-56	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/19/2026		<1.00
MW-56	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/19/2026		<1.00
MW-56	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/19/2026		<1.00
MW-56	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/19/2026		<1.00
MW-56	d	1,1-Dichloroethane	75-34-3	ug/L	3/19/2026		<1.00
MW-56	d	1,1-Dichloroethene	75-35-4	ug/L	3/19/2026		<2.00
MW-56	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/19/2026		<1.00
MW-56	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/19/2026		<5.00
MW-56	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/19/2026		<1.00
MW-56	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/19/2026		<1.00
MW-56	d	1,2-Dichloroethane	107-06-2	ug/L	3/19/2026		<1.00
MW-56	d	1,2-Dichloropropane	78-87-5	ug/L	3/19/2026		<1.00
MW-56	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/19/2026		<1.00
MW-56	d	2-Butanone	78-93-3	ug/L	3/19/2026		<10.0
MW-56	d	2-Hexanone	591-78-6	ug/L	3/19/2026		<10.0
MW-56	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/19/2026		<10.0
MW-56	d	Acetone	67-64-1	ug/L	3/19/2026		<10.0
MW-56	d	Acrylonitrile	107-13-1	ug/L	3/19/2026		<5.00
MW-56	d	Benzene	71-43-2	ug/L	3/19/2026		<0.500
MW-56	d	Bromochloromethane	74-97-5	ug/L	3/19/2026		<5.00
MW-56	d	Bromodichloromethane	75-27-4	ug/L	3/19/2026		<1.00
MW-56	d	Bromoform	75-25-2	ug/L	3/19/2026		<5.00
MW-56	d	Bromomethane	74-83-9	ug/L	3/19/2026		<4.00
MW-56	d	Carbon Disulfide	75-15-0	ug/L	3/19/2026		<1.00
MW-56	d	Carbon Tetrachloride	56-23-5	ug/L	3/19/2026		<2.00
MW-56	d	Chlorobenzene	108-90-7	ug/L	3/19/2026		<1.00
MW-56	d	Chlorodibromomethane	124-48-1	ug/L	3/19/2026		<5.00
MW-56	d	Chloroethane	75-00-3	ug/L	3/19/2026		<4.00
MW-56	d	Chloroform	67-66-3	ug/L	3/19/2026		<3.00
MW-56	d	Chloromethane	74-87-3	ug/L	3/19/2026		<3.00
MW-56	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/19/2026		<1.00
MW-56	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/19/2026		<5.00
MW-56	d	Methylene Bromide	74-95-3	ug/L	3/19/2026		<1.00
MW-56	d	Ethylbenzene	100-41-4	ug/L	3/19/2026		<1.00
MW-56	d	Iodomethane	74-88-4	ug/L	3/19/2026		<10.0
MW-56	d	Methylene Chloride	75-09-2	ug/L	3/19/2026		<5.00
MW-56	d	Styrene	100-42-5	ug/L	3/19/2026		<1.00
MW-56	d	Tetrachloroethene	127-18-4	ug/L	3/19/2026		<1.00
MW-56	d	Toluene	108-88-3	ug/L	3/19/2026		<1.00
MW-56	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/19/2026		<1.00
MW-56	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/19/2026		<5.00
MW-56	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/19/2026		<10.0
MW-56	d	Trichloroethene	79-01-6	ug/L	3/19/2026		<1.00
MW-56	d	Trichlorofluoromethane	75-69-4	ug/L	3/19/2026		<4.00
MW-56	d	Vinyl Acetate	108-05-4	ug/L	3/19/2026		<10.0
MW-56	d	Vinyl Chloride	75-01-4	ug/L	3/19/2026		<1.00
MW-56	d	Xylenes, total	1330-20-7	ug/L	3/19/2026		<3.00
MW-56	d	Total Suspended Solids	TSS	mg/L	3/19/2026		4.88
MW-73	d	Antimony	7440-36-0	mg/L	3/19/2026	J	0.00119
MW-73	d	Arsenic	7440-38-2	mg/L	3/19/2026		0.00393
MW-73	d	Barium	7440-39-3	mg/L	3/19/2026		0.188
MW-73	d	Beryllium	7440-41-7	mg/L	3/19/2026		<0.00100
MW-73	d	Cadmium	7440-43-9	mg/L	3/19/2026	J	0.000113
MW-73	d	Chromium	7440-47-3	mg/L	3/19/2026		<0.00500
MW-73	d	Cobalt	7440-48-4	mg/L	3/19/2026		0.00221

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-73	d	Copper	7440-50-8	mg/L	3/19/2026		<0.00500
MW-73	d	Lead	7439-92-1	mg/L	3/19/2026		<0.000500
MW-73	d	Nickel	7440-02-0	mg/L	3/19/2026		0.0103
MW-73	d	Selenium	7782-49-2	mg/L	3/19/2026		<0.00500
MW-73	d	Silver	7440-22-4	mg/L	3/19/2026	*+	<0.00100
MW-73	d	Thallium	7440-28-0	mg/L	3/19/2026	^1+	<0.00100
MW-73	d	Vanadium	7440-62-2	mg/L	3/19/2026		<0.00500
MW-73	d	Zinc	7440-66-6	mg/L	3/19/2026		<0.0200
MW-73	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/19/2026		<1.00
MW-73	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/19/2026		<1.00
MW-73	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/19/2026		<1.00
MW-73	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/19/2026		<1.00
MW-73	d	1,1-Dichloroethane	75-34-3	ug/L	3/19/2026		<1.00
MW-73	d	1,1-Dichloroethene	75-35-4	ug/L	3/19/2026		<2.00
MW-73	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/19/2026		<1.00
MW-73	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/19/2026		<5.00
MW-73	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/19/2026		<1.00
MW-73	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/19/2026		<1.00
MW-73	d	1,2-Dichloroethane	107-06-2	ug/L	3/19/2026		<1.00
MW-73	d	1,2-Dichloropropane	78-87-5	ug/L	3/19/2026		<1.00
MW-73	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/19/2026		<1.00
MW-73	d	2-Butanone	78-93-3	ug/L	3/19/2026		<10.0
MW-73	d	2-Hexanone	591-78-6	ug/L	3/19/2026		<10.0
MW-73	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/19/2026		<10.0
MW-73	d	Acetone	67-64-1	ug/L	3/19/2026		<10.0
MW-73	d	Acrylonitrile	107-13-1	ug/L	3/19/2026		<5.00
MW-73	d	Benzene	71-43-2	ug/L	3/19/2026		<0.500
MW-73	d	Bromochloromethane	74-97-5	ug/L	3/19/2026		<5.00
MW-73	d	Bromodichloromethane	75-27-4	ug/L	3/19/2026		<1.00
MW-73	d	Bromoform	75-25-2	ug/L	3/19/2026		<5.00
MW-73	d	Bromomethane	74-83-9	ug/L	3/19/2026		<4.00
MW-73	d	Carbon Disulfide	75-15-0	ug/L	3/19/2026		<1.00
MW-73	d	Carbon Tetrachloride	56-23-5	ug/L	3/19/2026		<2.00
MW-73	d	Chlorobenzene	108-90-7	ug/L	3/19/2026		<1.00
MW-73	d	Chlorodibromomethane	124-48-1	ug/L	3/19/2026		<5.00
MW-73	d	Chloroethane	75-00-3	ug/L	3/19/2026		<4.00
MW-73	d	Chloroform	67-66-3	ug/L	3/19/2026		<3.00
MW-73	d	Chloromethane	74-87-3	ug/L	3/19/2026		<3.00
MW-73	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/19/2026		<1.00
MW-73	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/19/2026		<5.00
MW-73	d	Methylene Bromide	74-95-3	ug/L	3/19/2026		<1.00
MW-73	d	Ethylbenzene	100-41-4	ug/L	3/19/2026		<1.00
MW-73	d	Iodomethane	74-88-4	ug/L	3/19/2026		<10.0
MW-73	d	Methylene Chloride	75-09-2	ug/L	3/19/2026		<5.00
MW-73	d	Styrene	100-42-5	ug/L	3/19/2026		<1.00
MW-73	d	Tetrachloroethene	127-18-4	ug/L	3/19/2026		<1.00
MW-73	d	Toluene	108-88-3	ug/L	3/19/2026		<1.00
MW-73	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/19/2026		<1.00
MW-73	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/19/2026		<5.00
MW-73	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/19/2026		<10.0
MW-73	d	Trichloroethene	79-01-6	ug/L	3/19/2026		<1.00
MW-73	d	Trichlorofluoromethane	75-69-4	ug/L	3/19/2026		<4.00
MW-73	d	Vinyl Acetate	108-05-4	ug/L	3/19/2026		<10.0
MW-73	d	Vinyl Chloride	75-01-4	ug/L	3/19/2026		<1.00
MW-73	d	Xylenes, total	1330-20-7	ug/L	3/19/2026		<3.00
MW-73	d	Total Suspended Solids	TSS	mg/L	3/19/2026		19.5
MW-73	d	Total Organic Carbon	TOC	mg/L	3/19/2026		5.63
MW-60	d	Arsenic	7440-38-2	mg/L	3/19/2026		<0.00200
MW-60	d	Cobalt	7440-48-4	mg/L	3/19/2026		<0.000500
MW-60	d	Total Suspended Solids	TSS	mg/L	3/19/2026		<1.88
MW-58	d	Antimony	7440-36-0	mg/L	3/19/2026		<0.00200
MW-58	d	Arsenic	7440-38-2	mg/L	3/19/2026		0.0272
MW-58	d	Barium	7440-39-3	mg/L	3/19/2026		0.628
MW-58	d	Beryllium	7440-41-7	mg/L	3/19/2026		<0.00100
MW-58	d	Cadmium	7440-43-9	mg/L	3/19/2026		<0.000200
MW-58	d	Chromium	7440-47-3	mg/L	3/19/2026		<0.00500
MW-58	d	Cobalt	7440-48-4	mg/L	3/19/2026		0.00131
MW-58	d	Copper	7440-50-8	mg/L	3/19/2026		0.00601
MW-58	d	Lead	7439-92-1	mg/L	3/19/2026		<0.000500
MW-58	d	Nickel	7440-02-0	mg/L	3/19/2026		0.015
MW-58	d	Selenium	7782-49-2	mg/L	3/19/2026		<0.00500
MW-58	d	Silver	7440-22-4	mg/L	3/19/2026	*+	<0.00100
MW-58	d	Thallium	7440-28-0	mg/L	3/19/2026	^1+	<0.00100
MW-58	d	Vanadium	7440-62-2	mg/L	3/19/2026		<0.00500
MW-58	d	Zinc	7440-66-6	mg/L	3/19/2026	J	0.0142
MW-58	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/19/2026		<1.00
MW-58	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/19/2026		<1.00
MW-58	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/19/2026		<1.00
MW-58	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/19/2026		<1.00
MW-58	d	1,1-Dichloroethane	75-34-3	ug/L	3/19/2026		<1.00
MW-58	d	1,1-Dichloroethene	75-35-4	ug/L	3/19/2026		<2.00
MW-58	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/19/2026		<1.00
MW-58	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/19/2026		<5.00
MW-58	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/19/2026		<1.00
MW-58	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/19/2026		<1.00
MW-58	d	1,2-Dichloroethane	107-06-2	ug/L	3/19/2026		<1.00
MW-58	d	1,2-Dichloropropane	78-87-5	ug/L	3/19/2026		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-58	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/19/2026		<1.00
MW-58	d	2-Butanone	78-93-3	ug/L	3/19/2026		<10.0
MW-58	d	2-Hexanone	591-78-6	ug/L	3/19/2026		<10.0
MW-58	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/19/2026		<10.0
MW-58	d	Acetone	67-64-1	ug/L	3/19/2026	J	4.54
MW-58	d	Acrylonitrile	107-13-1	ug/L	3/19/2026		<5.00
MW-58	d	Benzene	71-43-2	ug/L	3/19/2026		2.85
MW-58	d	Bromochloromethane	74-97-5	ug/L	3/19/2026		<5.00
MW-58	d	Bromodichloromethane	75-27-4	ug/L	3/19/2026		<1.00
MW-58	d	Bromoform	75-25-2	ug/L	3/19/2026		<5.00
MW-58	d	Bromomethane	74-83-9	ug/L	3/19/2026		<4.00
MW-58	d	Carbon Disulfide	75-15-0	ug/L	3/19/2026		<1.00
MW-58	d	Carbon Tetrachloride	56-23-5	ug/L	3/19/2026		<2.00
MW-58	d	Chlorobenzene	108-90-7	ug/L	3/19/2026		5.85
MW-58	d	Chlorodibromomethane	124-48-1	ug/L	3/19/2026		<5.00
MW-58	d	Chloroethane	75-00-3	ug/L	3/19/2026		<4.00
MW-58	d	Chloroform	67-66-3	ug/L	3/19/2026		<3.00
MW-58	d	Chloromethane	74-87-3	ug/L	3/19/2026		<3.00
MW-58	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/19/2026		<1.00
MW-58	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/19/2026		<5.00
MW-58	d	Methylene Bromide	74-95-3	ug/L	3/19/2026		<1.00
MW-58	d	Ethylbenzene	100-41-4	ug/L	3/19/2026		<1.00
MW-58	d	Iodomethane	74-88-4	ug/L	3/19/2026		<10.0
MW-58	d	Methylene Chloride	75-09-2	ug/L	3/19/2026		<5.00
MW-58	d	Styrene	100-42-5	ug/L	3/19/2026		<1.00
MW-58	d	Tetrachloroethene	127-18-4	ug/L	3/19/2026		<1.00
MW-58	d	Toluene	108-88-3	ug/L	3/19/2026		<1.00
MW-58	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/19/2026		<1.00
MW-58	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/19/2026		<5.00
MW-58	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/19/2026		<10.0
MW-58	d	Trichloroethene	79-01-6	ug/L	3/19/2026		<1.00
MW-58	d	Trichlorofluoromethane	75-69-4	ug/L	3/19/2026		<4.00
MW-58	d	Vinyl Acetate	108-05-4	ug/L	3/19/2026		<10.0
MW-58	d	Vinyl Chloride	75-01-4	ug/L	3/19/2026		<1.00
MW-58	d	Xylenes, total	1330-20-7	ug/L	3/19/2026		<3.00
MW-58	d	Total Suspended Solids	TSS	mg/L	3/19/2026		61
MW-58	d	Total Organic Carbon	TOC	mg/L	3/19/2026		8.04
MW-57R	d	Antimony	7440-36-0	mg/L	3/19/2026		<0.00200
MW-57R	d	Arsenic	7440-38-2	mg/L	3/19/2026		0.00284
MW-57R	d	Barium	7440-39-3	mg/L	3/19/2026		0.229
MW-57R	d	Beryllium	7440-41-7	mg/L	3/19/2026		<0.00100
MW-57R	d	Cadmium	7440-43-9	mg/L	3/19/2026		0.00156
MW-57R	d	Chromium	7440-47-3	mg/L	3/19/2026	J	0.00181
MW-57R	d	Cobalt	7440-48-4	mg/L	3/19/2026		0.0104
MW-57R	d	Copper	7440-50-8	mg/L	3/19/2026	J	0.00321
MW-57R	d	Lead	7439-92-1	mg/L	3/19/2026		<0.000500
MW-57R	d	Nickel	7440-02-0	mg/L	3/19/2026		0.0244
MW-57R	d	Selenium	7782-49-2	mg/L	3/19/2026		<0.00500
MW-57R	d	Silver	7440-22-4	mg/L	3/19/2026	*+	<0.00100
MW-57R	d	Thallium	7440-28-0	mg/L	3/19/2026	^1+	<0.00100
MW-57R	d	Tin	7440-31-5	mg/L	3/19/2026		<0.00500
MW-57R	d	Vanadium	7440-62-2	mg/L	3/19/2026	J	0.00466
MW-57R	d	Zinc	7440-66-6	mg/L	3/19/2026		<0.0200
MW-57R	d	Mercury	7439-97-6	ug/L	3/19/2026		<0.200
MW-57R	d	Acetonitrile	75-05-8	mg/L	3/19/2026		<10.0
MW-57R	d	Isobutanol	78-83-1	mg/L	3/19/2026		<10.0
MW-57R	d	Aldrin	309-00-2	ug/L	3/19/2026		<0.0926
MW-57R	d	Alpha-BHC	319-84-6	ug/L	3/19/2026		<0.0926
MW-57R	d	Beta-BHC	319-85-7	ug/L	3/19/2026		<0.0926
MW-57R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	3/19/2026		<0.0926
MW-57R	d	Chlordane	57-74-9	ug/L	3/19/2026		<1.85
MW-57R	d	Delta-BHC	319-86-8	ug/L	3/19/2026		<0.0926
MW-57R	d	Dieldrin	60-57-1	ug/L	3/19/2026		<0.0926
MW-57R	d	4,4`-DDD	72-54-8	ug/L	3/19/2026		<0.0926
MW-57R	d	4,4`-DDE	72-55-9	ug/L	3/19/2026		<0.0926
MW-57R	d	4,4`-DDT	50-29-3	ug/L	3/19/2026		<0.0926
MW-57R	d	Endosulfan I	959-98-8	ug/L	3/19/2026		<0.0926
MW-57R	d	Endosulfan II	33213-65-9	ug/L	3/19/2026		<0.0926
MW-57R	d	Endosulfan sulfate	1031-07-8	ug/L	3/19/2026		<0.0926
MW-57R	d	Endrin	72-20-8	ug/L	3/19/2026		<0.0926
MW-57R	d	Endrin aldehyde	7421-93-4	ug/L	3/19/2026		<0.0926
MW-57R	d	Heptachlor	76-44-8	ug/L	3/19/2026		<0.0926
MW-57R	d	Heptachlor Epoxide	1024-57-3	ug/L	3/19/2026		<0.0926
MW-57R	d	Methoxychlor	72-43-5	ug/L	3/19/2026		<0.0926
MW-57R	d	Toxaphene	8001-35-2	ug/L	3/19/2026		<1.85
MW-57R	d	PCB-1016	12674-11-2	ug/L	3/19/2026		<1.85
MW-57R	d	PCB-1221	11104-28-2	ug/L	3/19/2026		<1.85
MW-57R	d	PCB-1232	11141-16-5	ug/L	3/19/2026		<1.85
MW-57R	d	PCB-1242	53469-21-9	ug/L	3/19/2026		<1.85
MW-57R	d	PCB-1248	12672-29-6	ug/L	3/19/2026		<1.85
MW-57R	d	PCB-1254	11097-69-1	ug/L	3/19/2026		<1.85
MW-57R	d	PCB-1260	11096-82-5	ug/L	3/19/2026		<1.85
MW-57R	d	PCB-1268	11100-14-4	ug/L	3/19/2026		<1.85
MW-57R	d	2,4-D [2C]	94-75-7	ug/L	3/19/2026		<1.00
MW-57R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	3/19/2026		<1.00
MW-57R	d	2,4,5-T	93-76-5	ug/L	3/19/2026		<1.00
MW-57R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/19/2026		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/19/2026		<1.00
MW-57R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/19/2026		<1.00
MW-57R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/19/2026		<1.00
MW-57R	d	1,1-Dichloroethane	75-34-3	ug/L	3/19/2026		<1.00
MW-57R	d	1,1-Dichloroethene	75-35-4	ug/L	3/19/2026		<2.00
MW-57R	d	1,1-Dichloropropene	563-58-6	ug/L	3/19/2026		<1.00
MW-57R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/19/2026		<1.00
MW-57R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	3/19/2026		<5.00
MW-57R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/19/2026		<5.00
MW-57R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/19/2026		<1.00
MW-57R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/19/2026		<1.00
MW-57R	d	1,2-Dichloroethane	107-06-2	ug/L	3/19/2026		<1.00
MW-57R	d	1,2-Dichloropropane	78-87-5	ug/L	3/19/2026		<1.00
MW-57R	d	1,3-Dichlorobenzene	541-73-1	ug/L	3/19/2026		<1.00
MW-57R	d	1,3-Dichloropropane	142-28-9	ug/L	3/19/2026		<1.00
MW-57R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/19/2026		<1.00
MW-57R	d	2,2-Dichloropropane	594-20-7	ug/L	3/19/2026		<4.00
MW-57R	d	2-Butanone	78-93-3	ug/L	3/19/2026		<10.0
MW-57R	d	2-Hexanone	591-78-6	ug/L	3/19/2026		<10.0
MW-57R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/19/2026		<10.0
MW-57R	d	Acetone	67-64-1	ug/L	3/19/2026		<10.0
MW-57R	d	Acrolein	107-02-8	ug/L	3/19/2026		<10.0
MW-57R	d	Acrylonitrile	107-13-1	ug/L	3/19/2026		<5.00
MW-57R	d	3-Chloropropene	107-05-1	ug/L	3/19/2026		<2.00
MW-57R	d	Benzene	71-43-2	ug/L	3/19/2026		1.11
MW-57R	d	Bromochloromethane	74-97-5	ug/L	3/19/2026		<5.00
MW-57R	d	Bromodichloromethane	75-27-4	ug/L	3/19/2026		<1.00
MW-57R	d	Bromoform	75-25-2	ug/L	3/19/2026		<5.00
MW-57R	d	Bromomethane	74-83-9	ug/L	3/19/2026		<4.00
MW-57R	d	Carbon Disulfide	75-15-0	ug/L	3/19/2026		<1.00
MW-57R	d	Carbon Tetrachloride	56-23-5	ug/L	3/19/2026		<2.00
MW-57R	d	Chlorobenzene	108-90-7	ug/L	3/19/2026		<1.00
MW-57R	d	Chlorodibromomethane	124-48-1	ug/L	3/19/2026		<5.00
MW-57R	d	Chloroethane	75-00-3	ug/L	3/19/2026		<4.00
MW-57R	d	Chloroform	67-66-3	ug/L	3/19/2026		<3.00
MW-57R	d	Chloromethane	74-87-3	ug/L	3/19/2026		<3.00
MW-57R	d	Chloroprene	126-99-8	ug/L	3/19/2026		<1.00
MW-57R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/19/2026		2.12
MW-57R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/19/2026		<5.00
MW-57R	d	Methylene Bromide	74-95-3	ug/L	3/19/2026		<1.00
MW-57R	d	Dichlorodifluoromethane	75-71-8	ug/L	3/19/2026		<3.00
MW-57R	d	Ethyl Methacrylate	97-63-2	ug/L	3/19/2026		<2.00
MW-57R	d	Ethylbenzene	100-41-4	ug/L	3/19/2026		<1.00
MW-57R	d	Iodomethane	74-88-4	ug/L	3/19/2026		<10.0
MW-57R	d	Methacrylonitrile	126-98-7	ug/L	3/19/2026		<10.0
MW-57R	d	Methyl Methacrylate	80-62-6	ug/L	3/19/2026		<2.00
MW-57R	d	Methylene Chloride	75-09-2	ug/L	3/19/2026		<5.00
MW-57R	d	Naphthalene	91-20-3	ug/L	3/19/2026		<5.00
MW-57R	d	Propionitrile	107-12-0	ug/L	3/19/2026		<10.0
MW-57R	d	Styrene	100-42-5	ug/L	3/19/2026		<1.00
MW-57R	d	Tetrachloroethene	127-18-4	ug/L	3/19/2026		<1.00
MW-57R	d	Toluene	108-88-3	ug/L	3/19/2026		<1.00
MW-57R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/19/2026	J	0.915
MW-57R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/19/2026		<5.00
MW-57R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/19/2026		<10.0
MW-57R	d	Trichloroethene	79-01-6	ug/L	3/19/2026	J	0.9
MW-57R	d	Trichlorofluoromethane	75-69-4	ug/L	3/19/2026		<4.00
MW-57R	d	Vinyl Acetate	108-05-4	ug/L	3/19/2026		<10.0
MW-57R	d	Vinyl Chloride	75-01-4	ug/L	3/19/2026	J	0.839
MW-57R	d	Xylenes, total	1330-20-7	ug/L	3/19/2026		<3.00
MW-57R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	3/19/2026		<10.4
MW-57R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	3/19/2026		<10.4
MW-57R	d	1,3-Dinitrobenzene	99-65-0	ug/L	3/19/2026		<10.4
MW-57R	d	1,4-Naphthoquinone	130-15-4	ug/L	3/19/2026		<10.4
MW-57R	d	1,4-Phenylenediamine	106-50-3	ug/L	3/19/2026	*-	<10.4
MW-57R	d	1-Naphthylamine	134-32-7	ug/L	3/19/2026		<10.4
MW-57R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	3/19/2026		<10.4
MW-57R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	3/19/2026		<10.4
MW-57R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	3/19/2026		<10.4
MW-57R	d	2,4-Dichlorophenol	120-83-2	ug/L	3/19/2026		<10.4
MW-57R	d	2,4-Dimethylphenol	105-67-9	ug/L	3/19/2026		<10.4
MW-57R	d	2,4-Dinitrophenol	51-28-5	ug/L	3/19/2026		<20.8
MW-57R	d	2,4-Dinitrotoluene	121-14-2	ug/L	3/19/2026		<10.4
MW-57R	d	2,6-Dichlorophenol	87-65-0	ug/L	3/19/2026		<10.4
MW-57R	d	2,6-Dinitrotoluene	606-20-2	ug/L	3/19/2026		<10.4
MW-57R	d	2-Acetylaminofluorene	53-96-3	ug/L	3/19/2026		<10.4
MW-57R	d	2-Chloronaphthalene	91-58-7	ug/L	3/19/2026		<10.4
MW-57R	d	2-Chlorophenol	95-57-8	ug/L	3/19/2026		<10.4
MW-57R	d	2-Methylnaphthalene	91-57-6	ug/L	3/19/2026		<10.4
MW-57R	d	2-Methylphenol	95-48-7	ug/L	3/19/2026		<10.4
MW-57R	d	2-Naphthylamine	91-59-8	ug/L	3/19/2026		<10.4
MW-57R	d	2-Nitroaniline	88-74-4	ug/L	3/19/2026		<10.4
MW-57R	d	2-Nitrophenol	88-75-5	ug/L	3/19/2026		<10.4
MW-57R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	3/19/2026		<10.4
MW-57R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	3/19/2026	*1	<10.4
MW-57R	d	3-Methylcholanthrene	56-49-5	ug/L	3/19/2026	*+	<10.4
MW-57R	d	3-Nitroaniline	99-09-2	ug/L	3/19/2026		<10.4

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-57R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	3/19/2026		<10.4
MW-57R	d	4-Aminobiphenyl	92-67-1	ug/L	3/19/2026		<10.4
MW-57R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	3/19/2026		<10.4
MW-57R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	3/19/2026		<10.4
MW-57R	d	4-Chloroaniline	106-47-8	ug/L	3/19/2026		<10.4
MW-57R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	3/19/2026		<10.4
MW-57R	d	3/4-Methylphenol	T-34MP	ug/L	3/19/2026		<10.4
MW-57R	d	4-Nitroaniline	100-01-6	ug/L	3/19/2026		<10.4
MW-57R	d	4-Nitrophenol	100-02-7	ug/L	3/19/2026		<10.4
MW-57R	d	5-Nitro-o-toluidine	99-55-8	ug/L	3/19/2026		<10.4
MW-57R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	3/19/2026		<10.4
MW-57R	d	Acenaphthene	83-32-9	ug/L	3/19/2026		<10.4
MW-57R	d	Acenaphthylene	208-96-8	ug/L	3/19/2026		<10.4
MW-57R	d	Acetophenone	98-86-2	ug/L	3/19/2026		<10.4
MW-57R	d	Anthracene	120-12-7	ug/L	3/19/2026		<10.4
MW-57R	d	Benzo [a] anthracene	56-55-3	ug/L	3/19/2026		<10.4
MW-57R	d	Benzo [a] pyrene	50-32-8	ug/L	3/19/2026		<10.4
MW-57R	d	Benzo [b] fluoranthene	205-99-2	ug/L	3/19/2026		<10.4
MW-57R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	3/19/2026		<10.4
MW-57R	d	Benzo [k] fluoranthene	207-08-9	ug/L	3/19/2026		<10.4
MW-57R	d	Benzyl alcohol	100-51-6	ug/L	3/19/2026		<10.4
MW-57R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	3/19/2026		<10.4
MW-57R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	3/19/2026		<10.4
MW-57R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	3/19/2026		<10.4
MW-57R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/19/2026		<10.4
MW-57R	d	Butyl benzyl phthalate	85-68-7	ug/L	3/19/2026		<10.4
MW-57R	d	Chlorobenzilate	510-15-6	ug/L	3/19/2026		<10.4
MW-57R	d	Chrysene	218-01-9	ug/L	3/19/2026		<10.4
MW-57R	d	Diallate [cis or trans]	2303-16-4	ug/L	3/19/2026		<10.4
MW-57R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	3/19/2026		<10.4
MW-57R	d	Dibenzofuran	132-64-9	ug/L	3/19/2026		<10.4
MW-57R	d	Diethyl phthalate	84-66-2	ug/L	3/19/2026		<10.4
MW-57R	d	Dimethoate	60-51-5	ug/L	3/19/2026		<10.4
MW-57R	d	Dimethyl phthalate	131-11-3	ug/L	3/19/2026		<10.4
MW-57R	d	Di-n-butyl phthalate	84-74-2	ug/L	3/19/2026		<10.4
MW-57R	d	Di-n-octyl phthalate	117-84-0	ug/L	3/19/2026		<20.8
MW-57R	d	Diphenylamine	122-39-4	ug/L	3/19/2026		<10.4
MW-57R	d	Disulfoton	298-04-4	ug/L	3/19/2026		<10.4
MW-57R	d	Ethyl Methanesulfonate	62-50-0	ug/L	3/19/2026		<10.4
MW-57R	d	Parathion-Ethyl	56-38-2	ug/L	3/19/2026		<10.4
MW-57R	d	Famphur	52-85-7	ug/L	3/19/2026		<10.4
MW-57R	d	Fluoranthene	206-44-0	ug/L	3/19/2026		<10.4
MW-57R	d	Fluorene	86-73-7	ug/L	3/19/2026		<10.4
MW-57R	d	Hexachlorobenzene	118-74-1	ug/L	3/19/2026		<10.4
MW-57R	d	Hexachlorobutadiene	87-68-3	ug/L	3/19/2026		<10.4
MW-57R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	3/19/2026		<10.4
MW-57R	d	Hexachloroethane	67-72-1	ug/L	3/19/2026		<10.4
MW-57R	d	Hexachloropropene	1888-71-7	ug/L	3/19/2026		<10.4
MW-57R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	3/19/2026		<10.4
MW-57R	d	Isodrin	465-73-6	ug/L	3/19/2026		<10.4
MW-57R	d	Isophorone	78-59-1	ug/L	3/19/2026		<10.4
MW-57R	d	Isosafrole	120-58-1	ug/L	3/19/2026		<10.4
MW-57R	d	Kepone	143-50-0	ug/L	3/19/2026		<10.4
MW-57R	d	Methapyrilene	91-80-5	ug/L	3/19/2026	*- *1	<10.4
MW-57R	d	Methyl Methanesulfonate	66-27-3	ug/L	3/19/2026		<10.4
MW-57R	d	Parathion-Methyl	298-00-0	ug/L	3/19/2026		<10.4
MW-57R	d	Nitrobenzene	98-95-3	ug/L	3/19/2026		<10.4
MW-57R	d	N-Nitrosodiethylamine	55-18-5	ug/L	3/19/2026		<10.4
MW-57R	d	N-Nitrosodimethylamine	62-75-9	ug/L	3/19/2026		<10.4
MW-57R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	3/19/2026		<10.4
MW-57R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	3/19/2026		<10.4
MW-57R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	3/19/2026		<10.4
MW-57R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	3/19/2026		<10.4
MW-57R	d	N-Nitrosopiperidine	100-75-4	ug/L	3/19/2026		<10.4
MW-57R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	3/19/2026		<10.4
MW-57R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	3/19/2026		<10.4
MW-57R	d	O-Toluidine	95-53-4	ug/L	3/19/2026		<10.4
MW-57R	d	Dimethylaminoazobenzene	60-11-7	ug/L	3/19/2026		<10.4
MW-57R	d	Pentachlorobenzene	608-93-5	ug/L	3/19/2026		<10.4
MW-57R	d	Pentachloronitrobenzene	82-68-8	ug/L	3/19/2026		<10.4
MW-57R	d	Pentachlorophenol [2C]	87-86-5	ug/L	3/19/2026		<10.4
MW-57R	d	Phenacetin	62-44-2	ug/L	3/19/2026		<10.4
MW-57R	d	Phenanthrene	85-01-8	ug/L	3/19/2026		<10.4
MW-57R	d	Phenol	108-95-2	ug/L	3/19/2026		<10.4
MW-57R	d	Phorate	298-02-2	ug/L	3/19/2026		<10.4
MW-57R	d	Pronamide	23950-58-5	ug/L	3/19/2026		<10.4
MW-57R	d	Pyrene	129-00-0	ug/L	3/19/2026		<10.4
MW-57R	d	Safrole	94-59-7	ug/L	3/19/2026		<10.4
MW-57R	d	Thionazin	297-97-2	ug/L	3/19/2026		<10.4
MW-57R	d	Cyanide	57-12-5	mg/L	3/19/2026		<0.0100
MW-57R	d	Sulfide	18496-25-8	mg/L	3/19/2026		<1.00
MW-57R	d	Total Suspended Solids	TSS	mg/L	3/19/2026		63.3
MW-57R	d	Total Organic Carbon	TOC	mg/L	3/19/2026		4.54
MW-31R	d	Antimony	7440-36-0	mg/L	3/19/2026		<0.00200
MW-31R	d	Arsenic	7440-38-2	mg/L	3/19/2026	J	0.000734
MW-31R	d	Barium	7440-39-3	mg/L	3/19/2026		0.326
MW-31R	d	Beryllium	7440-41-7	mg/L	3/19/2026		<0.00100

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-31R	d	Cadmium	7440-43-9	mg/L	3/19/2026		<0.000200
MW-31R	d	Chromium	7440-47-3	mg/L	3/19/2026		<0.00500
MW-31R	d	Cobalt	7440-48-4	mg/L	3/19/2026	J	0.000206
MW-31R	d	Copper	7440-50-8	mg/L	3/19/2026		<0.00500
MW-31R	d	Lead	7439-92-1	mg/L	3/19/2026		<0.000500
MW-31R	d	Nickel	7440-02-0	mg/L	3/19/2026		<0.00500
MW-31R	d	Selenium	7782-49-2	mg/L	3/19/2026		<0.00500
MW-31R	d	Silver	7440-22-4	mg/L	3/19/2026	*+	<0.00100
MW-31R	d	Thallium	7440-28-0	mg/L	3/19/2026	^1+	<0.00100
MW-31R	d	Vanadium	7440-62-2	mg/L	3/19/2026		<0.00500
MW-31R	d	Zinc	7440-66-6	mg/L	3/19/2026		<0.0200
MW-31R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/19/2026		<1.00
MW-31R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/19/2026		<1.00
MW-31R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/19/2026		<1.00
MW-31R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/19/2026		<1.00
MW-31R	d	1,1-Dichloroethane	75-34-3	ug/L	3/19/2026		<1.00
MW-31R	d	1,1-Dichloroethene	75-35-4	ug/L	3/19/2026		<2.00
MW-31R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/19/2026		<1.00
MW-31R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/19/2026		<5.00
MW-31R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/19/2026		<1.00
MW-31R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/19/2026		<1.00
MW-31R	d	1,2-Dichloroethane	107-06-2	ug/L	3/19/2026		<1.00
MW-31R	d	1,2-Dichloropropane	78-87-5	ug/L	3/19/2026		<1.00
MW-31R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/19/2026		<1.00
MW-31R	d	2-Butanone	78-93-3	ug/L	3/19/2026		<10.0
MW-31R	d	2-Hexanone	591-78-6	ug/L	3/19/2026		<10.0
MW-31R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/19/2026		<10.0
MW-31R	d	Acetone	67-64-1	ug/L	3/19/2026		<10.0
MW-31R	d	Acrylonitrile	107-13-1	ug/L	3/19/2026		<5.00
MW-31R	d	Benzene	71-43-2	ug/L	3/19/2026		<0.500
MW-31R	d	Bromochloromethane	74-97-5	ug/L	3/19/2026		<5.00
MW-31R	d	Bromodichloromethane	75-27-4	ug/L	3/19/2026		<1.00
MW-31R	d	Bromoform	75-25-2	ug/L	3/19/2026		<5.00
MW-31R	d	Bromomethane	74-83-9	ug/L	3/19/2026		<4.00
MW-31R	d	Carbon Disulfide	75-15-0	ug/L	3/19/2026		<1.00
MW-31R	d	Carbon Tetrachloride	56-23-5	ug/L	3/19/2026		<2.00
MW-31R	d	Chlorobenzene	108-90-7	ug/L	3/19/2026		<1.00
MW-31R	d	Chlorodibromomethane	124-48-1	ug/L	3/19/2026		<5.00
MW-31R	d	Chloroethane	75-00-3	ug/L	3/19/2026		<4.00
MW-31R	d	Chloroform	67-66-3	ug/L	3/19/2026		<3.00
MW-31R	d	Chloromethane	74-87-3	ug/L	3/19/2026		<3.00
MW-31R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/19/2026		<1.00
MW-31R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/19/2026		<5.00
MW-31R	d	Methylene Bromide	74-95-3	ug/L	3/19/2026		<1.00
MW-31R	d	Ethylbenzene	100-41-4	ug/L	3/19/2026		<1.00
MW-31R	d	Iodomethane	74-88-4	ug/L	3/19/2026		<10.0
MW-31R	d	Methylene Chloride	75-09-2	ug/L	3/19/2026		<5.00
MW-31R	d	Styrene	100-42-5	ug/L	3/19/2026		<1.00
MW-31R	d	Tetrachloroethene	127-18-4	ug/L	3/19/2026		<1.00
MW-31R	d	Toluene	108-88-3	ug/L	3/19/2026		<1.00
MW-31R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/19/2026		<1.00
MW-31R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/19/2026		<5.00
MW-31R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/19/2026		<10.0
MW-31R	d	Trichloroethene	79-01-6	ug/L	3/19/2026		<1.00
MW-31R	d	Trichlorofluoromethane	75-69-4	ug/L	3/19/2026		<4.00
MW-31R	d	Vinyl Acetate	108-05-4	ug/L	3/19/2026		<10.0
MW-31R	d	Vinyl Chloride	75-01-4	ug/L	3/19/2026		<1.00
MW-31R	d	Xylenes, total	1330-20-7	ug/L	3/19/2026		<3.00
MW-31R	d	Total Suspended Solids	TSS	mg/L	3/19/2026		21
MW-31R	d	Total Organic Carbon	TOC	mg/L	3/19/2026		4.3
PZ-13	d	Arsenic	7440-38-2	mg/L	3/19/2026	J	0.00177
PZ-13	d	Cobalt	7440-48-4	mg/L	3/19/2026		<0.000500
PZ-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/19/2026		<1.00
PZ-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/19/2026		<1.00
PZ-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/19/2026		<1.00
PZ-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/19/2026		<1.00
PZ-13	d	1,1-Dichloroethane	75-34-3	ug/L	3/19/2026		<1.00
PZ-13	d	1,1-Dichloroethene	75-35-4	ug/L	3/19/2026		<2.00
PZ-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/19/2026		<1.00
PZ-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/19/2026		<5.00
PZ-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/19/2026		<1.00
PZ-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/19/2026		<1.00
PZ-13	d	1,2-Dichloroethane	107-06-2	ug/L	3/19/2026		<1.00
PZ-13	d	1,2-Dichloropropane	78-87-5	ug/L	3/19/2026		<1.00
PZ-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/19/2026		<1.00
PZ-13	d	2-Butanone	78-93-3	ug/L	3/19/2026		<10.0
PZ-13	d	2-Hexanone	591-78-6	ug/L	3/19/2026		<10.0
PZ-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/19/2026		<10.0
PZ-13	d	Acetone	67-64-1	ug/L	3/19/2026		<10.0
PZ-13	d	Acrylonitrile	107-13-1	ug/L	3/19/2026		<5.00
PZ-13	d	Benzene	71-43-2	ug/L	3/19/2026		<0.500
PZ-13	d	Bromochloromethane	74-97-5	ug/L	3/19/2026		<5.00
PZ-13	d	Bromodichloromethane	75-27-4	ug/L	3/19/2026		<1.00
PZ-13	d	Bromoform	75-25-2	ug/L	3/19/2026		<5.00
PZ-13	d	Bromomethane	74-83-9	ug/L	3/19/2026		<4.00
PZ-13	d	Carbon Disulfide	75-15-0	ug/L	3/19/2026		<1.00
PZ-13	d	Carbon Tetrachloride	56-23-5	ug/L	3/19/2026		<2.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
PZ-13	d	Chlorobenzene	108-90-7	ug/L	3/19/2026		<1.00
PZ-13	d	Chlorodibromomethane	124-48-1	ug/L	3/19/2026		<5.00
PZ-13	d	Chloroethane	75-00-3	ug/L	3/19/2026		<4.00
PZ-13	d	Chloroform	67-66-3	ug/L	3/19/2026		<3.00
PZ-13	d	Chloromethane	74-87-3	ug/L	3/19/2026		<3.00
PZ-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/19/2026		<1.00
PZ-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/19/2026		<5.00
PZ-13	d	Methylene Bromide	74-95-3	ug/L	3/19/2026		<1.00
PZ-13	d	Ethylbenzene	100-41-4	ug/L	3/19/2026		<1.00
PZ-13	d	Iodomethane	74-88-4	ug/L	3/19/2026		<10.0
PZ-13	d	Methylene Chloride	75-09-2	ug/L	3/19/2026		<5.00
PZ-13	d	Styrene	100-42-5	ug/L	3/19/2026		<1.00
PZ-13	d	Tetrachloroethene	127-18-4	ug/L	3/19/2026		<1.00
PZ-13	d	Toluene	108-88-3	ug/L	3/19/2026		<1.00
PZ-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/19/2026		<1.00
PZ-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/19/2026		<5.00
PZ-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/19/2026		<10.0
PZ-13	d	Trichloroethene	79-01-6	ug/L	3/19/2026		<1.00
PZ-13	d	Trichlorofluoromethane	75-69-4	ug/L	3/19/2026		<4.00
PZ-13	d	Vinyl Acetate	108-05-4	ug/L	3/19/2026		<10.0
PZ-13	d	Vinyl Chloride	75-01-4	ug/L	3/19/2026		<1.00
PZ-13	d	Xylenes, total	1330-20-7	ug/L	3/19/2026		<3.00
PZ-13	d	Total Suspended Solids	TSS	mg/L	3/19/2026		<1.88
MW-32R	d	Antimony	7440-36-0	mg/L	3/20/2026		<0.00200
MW-32R	d	Arsenic	7440-38-2	mg/L	3/20/2026	J	0.000575
MW-32R	d	Barium	7440-39-3	mg/L	3/20/2026		0.193
MW-32R	d	Beryllium	7440-41-7	mg/L	3/20/2026		<0.00100
MW-32R	d	Cadmium	7440-43-9	mg/L	3/20/2026		<0.000200
MW-32R	d	Chromium	7440-47-3	mg/L	3/20/2026		<0.00500
MW-32R	d	Cobalt	7440-48-4	mg/L	3/20/2026		0.000634
MW-32R	d	Copper	7440-50-8	mg/L	3/20/2026		<0.00500
MW-32R	d	Lead	7439-92-1	mg/L	3/20/2026		0.000927
MW-32R	d	Nickel	7440-02-0	mg/L	3/20/2026		<0.00500
MW-32R	d	Selenium	7782-49-2	mg/L	3/20/2026		<0.00500
MW-32R	d	Silver	7440-22-4	mg/L	3/20/2026		<0.00100
MW-32R	d	Thallium	7440-28-0	mg/L	3/20/2026	^1+	<0.00100
MW-32R	d	Vanadium	7440-62-2	mg/L	3/20/2026	J	0.00246
MW-32R	d	Zinc	7440-66-6	mg/L	3/20/2026		<0.0200
MW-32R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/20/2026		<1.00
MW-32R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/20/2026		<1.00
MW-32R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/20/2026		<1.00
MW-32R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/20/2026		<1.00
MW-32R	d	1,1-Dichloroethane	75-34-3	ug/L	3/20/2026		<1.00
MW-32R	d	1,1-Dichloroethene	75-35-4	ug/L	3/20/2026		<2.00
MW-32R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/20/2026		<1.00
MW-32R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/20/2026		<5.00
MW-32R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/20/2026		<1.00
MW-32R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/20/2026		<1.00
MW-32R	d	1,2-Dichloroethane	107-06-2	ug/L	3/20/2026		<1.00
MW-32R	d	1,2-Dichloropropane	78-87-5	ug/L	3/20/2026		<1.00
MW-32R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/20/2026		<1.00
MW-32R	d	2-Butanone	78-93-3	ug/L	3/20/2026		<10.0
MW-32R	d	2-Hexanone	591-78-6	ug/L	3/20/2026		<10.0
MW-32R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/20/2026		<10.0
MW-32R	d	Acetone	67-64-1	ug/L	3/20/2026		<10.0
MW-32R	d	Acrylonitrile	107-13-1	ug/L	3/20/2026		<5.00
MW-32R	d	Benzene	71-43-2	ug/L	3/20/2026		<0.500
MW-32R	d	Bromochloromethane	74-97-5	ug/L	3/20/2026		<5.00
MW-32R	d	Bromodichloromethane	75-27-4	ug/L	3/20/2026		<1.00
MW-32R	d	Bromoform	75-25-2	ug/L	3/20/2026		<5.00
MW-32R	d	Bromomethane	74-83-9	ug/L	3/20/2026		<4.00
MW-32R	d	Carbon Disulfide	75-15-0	ug/L	3/20/2026		<1.00
MW-32R	d	Carbon Tetrachloride	56-23-5	ug/L	3/20/2026		<2.00
MW-32R	d	Chlorobenzene	108-90-7	ug/L	3/20/2026		<1.00
MW-32R	d	Chlorodibromomethane	124-48-1	ug/L	3/20/2026		<5.00
MW-32R	d	Chloroethane	75-00-3	ug/L	3/20/2026		<4.00
MW-32R	d	Chloroform	67-66-3	ug/L	3/20/2026		<3.00
MW-32R	d	Chloromethane	74-87-3	ug/L	3/20/2026		<3.00
MW-32R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/20/2026		<1.00
MW-32R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/20/2026		<5.00
MW-32R	d	Methylene Bromide	74-95-3	ug/L	3/20/2026		<1.00
MW-32R	d	Ethylbenzene	100-41-4	ug/L	3/20/2026		<1.00
MW-32R	d	Iodomethane	74-88-4	ug/L	3/20/2026		<10.0
MW-32R	d	Methylene Chloride	75-09-2	ug/L	3/20/2026		<5.00
MW-32R	d	Styrene	100-42-5	ug/L	3/20/2026		<1.00
MW-32R	d	Tetrachloroethene	127-18-4	ug/L	3/20/2026		<1.00
MW-32R	d	Toluene	108-88-3	ug/L	3/20/2026		<1.00
MW-32R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/20/2026		<1.00
MW-32R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/20/2026		<5.00
MW-32R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/20/2026		<10.0
MW-32R	d	Trichloroethene	79-01-6	ug/L	3/20/2026		<1.00
MW-32R	d	Trichlorofluoromethane	75-69-4	ug/L	3/20/2026		<4.00
MW-32R	d	Vinyl Acetate	108-05-4	ug/L	3/20/2026		<10.0
MW-32R	d	Vinyl Chloride	75-01-4	ug/L	3/20/2026		<1.00
MW-32R	d	Xylenes, total	1330-20-7	ug/L	3/20/2026		<3.00
MW-32R	d	Total Suspended Solids	TSS	mg/L	3/20/2026		61.2
MW-32R	d	Total Organic Carbon	TOC	mg/L	3/20/2026		3.09

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-14R	d	Antimony	7440-36-0	mg/L	3/20/2026		<0.00200
MW-14R	d	Arsenic	7440-38-2	mg/L	3/20/2026		0.0246
MW-14R	d	Barium	7440-39-3	mg/L	3/20/2026		0.37
MW-14R	d	Beryllium	7440-41-7	mg/L	3/20/2026		<0.00100
MW-14R	d	Cadmium	7440-43-9	mg/L	3/20/2026		<0.000200
MW-14R	d	Chromium	7440-47-3	mg/L	3/20/2026		<0.00500
MW-14R	d	Cobalt	7440-48-4	mg/L	3/20/2026	J	0.000428
MW-14R	d	Copper	7440-50-8	mg/L	3/20/2026		<0.00500
MW-14R	d	Lead	7439-92-1	mg/L	3/20/2026		<0.000500
MW-14R	d	Nickel	7440-02-0	mg/L	3/20/2026		<0.00500
MW-14R	d	Selenium	7782-49-2	mg/L	3/20/2026		<0.00500
MW-14R	d	Silver	7440-22-4	mg/L	3/20/2026		<0.00100
MW-14R	d	Thallium	7440-28-0	mg/L	3/20/2026		<0.00100
MW-14R	d	Vanadium	7440-62-2	mg/L	3/20/2026		<0.00500
MW-14R	d	Zinc	7440-66-6	mg/L	3/20/2026		<0.0200
MW-14R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/20/2026		<1.00
MW-14R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/20/2026		<1.00
MW-14R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/20/2026		<1.00
MW-14R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/20/2026		<1.00
MW-14R	d	1,1-Dichloroethane	75-34-3	ug/L	3/20/2026		8.63
MW-14R	d	1,1-Dichloroethene	75-35-4	ug/L	3/20/2026		<2.00
MW-14R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/20/2026		<1.00
MW-14R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/20/2026		<5.00
MW-14R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/20/2026		<1.00
MW-14R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/20/2026		<1.00
MW-14R	d	1,2-Dichloroethane	107-06-2	ug/L	3/20/2026		<1.00
MW-14R	d	1,2-Dichloropropane	78-87-5	ug/L	3/20/2026		1.17
MW-14R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/20/2026		<1.00
MW-14R	d	2-Butanone	78-93-3	ug/L	3/20/2026		<10.0
MW-14R	d	2-Hexanone	591-78-6	ug/L	3/20/2026		<10.0
MW-14R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/20/2026		<10.0
MW-14R	d	Acetone	67-64-1	ug/L	3/20/2026		<10.0
MW-14R	d	Acrylonitrile	107-13-1	ug/L	3/20/2026		<5.00
MW-14R	d	Benzene	71-43-2	ug/L	3/20/2026		<0.500
MW-14R	d	Bromochloromethane	74-97-5	ug/L	3/20/2026		<5.00
MW-14R	d	Bromodichloromethane	75-27-4	ug/L	3/20/2026		<1.00
MW-14R	d	Bromoform	75-25-2	ug/L	3/20/2026		<5.00
MW-14R	d	Bromomethane	74-83-9	ug/L	3/20/2026		<4.00
MW-14R	d	Carbon Disulfide	75-15-0	ug/L	3/20/2026		<1.00
MW-14R	d	Carbon Tetrachloride	56-23-5	ug/L	3/20/2026		<2.00
MW-14R	d	Chlorobenzene	108-90-7	ug/L	3/20/2026		<1.00
MW-14R	d	Chlorodibromomethane	124-48-1	ug/L	3/20/2026		<5.00
MW-14R	d	Chloroethane	75-00-3	ug/L	3/20/2026		<4.00
MW-14R	d	Chloroform	67-66-3	ug/L	3/20/2026		<3.00
MW-14R	d	Chloromethane	74-87-3	ug/L	3/20/2026		<3.00
MW-14R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/20/2026		46.6
MW-14R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/20/2026		<5.00
MW-14R	d	Methylene Bromide	74-95-3	ug/L	3/20/2026		<1.00
MW-14R	d	Ethylbenzene	100-41-4	ug/L	3/20/2026		<1.00
MW-14R	d	Iodomethane	74-88-4	ug/L	3/20/2026		<10.0
MW-14R	d	Methylene Chloride	75-09-2	ug/L	3/20/2026		<5.00
MW-14R	d	Styrene	100-42-5	ug/L	3/20/2026		<1.00
MW-14R	d	Tetrachloroethene	127-18-4	ug/L	3/20/2026		<1.00
MW-14R	d	Toluene	108-88-3	ug/L	3/20/2026		<1.00
MW-14R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/20/2026	J	0.844
MW-14R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/20/2026		<5.00
MW-14R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/20/2026		<10.0
MW-14R	d	Trichloroethene	79-01-6	ug/L	3/20/2026		3.71
MW-14R	d	Trichlorofluoromethane	75-69-4	ug/L	3/20/2026		<4.00
MW-14R	d	Vinyl Acetate	108-05-4	ug/L	3/20/2026		<10.0
MW-14R	d	Vinyl Chloride	75-01-4	ug/L	3/20/2026		4.69
MW-14R	d	Xylenes, total	1330-20-7	ug/L	3/20/2026		<3.00
MW-14R	d	Sulfide	18496-25-8	mg/L	3/20/2026	H	<1.00
MW-14R	d	Sulfide as H2S	STL00456	mg/L	3/20/2026	H	<1.00
MW-14R	d	Total Suspended Solids	TSS	mg/L	3/20/2026		15.8
MW-14R	d	Total Organic Carbon	TOC	mg/L	3/20/2026		1.7
SW-101	d	Iron, Dissolved	D7439-89-6	mg/L	3/20/2026		<0.100
SW-101	d	Chloride	16887-00-6	mg/L	3/20/2026		45.2
SW-101	d	Ammonia as N	7664-41-7	mg/L	3/20/2026		<0.500
SW-101	d	Arsenic	7440-38-2	mg/L	3/20/2026	J	0.00111
SW-101	d	Cobalt	7440-48-4	mg/L	3/20/2026	J	0.000245
SW-101	d	Total Suspended Solids	TSS	mg/L	3/20/2026		13.7
SW-101	d	Chemical Oxygen Demand	COD	mg/L	3/20/2026		52.5
SW-102	d	Iron, Dissolved	D7439-89-6	mg/L	3/20/2026		<0.100
SW-102	d	Chloride	16887-00-6	mg/L	3/20/2026		44.1
SW-102	d	Ammonia as N	7664-41-7	mg/L	3/20/2026		<0.500
SW-102	d	Arsenic	7440-38-2	mg/L	3/20/2026	J	0.0012
SW-102	d	Cobalt	7440-48-4	mg/L	3/20/2026	J	0.00044
SW-102	d	Total Suspended Solids	TSS	mg/L	3/20/2026		36.7
SW-102	d	Chemical Oxygen Demand	COD	mg/L	3/20/2026		45.7
SW-103	d	Iron, Dissolved	D7439-89-6	mg/L	3/20/2026		<0.100
SW-103	d	Chloride	16887-00-6	mg/L	3/20/2026		37.4
SW-103	d	Ammonia as N	7664-41-7	mg/L	3/20/2026		<0.500
SW-103	d	Arsenic	7440-38-2	mg/L	3/20/2026	J	0.000864
SW-103	d	Cobalt	7440-48-4	mg/L	3/20/2026	J	0.00017
SW-103	d	Total Suspended Solids	TSS	mg/L	3/20/2026	J	4
SW-103	d	Chemical Oxygen Demand	COD	mg/L	3/20/2026		50.8

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
SW-104	d	Iron, Dissolved	D7439-89-6	mg/L	3/20/2026		<0.100
SW-104	d	Chloride	16887-00-6	mg/L	3/20/2026		39.3
SW-104	d	Ammonia as N	7664-41-7	mg/L	3/20/2026		<0.500
SW-104	d	Chemical Oxygen Demand	COD	mg/L	3/20/2026		<25.0
SW-105	d	Iron, Dissolved	D7439-89-6	mg/L	3/20/2026		<0.100
SW-105	d	Chloride	16887-00-6	mg/L	3/20/2026		26.1
SW-105	d	Ammonia as N	7664-41-7	mg/L	3/20/2026		<0.500
SW-105	d	Nitrate as N	14797-55-8	mg/L	3/20/2026	H H3	2.64
SW-105	d	Chemical Oxygen Demand	COD	mg/L	3/20/2026		35.4
SW-106	d	Iron, Dissolved	D7439-89-6	mg/L	3/20/2026		<0.100
SW-106	d	Chloride	16887-00-6	mg/L	3/20/2026		31.5
SW-106	d	Ammonia as N	7664-41-7	mg/L	3/20/2026		<0.500
SW-106	d	Arsenic	7440-38-2	mg/L	3/20/2026	J	0.000848
SW-106	d	Cobalt	7440-48-4	mg/L	3/20/2026		<0.000500
SW-106	d	Total Suspended Solids	TSS	mg/L	3/20/2026		<5.00
SW-106	d	Chemical Oxygen Demand	COD	mg/L	3/20/2026		223
SW-107	d	Iron, Dissolved	D7439-89-6	mg/L	3/20/2026		<0.100
SW-107	d	Chloride	16887-00-6	mg/L	3/20/2026		46.9
SW-107	d	Ammonia as N	7664-41-7	mg/L	3/20/2026		<0.500
SW-107	d	Nitrate/Nitrite as N	1594-56-5xx	mg/L	3/20/2026		8.64
SW-107	d	Arsenic	7440-38-2	mg/L	3/20/2026	J	0.000994
SW-107	d	Cobalt	7440-48-4	mg/L	3/20/2026	J	0.000205
SW-107	d	Total Suspended Solids	TSS	mg/L	3/20/2026		7
SW-107	d	Chemical Oxygen Demand	COD	mg/L	3/20/2026		45.7
MW-29	d	Antimony	7440-36-0	mg/L	3/20/2026		<0.00200
MW-29	d	Arsenic	7440-38-2	mg/L	3/20/2026		0.0166
MW-29	d	Barium	7440-39-3	mg/L	3/20/2026		0.712
MW-29	d	Beryllium	7440-41-7	mg/L	3/20/2026		<0.00100
MW-29	d	Cadmium	7440-43-9	mg/L	3/20/2026		<0.000200
MW-29	d	Chromium	7440-47-3	mg/L	3/20/2026		<0.00500
MW-29	d	Cobalt	7440-48-4	mg/L	3/20/2026		0.0665
MW-29	d	Copper	7440-50-8	mg/L	3/20/2026		0.00587
MW-29	d	Lead	7439-92-1	mg/L	3/20/2026		<0.000500
MW-29	d	Nickel	7440-02-0	mg/L	3/20/2026		0.0621
MW-29	d	Selenium	7782-49-2	mg/L	3/20/2026		<0.00500
MW-29	d	Silver	7440-22-4	mg/L	3/20/2026		<0.00100
MW-29	d	Thallium	7440-28-0	mg/L	3/20/2026		<0.00100
MW-29	d	Vanadium	7440-62-2	mg/L	3/20/2026		<0.00500
MW-29	d	Zinc	7440-66-6	mg/L	3/20/2026		<0.0200
MW-29	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/20/2026		<1.00
MW-29	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/20/2026		<1.00
MW-29	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/20/2026		<1.00
MW-29	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/20/2026		<1.00
MW-29	d	1,1-Dichloroethane	75-34-3	ug/L	3/20/2026		2.27
MW-29	d	1,1-Dichloroethene	75-35-4	ug/L	3/20/2026		<2.00
MW-29	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/20/2026		<1.00
MW-29	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/20/2026		<5.00
MW-29	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/20/2026		<1.00
MW-29	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/20/2026	J	0.728
MW-29	d	1,2-Dichloroethane	107-06-2	ug/L	3/20/2026		<1.00
MW-29	d	1,2-Dichloropropane	78-87-5	ug/L	3/20/2026	J	0.761
MW-29	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/20/2026		11
MW-29	d	2-Butanone	78-93-3	ug/L	3/20/2026		<10.0
MW-29	d	2-Hexanone	591-78-6	ug/L	3/20/2026		<10.0
MW-29	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/20/2026		<10.0
MW-29	d	Acetone	67-64-1	ug/L	3/20/2026	J	3.92
MW-29	d	Acrylonitrile	107-13-1	ug/L	3/20/2026		<5.00
MW-29	d	Benzene	71-43-2	ug/L	3/20/2026		2.89
MW-29	d	Bromochloromethane	74-97-5	ug/L	3/20/2026		<5.00
MW-29	d	Bromodichloromethane	75-27-4	ug/L	3/20/2026		<1.00
MW-29	d	Bromoform	75-25-2	ug/L	3/20/2026		<5.00
MW-29	d	Bromomethane	74-83-9	ug/L	3/20/2026		<4.00
MW-29	d	Carbon Disulfide	75-15-0	ug/L	3/20/2026		<1.00
MW-29	d	Carbon Tetrachloride	56-23-5	ug/L	3/20/2026		<2.00
MW-29	d	Chlorobenzene	108-90-7	ug/L	3/20/2026		21.1
MW-29	d	Chlorodibromomethane	124-48-1	ug/L	3/20/2026		<5.00
MW-29	d	Chloroethane	75-00-3	ug/L	3/20/2026		<4.00
MW-29	d	Chloroform	67-66-3	ug/L	3/20/2026		<3.00
MW-29	d	Chloromethane	74-87-3	ug/L	3/20/2026		<3.00
MW-29	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/20/2026		6.6
MW-29	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/20/2026		<5.00
MW-29	d	Methylene Bromide	74-95-3	ug/L	3/20/2026		<1.00
MW-29	d	Ethylbenzene	100-41-4	ug/L	3/20/2026		<1.00
MW-29	d	Iodomethane	74-88-4	ug/L	3/20/2026		<10.0
MW-29	d	Methylene Chloride	75-09-2	ug/L	3/20/2026		<5.00
MW-29	d	Styrene	100-42-5	ug/L	3/20/2026		<1.00
MW-29	d	Tetrachloroethene	127-18-4	ug/L	3/20/2026		<1.00
MW-29	d	Toluene	108-88-3	ug/L	3/20/2026		<1.00
MW-29	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/20/2026	J	0.717
MW-29	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/20/2026		<5.00
MW-29	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/20/2026		<10.0
MW-29	d	Trichloroethene	79-01-6	ug/L	3/20/2026	J	0.497
MW-29	d	Trichlorofluoromethane	75-69-4	ug/L	3/20/2026		<4.00
MW-29	d	Vinyl Acetate	108-05-4	ug/L	3/20/2026		<10.0
MW-29	d	Vinyl Chloride	75-01-4	ug/L	3/20/2026		2.35
MW-29	d	Xylenes, total	1330-20-7	ug/L	3/20/2026		<3.00
MW-29	d	Total Suspended Solids	TSS	mg/L	3/20/2026		20.3

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-29	d	Total Organic Carbon	TOC	mg/L	3/20/2026		9.63
MW-30R	d	Antimony	7440-36-0	mg/L	3/20/2026		<0.00200
MW-30R	d	Arsenic	7440-38-2	mg/L	3/20/2026		0.0105
MW-30R	d	Barium	7440-39-3	mg/L	3/20/2026		0.566
MW-30R	d	Beryllium	7440-41-7	mg/L	3/20/2026		<0.00100
MW-30R	d	Cadmium	7440-43-9	mg/L	3/20/2026		<0.000200
MW-30R	d	Chromium	7440-47-3	mg/L	3/20/2026		<0.00500
MW-30R	d	Cobalt	7440-48-4	mg/L	3/20/2026		0.00626
MW-30R	d	Copper	7440-50-8	mg/L	3/20/2026		<0.00500
MW-30R	d	Lead	7439-92-1	mg/L	3/20/2026		<0.000500
MW-30R	d	Nickel	7440-02-0	mg/L	3/20/2026	J	0.00477
MW-30R	d	Selenium	7782-49-2	mg/L	3/20/2026		<0.00500
MW-30R	d	Silver	7440-22-4	mg/L	3/20/2026		<0.00100
MW-30R	d	Thallium	7440-28-0	mg/L	3/20/2026		<0.00100
MW-30R	d	Vanadium	7440-62-2	mg/L	3/20/2026		<0.00500
MW-30R	d	Zinc	7440-66-6	mg/L	3/20/2026		<0.0200
MW-30R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/20/2026		<1.00
MW-30R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/20/2026		<1.00
MW-30R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/20/2026		<1.00
MW-30R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/20/2026		<1.00
MW-30R	d	1,1-Dichloroethane	75-34-3	ug/L	3/20/2026		3.17
MW-30R	d	1,1-Dichloroethene	75-35-4	ug/L	3/20/2026		<2.00
MW-30R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/20/2026		<1.00
MW-30R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/20/2026		<5.00
MW-30R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/20/2026		<1.00
MW-30R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/20/2026		<1.00
MW-30R	d	1,2-Dichloroethane	107-06-2	ug/L	3/20/2026		<1.00
MW-30R	d	1,2-Dichloropropane	78-87-5	ug/L	3/20/2026		<1.00
MW-30R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/20/2026		<1.00
MW-30R	d	2-Butanone	78-93-3	ug/L	3/20/2026		<10.0
MW-30R	d	2-Hexanone	591-78-6	ug/L	3/20/2026		<10.0
MW-30R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/20/2026		<10.0
MW-30R	d	Acetone	67-64-1	ug/L	3/20/2026		<10.0
MW-30R	d	Acrylonitrile	107-13-1	ug/L	3/20/2026		<5.00
MW-30R	d	Benzene	71-43-2	ug/L	3/20/2026	J	0.314
MW-30R	d	Bromochloromethane	74-97-5	ug/L	3/20/2026		<5.00
MW-30R	d	Bromodichloromethane	75-27-4	ug/L	3/20/2026		<1.00
MW-30R	d	Bromoform	75-25-2	ug/L	3/20/2026		<5.00
MW-30R	d	Bromomethane	74-83-9	ug/L	3/20/2026		<4.00
MW-30R	d	Carbon Disulfide	75-15-0	ug/L	3/20/2026		<1.00
MW-30R	d	Carbon Tetrachloride	56-23-5	ug/L	3/20/2026		<2.00
MW-30R	d	Chlorobenzene	108-90-7	ug/L	3/20/2026		<1.00
MW-30R	d	Chlorodibromomethane	124-48-1	ug/L	3/20/2026		<5.00
MW-30R	d	Chloroethane	75-00-3	ug/L	3/20/2026		<4.00
MW-30R	d	Chloroform	67-66-3	ug/L	3/20/2026		<3.00
MW-30R	d	Chloromethane	74-87-3	ug/L	3/20/2026		<3.00
MW-30R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/20/2026		36
MW-30R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/20/2026		<5.00
MW-30R	d	Methylene Bromide	74-95-3	ug/L	3/20/2026		<1.00
MW-30R	d	Ethylbenzene	100-41-4	ug/L	3/20/2026		<1.00
MW-30R	d	Iodomethane	74-88-4	ug/L	3/20/2026		<10.0
MW-30R	d	Methylene Chloride	75-09-2	ug/L	3/20/2026		<5.00
MW-30R	d	Styrene	100-42-5	ug/L	3/20/2026		<1.00
MW-30R	d	Tetrachloroethene	127-18-4	ug/L	3/20/2026		<1.00
MW-30R	d	Toluene	108-88-3	ug/L	3/20/2026		<1.00
MW-30R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/20/2026		1.33
MW-30R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/20/2026		<5.00
MW-30R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/20/2026		<10.0
MW-30R	d	Trichloroethene	79-01-6	ug/L	3/20/2026		1.84
MW-30R	d	Trichlorofluoromethane	75-69-4	ug/L	3/20/2026		<4.00
MW-30R	d	Vinyl Acetate	108-05-4	ug/L	3/20/2026		<10.0
MW-30R	d	Vinyl Chloride	75-01-4	ug/L	3/20/2026		4.86
MW-30R	d	Xylenes, total	1330-20-7	ug/L	3/20/2026		<3.00
MW-30R	d	Total Suspended Solids	TSS	mg/L	3/20/2026		17.8
MW-30R	d	Total Organic Carbon	TOC	mg/L	3/20/2026		3.65
MW-69	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/20/2026		<1.00
MW-69	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/20/2026		<1.00
MW-69	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/20/2026		<1.00
MW-69	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/20/2026		<1.00
MW-69	d	1,1-Dichloroethane	75-34-3	ug/L	3/20/2026		1.3
MW-69	d	1,1-Dichloroethene	75-35-4	ug/L	3/20/2026		<2.00
MW-69	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/20/2026		<1.00
MW-69	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/20/2026		<5.00
MW-69	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/20/2026		<1.00
MW-69	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/20/2026		<1.00
MW-69	d	1,2-Dichloroethane	107-06-2	ug/L	3/20/2026		<1.00
MW-69	d	1,2-Dichloropropane	78-87-5	ug/L	3/20/2026	J	0.61
MW-69	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/20/2026		<1.00
MW-69	d	2-Butanone	78-93-3	ug/L	3/20/2026		<10.0
MW-69	d	2-Hexanone	591-78-6	ug/L	3/20/2026		<10.0
MW-69	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/20/2026		<10.0
MW-69	d	Acetone	67-64-1	ug/L	3/20/2026		<10.0
MW-69	d	Acrylonitrile	107-13-1	ug/L	3/20/2026		<5.00
MW-69	d	Benzene	71-43-2	ug/L	3/20/2026	J	0.367
MW-69	d	Bromochloromethane	74-97-5	ug/L	3/20/2026		<5.00
MW-69	d	Bromodichloromethane	75-27-4	ug/L	3/20/2026		<1.00
MW-69	d	Bromoform	75-25-2	ug/L	3/20/2026		<5.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
MW-69	d	Bromomethane	74-83-9	ug/L	3/20/2026		<4.00
MW-69	d	Carbon Disulfide	75-15-0	ug/L	3/20/2026		<1.00
MW-69	d	Carbon Tetrachloride	56-23-5	ug/L	3/20/2026		<2.00
MW-69	d	Chlorobenzene	108-90-7	ug/L	3/20/2026		<1.00
MW-69	d	Chlorodibromomethane	124-48-1	ug/L	3/20/2026		<5.00
MW-69	d	Chloroethane	75-00-3	ug/L	3/20/2026		<4.00
MW-69	d	Chloroform	67-66-3	ug/L	3/20/2026		<3.00
MW-69	d	Chloromethane	74-87-3	ug/L	3/20/2026		<3.00
MW-69	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/20/2026		2.98
MW-69	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/20/2026		<5.00
MW-69	d	Methylene Bromide	74-95-3	ug/L	3/20/2026		<1.00
MW-69	d	Ethylbenzene	100-41-4	ug/L	3/20/2026		<1.00
MW-69	d	Iodomethane	74-88-4	ug/L	3/20/2026		<10.0
MW-69	d	Methylene Chloride	75-09-2	ug/L	3/20/2026		<5.00
MW-69	d	Styrene	100-42-5	ug/L	3/20/2026		<1.00
MW-69	d	Tetrachloroethene	127-18-4	ug/L	3/20/2026		<1.00
MW-69	d	Toluene	108-88-3	ug/L	3/20/2026		<1.00
MW-69	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/20/2026		<1.00
MW-69	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/20/2026		<5.00
MW-69	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/20/2026		<10.0
MW-69	d	Trichloroethene	79-01-6	ug/L	3/20/2026		<1.00
MW-69	d	Trichlorofluoromethane	75-69-4	ug/L	3/20/2026		<4.00
MW-69	d	Vinyl Acetate	108-05-4	ug/L	3/20/2026		<10.0
MW-69	d	Vinyl Chloride	75-01-4	ug/L	3/20/2026		2.82
MW-69	d	Xylenes, total	1330-20-7	ug/L	3/20/2026		<3.00
MW-69	d	Total Suspended Solids	TSS	mg/L	3/20/2026		23.3
GU-3A	d	Antimony	7440-36-0	mg/L	3/23/2026		<0.00200
GU-3A	d	Arsenic	7440-38-2	mg/L	3/23/2026	J	0.000933
GU-3A	d	Barium	7440-39-3	mg/L	3/23/2026		0.0213
GU-3A	d	Beryllium	7440-41-7	mg/L	3/23/2026		<0.00100
GU-3A	d	Cadmium	7440-43-9	mg/L	3/23/2026		<0.000200
GU-3A	d	Chromium	7440-47-3	mg/L	3/23/2026		<0.00500
GU-3A	d	Cobalt	7440-48-4	mg/L	3/23/2026		0.00157
GU-3A	d	Copper	7440-50-8	mg/L	3/23/2026		<0.00500
GU-3A	d	Lead	7439-92-1	mg/L	3/23/2026		<0.000500
GU-3A	d	Nickel	7440-02-0	mg/L	3/23/2026		0.0117
GU-3A	d	Selenium	7782-49-2	mg/L	3/23/2026		<0.00500
GU-3A	d	Silver	7440-22-4	mg/L	3/23/2026		<0.00100
GU-3A	d	Thallium	7440-28-0	mg/L	3/23/2026		<0.00100
GU-3A	d	Vanadium	7440-62-2	mg/L	3/23/2026		<0.00500
GU-3A	d	Zinc	7440-66-6	mg/L	3/23/2026		<0.0200
GU-3A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/23/2026		<1.00
GU-3A	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/23/2026		<1.00
GU-3A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/23/2026		<1.00
GU-3A	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/23/2026		<1.00
GU-3A	d	1,1-Dichloroethane	75-34-3	ug/L	3/23/2026		<1.00
GU-3A	d	1,1-Dichloroethene	75-35-4	ug/L	3/23/2026		<2.00
GU-3A	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/23/2026		<1.00
GU-3A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/23/2026		<5.00
GU-3A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/23/2026		<1.00
GU-3A	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/23/2026		<1.00
GU-3A	d	1,2-Dichloroethane	107-06-2	ug/L	3/23/2026		<1.00
GU-3A	d	1,2-Dichloropropane	78-87-5	ug/L	3/23/2026		<1.00
GU-3A	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/23/2026		<1.00
GU-3A	d	2-Butanone	78-93-3	ug/L	3/23/2026		<10.0
GU-3A	d	2-Hexanone	591-78-6	ug/L	3/23/2026		<10.0
GU-3A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/23/2026		<10.0
GU-3A	d	Acetone	67-64-1	ug/L	3/23/2026		<10.0
GU-3A	d	Acrylonitrile	107-13-1	ug/L	3/23/2026		<5.00
GU-3A	d	Benzene	71-43-2	ug/L	3/23/2026		<0.500
GU-3A	d	Bromochloromethane	74-97-5	ug/L	3/23/2026		<5.00
GU-3A	d	Bromodichloromethane	75-27-4	ug/L	3/23/2026		<1.00
GU-3A	d	Bromoform	75-25-2	ug/L	3/23/2026		<5.00
GU-3A	d	Bromomethane	74-83-9	ug/L	3/23/2026		<4.00
GU-3A	d	Carbon Disulfide	75-15-0	ug/L	3/23/2026		<1.00
GU-3A	d	Carbon Tetrachloride	56-23-5	ug/L	3/23/2026		<2.00
GU-3A	d	Chlorobenzene	108-90-7	ug/L	3/23/2026		<1.00
GU-3A	d	Chlorodibromomethane	124-48-1	ug/L	3/23/2026		<5.00
GU-3A	d	Chloroethane	75-00-3	ug/L	3/23/2026		<4.00
GU-3A	d	Chloroform	67-66-3	ug/L	3/23/2026		<3.00
GU-3A	d	Chloromethane	74-87-3	ug/L	3/23/2026		<3.00
GU-3A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/23/2026		<1.00
GU-3A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/23/2026		<5.00
GU-3A	d	Methylene Bromide	74-95-3	ug/L	3/23/2026		<1.00
GU-3A	d	Ethylbenzene	100-41-4	ug/L	3/23/2026		<1.00
GU-3A	d	Iodomethane	74-88-4	ug/L	3/23/2026		<10.0
GU-3A	d	Methylene Chloride	75-09-2	ug/L	3/23/2026		<5.00
GU-3A	d	Styrene	100-42-5	ug/L	3/23/2026		<1.00
GU-3A	d	Tetrachloroethene	127-18-4	ug/L	3/23/2026		<1.00
GU-3A	d	Toluene	108-88-3	ug/L	3/23/2026		<1.00
GU-3A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/23/2026		<1.00
GU-3A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/23/2026		<5.00
GU-3A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/23/2026		<10.0
GU-3A	d	Trichloroethene	79-01-6	ug/L	3/23/2026		<1.00
GU-3A	d	Trichlorofluoromethane	75-69-4	ug/L	3/23/2026		<4.00
GU-3A	d	Vinyl Acetate	108-05-4	ug/L	3/23/2026		<10.0
GU-3A	d	Vinyl Chloride	75-01-4	ug/L	3/23/2026		<1.00

Table 9
Summary of Groundwater Chemistry
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	Flags	Obs
GU-3A	d	Xylenes, total	1330-20-7	ug/L	3/23/2026		<3.00
GU-3A	d	Total Suspended Solids	TSS	mg/L	3/23/2026		4

Table 10
Historic SSIs and SSLs Since January 1, 2009
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Key: gray = SSI; black = SSL		Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Fall 2015	Annual 2016	Annual 2017	Annual 2018	Annual 2019	Annual 2020	Annual 2021	Annual 2022	Annual 2023	Annual 2024	Annual 2025	Annual 2026
Well	**Constituent**																						
MW-14R	Arsenic																						
	Barium																					*	**
	Cadmium																					*	**
	1,1-Dichloroethane																						
	1,2-Dibromo-3-Chloropropane																						
	cis-1,2-Dichloroethene																						
	Sulfide																				*	***	***
	Trichloroethene																						
	Vinyl chloride																						
MW-18	Mercury																				*	**	
MW-19	Mercury																				*	**	
MW-21	Arsenic																						
MW-28	Arsenic																						
	Mercury																				*	**	
MW-29	Arsenic																						
	Barium																						
	Cobalt																						
	Copper																						*
	Nickel																						
	1,1-Dichloroethane																						
	1,4-Dichlorobenzene																						
	Benzene																						
	Chlorobenzene																						
	cis-1,2-Dichloroethene																						
	Trichloroethene																						
	Vinyl chloride																						

Table 10
Historic SSIs and SSLs Since January 1, 2009
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Key: gray = SSI; black = SSL

Well	Constituent	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Fall 2015	Annual 2016	Annual 2017	Annual 2018	Annual 2019	Annual 2020	Annual 2021	Annual 2022	Annual 2023	Annual 2024	Annual 2025	Annual 2026
MW-30R	Arsenic																						
	Barium																						
	Cobalt																						
	1,1-Dichloroethane																						
	Benzene																						
	cis-1,2-Dichloroethene																						
	Thallium																				*	**	
	trans-1,2-Dichloroethene																						
	Trichloroethene																						
	Vinyl chloride																						
MW-31R	Arsenic																						
	Barium																						
	Cobalt																						
MW-32R	Cobalt																						
	Lead																						*
MW-33R	Arsenic																						
	Barium																						
	Cadmium																						
	Cobalt																						
MW-39	Cobalt																						
	Mercury																				*	**	
	Nickel																				*	**	
MW-56	Arsenic																						
	Barium																						
	Cobalt																						
	Nickel																						
	Thallium																				*	**	
	Benzene																						

Table 10
Historic SSIs and SSLs Since January 1, 2009
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Key: gray = SSI; black = SSL																							
Well	**Constituent**	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Fall 2015	Annual 2016	Annual 2017	Annual 2018	Annual 2019	Annual 2020	Annual 2021	Annual 2022	Annual 2023	Annual 2024	Annual 2025	Annual 2026
MW-57	Arsenic			■	■	■		■					■	■	■								
	Cobalt			■	■	■	■	■	■	■	■	■	■	■	■								
MW-57R	Arsenic																				▒		▒
	Barium																				▒		
	Benzene																				▒		
	Cadmium																				▒	▒	▒
	cis-1,2-Dichloroethene																				▒		
	Cobalt																				■	▒	▒
	Copper																					*	**
	Lead																					*	**
	Nickel																				▒	▒	▒
	trans-1,2-Dichloroethene																				▒		
	Trichloroethene																				▒		
	Vanadium																					*	**
	Vinyl chloride																				▒		
MW-58	Arsenic							■				■					■	■	■	■	■	■	■
	Barium																		▒	▒	▒	▒	▒
	Cobalt			■	■	■																	
	Copper																					*	▒
	Nickel																		▒		▒		▒
	Benzene																	▒	▒	▒	▒	▒	▒
	Chlorobenzene																	▒	▒	▒	▒	▒	▒

Table 10
Historic SSIs and SSLs Since January 1, 2009
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Key: gray = SSI; black = SSL		Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Fall 2015	Annual 2016	Annual 2017	Annual 2018	Annual 2019	Annual 2020	Annual 2021	Annual 2022	Annual 2023	Annual 2024	Annual 2025	Annual 2026
Well	**Constituent**																						
GU-3A	Cobalt																						
	Copper																						
	Nickel																						
	Zinc																						

Comments:

1) Beginning in 2011, groundwater control system discharge point GU-3A was determined to not require statistical evaluation. Historic volatile organic compound (VOC) detections required the discharge from GU-3A to be treated as leachate, and GU-3A will continue to be treated as leachate until VOCs cease to be detected and a detection monitoring statistical analysis indicates statistically significant increases (SSIs) are not present. At that time, future monitoring requirements will be determined.

2) In previous Annual Water Quality Reports (AWQRs) submitted to the Iowa Department of Natural Resources (IDNR), this table only presented constiuents at statistically significant levels (SSLs). The SSIs detected in 2021 were added to the table, and SSIs will be included going forward.

Notes:

* Constituent was initially detected above laboratory reporting limits during the monitoring event and is a potential SSI. A verification event will be conducted during the next annual monitoring event to confirm the SSI.

** Based on verification results during the monitoring event, constituent was determined not to be an SSI.

*** The 2025 annual sampling event was intended to be a verification monitoring event for sulfide at monitoring well MW-14R. Due to the holding time being exceeded for sulfide analysis for the 2025 groundwater sample from MW-14R, verification of the sulfide SSI could not be confirmed. Another verification event for the sulfide constituent was conducted during the 2026 annual monitoring event. Sulfide SSI verification could not be confirmed since the sample was analyzed beyond the specified holding time. One more verification event for sulfide in MW-14R will be conducted during the 2027 annual monitoring event.

Table 11
Corrective Action Trend Analysis
2026 Annual Water Quality Report
Phase I MSWLF Unit
Permit No. 77-SDP-01-72P

Well	Constituent	Trend	Sample Size	Projected Year to Completion	Comments
MW-29	Cobalt	Increasing (Not Significant)[1]	8	6/4/2038	The concentrations of the recent eight sampling events are above the site-specific GWPS of 0.0137 mg/L. Concentrations from the eight most recent sampling events exhibit an increasing trend that is not statistically significant with a slope of 0.0005366 mg/L/year.
	Vinyl Chloride	Decreasing (Not Significant)[1]	8	6/4/2038	Among the concentrations of the eight most recent sampling events, all except the April 2025 result (1.95 µg/L) are above the GWPS (2 µg/L). The most recent eight concentrations exhibit a decreasing trend that is not statistically significant with a slope of -0.185 µg/L/year.
MW-30R	Arsenic	Increasing (Not Significant)[1]	8	6/4/2038	Each of the most recent eight sampling events exceed the GWPS (0.01 mg/L), except for the March 2020 result (0.00973 mg/L). The increasing trend, which is not statistically significant, has a slope of 0.000381 mg/L/year.
	Vinyl Chloride	Decreasing (Not Significant)[1]	8	6/4/2038	Each of the most recent eight sampling events exceed the GWPS (2 µg/L). The most recent eight samples exhibit a decreasing trend that is not statistically significant and has a slope of -0.5304 µg/L/year.
MW-58	Arsenic	Increasing (Not Significant)[1]	8	6/4/2038	Each of the eight most recent concentrations are above the GWPS (0.01 mg/L). Concentrations exhibit an increasing trend that is not statistically significant with a slope of 0.0008109 mg/L/year.

[1]Trend is not statistically significant at the 98% confidence limit. The increasing or decreasing trend designation was based off the slope value, where, for example, a positive slope is designated as increasing although it is not statistically significant.

Comments:
This table summarizes the trends of constituents with SSLs identified during the 2026 statistical analysis.

This page intentionally left blank.

Appendix A

Field Sampling Forms

This page intentionally left blank

MPE Groundwater Level Gauging Form

Sampler(s): Caleb Gomez& Chad Dentlinger

Equipment: In-Situ 200

Well	Date	Time	Water Level below TOC (feet)	Bottom of Casing below TOC (feet)	Notes
MW-3	3/17/2026	9:07 AM	11.28		
MW-4	3/16/2026	9:57 AM	10.13		
MW-5	3/16/2026	9:54 AM	12.27		
MW-6	3/18/2026	11:46 AM	3.74		
MW-14R	3/20/2026	4:18 PM	13.46		
MW-15	3/17/2026	9:04 AM	9.25		
MW-16	3/17/2026	9:00 AM	10.91		
MW-18	3/19/2026	9:19 AM	15.43		
MW-19	3/19/2026	10:34 AM	6.75		
MW-23	3/18/2026	10:15 AM	14.54		
MW-24R	3/18/2026	11:11 AM	7.85		
MW-26	3/18/2026	12:05 PM	11.75		
MW-28	3/19/2026	11:30 AM	10.50		
MW-29	3/20/2026	5:25 PM	26.95		
MW-30R	3/20/2026	6:05 PM	17.70		
MW-31R	3/19/2026	7:06 PM	18.86		
MW-32R	3/20/2026	10:44 AM	15.05		
MW-33R	3/20/2026	9:52 AM	16.55		
MW-34	3/16/2026	9:41 AM	6.67		
MW-35R2	3/16/2026	9:31 AM	5.20		
MW-36	3/16/2026	9:38 AM	2.98		
MW-37	3/18/2026	6:12 PM	12.68		
MW-38	3/16/2026	9:44 AM	4.46		
MW-39	3/19/2026	7:56 AM	9.70		
MW-43	3/19/2026	9:21 AM	16.38		
MW-44A	3/16/2026	9:00 AM	3.35		
MW-44B	3/16/2026	9:02 AM	4.60		
MW-45	3/16/2026	9:11 AM	14.30		
MW-46	3/16/2026	9:17 AM	9.08		
MW-49R	3/17/2026	2:00 PM	Dry		
MW-50	3/17/2026	9:29 AM	13.15		
MW-51	3/20/2026	7:42 PM	1.35		
MW-52	3/20/2026	7:45 PM	2.25		
MW-53	3/17/2026	7:48 PM	4.98		
MW-54	3/17/2026	9:24 AM	7.02		
MW-55	3/19/2026	8:42 AM	14.91		
MW-56	3/19/2026	12:17 PM	11.90		
MW-57R	3/19/2026	5:05 PM	15.72		
MW-58	3/19/2026	4:25 PM	12.30		
MW-60	3/19/2026	3:56 PM	12.22		
MW-61	3/18/2026	6:11 PM	7.65		
MW-62	3/18/2026	5:40 PM	10.07		

Sampler(s): Caleb Gomez& Chad Dentlinger

Equipment: In-Situ 200

Well	Date	Time	Water Level below TOC (feet)	Bottom of Casing below TOC (feet)	Notes
MW-63	3/17/2026	9:14 AM	19.42		
MW-64	3/17/2026	9:17 AM	27.12		
MW-65	3/17/2026	9:20 AM	17.38		
MW-66	3/20/2026	3:10 PM	8.88		
MW-67	3/20/2026	3:45 PM	4.63		
MW-68	3/18/2026	5:05 PM	20.63		
MW-69	3/20/2026	4:54 PM	21.28		
MW-70	3/18/2026	1:57 PM	12.60		
MW-73	3/19/2026	3:15 PM	12.78		
MW-B	3/18/2026	4:05 PM	18.34		
MW-C	3/20/2026	9:05 AM	20.68		
MW-E	3/18/2026	3:00 PM	14.28		
PZ-11	3/16/2026	9:48 AM	5.50		
PZ-12	3/19/2026	7:00 PM	6.16		
PZ-13	3/19/2026	6:30 PM	8.79		
PZ-9	3/17/2026	9:12 AM	13.44		
SP-E1	3/23/2026	11:14 AM	14.92		
SP-E2	3/23/2026	11:11 AM	14.92		
SP-E3	3/23/2026	11:08 AM	Dry	15.21	
SP-E4	3/23/2026	11:05 AM	15.33		
SP-E5	3/23/2026	11:02 AM	15.15		
SP-E6	3/23/2026	11:00 AM	15.06		

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Chad Dentlinger
MW Identification: MW-14R	Date: 3/20/26
Sample Number: 26	Time: 16:18
Weather Conditions: Sunny, 78	
Wellhead Inspection: Good	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	YES
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)	13.46	6. Purge Rate (mL/min)	391.67
2. Bottom of casing (±0.01 ft. BTOC)	NM	7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	4	8. Purge Equipment Used	Bladder/QED MP15
4. Total Volume of Water Purged (mL)	4,700	9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor: none / Turbidity: low		11. Thickness of immiscible layer	N/A
Color: clear w/ black particles		12. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
4:23 PM	**Pump Start**							
4:26 PM	1400	14.8	984.9	-101.4	0.11	0.34	7.03	14.12
4:29 PM	2500	14.6	1023.0	-115.1	0.05	0.32	7.00	14.51
4:32 PM	3650	14.4	1021.2	-122.9	0.01	0.61	6.97	14.96
4:35 PM	4700	14.5	1019.5	-127.7	0.01	1.19	6.96	15.40

Well evacuated to dryness?	NO	Time to recharge (min):		9. Decontamination Procedures:	
1. Sample Filtered?	NO	6. Sample Time:	4:35 PM	**Alconox/DI Rinse**	
2. Sampling Equip. Used	Bladder/QED MP15	7: Parameter/Container/Pres.		10. Instrument type: **In-Situ AquaTROLL 600**	
3. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A	**See Attached COC**		Calibration Date:	**LAB**
4. Sample Rate (mL/min)	391.67			Calibration Time:	**LAB**
5. Sample Water Characteristics:				Stnd. / Reading / Adjust.	
Turbidity	low	8. Other Information:		pH	
Color	clear			Conduct.	**See attached Lab Form for Calibration Data**
Odor	none	Dup-1 @ 16:45		ORP	
Other				D.O	
				Turbidity	

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Caleb Gomez
MW Identification: MW-18	Date: 3/19/26
Sample Number: 12	Time: 9:19
Weather Conditions: Sunny	
Wellhead Inspection: Good	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	YES
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)	15.43	6. Purge Rate (mL/min)	316.67
2. Bottom of casing (±0.01 ft. BTOC)	NM	7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	2	8. Purge Equipment Used	Bladder/QED MP15
4. Total Volume of Water Purged (mL)	9,500	9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor: none / Turbidity: low		11. Thickness of immiscible layer	N/A
Color: clear		12. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
9:23 AM	**Pump Start**							
9:26 AM	1200	11.4	923.1	71.4	0.23	3.78	7.07	17.41
9:29 AM	1800	11.5	910.9	63.1	0.09	2.49	7.12	18.40
9:32 AM	2500	11.7	898.7	57.0	0.10	0.56	7.17	19.52
9:35 AM	3500	11.7	896.8	51.8	0.10	0.09	7.18	20.68
9:38 AM	4500	11.7	897.4	50.4	0.12	0.09	7.20	21.71
9:41 AM	5500	11.8	895.6	52.5	0.33	0.14	7.22	22.79
9:44 AM	6500	11.8	894.9	59.9	0.75	0.11	7.24	23.73
9:47 AM	7500	11.8	892.7	58.2	0.94	0.12	7.28	24.62
9:50 AM	8500	11.8	893.9	35.7	0.99	0.09	7.27	25.45
9:53 AM	9500	11.9	895.1	20.8	0.98	0.07	7.28	26.45

Well evacuated to dryness?	NO	Time to recharge (min):	
1. Sample Filtered?	NO	6. Sample Time:	9:53 AM
2. Sampling Equip. Used	Bladder/QED MP15	7: Parameter/Container/Pres.	**See Attached COC**
3. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A		
4. Sample Rate (mL/min)	316.67		
5. Sample Water Characteristics:			
Turbidity	low	8. Other Information:	
Color	clear		
Odor	none		
Other			

9. Decontamination Procedures: **Alconox/DI Rinse**

10. Instrument type: **In-Situ AquaTROLL 600**

Calibration Date: **LAB**

Calibration Time: **LAB**

	Stnd.	Reading	Adjust.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Caleb Gomez
MW Identification: MW-19	Date: 3/19/26
Sample Number: 13	Time: 10:34
Weather Conditions: Sunny	
Wellhead Inspection: Good	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	YES
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)	6.75	6. Purge Rate (mL/min)	354.17
2. Bottom of casing (±0.01 ft. BTOC)	NM	7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	2	8. Purge Equipment Used	Bladder/QED MP15
4. Total Volume of Water Purged (mL)	4,250	9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor: none / Turbidity: low		11. Thickness of immiscible layer	N/A
Color: clear		12. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
10:41 AM	**Pump Start**							
10:44 AM	1150	9.1	733.9	145.2	3.93	0.11	7.05	9.35
10:47 AM	2150	8.8	734.8	157.7	3.89	0.13	7.04	10.55
10:50 AM	3250	8.8	732.2	163.4	3.90	0.16	7.04	11.90
10:53 AM	4250	8.7	734.6	160.7	3.85	0.17	7.04	13.00

Well evacuated to dryness?	NO	Time to recharge (min):		9. Decontamination Procedures:	
1. Sample Filtered?	NO	6. Sample Time:	10:53 AM	**Alconox/DI Rinse**	
2. Sampling Equip. Used	Bladder/QED MP15	7: Parameter/Container/Pres.		10. Instrument type: **In-Situ AquaTROLL 600**	
3. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A	**See Attached COC**		Calibration Date:	**LAB**
4. Sample Rate (mL/min)	354.17			Calibration Time:	**LAB**
5. Sample Water Characteristics:				Stnd. / Reading / Adjust.	
Turbidity	low	8. Other Information:		pH	
Color	clear			Conduct.	**See attached Lab Form for Calibration Data**
Odor	none			ORP	
Other				D.O	
				Turbidity	

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Caleb Gomez
MW Identification: MW-23	Date: 3/18/26
Sample Number: 1	Time: 10:15
Weather Conditions: Sunny	
Wellhead Inspection: Good	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	YES
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)	14.54	6. Purge Rate (mL/min)	427.08
2. Bottom of casing (±0.01 ft. BTOC)	NM	7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	2	8. Purge Equipment Used	Bladder/QED MP15
4. Total Volume of Water Purged (mL)	10,250	9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor: none / Turbidity: low		11. Thickness of immiscible layer	N/A
Color: clear		12. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
10:23 AM	**Pump Start**							
10:26 AM	1750	10.7	825.1	-3.8	1.43	0.85	6.83	17.31
10:29 AM	2950	10.7	818.3	41.7	3.10	1.25	6.73	19.27
10:32 AM	4150	10.6	782.9	50.6	3.86	1.11	6.74	20.01
10:35 AM	5650	10.6	481.8	55.6	6.48	1.52	6.91	22.80
10:38 AM	6750	10.6	409.8	53.0	7.96	2.65	7.23	24.57
10:41 AM	7850	10.6	403.9	55.8	8.17	1.35	7.59	26.39
10:44 AM	9050	10.7	402.3	60.2	8.19	0.95	7.66	28.00
10:47 AM	10250	10.6	402.7	61.4	8.19	0.92	7.74	29.48

Well evacuated to dryness?	NO	Time to recharge (min):	
1. Sample Filtered?	NO	6. Sample Time:	10:47 AM
2. Sampling Equip. Used	Bladder/QED MP15	7: Parameter/Container/Pres.	**See Attached COC**
3. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A		
4. Sample Rate (mL/min)	427.08		
5. Sample Water Characteristics:			
Turbidity	low	8. Other Information:	
Color	clear		
Odor	none		
Other			

9. Decontamination Procedures: **Alconox/DI Rinse**

10. Instrument type: **In-Situ AquaTROLL 600**

Calibration Date: **LAB**

Calibration Time: **LAB**

	Stnd.	Reading	Adjust.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Caleb Gomez
MW Identification: MW-24R	Date: 3/18/26
Sample Number: 2	Time: 11:11
Weather Conditions: Sunny	
Wellhead Inspection: Good	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	YES
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)	7.85	6. Purge Rate (mL/min)	387.50
2. Bottom of casing (±0.01 ft. BTOC)	NM	7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	2	8. Purge Equipment Used	Bladder/QED MP15
4. Total Volume of Water Purged (mL)	4,650	9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor: none / Turbidity: low		11. Thickness of immiscible layer	N/A
Color: clear		12. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
11:16 AM	**Pump Start**							
11:19 AM	1950	7.9	885.7	100.6	9.31	1.35	6.73	8.57
11:22 AM	2850	7.8	893.6	111.8	9.32	2.45	6.74	8.68
11:25 AM	3750	7.7	893.9	114.2	9.43	2.68	6.76	8.71
11:28 AM	4650	7.8	884.0	114.8	9.65	1.85	6.79	8.76

Well evacuated to dryness?	NO	Time to recharge (min):		9. Decontamination Procedures:	
1. Sample Filtered?	NO	6. Sample Time:	11:28 AM	**Alconox/DI Rinse**	
2. Sampling Equip. Used	Bladder/QED MP15	7: Parameter/Container/Pres.		10. Instrument type: **In-Situ AquaTROLL 600**	
3. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A	**See Attached COC**		Calibration Date:	**LAB**
4. Sample Rate (mL/min)	387.50			Calibration Time:	**LAB**
5. Sample Water Characteristics:				Stnd. / Reading / Adjust.	
Turbidity	low	8. Other Information:		pH	
Color	clear			Conduct.	**See attached Lab Form for Calibration Data**
Odor	none			ORP	
Other				D.O	
				Turbidity	

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Caleb Gomez
MW Identification: MW-28	Date: 3/19/26
Sample Number: 14	Time: 11:30
Weather Conditions: Sunny	
Wellhead Inspection: Good	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	YES
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)	10.50	6. Purge Rate (mL/min)	333.33
2. Bottom of casing (±0.01 ft. BTOC)	NM	7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	2	8. Purge Equipment Used	Bladder/QED MP15
4. Total Volume of Water Purged (mL)	6,000	9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor: none / Turbidity: low		11. Thickness of immiscible layer	N/A
Color: clear		12. Drive Gas (Air/Nitrogen)	AIR / CO2 / N/A

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
11:38 AM	**Pump Start**							
11:41 AM	1300	11.6	754.8	-50.3	1.47	5.74	7.24	11.88
11:44 AM	2100	11.8	762.7	-68.0	0.80	0.72	7.20	12.10
11:47 AM	3000	12.0	766.9	-77.1	0.32	0.24	7.17	12.15
11:50 AM	4000	12.0	768.2	-83.1	0.16	0.30	7.18	12.23
11:53 AM	5000	11.9	767.6	-88.2	0.08	0.25	7.18	12.32
11:56 AM	6000	12.1	770.7	-88.9	0.05	0.26	7.15	12.27

Well evacuated to dryness?	NO	Time to recharge (min):		9. Decontamination Procedures:	
1. Sample Filtered?	NO	6. Sample Time:	11:56 AM	**Alconox/DI Rinse**	
2. Sampling Equip. Used	Bladder/QED MP15	7: Parameter/Container/Pres.		10. Instrument type: **In-Situ AquaTROLL 600**	
3. Drive Gas (Air/Nitrogen)	AIR / CO2 / N/A	**See Attached COC**		Calibration Date:	**LAB**
4. Sample Rate (mL/min)	333.33			Calibration Time:	**LAB**
5. Sample Water Characteristics:				Stnd. / Reading / Adjust.	
Turbidity	low	8. Other Information:		pH	
Color	clear			Conduct.	**See attached Lab Form for Calibration Data**
Odor	none			ORP	
Other				D.O	
				Turbidity	

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Chad Dentlinger
MW Identification: MW-29	Date: 3/20/26
Sample Number: 28	Time: 17:25
Weather Conditions: Cloudy, 76	
Wellhead Inspection: Good, sign post needs straightenend	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	YES
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)	26.95	6. Purge Rate (mL/min)	
2. Bottom of casing (±0.01 ft. BTOC)	NM	7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	2	8. Purge Equipment Used	Bladder/QED MP15
4. Total Volume of Water Purged (mL)	3,650	9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor: none	Turbidity: low	11. Thickness of immiscible layer	N/A
Color: clear		12. Drive Gas (Air/Nitrogen)	AIR / CO2 / N/A

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
5:31 PM	**Pump Start**							
5:34 PM	1050	14.6	2811.1	-70.0	0.82	0.92	6.35	27.32
5:37 PM	1900	14.4	2748.0	-79.8	0.15	0.74	6.32	27.41
5:40 PM	2800	14.6	2590.6	-78.8	0.10	0.17	6.27	27.49
5:43 PM	3650	14.4	2518.7	-81.1	0.09	0.02	6.25	27.59

Well evacuated to dryness?	NO	Time to recharge (min):		9. Decontamination Procedures:	
1. Sample Filtered?	NO	6. Sample Time:	5:43 PM	**Alconox/DI Rinse**	
2. Sampling Equip. Used	Bladder/QED MP15	7: Parameter/Container/Pres.		10. Instrument type: **In-Situ AquaTROLL 600**	
3. Drive Gas (Air/Nitrogen)	AIR / CO2 / N/A	**See Attached COC**		Calibration Date:	**LAB**
4. Sample Rate (mL/min)				Calibration Time:	**LAB**
5. Sample Water Characteristics:				Stnd. / Reading / Adjust.	
Turbidity	low	8. Other Information:		pH	
Color	clear			Conduct.	**See attached Lab Form for Calibration Data**
Odor	none	Dup-2 @ 17:50		ORP	
Other				D.O	
				Turbidity	

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Chad Dentlinger
MW Identification: MW-30R	Date: 3/20/26
Sample Number: 29	Time: 18:05
Weather Conditions: Cloudy, 75	
Wellhead Inspection: Good	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	YES
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)	19.70	6. Purge Rate (mL/min)	303.70
2. Bottom of casing (±0.01 ft. BTOC)	NM	7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	2	8. Purge Equipment Used	Bladder/QED MP15
4. Total Volume of Water Purged (mL)	8,200	9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor: none / Turbidity: low		11. Thickness of immiscible layer	N/A
Color: slightly cloudy		12. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
6:14 PM	**Pump Start**							
6:17 PM	1150	13.5	1685.3	-27.4	0.19	77.93	6.39	18.30
6:20 PM	2050	13.5	1735.3	-35.8	0.14	47.16	6.33	18.36
6:23 PM	3000	13.6	1722.2	-41.3	0.10	31.05	6.29	18.38
6:26 PM	3800	13.4	1710.0	-48.1	0.09	24.10	6.28	18.39
6:29 PM	4600	13.4	1701.3	-52.4	0.09	16.76	6.27	18.42
6:32 PM	5500	13.6	1707.9	-57.6	0.07	13.18	6.26	18.44
6:35 PM	6500	13.5	1685.3	-60.7	0.05	9.15	6.26	18.40
6:38 PM	7300	13.4	1679.7	-65.5	0.04	9.49	6.26	18.38
6:41 PM	8200	13.3	1671.8	-68.6	0.01	9.20	6.26	18.41

Well evacuated to dryness?	NO	Time to recharge (min):		9. Decontamination Procedures:	
1. Sample Filtered?	NO	6. Sample Time:	6:41 PM	**Alconox/DI Rinse**	
2. Sampling Equip. Used	Bladder/QED MP15	7: Parameter/Container/Pres.		10. Instrument type: **In-Situ AquaTROLL 600**	
3. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A	**See Attached COC**		Calibration Date:	**LAB**
4. Sample Rate (mL/min)	303.70			Calibration Time:	**LAB**
5. Sample Water Characteristics:				Stnd. / Reading / Adjust.	
Turbidity	low	8. Other Information:		pH	
Color	clear			Conduct.	**See attached Lab Form for Calibration Data**
Odor	none	Dup-3 @ 18:47		ORP	
Other				D.O	
				Turbidity	

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Chad Dentlinger
MW Identification: MW-31R	Date: 3/19/26
Sample Number: 20	Time: 19:06
Weather Conditions: Cloudy, 68	
Wellhead Inspection: Good	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	YES
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)	18.86	6. Purge Rate (mL/min)	350.00
2. Bottom of casing (±0.01 ft. BTOC)	NM	7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	2	8. Purge Equipment Used	Bladder/QED MP15
4. Total Volume of Water Purged (mL)	8,400	9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor: none / Turbidity: high then low		11. Thickness of immiscible layer	N/A
Color: clear		12. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
7:10 PM	**Pump Start**							
7:13 PM	1300	13.0	726.4	-84.1	0.09	60.31	6.68	19.80
7:16 PM	2250	12.9	725.1	-93.8	0.08	239.82	6.66	19.80
7:19 PM	3200	12.9	725.8	-99.3	0.08	45.64	6.65	19.86
7:22 PM	4250	12.9	725.3	-102.5	0.08	15.05	6.65	20.04
7:25 PM	5300	12.8	725.1	-107.0	0.08	12.05	6.65	20.05
7:28 PM	6200	12.8	726.4	-111.0	0.07	8.75	6.64	20.02
7:31 PM	7300	12.7	726.4	-112.0	0.07	6.47	6.65	20.04
7:34 PM	8400	12.7	727.3	-116.0	0.07	8.25	6.64	20.06

Well evacuated to dryness?	NO	Time to recharge (min):		9. Decontamination Procedures:	
1. Sample Filtered?	NO	6. Sample Time:	7:34 PM	**Alconox/DI Rinse**	
2. Sampling Equip. Used	Bladder/QED MP15	7: Parameter/Container/Pres.		10. Instrument type: **In-Situ AquaTROLL 600**	
3. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A	**See Attached COC**		Calibration Date:	**LAB**
4. Sample Rate (mL/min)	350.00			Calibration Time:	**LAB**
5. Sample Water Characteristics:				Stnd. / Reading / Adjust.	
Turbidity	low	8. Other Information:		pH	
Color	clear			Conduct.	**See attached Lab Form for Calibration Data**
Odor	none			ORP	
Other				D.O	
				Turbidity	

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Caleb Gomez
MW Identification: MW-32R	Date: 3/20/26
Sample Number: 23	Time: 10:44
Weather Conditions: Sunny	
Wellhead Inspection: Good	page 1 of 2

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	YES
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)	15.05	6. Purge Rate (mL/min)	279.76
2. Bottom of casing (±0.01 ft. BTOC)	NM	7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	2	8. Purge Equipment Used	Bladder/QED MP15
4. Total Volume of Water Purged (mL)	14,750	9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor: none / Turbidity: hazy		11. Thickness of immiscible layer	N/A
Color: yellow/brown		12. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
10:49 AM	**Pump Start**							
10:52 AM	1450	12.9	646.7	-38.5	0.07	417.18	7.15	15.99
10:55 AM	2350	13.0	646.6	-46.3	0.06	283.96	7.13	16.15
10:58 AM	3250	12.9	646.2	-54.5	0.05	235.67	7.15	16.20
11:01 AM	4250	12.8	643.9	-60.4	0.05	128.58	7.15	16.35
11:04 AM	5250	12.7	645.9	-65.6	0.04	77.54	7.16	16.40
11:07 AM	6350	12.8	645.6	-69.1	0.04	63.65	7.16	16.45
11:10 AM	7450	12.9	643.3	-71.2	0.03	45.03	7.14	16.55
11:13 AM	8550	12.9	645.8	-69.8	0.03	41.61	7.16	16.60
11:16 AM	9650	12.8	646.6	-70.8	0.03	33.92	7.16	16.62
11:19 AM	10450	12.9	647.5	-68.8	0.02	29.78	7.13	16.55
11:22 AM	11450	12.9	647.5	-78.5	0.02	48.67	7.16	16.62

Well evacuated to dryness?	NO	Time to recharge (min):	
1. Sample Filtered?	NO	6. Sample Time:	11:31 AM
2. Sampling Equip. Used	Bladder/QED MP15	7: Parameter/Container/Pres.	**See Attached COC**
3. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A		
4. Sample Rate (mL/min)	279.76		
5. Sample Water Characteristics:			
Turbidity	medium/low	8. Other Information:	
Color	clear		
Odor	none		
Other			

9. Decontamination Procedures: **Alconox/DI Rinse**

10. Instrument type: **In-Situ AquaTROLL 600**

Calibration Date: **LAB**

Calibration Time: **LAB**

	Stnd.	Reading	Adjust.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Caleb Gomez
MW Identification: MW-32R	Date: 3/20/26
Sample Number: 23	Time: 10:44
Weather Conditions: Sunny	
Wellhead Inspection: Good	page 2 of 2

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	YES
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)	15.05	6. Purge Rate (mL/min)	279.76
2. Bottom of casing (±0.01 ft. BTOC)	NM	7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	2	8. Purge Equipment Used	Bladder/QED MP15
4. Total Volume of Water Purged (mL)	14,750	9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor: none / Turbidity: hazy		11. Thickness of immiscible layer	N/A
Color: yellow/brown		12. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
	Pump Start							
11:25 AM	12550	12.9	644.3	-83.3	0.02	66.61	7.15	16.54
11:28 AM	13650	12.9	647.7	-86.6	0.02	66.75	7.16	16.58
11:31 AM	14750	13.0	647.3	-89.7	0.01	63.32	7.16	16.67

Well evacuated to dryness?	NO	Time to recharge (min):	
1. Sample Filtered?	NO	6. Sample Time:	11:31 AM
2. Sampling Equip. Used	Bladder/QED MP15	7: Parameter/Container/Pres.	**See Attached COC**
3. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A		
4. Sample Rate (mL/min)	279.76		
5. Sample Water Characteristics:			
Turbidity	medium/low	8. Other Information:	
Color	clear		
Odor	none		
Other			

9. Decontamination Procedures: **Alconox/DI Rinse**

10. Instrument type: **In-Situ AquaTROLL 600**

Calibration Date: **LAB**

Calibration Time: **LAB**

	Stnd.	Reading	Adjust.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Caleb Gomez
MW Identification: MW-33R	Date: 3/20/26
Sample Number: 22	Time: 9:52
Weather Conditions: Sunny	
Wellhead Inspection: Good	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	YES
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)	16.55	6. Purge Rate (mL/min)	356.06
2. Bottom of casing (±0.01 ft. BTOC)	NM	7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	2	8. Purge Equipment Used	Bladder/QED MP15
4. Total Volume of Water Purged (mL)	11,750	9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor: none / Turbidity: cloudy with		11. Thickness of immiscible layer	N/A
Color: yellow / some particles		12. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
9:55 AM	**Pump Start**							
9:58 AM	1350	12.8	1751.5	90.2	1.62	91.86	6.42	17.42
10:01 AM	2450	12.8	1736.7	64.5	0.99	39.67	6.39	17.52
10:04 AM	3550	12.8	1724.9	50.5	0.72	27.42	6.38	17.61
10:07 AM	4650	12.9	1725.9	47.6	0.56	20.33	6.38	17.57
10:10 AM	5650	12.8	1715.6	43.0	0.44	17.93	6.38	17.62
10:13 AM	6650	13.0	1706.1	40.9	0.37	15.03	6.38	17.63
10:16 AM	7650	12.9	1706.5	34.4	0.29	12.66	6.38	17.65
10:19 AM	8750	12.8	1701.1	33.3	0.23	11.62	6.38	17.75
10:22 AM	9750	13.0	1690.3	28.0	0.18	9.46	6.38	17.80
10:25 AM	10750	12.9	1697.8	27.2	0.15	7.97	6.38	17.74
10:28 AM	11750	13.0	1685.1	23.6	0.12	6.89	6.38	17.75

Well evacuated to dryness?	NO	Time to recharge (min):	
1. Sample Filtered?	NO	6. Sample Time:	10:28 AM
2. Sampling Equip. Used	Bladder/QED MP15	7: Parameter/Container/Pres.	**See Attached COC**
3. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A		
4. Sample Rate (mL/min)			
5. Sample Water Characteristics:			
Turbidity	low	8. Other Information:	
Color	clear		
Odor	none		
Other			

9. Decontamination Procedures: **Alconox/DI Rinse**

10. Instrument type: **In-Situ AquaTROLL 600**

Calibration Date: **LAB**

Calibration Time: **LAB**

	Stnd.	Reading	Adjust.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Caleb Gomez
MW Identification: MW-39	Date: 3/19/26
Sample Number: 10	Time: 7:56
Weather Conditions: Sunny	
Wellhead Inspection: Good	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	YES
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)	9.70	6. Purge Rate (mL/min)	369.10
2. Bottom of casing (±0.01 ft. BTOC)	NM	7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	3	8. Purge Equipment Used	Bladder/QED MP15
4. Total Volume of Water Purged (mL)	7,750	9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor: none / Turbidity: small particles		11. Thickness of immiscible layer	N/A
Color: clear		12. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
8:03 AM	**Pump Start**							
8:06 AM	1450	10.2	1020.2	130.8	2.59	1.54	6.52	10.00
8:09 AM	2450	10.1	1025.8	133.8	2.46	1.20	6.46	10.14
8:12 AM	3550	10.3	1023.0	127.8	2.30	1.54	6.43	10.25
8:15 AM	4550	10.3	1024.8	122.7	2.15	1.30	6.41	10.26
8:18 AM	5650	10.3	1022.8	117.4	2.03	0.91	6.40	10.32
8:21 AM	6650	10.3	1026.6	112.4	1.92	0.73	6.40	10.28
8:24 AM	7750	10.4	1029.1	108.7	1.86	0.62	6.39	10.31

Well evacuated to dryness?	NO	Time to recharge (min):	
1. Sample Filtered?	NO	6. Sample Time:	8:24 AM
2. Sampling Equip. Used	Bladder/QED MP15	7: Parameter/Container/Pres.	**See Attached COC**
3. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A		
4. Sample Rate (mL/min)	369.10		
5. Sample Water Characteristics:			
Turbidity	low	8. Other Information:	
Color	clear		
Odor	none		
Other			

9. Decontamination Procedures: **Alconox/DI Rinse**

10. Instrument type: **In-Situ AquaTROLL 600**

Calibration Date: **LAB**

Calibration Time: **LAB**

	Stnd.	Reading	Adjust.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Caleb Gomez
MW Identification: MW-55	Date: 3/19/26
Sample Number: 11	Time: 8:42
Weather Conditions: Sunny	
Wellhead Inspection: Good	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	YES
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)	14.91	6. Purge Rate (mL/min)	
2. Bottom of casing (±0.01 ft. BTOC)	NM	7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	2	8. Purge Equipment Used	Bladder/QED MP15
4. Total Volume of Water Purged (mL)	4,350	9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor: none	Turbidity: low	11. Thickness of immiscible layer	N/A
Color: clear		12. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
8:47 AM	**Pump Start**							
8:50 AM	1250	9.8	1113.4	172.9	6.34	0.82	6.35	15.75
8:53 AM	2250	9.6	1115.4	177.0	6.55	0.72	6.35	16.05
8:56 AM	3350	9.5	1114.3	185.6	6.90	0.56	6.34	16.51
8:59 AM	4350	9.4	1110.4	184.9	7.19	0.42	6.33	16.68

Well evacuated to dryness?	NO	Time to recharge (min):		9. Decontamination Procedures:	
1. Sample Filtered?	NO	6. Sample Time:	8:59 AM	**Alconox/DI Rinse**	
2. Sampling Equip. Used	Bladder/QED MP15	7: Parameter/Container/Pres.		10. Instrument type: **In-Situ AquaTROLL 600**	
3. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A	**See Attached COC**		Calibration Date:	**LAB**
4. Sample Rate (mL/min)				Calibration Time:	**LAB**
5. Sample Water Characteristics:				Stnd. / Reading / Adjust.	
Turbidity	low	8. Other Information:		pH	
Color	clear			Conduct.	**See attached Lab Form for Calibration Data**
Odor	none			ORP	
Other				D.O	
				Turbidity	

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Caleb Gomez
MW Identification: MW-56	Date: 3/19/26
Sample Number: 15	Time: 12:17
Weather Conditions: Sunny	
Wellhead Inspection: Good	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	YES
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)	11.90	6. Purge Rate (mL/min)	219.70
2. Bottom of casing (±0.01 ft. BTOC)	NM	7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	2	8. Purge Equipment Used	Bladder/QED MP15
4. Total Volume of Water Purged (mL)	7,250	9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor: none / Turbidity: low		11. Thickness of immiscible layer	N/A
Color: clear		12. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
12:24 PM	**Pump Start**							
12:27 PM	950	12.9	1222.0	89.4	0.58	16.91	6.56	13.01
12:30 PM	1500	12.6	1210.0	92.6	0.40	8.25	6.60	13.45
12:33 PM	2300	12.6	1210.3	93.4	0.40	4.06	6.64	13.80
12:36 PM	2800	12.8	1208.5	96.0	0.53	2.10	6.67	13.80
12:39 PM	3400	12.8	1213.2	96.8	0.66	2.83	6.71	13.95
12:42 PM	4200	12.9	1218.3	97.6	0.94	1.80	6.74	14.03
12:45 PM	4800	12.8	1225.0	97.6	1.24	1.13	6.76	14.13
12:48 PM	5400	12.9	1226.1	97.2	1.48	0.62	6.81	14.25
12:51 PM	6000	12.8	1228.4	97.5	1.65	0.84	6.82	14.36
12:54 PM	6650	13.0	1230.3	97.5	1.72	1.16	6.87	14.45
12:57 PM	7250	12.9	1231.3	96.1	1.80	1.00	6.89	14.56

Well evacuated to dryness?	NO	Time to recharge (min):	
1. Sample Filtered?	NO	6. Sample Time:	12:57 PM
2. Sampling Equip. Used	Bladder/QED MP15	7: Parameter/Container/Pres.	**See Attached COC**
3. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A		
4. Sample Rate (mL/min)	219.70		
5. Sample Water Characteristics:			
Turbidity	low	8. Other Information:	
Color	clear		
Odor	none		
Other			

9. Decontamination Procedures: **Alconox/DI Rinse**

10. Instrument type: **In-Situ AquaTROLL 600**

Calibration Date: **LAB**

Calibration Time: **LAB**

	Stnd.	Reading	Adjust.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Chad Dentlinger
MW Identification: MW-57R	Date: 3/19/26
Sample Number: 18	Time: 17:05
Weather Conditions: Sunny, 72	
Wellhead Inspection: Good	Page 1 of 2

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	YES
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)	15.72	6. Purge Rate (mL/min)	399.12
2. Bottom of casing (±0.01 ft. BTOC)	NM	7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	2	8. Purge Equipment Used	Bladder/QED MP15
4. Total Volume of Water Purged (mL)	22,750	9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor: none / Turbidity: high then medium		11. Thickness of immiscible layer	N/A
Color: slighly cloudy		12. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
5:09 PM	**Pump Start**							
5:12 PM	1550	12.9	1978.0	76.8	4.60	24.47	6.70	17.70
5:15 PM	2400	12.8	1974.4	100.4	4.04	21.04	6.61	17.92
5:18 PM	3650	12.6	2008.7	104.7	3.06	105.53	6.52	18.23
5:21 PM	4850	12.3	2050.7	105.6	2.66	110.13	6.45	18.50
5:24 PM	6250	12.6	2072.4	105.3	2.09	161.83	6.41	18.75
5:27 PM	7300	12.8	2137.6	90.6	1.23	145.47	6.35	18.64
5:30 PM	8150	12.7	2171.9	77.0	0.79	129.59	6.33	18.68
5:33 PM	9450	12.8	2178.0	67.9	0.71	98.86	6.34	18.68
5:36 PM	11000	12.7	2183.5	66.7	0.82	75.70	6.34	18.78
5:39 PM	12200	12.6	2202.0	65.3	0.72	76.17	6.33	18.90
5:42 PM	13550	12.7	2213.6	65.2	0.60	55.98	6.33	18.98

Well evacuated to dryness?	NO	Time to recharge (min):	
1. Sample Filtered?	NO	6. Sample Time:	6:06 PM
2. Sampling Equip. Used	Bladder/QED MP15	7: Parameter/Container/Pres.	**See Attached COC**
3. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A		
4. Sample Rate (mL/min)	399.12		
5. Sample Water Characteristics:			
Turbidity	medium	8. Other Information:	
Color	clear		
Odor	none		
Other			

9. Decontamination Procedures: **Alconox/DI Rinse**

10. Instrument type: **In-Situ AquaTROLL 600**

Calibration Date: **LAB**

Calibration Time: **LAB**

	Stnd.	Reading	Adjust.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Chad Dentlinger
MW Identification: MW-57R	Date: 3/19/26
Sample Number: 18	Time: 17:05
Weather Conditions: Sunny, 72	
Wellhead Inspection: Good	Page 2 of 2

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	YES
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)	15.72	6. Purge Rate (mL/min)	399.12
2. Bottom of casing (±0.01 ft. BTOC)	NM	7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	2	8. Purge Equipment Used	Bladder/QED MP15
4. Total Volume of Water Purged (mL)	22,750	9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor: none / Turbidity: high then medium		11. Thickness of immiscible layer	N/A
Color: slighly cloudy		12. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
	Pump Start							
5:45 PM	14650	12.7	2228.8	64.4	0.53	61.68	6.32	19.02
5:48 PM	15750	12.7	2241.1	65.3	0.45	50.34	6.32	19.07
5:51 PM	16900	12.7	2252.6	63.5	0.39	56.15	6.32	19.05
5:54 PM	18200	12.6	2265.8	63.6	0.32	66.25	6.32	19.10
5:57 PM	19300	12.6	2277.0	63.1	0.26	50.59	6.32	19.16
6:00 PM	20500	12.6	2283.7	63.2	0.23	39.07	6.32	19.15
6:03 PM	21550	12.6	2292.2	63.0	0.21	37.62	6.32	19.20
6:06 PM	22750	12.6	2298.7	61.4	0.17	35.88	6.32	19.21

Well evacuated to dryness?	NO	Time to recharge (min):	
1. Sample Filtered?	NO	6. Sample Time:	6:06 PM
2. Sampling Equip. Used	Bladder/QED MP15	7: Parameter/Container/Pres.	**See Attached COC**
3. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A		
4. Sample Rate (mL/min)	399.12		
5. Sample Water Characteristics:			
Turbidity	medium	8. Other Information:	
Color	clear		
Odor	none		
Other			

9. Decontamination Procedures: **Alconox/DI Rinse**

10. Instrument type: **In-Situ AquaTROLL 600**

Calibration Date: **LAB**

Calibration Time: **LAB**

	Stnd.	Reading	Adjust.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Chad Dentlinger
MW Identification: MW-58	Date: 3/19/26
Sample Number: 17	Time: 16:25
Weather Conditions: Sunny, 72	
Wellhead Inspection: Good	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	YES
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)	12.30	6. Purge Rate (mL/min)	383.33
2. Bottom of casing (±0.01 ft. BTOC)	NM	7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	2	8. Purge Equipment Used	Bladder/QED MP15
4. Total Volume of Water Purged (mL)	4,600	9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor: none / Turbidity: low		11. Thickness of immiscible layer	N/A
Color: clear		12. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
4:33 PM	**Pump Start**							
4:36 PM	1600	13.6	1665.6	-120.5	0.21	7.49	6.32	12.88
4:39 PM	2550	13.4	1660.5	-126.4	0.20	2.49	6.30	13.12
4:42 PM	3550	13.2	1662.9	-131.4	0.18	2.12	6.30	13.30
4:45 PM	4600	13.3	1660.9	-133.7	0.17	1.26	6.29	13.53

Well evacuated to dryness?	NO	Time to recharge (min):		9. Decontamination Procedures:	
1. Sample Filtered?	NO	6. Sample Time:	4:45 PM	**Alconox/DI Rinse**	
2. Sampling Equip. Used	Bladder/QED MP15	7: Parameter/Container/Pres.		10. Instrument type: **In-Situ AquaTROLL 600**	
3. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A	**See Attached COC**		Calibration Date:	**LAB**
4. Sample Rate (mL/min)	383.33			Calibration Time:	**LAB**
5. Sample Water Characteristics:				Stnd. / Reading / Adjust.	
Turbidity	low	8. Other Information:		pH	
Color	clear			Conduct.	**See attached Lab Form for Calibration Data**
Odor	none			ORP	
Other				D.O	
				Turbidity	

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Chad Dentlinger
MW Identification: MW-60	Date: 3/19/26
Sample Number: 16	Time: 15:56
Weather Conditions: Sunny, 72	
Wellhead Inspection: Good	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	YES
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)	12.22	6. Purge Rate (mL/min)	400.00
2. Bottom of casing (±0.01 ft. BTOC)	NM	7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	4	8. Purge Equipment Used	Bladder/QED MP15
4. Total Volume of Water Purged (mL)	4,800	9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor: none / Turbidity: low		11. Thickness of immiscible layer	N/A
Color: clear		12. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
4:03 PM	**Pump Start**							
4:06 PM	1550	13.7	605.0	148.4	4.96	1.02	6.61	12.66
4:09 PM	2700	13.8	603.9	172.6	4.95	1.00	6.56	12.75
4:12 PM	3800	13.7	602.8	185.5	4.94	1.49	6.54	12.89
4:15 PM	4800	13.7	605.2	189.4	4.92	1.13	6.53	12.97

Well evacuated to dryness?	NO	Time to recharge (min):		9. Decontamination Procedures:	
1. Sample Filtered?	NO	6. Sample Time:	4:15 PM	**Alconox/DI Rinse**	
2. Sampling Equip. Used	Bladder/QED MP15	7: Parameter/Container/Pres.		10. Instrument type: **In-Situ AquaTROLL 600**	
3. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A	**See Attached COC**		Calibration Date:	**LAB**
4. Sample Rate (mL/min)	400.00			Calibration Time:	**LAB**
5. Sample Water Characteristics:				Stnd. / Reading / Adjust.	
Turbidity	low	8. Other Information:		pH	
Color	clear			Conduct.	**See attached Lab Form for Calibration Data**
Odor	none			ORP	
Other				D.O	
				Turbidity	

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Chad Dentlinger
MW Identification: MW-62	Date: 3/18/26
Sample Number: 8	Time: 17:40
Weather Conditions: Sunny, 58	
Wellhead Inspection: Good	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	YES
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)	10.07	6. Purge Rate (mL/min)	
2. Bottom of casing (±0.01 ft. BTOC)	NM	7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	4	8. Purge Equipment Used	Bladder/QED MP15
4. Total Volume of Water Purged (mL)	4,200	9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor: none	Turbidity: low	11. Thickness of immiscible layer	N/A
Color: clear		12. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
5:46 PM	**Pump Start**							
5:49 PM	1250	11.9	2235.4	16.7	0.33	5.96	6.25	10.46
5:52 PM	2250	11.9	2235.6	27.6	0.14	5.42	6.25	10.52
5:55 PM	3250	11.8	2240.4	33.9	0.11	3.11	6.23	10.60
5:58 PM	4250	11.9	2236.5	38.3	0.08	1.62	6.23	10.65

Well evacuated to dryness?	NO	Time to recharge (min):		9. Decontamination Procedures:	
1. Sample Filtered?	NO	6. Sample Time:	5:58 PM	**Alconox/DI Rinse**	
2. Sampling Equip. Used	Bladder/QED MP15	7: Parameter/Container/Pres.		10. Instrument type: **In-Situ AquaTROLL 600**	
3. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A	**See Attached COC**		Calibration Date:	**LAB**
4. Sample Rate (mL/min)				Calibration Time:	**LAB**
5. Sample Water Characteristics:				Stnd. / Reading / Adjust.	
Turbidity	low	8. Other Information:		pH	
Color	clear			Conduct.	**See attached Lab Form for Calibration Data**
Odor	none			ORP	
Other				D.O	
				Turbidity	

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Chad Dentlinger
MW Identification: MW-68	Date: 3/18/26
Sample Number: 7	Time: 17:05
Weather Conditions: Sunny, 58	
Wellhead Inspection: Good	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	YES
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)	20.63	6. Purge Rate (mL/min)	391.70
2. Bottom of casing (±0.01 ft. BTOC)	NM	7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	2	8. Purge Equipment Used	Bladder/QED MP15
4. Total Volume of Water Purged (mL)	4,700	9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor: none / Turbidity: very slighly		11. Thickness of immiscible layer	N/A
Color: clear / cloudy		12. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
5:14 PM	**Pump Start**							
5:17 PM	1500	13.6	2149.2	2.5	0.10	3.48	6.25	21.34
5:20 PM	2550	13.0	2146.4	-6.4	0.03	1.77	6.25	21.90
5:23 PM	3650	12.9	2160.8	-27.6	0.01	0.98	6.23	22.27
5:26 PM	4700	13.0	2181.7	-65.0	0.01	1.21	6.23	22.60

Well evacuated to dryness?	NO	Time to recharge (min):		9. Decontamination Procedures:	
1. Sample Filtered?	NO	6. Sample Time:	5:26 PM	**Alconox/DI Rinse**	
2. Sampling Equip. Used	Bladder/QED MP15	7: Parameter/Container/Pres.		10. Instrument type: **In-Situ AquaTROLL 600**	
3. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A	**See Attached COC**		Calibration Date:	**LAB**
4. Sample Rate (mL/min)	391.70			Calibration Time:	**LAB**
5. Sample Water Characteristics:				Stnd. / Reading / Adjust.	
Turbidity	low	8. Other Information:		pH	
Color	clear			Conduct.	**See attached Lab Form for Calibration Data**
Odor	none			ORP	
Other				D.O	
				Turbidity	

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Chad Dentlinger
MW Identification: MW-69	Date: 3/20/26
Sample Number: 27	Time: 16:54
Weather Conditions: Cloudy, 78	
Wellhead Inspection: Good	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	YES
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)	21.28	6. Purge Rate (mL/min)	387.50
2. Bottom of casing (±0.01 ft. BTOC)	NM	7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	2	8. Purge Equipment Used	Bladder/QED MP15
4. Total Volume of Water Purged (mL)	4,650	9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor: none / Turbidity: low		11. Thickness of immiscible layer	N/A
Color: slight yellow tint		12. Drive Gas (Air/Nitrogen)	AIR / CO2 / N/A

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
5:03 PM	**Pump Start**							
5:06 PM	1450	13.7	1551.5	-72.8	0.10	9.51	6.97	23.70
5:09 PM	2550	13.8	1574.7	-98.7	0.07	5.63	6.85	24.17
5:12 PM	3700	13.9	1566.4	-113.3	0.07	7.24	6.82	24.51
5:15 PM	4650	14.1	1552.1	-119.9	0.09	8.73	6.80	24.76

Well evacuated to dryness?	NO	Time to recharge (min):	110 minutes	9. Decontamination Procedures:	
1. Sample Filtered?	NO	6. Sample Time:	7:05 PM	**Alconox/DI Rinse**	
2. Sampling Equip. Used	Bladder/QED MP15	7: Parameter/Container/Pres.		10. Instrument type: **In-Situ AquaTROLL 600**	
3. Drive Gas (Air/Nitrogen)	AIR / CO2 / N/A	**See Attached COC**		Calibration Date:	**LAB**
4. Sample Rate (mL/min)	387.50			Calibration Time:	**LAB**
5. Sample Water Characteristics:				Stnd. / Reading / Adjust.	
Turbidity	low	8. Other Information:		pH	
Color	clear	water was below top of the pump		Conduct.	**See attached Lab Form for Calibration Data**
Odor	none	after stabilization had finished, let		ORP	
Other		recharge before filling sample bottles		D.O	
		TOP @ 24.76'		Turbidity	

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Caleb Gomez
MW Identification: MW-70	Date: 3/18/26
Sample Number: 4	Time: 13:57
Weather Conditions: Sunny	
Wellhead Inspection: Good	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	YES
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)	12.60	6. Purge Rate (mL/min)	356.70
2. Bottom of casing (±0.01 ft. BTOC)	NM	7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	2	8. Purge Equipment Used	Bladder/QED MP15
4. Total Volume of Water Purged (mL)	5,350	9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor: none / Turbidity: low		11. Thickness of immiscible layer	N/A
Color: clear		12. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
2:03 PM	**Pump Start**							
2:06 PM	1350	12.0	2893.4	84.1	1.06	1.72	6.50	13.10
2:09 PM	2350	11.9	2890.1	89.3	0.97	2.27	6.47	13.35
2:12 PM	3350	11.8	2893.1	94.4	1.41	1.99	6.47	13.42
2:15 PM	4350	11.8	2893.4	98.7	1.35	1.40	6.47	13.55
2:18 PM	5350	11.8	2891.5	97.6	1.39	1.14	6.48	13.74

Well evacuated to dryness?	NO	Time to recharge (min):		9. Decontamination Procedures:	
1. Sample Filtered?	NO	6. Sample Time:	2:18 PM	**Alconox/DI Rinse**	
2. Sampling Equip. Used	Bladder/QED MP15	7: Parameter/Container/Pres.		10. Instrument type: **In-Situ AquaTROLL 600**	
3. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A	**See Attached COC**		Calibration Date:	**LAB**
4. Sample Rate (mL/min)	356.70			Calibration Time:	**LAB**
5. Sample Water Characteristics:				Stnd. / Reading / Adjust.	
Turbidity	low	8. Other Information:		pH	
Color	clear			Conduct.	**See attached Lab Form for Calibration Data**
Odor	none			ORP	
Other				D.O	
				Turbidity	

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Chad Dentlinger
MW Identification: MW-73	Date: 3/19/26
Sample Number: 15	Time: 15:15
Weather Conditions: Sunny, 72	
Wellhead Inspection: Good	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	YES
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)	12.78	6. Purge Rate (mL/min)	
2. Bottom of casing (±0.01 ft. BTOC)	NM	7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	2	8. Purge Equipment Used	Bladder/QED MP15
4. Total Volume of Water Purged (mL)	8,600	9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor: none / Turbidity: high then low		11. Thickness of immiscible layer	N/A
Color: cloudy then clear		12. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
3:22 PM	**Pump Start**							
3:25 PM	1400	12.2	1165.9	-29.1	0.01	49.90	7.11	13.35
3:28 PM	2600	11.0	1228.2	-34.9	0.01	33.30	7.03	13.41
3:31 PM	3800	11.0	1272.9	-38.1	0.01	20.93	6.91	13.49
3:34 PM	5100	11.0	1283.2	-41.9	0.01	19.29	6.75	13.45
3:37 PM	6250	11.0	1300.4	-41.3	0.01	13.96	6.63	13.53
3:40 PM	7450	10.8	1310.3	-40.9	0.01	13.46	6.52	13.48
3:43 PM	8600	10.7	1312.2	-41.8	0.01	13.33	6.43	13.50

Well evacuated to dryness?	NO	Time to recharge (min):		9. Decontamination Procedures:	
1. Sample Filtered?	NO	6. Sample Time:	3:43 PM	**Alconox/DI Rinse**	
2. Sampling Equip. Used	Bladder/QED MP15	7: Parameter/Container/Pres.		10. Instrument type: **In-Situ AquaTROLL 600**	
3. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A	**See Attached COC**		Calibration Date:	**LAB**
4. Sample Rate (mL/min)				Calibration Time:	**LAB**
5. Sample Water Characteristics:				Stnd. / Reading / Adjust.	
Turbidity	low	8. Other Information:		pH	
Color	clear			Conduct.	**See attached Lab Form for Calibration Data**
Odor	none			ORP	
Other				D.O	
				Turbidity	

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Chad Dentlinger
MW Identification: PZ-13	Date: 3/19/26
Sample Number: 19	Time: 18:30
Weather Conditions: Cloudy, 70	
Wellhead Inspection: Good	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	YES
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)	8.79	6. Purge Rate (mL/min)	370.83
2. Bottom of casing (±0.01 ft. BTOC)	NM	7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	4	8. Purge Equipment Used	Bladder/QED MP15
4. Total Volume of Water Purged (mL)	4,450	9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor: none / Turbidity: low		11. Thickness of immiscible layer	N/A
Color: clear		12. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
6:35 PM	**Pump Start**							
6:38 PM	1200	11.5	785.0	136.6	3.20	0.61	6.93	9.22
6:41 PM	2350	11.4	786.1	141.9	3.09	0.55	6.84	9.36
6:44 PM	3350	11.4	786.5	146.0	3.03	0.74	6.79	9.50
6:47 PM	4450	11.2	787.0	148.7	2.95	0.46	6.77	9.61

Well evacuated to dryness?	NO	Time to recharge (min):		9. Decontamination Procedures:	
1. Sample Filtered?	NO	6. Sample Time:	6:47 PM	**Alconox/DI Rinse**	
2. Sampling Equip. Used	Bladder/QED MP15	7: Parameter/Container/Pres.		10. Instrument type: **In-Situ AquaTROLL 600**	
3. Drive Gas (Air/Nitrogen)	AIR / (CO2) / N/A	**See Attached COC**		Calibration Date:	**LAB**
4. Sample Rate (mL/min)	370.83			Calibration Time:	**LAB**
5. Sample Water Characteristics:				Stnd. / Reading / Adjust.	
Turbidity	low	8. Other Information:		pH	
Color	clear			Conduct.	**See attached Lab Form for Calibration Data**
Odor	none			ORP	
Other				D.O	
				Turbidity	

Low Stress Groundwater Sampling Data Sheet

Metro Waste Authority
We Know Where It Should Go

Facility Name: **Metro Park East Landfill**	Sampler Name(s): Caleb Gomez
MW Identification: GU-3A	Date: 3/23/26
Sample Number: 33	Time: 12:50
Weather Conditions: Sunny, 43	
Wellhead Inspection: NA, ground water underdrain	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	NO	5. Standing/Ponded Water (Yes/No)	NO
2. Collision/Vandalism Damage: (Yes/No)	NO	6. Frost Heaving (Yes/No)	NO
3. Casing Degradation: (Yes/No)	NO	7. Lock in Place (Yes/No)	NO bolted lid
4. Well Subsidence: (Yes/No)	NO		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 ft. BTOC)		6. Purge Rate (mL/min)	
2. Bottom of casing (±0.01 ft. BTOC)		7. Water Level Measuring Equip.	In-Situ 200
3. Casing Diameter (inches)	18	8. Purge Equipment Used	N/A
4. Total Volume of Water Purged (mL)		9. Dedicated? (Yes/No)	NO
5. Purge Water Characteristics:		10. Immiscible layer observed	NO
Odor	Turbidity	11. Thickness of immiscible layer	N/A
Color		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)

Time	Volume Purged (mL)	Temperature (˚C) +/- 10%	Conductivity (µs/cm) +/- 10%	ORP (mV)	D.O. (mg/L) +/- 10%	Turbidity (NTU) +/- 10% or <10	pH (S.U.) +/- 10%	Water Level (ft. BTOC)
	Pump Start							
GRAB		12.6	1689.0	12.7	17.22	133.10	8.02	

Well evacuated to dryness?	NO	Time to recharge (min):		9. Decontamination Procedures:	
1. Sample Filtered?	NO	6. Sample Time:	12:55 PM	**Alconox/DI Rinse**	
2. Sampling Equip. Used	Bailer	7: Parameter/Container/Pres.		10. Instrument type: **In-Situ AquaTROLL 600**	
3. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)	**See Attached COC**		Calibration Date:	**LAB**
4. Sample Rate (mL/min)				Calibration Time:	**LAB**
5. Sample Water Characteristics:				Stnd. / Reading / Adjust.	
Turbidity		8. Other Information:		pH	**See attached Lab Form for Calibration Data**
Color		Grab Parameters		Conduct.	
Odor				ORP	
Other				D.O	
				Turbidity	

Appendix B

Analytical Laboratory Reports

This page intentionally left blank.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Richard Wilson
HDR Inc
1917 S 67th Street
Omaha, Nebraska 68106

Generated 3/30/2026 11:38:16 PM

JOB DESCRIPTION

Metro Park EAST-Landfill

JOB NUMBER

310-327832-1

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization

Generated
3/30/2026 11:38:16 PM

Authorized for release by
Conner Calhoun, Client Service Manager
Conner.Calhoun@et.eurofinsus.com
(319)277-2401

Table of Contents

Cover Page 1
Table of Contents 3
Case Narrative 4
Sample Summary 6
Detection Summary 7
Client Sample Results 9
Definitions 30
Surrogate Summary 31
QC Sample Results 32
QC Association 44
Chronicle 47
Certification Summary 50
Method Summary 51
Chain of Custody 52
Receipt Checklists 56

Job Narrative
310-327832-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 3/19/2026 5:25 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.6°C and 3.4°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 310-483844 recovered outside of the control limits for Bromoform (-21%D). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The associated sample is impacted: (CCV 310-483844/3).

Method 8260D: The continuing calibration verification (CCV) associated with batch 310-483844 recovered outside of the control limits for Tetrachloroethene (-26%D). The LCS associated with this CCV passed CCV criteria for the affected analyte; therefore, the data have been reported. The associated sample is:(CCV 310-483844/3).

Method 8260D: The continuing calibration verification (CCV) associated with batch 310-483844 recovered outside of the control limits for Bromomethane (-42%D). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The associated sample is impacted: (CCV 310-483844/4).

Method 8260D: The method requirement for no headspace was not met. The following volatile sample was analyzed with headspace in the sample container: TB-3 (310-327832-11).

Method 8260D: The continuing calibration verification (CCV) associated with batch 310-484061 recovered outside of the control limits for Carbon disulfide (-44%D), Iodomethane (-55%D), 1,1,-Dichloroethene (-32%D), and trans-1,2-Dichloroethene (-22%D). The LCS associated with this CCV passed CCV criteria for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 310-484061/3).

Method 8260D: The continuing calibration verification (CCV) associated with batch 310-484061 recovered outside of the control limits for Chloromethane (-28%D) and Bromomethane (-24%D). The LCS associated with this CCV passed CCV criteria for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 310-484061/4).

Method 8260D: The method requirement for no headspace was not met. The following volatile sample was analyzed with headspace in the sample container: TB-2 (310-327832-10).

Method 8260D: The continuing calibration verification (CCV) associated with batch 310-484189 recovered above the upper control limit for Trichlorofluoromethane (23%D). The LCS associated with this CCV passed CCV criteria for the affected analyte; therefore, the data have been reported. The associated sample is:(CCV 310-484189/4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020B: The laboratory control sample (LCS) for preparation batch 310-483746 and analytical batch 310-484025 recovered outside control limits for the following analytes: silver. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Job ID: 310-327832-1 (Continued) Eurofins Cedar Falls

Method 6020B: The method blank for preparation batch 310-483747 contained lead above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: HDR Inc
Job ID: 310-327832-1
Project/Site: Metro Park EAST-Landfill

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
310-327832-1	MW-23	Water	03/18/26 10:47	03/19/26 17:25	Iowa
310-327832-2	MW-24R	Water	03/18/26 11:28	03/19/26 17:25	Iowa
310-327832-3	MW-62	Water	03/18/26 17:58	03/19/26 17:25	Iowa
310-327832-4	MW-68	Water	03/18/26 17:26	03/19/26 17:25	Iowa
310-327832-5	MW-70	Water	03/18/26 12:18	03/19/26 17:25	Iowa
310-327832-6	MW-39	Water	03/19/26 08:24	03/19/26 17:25	Iowa
310-327832-7	MW-55	Water	03/19/26 08:59	03/19/26 17:25	Iowa
310-327832-8	MW-18	Water	03/19/26 09:53	03/19/26 17:25	Iowa
310-327832-9	MW-19	Water	03/19/26 10:53	03/19/26 17:25	Iowa
310-327832-10	TB-2	Water	03/19/26 13:00	03/19/26 17:25	Iowa
310-327832-11	TB-3	Water	03/19/26 13:00	03/19/26 17:25	Iowa

Detection Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327832-1

Client Sample ID: MW-23 — Lab Sample ID: 310-327832-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0978		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000472	J	0.000500	0.000170	mg/L	1		6020B	Total/NA

Client Sample ID: MW-24R — Lab Sample ID: 310-327832-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.238		0.00200	0.000660	mg/L	1		6020B	Total/NA
Total Organic Carbon	1.72		1.00	0.500	mg/L	1		SM 5310C	Total/NA

Client Sample ID: MW-62 — Lab Sample ID: 310-327832-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000901	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Total Suspended Solids	3.13		1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-68 — Lab Sample ID: 310-327832-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.953	J	1.00	0.400	ug/L	1		8260D	Total/NA
Benzene	3.88		0.500	0.220	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	5.23		1.00	0.550	ug/L	1		8260D	Total/NA
Total Suspended Solids	9.50		3.75	2.10	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-70 — Lab Sample ID: 310-327832-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	1.92		1.00	0.500	mg/L	1		SM 5310C	Total/NA

Client Sample ID: MW-39 — Lab Sample ID: 310-327832-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000844	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0667		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00630		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00608		0.00500	0.00230	mg/L	1		6020B	Total/NA

Client Sample ID: MW-55 — Lab Sample ID: 310-327832-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0520		0.00200	0.000660	mg/L	1		6020B	Total/NA
Total Suspended Solids	1.13	J	1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-18 — Lab Sample ID: 310-327832-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000809	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.118		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00103		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00238	J	0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	2.00		1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-19 — Lab Sample ID: 310-327832-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0431		0.00200	0.000660	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: HDR Inc
Job ID: 310-327832-1
Project/Site: Metro Park EAST-Landfill

Client Sample ID: TB-2
Lab Sample ID: 310-327832-10

No Detections.

Client Sample ID: TB-3
Lab Sample ID: 310-327832-11

No Detections.

This Detection Summary does not include radiochemical test results.

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327832-1

Client Sample ID: MW-23
Date Collected: 03/18/26 10:47
Date Received: 03/19/26 17:25

Lab Sample ID: 310-327832-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/23/26 15:41	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/23/26 15:41	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/23/26 15:41	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/23/26 15:41	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/23/26 15:41	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/23/26 15:41	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/23/26 15:41	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/23/26 15:41	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/23/26 15:41	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/23/26 15:41	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/23/26 15:41	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/23/26 15:41	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/23/26 15:41	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/23/26 15:41	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/23/26 15:41	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/23/26 15:41	1
Acetone	<10.0		10.0	3.80	ug/L			03/23/26 15:41	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/23/26 15:41	1
Benzene	<0.500		0.500	0.220	ug/L			03/23/26 15:41	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/23/26 15:41	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/23/26 15:41	1
Bromoform	<5.00		5.00	2.60	ug/L			03/23/26 15:41	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/23/26 15:41	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/23/26 15:41	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/23/26 15:41	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/23/26 15:41	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/23/26 15:41	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/23/26 15:41	1
Chloroform	<3.00		3.00	1.30	ug/L			03/23/26 15:41	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/23/26 15:41	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/23/26 15:41	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/23/26 15:41	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/23/26 15:41	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/23/26 15:41	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/23/26 15:41	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/23/26 15:41	1
Styrene	<1.00		1.00	0.370	ug/L			03/23/26 15:41	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/23/26 15:41	1
Toluene	<1.00		1.00	0.430	ug/L			03/23/26 15:41	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/23/26 15:41	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/23/26 15:41	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/23/26 15:41	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/23/26 15:41	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/23/26 15:41	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/23/26 15:41	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/23/26 15:41	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/23/26 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*109*		*76 - 130*		*03/23/26 15:41*	*1*

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327832-1

Client Sample ID: MW-23
Date Collected: 03/18/26 10:47
Date Received: 03/19/26 17:25

Lab Sample ID: 310-327832-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*03/23/26 15:41*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*03/23/26 15:41*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		03/23/26 07:57	03/24/26 15:21	1
Arsenic	<0.00200		0.00200	0.000530	mg/L		03/23/26 07:57	03/24/26 15:21	1
Barium	**0.0978**		0.00200	0.000660	mg/L		03/23/26 07:57	03/24/26 15:21	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/23/26 07:57	03/24/26 15:21	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		03/23/26 07:57	03/24/26 15:21	1
Chromium	<0.00500		0.00500	0.00180	mg/L		03/23/26 07:57	03/24/26 15:21	1
Cobalt	**0.000472**	**J**	0.000500	0.000170	mg/L		03/23/26 07:57	03/24/26 15:21	1
Copper	<0.00500		0.00500	0.00320	mg/L		03/23/26 07:57	03/24/26 15:21	1
Lead	<0.000500		0.000500	0.000330	mg/L		03/23/26 07:57	03/25/26 15:56	1
Nickel	<0.00500		0.00500	0.00230	mg/L		03/23/26 07:57	03/24/26 15:21	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/23/26 07:57	03/25/26 15:56	1
Silver	<0.00100	*+	0.00100	0.000500	mg/L		03/23/26 07:57	03/24/26 15:21	1
Thallium	<0.00100		0.00100	0.000570	mg/L		03/23/26 07:57	03/24/26 15:21	1
Vanadium	<0.00500		0.00500	0.00170	mg/L		03/23/26 07:57	03/24/26 15:21	1
Zinc	<0.0200		0.0200	0.0130	mg/L		03/23/26 07:57	03/24/26 15:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.88		1.88	1.05	mg/L			03/23/26 12:16	1

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327832-1

Client Sample ID: MW-24R
Date Collected: 03/18/26 11:28
Date Received: 03/19/26 17:25

Lab Sample ID: 310-327832-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/23/26 16:05	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/23/26 16:05	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/23/26 16:05	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/23/26 16:05	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/23/26 16:05	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/23/26 16:05	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/23/26 16:05	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/23/26 16:05	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/23/26 16:05	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/23/26 16:05	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/23/26 16:05	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/23/26 16:05	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/23/26 16:05	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/23/26 16:05	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/23/26 16:05	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/23/26 16:05	1
Acetone	<10.0		10.0	3.80	ug/L			03/23/26 16:05	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/23/26 16:05	1
Benzene	<0.500		0.500	0.220	ug/L			03/23/26 16:05	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/23/26 16:05	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/23/26 16:05	1
Bromoform	<5.00		5.00	2.60	ug/L			03/23/26 16:05	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/23/26 16:05	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/23/26 16:05	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/23/26 16:05	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/23/26 16:05	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/23/26 16:05	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/23/26 16:05	1
Chloroform	<3.00		3.00	1.30	ug/L			03/23/26 16:05	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/23/26 16:05	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/23/26 16:05	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/23/26 16:05	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/23/26 16:05	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/23/26 16:05	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/23/26 16:05	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/23/26 16:05	1
Styrene	<1.00		1.00	0.370	ug/L			03/23/26 16:05	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/23/26 16:05	1
Toluene	<1.00		1.00	0.430	ug/L			03/23/26 16:05	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/23/26 16:05	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/23/26 16:05	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/23/26 16:05	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/23/26 16:05	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/23/26 16:05	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/23/26 16:05	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/23/26 16:05	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/23/26 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*76 - 130*		*03/23/26 16:05*	*1*

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327832-1

Client Sample ID: MW-24R
Date Collected: 03/18/26 11:28
Date Received: 03/19/26 17:25

Lab Sample ID: 310-327832-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*80 - 120*		*03/23/26 16:05*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*03/23/26 16:05*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		03/23/26 08:03	03/25/26 14:16	1
Arsenic	<0.00200		0.00200	0.000530	mg/L		03/23/26 08:03	03/25/26 14:16	1
Barium	**0.238**		0.00200	0.000660	mg/L		03/23/26 08:03	03/25/26 14:16	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/23/26 08:03	03/25/26 14:16	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		03/23/26 08:03	03/25/26 14:16	1
Chromium	<0.00500		0.00500	0.00180	mg/L		03/23/26 08:03	03/24/26 16:15	1
Cobalt	<0.000500		0.000500	0.000170	mg/L		03/23/26 08:03	03/24/26 16:15	1
Copper	<0.00500		0.00500	0.00320	mg/L		03/23/26 08:03	03/25/26 14:16	1
Lead	<0.000500		0.000500	0.000330	mg/L		03/23/26 08:03	03/25/26 14:16	1
Nickel	<0.00500		0.00500	0.00230	mg/L		03/23/26 08:03	03/25/26 14:16	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/23/26 08:03	03/25/26 14:16	1
Silver	<0.00100		0.00100	0.000500	mg/L		03/23/26 08:03	03/25/26 14:16	1
Thallium	<0.00100		0.00100	0.000570	mg/L		03/23/26 08:03	03/25/26 14:16	1
Vanadium	<0.00500		0.00500	0.00170	mg/L		03/23/26 08:03	03/24/26 16:15	1
Zinc	<0.0200		0.0200	0.0130	mg/L		03/23/26 08:03	03/25/26 14:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.88		1.88	1.05	mg/L			03/23/26 12:16	1
Total Organic Carbon (SM 5310C)	**1.72**		1.00	0.500	mg/L			03/24/26 14:10	1

Client: HDR Inc
Job ID: 310-327832-1
Project/Site: Metro Park EAST-Landfill

Client Sample ID: MW-62
Lab Sample ID: 310-327832-3
Date Collected: 03/18/26 17:58
Matrix: Water
Date Received: 03/19/26 17:25

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000901	J	0.00200	0.000530	mg/L		03/23/26 08:03	03/25/26 14:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	3.13		1.88	1.05	mg/L			03/23/26 12:16	1

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327832-1

Client Sample ID: MW-68
Date Collected: 03/18/26 17:26
Date Received: 03/19/26 17:25

Lab Sample ID: 310-327832-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/23/26 16:28	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/23/26 16:28	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/23/26 16:28	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/23/26 16:28	1
1,1-Dichloroethane	**0.953**	**J**	1.00	0.400	ug/L			03/23/26 16:28	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/23/26 16:28	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/23/26 16:28	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/23/26 16:28	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/23/26 16:28	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/23/26 16:28	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/23/26 16:28	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/23/26 16:28	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/23/26 16:28	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/23/26 16:28	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/23/26 16:28	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/23/26 16:28	1
Acetone	<10.0		10.0	3.80	ug/L			03/23/26 16:28	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/23/26 16:28	1
Benzene	**3.88**		0.500	0.220	ug/L			03/23/26 16:28	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/23/26 16:28	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/23/26 16:28	1
Bromoform	<5.00		5.00	2.60	ug/L			03/23/26 16:28	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/23/26 16:28	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/23/26 16:28	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/23/26 16:28	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/23/26 16:28	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/23/26 16:28	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/23/26 16:28	1
Chloroform	<3.00		3.00	1.30	ug/L			03/23/26 16:28	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/23/26 16:28	1
cis-1,2-Dichloroethene	**5.23**		1.00	0.550	ug/L			03/23/26 16:28	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/23/26 16:28	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/23/26 16:28	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/23/26 16:28	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/23/26 16:28	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/23/26 16:28	1
Styrene	<1.00		1.00	0.370	ug/L			03/23/26 16:28	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/23/26 16:28	1
Toluene	<1.00		1.00	0.430	ug/L			03/23/26 16:28	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/23/26 16:28	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/23/26 16:28	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/23/26 16:28	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/23/26 16:28	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/23/26 16:28	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/23/26 16:28	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/23/26 16:28	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/23/26 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*108*		*76 - 130*		*03/23/26 16:28*	*1*

Client Sample ID: MW-68
Lab Sample ID: 310-327832-4
Date Collected: 03/18/26 17:26
Matrix: Water
Date Received: 03/19/26 17:25

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/23/26 16:28*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*03/23/26 16:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**9.50**		3.75	2.10	mg/L			03/23/26 12:16	1

Client Sample ID: MW-70
Lab Sample ID: 310-327832-5
Date Collected: 03/18/26 12:18
Matrix: Water
Date Received: 03/19/26 17:25

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/23/26 16:52	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/23/26 16:52	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/23/26 16:52	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/23/26 16:52	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/23/26 16:52	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/23/26 16:52	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/23/26 16:52	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/23/26 16:52	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/23/26 16:52	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/23/26 16:52	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/23/26 16:52	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/23/26 16:52	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/23/26 16:52	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/23/26 16:52	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/23/26 16:52	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/23/26 16:52	1
Acetone	<10.0		10.0	3.80	ug/L			03/23/26 16:52	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/23/26 16:52	1
Benzene	<0.500		0.500	0.220	ug/L			03/23/26 16:52	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/23/26 16:52	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/23/26 16:52	1
Bromoform	<5.00		5.00	2.60	ug/L			03/23/26 16:52	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/23/26 16:52	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/23/26 16:52	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/23/26 16:52	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/23/26 16:52	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/23/26 16:52	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/23/26 16:52	1
Chloroform	<3.00		3.00	1.30	ug/L			03/23/26 16:52	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/23/26 16:52	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/23/26 16:52	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/23/26 16:52	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/23/26 16:52	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/23/26 16:52	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/23/26 16:52	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/23/26 16:52	1
Styrene	<1.00		1.00	0.370	ug/L			03/23/26 16:52	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/23/26 16:52	1
Toluene	<1.00		1.00	0.430	ug/L			03/23/26 16:52	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/23/26 16:52	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/23/26 16:52	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/23/26 16:52	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/23/26 16:52	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/23/26 16:52	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/23/26 16:52	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/23/26 16:52	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/23/26 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*110*		*76 - 130*		*03/23/26 16:52*	*1*

Client: HDR Inc
Job ID: 310-327832-1
Project/Site: Metro Park EAST-Landfill

Client Sample ID: MW-70
Lab Sample ID: 310-327832-5
Date Collected: 03/18/26 12:18
Matrix: Water
Date Received: 03/19/26 17:25

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*03/23/26 16:52*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*03/23/26 16:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.88		1.88	1.05	mg/L			03/23/26 12:16	1
Total Organic Carbon (SM 5310C)	**1.92**		1.00	0.500	mg/L			03/24/26 14:46	1

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327832-1

Client Sample ID: MW-39
Date Collected: 03/19/26 08:24
Date Received: 03/19/26 17:25

Lab Sample ID: 310-327832-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/23/26 17:16	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/23/26 17:16	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/23/26 17:16	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/23/26 17:16	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/23/26 17:16	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/23/26 17:16	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/23/26 17:16	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/23/26 17:16	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/23/26 17:16	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/23/26 17:16	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/23/26 17:16	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/23/26 17:16	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/23/26 17:16	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/23/26 17:16	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/23/26 17:16	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/23/26 17:16	1
Acetone	<10.0		10.0	3.80	ug/L			03/23/26 17:16	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/23/26 17:16	1
Benzene	<0.500		0.500	0.220	ug/L			03/23/26 17:16	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/23/26 17:16	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/23/26 17:16	1
Bromoform	<5.00		5.00	2.60	ug/L			03/23/26 17:16	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/23/26 17:16	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/23/26 17:16	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/23/26 17:16	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/23/26 17:16	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/23/26 17:16	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/23/26 17:16	1
Chloroform	<3.00		3.00	1.30	ug/L			03/23/26 17:16	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/23/26 17:16	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/23/26 17:16	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/23/26 17:16	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/23/26 17:16	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/23/26 17:16	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/23/26 17:16	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/23/26 17:16	1
Styrene	<1.00		1.00	0.370	ug/L			03/23/26 17:16	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/23/26 17:16	1
Toluene	<1.00		1.00	0.430	ug/L			03/23/26 17:16	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/23/26 17:16	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/23/26 17:16	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/23/26 17:16	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/23/26 17:16	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/23/26 17:16	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/23/26 17:16	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/23/26 17:16	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/23/26 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*76 - 130*		*03/23/26 17:16*	*1*

Client: HDR Inc
Job ID: 310-327832-1
Project/Site: Metro Park EAST-Landfill

Client Sample ID: MW-39
Lab Sample ID: 310-327832-6

Date Collected: 03/19/26 08:24
Matrix: Water

Date Received: 03/19/26 17:25

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*03/23/26 17:16*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*03/23/26 17:16*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		03/23/26 08:03	03/25/26 14:21	1
Arsenic	**0.000844**	**J**	0.00200	0.000530	mg/L		03/23/26 08:03	03/25/26 14:21	1
Barium	**0.0667**		0.00200	0.000660	mg/L		03/23/26 08:03	03/25/26 14:21	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/23/26 08:03	03/25/26 14:21	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		03/23/26 08:03	03/25/26 14:21	1
Chromium	<0.00500		0.00500	0.00180	mg/L		03/23/26 08:03	03/24/26 16:21	1
Cobalt	**0.00630**		0.000500	0.000170	mg/L		03/23/26 08:03	03/24/26 16:21	1
Copper	<0.00500		0.00500	0.00320	mg/L		03/23/26 08:03	03/25/26 14:21	1
Lead	<0.000500		0.000500	0.000330	mg/L		03/23/26 08:03	03/25/26 14:21	1
Nickel	**0.00608**		0.00500	0.00230	mg/L		03/23/26 08:03	03/25/26 14:21	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/23/26 08:03	03/25/26 14:21	1
Silver	<0.00100		0.00100	0.000500	mg/L		03/23/26 08:03	03/25/26 14:21	1
Thallium	<0.00100		0.00100	0.000570	mg/L		03/23/26 08:03	03/25/26 14:21	1
Vanadium	<0.00500		0.00500	0.00170	mg/L		03/23/26 08:03	03/24/26 16:21	1
Zinc	<0.0200		0.0200	0.0130	mg/L		03/23/26 08:03	03/25/26 14:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.88		1.88	1.05	mg/L			03/24/26 07:31	1

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327832-1

Client Sample ID: MW-55
Date Collected: 03/19/26 08:59
Date Received: 03/19/26 17:25

Lab Sample ID: 310-327832-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/23/26 17:39	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/23/26 17:39	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/23/26 17:39	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/23/26 17:39	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/23/26 17:39	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/23/26 17:39	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/23/26 17:39	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/23/26 17:39	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/23/26 17:39	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/23/26 17:39	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/23/26 17:39	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/23/26 17:39	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/23/26 17:39	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/23/26 17:39	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/23/26 17:39	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/23/26 17:39	1
Acetone	<10.0		10.0	3.80	ug/L			03/23/26 17:39	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/23/26 17:39	1
Benzene	<0.500		0.500	0.220	ug/L			03/23/26 17:39	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/23/26 17:39	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/23/26 17:39	1
Bromoform	<5.00		5.00	2.60	ug/L			03/23/26 17:39	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/23/26 17:39	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/23/26 17:39	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/23/26 17:39	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/23/26 17:39	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/23/26 17:39	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/23/26 17:39	1
Chloroform	<3.00		3.00	1.30	ug/L			03/23/26 17:39	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/23/26 17:39	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/23/26 17:39	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/23/26 17:39	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/23/26 17:39	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/23/26 17:39	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/23/26 17:39	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/23/26 17:39	1
Styrene	<1.00		1.00	0.370	ug/L			03/23/26 17:39	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/23/26 17:39	1
Toluene	<1.00		1.00	0.430	ug/L			03/23/26 17:39	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/23/26 17:39	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/23/26 17:39	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/23/26 17:39	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/23/26 17:39	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/23/26 17:39	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/23/26 17:39	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/23/26 17:39	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/23/26 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*110*		*76 - 130*		*03/23/26 17:39*	*1*

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327832-1

Client Sample ID: MW-55
Date Collected: 03/19/26 08:59
Date Received: 03/19/26 17:25

Lab Sample ID: 310-327832-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/23/26 17:39*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*03/23/26 17:39*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		03/23/26 08:03	03/25/26 14:24	1
Arsenic	<0.00200		0.00200	0.000530	mg/L		03/23/26 08:03	03/25/26 14:24	1
Barium	**0.0520**		0.00200	0.000660	mg/L		03/23/26 08:03	03/25/26 14:24	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/23/26 08:03	03/25/26 14:24	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		03/23/26 08:03	03/25/26 14:24	1
Chromium	<0.00500		0.00500	0.00180	mg/L		03/23/26 08:03	03/24/26 16:30	1
Cobalt	<0.000500		0.000500	0.000170	mg/L		03/23/26 08:03	03/24/26 16:30	1
Copper	<0.00500		0.00500	0.00320	mg/L		03/23/26 08:03	03/25/26 14:24	1
Lead	<0.000500		0.000500	0.000330	mg/L		03/23/26 08:03	03/25/26 14:24	1
Nickel	<0.00500		0.00500	0.00230	mg/L		03/23/26 08:03	03/25/26 14:24	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/23/26 08:03	03/25/26 14:24	1
Silver	<0.00100		0.00100	0.000500	mg/L		03/23/26 08:03	03/25/26 14:24	1
Thallium	<0.00100		0.00100	0.000570	mg/L		03/23/26 08:03	03/25/26 14:24	1
Vanadium	<0.00500		0.00500	0.00170	mg/L		03/23/26 08:03	03/24/26 16:30	1
Zinc	<0.0200		0.0200	0.0130	mg/L		03/23/26 08:03	03/25/26 14:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SW846 9034)	<1.00		1.00	0.231	mg/L			03/25/26 10:40	1
Sulfide as H2S (SW846 9034)	<1.00		1.00	0.231	mg/L			03/25/26 10:40	1
Total Suspended Solids (USGS I-3765-85)	**1.13**	**J**	1.88	1.05	mg/L			03/24/26 07:31	1

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327832-1

Client Sample ID: MW-18
Date Collected: 03/19/26 09:53
Date Received: 03/19/26 17:25

Lab Sample ID: 310-327832-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/23/26 18:03	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/23/26 18:03	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/23/26 18:03	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/23/26 18:03	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/23/26 18:03	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/23/26 18:03	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/23/26 18:03	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/23/26 18:03	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/23/26 18:03	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/23/26 18:03	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/23/26 18:03	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/23/26 18:03	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/23/26 18:03	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/23/26 18:03	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/23/26 18:03	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/23/26 18:03	1
Acetone	<10.0		10.0	3.80	ug/L			03/23/26 18:03	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/23/26 18:03	1
Benzene	<0.500		0.500	0.220	ug/L			03/23/26 18:03	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/23/26 18:03	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/23/26 18:03	1
Bromoform	<5.00		5.00	2.60	ug/L			03/23/26 18:03	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/23/26 18:03	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/23/26 18:03	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/23/26 18:03	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/23/26 18:03	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/23/26 18:03	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/23/26 18:03	1
Chloroform	<3.00		3.00	1.30	ug/L			03/23/26 18:03	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/23/26 18:03	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/23/26 18:03	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/23/26 18:03	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/23/26 18:03	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/23/26 18:03	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/23/26 18:03	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/23/26 18:03	1
Styrene	<1.00		1.00	0.370	ug/L			03/23/26 18:03	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/23/26 18:03	1
Toluene	<1.00		1.00	0.430	ug/L			03/23/26 18:03	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/23/26 18:03	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/23/26 18:03	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/23/26 18:03	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/23/26 18:03	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/23/26 18:03	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/23/26 18:03	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/23/26 18:03	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/23/26 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*109*		*76 - 130*		*03/23/26 18:03*	*1*

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327832-1

Client Sample ID: MW-18

Date Collected: 03/19/26 09:53
Date Received: 03/19/26 17:25

Lab Sample ID: 310-327832-8

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*03/23/26 18:03*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*03/23/26 18:03*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		03/23/26 08:03	03/25/26 14:26	1
Arsenic	**0.000809**	**J**	0.00200	0.000530	mg/L		03/23/26 08:03	03/25/26 14:26	1
Barium	**0.118**		0.00200	0.000660	mg/L		03/23/26 08:03	03/25/26 14:26	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/23/26 08:03	03/25/26 14:26	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		03/23/26 08:03	03/25/26 14:26	1
Chromium	<0.00500		0.00500	0.00180	mg/L		03/23/26 08:03	03/24/26 16:33	1
Cobalt	**0.00103**		0.000500	0.000170	mg/L		03/23/26 08:03	03/24/26 16:33	1
Copper	<0.00500		0.00500	0.00320	mg/L		03/23/26 08:03	03/25/26 14:26	1
Lead	<0.000500		0.000500	0.000330	mg/L		03/23/26 08:03	03/25/26 14:26	1
Nickel	**0.00238**	**J**	0.00500	0.00230	mg/L		03/23/26 08:03	03/25/26 14:26	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/23/26 08:03	03/25/26 14:26	1
Silver	<0.00100		0.00100	0.000500	mg/L		03/23/26 08:03	03/25/26 14:26	1
Thallium	<0.00100		0.00100	0.000570	mg/L		03/23/26 08:03	03/25/26 14:26	1
Vanadium	<0.00500		0.00500	0.00170	mg/L		03/23/26 08:03	03/24/26 16:33	1
Zinc	<0.0200		0.0200	0.0130	mg/L		03/23/26 08:03	03/25/26 14:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**2.00**		1.88	1.05	mg/L			03/24/26 07:31	1

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327832-1

Client Sample ID: MW-19
Date Collected: 03/19/26 10:53
Date Received: 03/19/26 17:25

Lab Sample ID: 310-327832-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/23/26 18:26	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/23/26 18:26	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/23/26 18:26	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/23/26 18:26	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/23/26 18:26	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/23/26 18:26	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/23/26 18:26	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/23/26 18:26	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/23/26 18:26	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/23/26 18:26	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/23/26 18:26	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/23/26 18:26	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/23/26 18:26	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/23/26 18:26	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/23/26 18:26	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/23/26 18:26	1
Acetone	<10.0		10.0	3.80	ug/L			03/23/26 18:26	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/23/26 18:26	1
Benzene	<0.500		0.500	0.220	ug/L			03/23/26 18:26	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/23/26 18:26	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/23/26 18:26	1
Bromoform	<5.00		5.00	2.60	ug/L			03/23/26 18:26	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/23/26 18:26	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/23/26 18:26	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/23/26 18:26	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/23/26 18:26	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/23/26 18:26	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/23/26 18:26	1
Chloroform	<3.00		3.00	1.30	ug/L			03/23/26 18:26	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/23/26 18:26	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/23/26 18:26	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/23/26 18:26	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/23/26 18:26	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/23/26 18:26	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/23/26 18:26	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/23/26 18:26	1
Styrene	<1.00		1.00	0.370	ug/L			03/23/26 18:26	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/23/26 18:26	1
Toluene	<1.00		1.00	0.430	ug/L			03/23/26 18:26	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/23/26 18:26	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/23/26 18:26	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/23/26 18:26	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/23/26 18:26	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/23/26 18:26	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/23/26 18:26	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/23/26 18:26	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/23/26 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*112*		*76 - 130*		*03/23/26 18:26*	*1*

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327832-1

Client Sample ID: MW-19
Date Collected: 03/19/26 10:53
Date Received: 03/19/26 17:25

Lab Sample ID: 310-327832-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/23/26 18:26*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*03/23/26 18:26*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		03/23/26 08:03	03/25/26 14:29	1
Arsenic	<0.00200		0.00200	0.000530	mg/L		03/23/26 08:03	03/25/26 14:29	1
Barium	**0.0431**		0.00200	0.000660	mg/L		03/23/26 08:03	03/25/26 14:29	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/23/26 08:03	03/25/26 14:29	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		03/23/26 08:03	03/25/26 14:29	1
Chromium	<0.00500		0.00500	0.00180	mg/L		03/23/26 08:03	03/24/26 16:35	1
Cobalt	<0.000500		0.000500	0.000170	mg/L		03/23/26 08:03	03/24/26 16:35	1
Copper	<0.00500		0.00500	0.00320	mg/L		03/23/26 08:03	03/25/26 14:29	1
Lead	<0.000500		0.000500	0.000330	mg/L		03/23/26 08:03	03/25/26 14:29	1
Nickel	<0.00500		0.00500	0.00230	mg/L		03/23/26 08:03	03/25/26 14:29	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/23/26 08:03	03/25/26 14:29	1
Silver	<0.00100		0.00100	0.000500	mg/L		03/23/26 08:03	03/25/26 14:29	1
Thallium	<0.00100		0.00100	0.000570	mg/L		03/23/26 08:03	03/25/26 14:29	1
Vanadium	<0.00500		0.00500	0.00170	mg/L		03/23/26 08:03	03/24/26 16:35	1
Zinc	<0.0200		0.0200	0.0130	mg/L		03/23/26 08:03	03/25/26 14:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.88		1.88	1.05	mg/L			03/24/26 07:31	1

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327832-1

Client Sample ID: TB-2
Date Collected: 03/19/26 13:00
Date Received: 03/19/26 17:25

Lab Sample ID: 310-327832-10
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 21:03	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 21:03	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 21:03	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 21:03	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/26/26 21:03	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 21:03	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 21:03	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 21:03	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 21:03	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/26/26 21:03	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 21:03	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/26/26 21:03	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/26/26 21:03	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 21:03	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 21:03	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 21:03	1
Acetone	<10.0		10.0	3.80	ug/L			03/26/26 21:03	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 21:03	1
Benzene	<0.500		0.500	0.220	ug/L			03/26/26 21:03	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 21:03	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 21:03	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 21:03	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 21:03	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 21:03	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 21:03	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/26/26 21:03	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 21:03	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 21:03	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 21:03	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 21:03	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/26/26 21:03	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 21:03	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 21:03	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 21:03	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 21:03	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/26/26 21:03	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 21:03	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 21:03	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 21:03	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/26/26 21:03	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 21:03	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 21:03	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/26/26 21:03	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 21:03	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 21:03	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/26/26 21:03	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 21:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*76 - 130*		*03/26/26 21:03*	*1*

Client: HDR Inc
Job ID: 310-327832-1
Project/Site: Metro Park EAST-Landfill

Client Sample ID: TB-2
Lab Sample ID: 310-327832-10
Date Collected: 03/19/26 13:00
Matrix: Water
Date Received: 03/19/26 17:25

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/26/26 21:03*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*03/26/26 21:03*	*1*

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327832-1

Client Sample ID: TB-3
Date Collected: 03/19/26 13:00
Date Received: 03/19/26 17:25

Lab Sample ID: 310-327832-11
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/25/26 12:39	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/25/26 12:39	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/25/26 12:39	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/25/26 12:39	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/25/26 12:39	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/25/26 12:39	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/25/26 12:39	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/25/26 12:39	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/25/26 12:39	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/25/26 12:39	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/25/26 12:39	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/25/26 12:39	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/25/26 12:39	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/25/26 12:39	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/25/26 12:39	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/25/26 12:39	1
Acetone	<10.0		10.0	3.80	ug/L			03/25/26 12:39	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/25/26 12:39	1
Benzene	<0.500		0.500	0.220	ug/L			03/25/26 12:39	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/25/26 12:39	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/25/26 12:39	1
Bromoform	<5.00		5.00	2.60	ug/L			03/25/26 12:39	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/25/26 12:39	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/25/26 12:39	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/25/26 12:39	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/25/26 12:39	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/25/26 12:39	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/25/26 12:39	1
Chloroform	<3.00		3.00	1.30	ug/L			03/25/26 12:39	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/25/26 12:39	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/25/26 12:39	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/25/26 12:39	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/25/26 12:39	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/25/26 12:39	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/25/26 12:39	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/25/26 12:39	1
Styrene	<1.00		1.00	0.370	ug/L			03/25/26 12:39	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/25/26 12:39	1
Toluene	<1.00		1.00	0.430	ug/L			03/25/26 12:39	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/25/26 12:39	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/25/26 12:39	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/25/26 12:39	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/25/26 12:39	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/25/26 12:39	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/25/26 12:39	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/25/26 12:39	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/25/26 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*76 - 130*		*03/25/26 12:39*	*1*

Client: HDR Inc
Job ID: 310-327832-1
Project/Site: Metro Park EAST-Landfill

Client Sample ID: TB-3
Lab Sample ID: 310-327832-11
Date Collected: 03/19/26 13:00
Matrix: Water
Date Received: 03/19/26 17:25

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/25/26 12:39*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*03/25/26 12:39*	*1*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Surrogate Summary

Client: HDR Inc
Job ID: 310-327832-1
Project/Site: Metro Park EAST-Landfill

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
		DBFM	TOL	BFB						
Lab Sample ID	Client Sample ID	(76-130)	(80-120)	(80-120)						
310-327832-1	MW-23	109	95	99						
310-327832-2	MW-24R	111	102	98						
310-327832-4	MW-68	108	99	100						
310-327832-5	MW-70	110	97	99						
310-327832-6	MW-39	111	96	101						
310-327832-7	MW-55	110	98	100						
310-327832-8	MW-18	109	95	101						
310-327832-9	MW-19	112	99	99						
310-327832-10	TB-2	94	99	96						
310-327832-11	TB-3	100	99	101						
LCS 310-483844/7	Lab Control Sample	105	103	100						
LCS 310-483844/8	Lab Control Sample	112	98	104						
LCS 310-484061/7	Lab Control Sample	100	100	101						
LCS 310-484061/8	Lab Control Sample	98	100	100						
LCS 310-484189/6	Lab Control Sample	100	99	100						
LCS 310-484189/7	Lab Control Sample	101	100	96						
MB 310-483844/6	Method Blank	109	99	100						
MB 310-484061/6	Method Blank	95	98	98						
MB 310-484189/5	Method Blank	99	98	101						

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 310-483844/6
Matrix: Water
Analysis Batch: 483844

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/23/26 11:24	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/23/26 11:24	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/23/26 11:24	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/23/26 11:24	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/23/26 11:24	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/23/26 11:24	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/23/26 11:24	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/23/26 11:24	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/23/26 11:24	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/23/26 11:24	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/23/26 11:24	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/23/26 11:24	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/23/26 11:24	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/23/26 11:24	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/23/26 11:24	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/23/26 11:24	1
Acetone	<10.0		10.0	3.80	ug/L			03/23/26 11:24	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/23/26 11:24	1
Benzene	<0.500		0.500	0.220	ug/L			03/23/26 11:24	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/23/26 11:24	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/23/26 11:24	1
Bromoform	<5.00		5.00	2.60	ug/L			03/23/26 11:24	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/23/26 11:24	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/23/26 11:24	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/23/26 11:24	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/23/26 11:24	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/23/26 11:24	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/23/26 11:24	1
Chloroform	<3.00		3.00	1.30	ug/L			03/23/26 11:24	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/23/26 11:24	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/23/26 11:24	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/23/26 11:24	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/23/26 11:24	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/23/26 11:24	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/23/26 11:24	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/23/26 11:24	1
Styrene	<1.00		1.00	0.370	ug/L			03/23/26 11:24	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/23/26 11:24	1
Toluene	<1.00		1.00	0.430	ug/L			03/23/26 11:24	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/23/26 11:24	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/23/26 11:24	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/23/26 11:24	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/23/26 11:24	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/23/26 11:24	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/23/26 11:24	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/23/26 11:24	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/23/26 11:24	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-483844/6
Matrix: Water
Analysis Batch: 483844

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*109*		*76 - 130*		*03/23/26 11:24*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/23/26 11:24*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*03/23/26 11:24*	*1*

Lab Sample ID: LCS 310-483844/7
Matrix: Water
Analysis Batch: 483844

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	10.0	9.534		ug/L		95	70 - 121
1,1,1-Trichloroethane	10.0	10.88		ug/L		109	69 - 130
1,1,2,2-Tetrachloroethane	10.0	9.459		ug/L		95	70 - 122
1,1,2-Trichloroethane	10.0	9.135		ug/L		91	75 - 121
1,1-Dichloroethane	10.0	11.26		ug/L		113	69 - 127
1,1-Dichloroethene	10.0	11.63		ug/L		116	64 - 134
1,2,3-Trichloropropane	10.0	9.978		ug/L		100	70 - 122
1,2-Dibromo-3-chloropropane	10.0	11.85		ug/L		118	62 - 132
1,2-Dibromoethane (EDB)	10.0	10.47		ug/L		105	74 - 122
1,2-Dichlorobenzene	10.0	9.972		ug/L		100	74 - 120
1,2-Dichloroethane	10.0	11.09		ug/L		111	68 - 125
1,2-Dichloropropane	10.0	10.01		ug/L		100	72 - 128
1,4-Dichlorobenzene	10.0	9.789		ug/L		98	72 - 120
2-Butanone (MEK)	20.0	16.48		ug/L		82	60 - 134
2-Hexanone	20.0	20.49		ug/L		102	62 - 139
4-Methyl-2-pentanone (MIBK)	20.0	19.51		ug/L		98	62 - 136
Acetone	20.0	23.03		ug/L		115	59 - 136
Acrylonitrile	100	99.56		ug/L		100	50 - 150
Benzene	10.0	9.898		ug/L		99	71 - 125
Bromochloromethane	10.0	10.09		ug/L		101	69 - 131
Bromodichloromethane	10.0	9.326		ug/L		93	70 - 122
Bromoform	10.0	7.969		ug/L		80	62 - 122
Carbon disulfide	10.0	11.76		ug/L		118	58 - 137
Carbon tetrachloride	10.0	9.685		ug/L		97	63 - 136
Chlorobenzene	10.0	9.665		ug/L		97	74 - 120
Chlorodibromomethane	10.0	8.268		ug/L		83	69 - 121
Chloroform	10.0	10.93		ug/L		109	72 - 122
cis-1,2-Dichloroethene	10.0	10.58		ug/L		106	72 - 123
cis-1,3-Dichloropropene	10.0	10.09		ug/L		101	72 - 123
Dibromomethane	10.0	10.43		ug/L		104	72 - 122
Ethylbenzene	10.0	10.83		ug/L		108	75 - 120
Iodomethane	10.0	4.476	J	ug/L		45	18 - 150
Methylene chloride	10.0	10.98		ug/L		110	72 - 128
Styrene	10.0	10.45		ug/L		104	74 - 122
Tetrachloroethene	10.0	8.375		ug/L		84	70 - 128
Toluene	10.0	10.08		ug/L		101	74 - 120
trans-1,2-Dichloroethene	10.0	10.62		ug/L		106	67 - 127
trans-1,3-Dichloropropene	10.0	10.31		ug/L		103	67 - 123
trans-1,4-Dichloro-2-butene	10.0	10.53		ug/L		105	50 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-483844/7
Matrix: Water
Analysis Batch: 483844

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Trichloroethene	10.0	9.224		ug/L		92	70 - 128
Vinyl acetate	20.0	19.22		ug/L		96	50 - 150
Xylenes, Total	20.0	22.06		ug/L		110	74 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*105*		*76 - 130*
Toluene-d8 (Surr)	*103*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*

Lab Sample ID: LCS 310-483844/8
Matrix: Water
Analysis Batch: 483844

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	10.64		ug/L		53	33 - 138
Chloroethane	20.0	23.21		ug/L		116	59 - 139
Chloromethane	20.0	16.26		ug/L		81	52 - 146
Trichlorofluoromethane	20.0	21.58		ug/L		108	55 - 150
Vinyl chloride	20.0	21.23		ug/L		106	60 - 142

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*112*		*76 - 130*
Toluene-d8 (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*

Lab Sample ID: MB 310-484061/6
Matrix: Water
Analysis Batch: 484061

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/25/26 11:07	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/25/26 11:07	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/25/26 11:07	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/25/26 11:07	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/25/26 11:07	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/25/26 11:07	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/25/26 11:07	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/25/26 11:07	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/25/26 11:07	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/25/26 11:07	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/25/26 11:07	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/25/26 11:07	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/25/26 11:07	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/25/26 11:07	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/25/26 11:07	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/25/26 11:07	1
Acetone	<10.0		10.0	3.80	ug/L			03/25/26 11:07	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/25/26 11:07	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-484061/6
Matrix: Water
Analysis Batch: 484061

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500		0.500	0.220	ug/L			03/25/26 11:07	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/25/26 11:07	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/25/26 11:07	1
Bromoform	<5.00		5.00	2.60	ug/L			03/25/26 11:07	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/25/26 11:07	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/25/26 11:07	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/25/26 11:07	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/25/26 11:07	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/25/26 11:07	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/25/26 11:07	1
Chloroform	<3.00		3.00	1.30	ug/L			03/25/26 11:07	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/25/26 11:07	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/25/26 11:07	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/25/26 11:07	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/25/26 11:07	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/25/26 11:07	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/25/26 11:07	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/25/26 11:07	1
Styrene	<1.00		1.00	0.370	ug/L			03/25/26 11:07	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/25/26 11:07	1
Toluene	<1.00		1.00	0.430	ug/L			03/25/26 11:07	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/25/26 11:07	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/25/26 11:07	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/25/26 11:07	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/25/26 11:07	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/25/26 11:07	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/25/26 11:07	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/25/26 11:07	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/25/26 11:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*76 - 130*		*03/25/26 11:07*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/25/26 11:07*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*03/25/26 11:07*	*1*

Lab Sample ID: LCS 310-484061/7
Matrix: Water
Analysis Batch: 484061

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	10.0	9.324		ug/L		93	70 - 121
1,1,1-Trichloroethane	10.0	8.808		ug/L		88	69 - 130
1,1,2,2-Tetrachloroethane	10.0	9.893		ug/L		99	70 - 122
1,1,2-Trichloroethane	10.0	9.582		ug/L		96	75 - 121
1,1-Dichloroethane	10.0	8.722		ug/L		87	69 - 127
1,1-Dichloroethene	10.0	8.954		ug/L		90	64 - 134
1,2,3-Trichloropropane	10.0	10.51		ug/L		105	70 - 122
1,2-Dibromo-3-chloropropane	10.0	8.873		ug/L		89	62 - 132

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-484061/7
Matrix: Water
Analysis Batch: 484061

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	10.0	9.583		ug/L		96	74 - 122
1,2-Dichlorobenzene	10.0	8.936		ug/L		89	74 - 120
1,2-Dichloroethane	10.0	9.597		ug/L		96	68 - 125
1,2-Dichloropropane	10.0	8.704		ug/L		87	72 - 128
1,4-Dichlorobenzene	10.0	9.094		ug/L		91	72 - 120
2-Butanone (MEK)	20.0	16.86		ug/L		84	60 - 134
2-Hexanone	20.0	19.22		ug/L		96	62 - 139
4-Methyl-2-pentanone (MIBK)	20.0	18.32		ug/L		92	62 - 136
Acetone	20.0	18.39		ug/L		92	59 - 136
Acrylonitrile	100	88.21		ug/L		88	50 - 150
Benzene	10.0	8.751		ug/L		88	71 - 125
Bromochloromethane	10.0	9.174		ug/L		92	69 - 131
Bromodichloromethane	10.0	9.019		ug/L		90	70 - 122
Bromoform	10.0	9.119		ug/L		91	62 - 122
Carbon disulfide	10.0	8.975		ug/L		90	58 - 137
Carbon tetrachloride	10.0	9.224		ug/L		92	63 - 136
Chlorobenzene	10.0	8.783		ug/L		88	74 - 120
Chlorodibromomethane	10.0	9.651		ug/L		97	69 - 121
Chloroform	10.0	8.663		ug/L		87	72 - 122
cis-1,2-Dichloroethene	10.0	8.491		ug/L		85	72 - 123
cis-1,3-Dichloropropene	10.0	9.421		ug/L		94	72 - 123
Dibromomethane	10.0	9.135		ug/L		91	72 - 122
Ethylbenzene	10.0	9.127		ug/L		91	75 - 120
Iodomethane	10.0	7.616	J	ug/L		76	18 - 150
Methylene chloride	10.0	8.836		ug/L		88	72 - 128
Styrene	10.0	9.061		ug/L		91	74 - 122
Tetrachloroethene	10.0	9.507		ug/L		95	70 - 128
Toluene	10.0	9.198		ug/L		92	74 - 120
trans-1,2-Dichloroethene	10.0	9.068		ug/L		91	67 - 127
trans-1,3-Dichloropropene	10.0	9.337		ug/L		93	67 - 123
trans-1,4-Dichloro-2-butene	10.0	10.78		ug/L		108	50 - 150
Trichloroethene	10.0	9.252		ug/L		93	70 - 128
Vinyl acetate	20.0	18.22		ug/L		91	50 - 150
Xylenes, Total	20.0	18.68		ug/L		93	74 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*100*		*76 - 130*
Toluene-d8 (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*

Lab Sample ID: LCS 310-484061/8
Matrix: Water
Analysis Batch: 484061

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	20.58		ug/L		103	33 - 138
Chloroethane	20.0	22.58		ug/L		113	59 - 139
Chloromethane	20.0	23.40		ug/L		117	52 - 146

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-484061/8
Matrix: Water
Analysis Batch: 484061

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Trichlorofluoromethane	20.0	27.77		ug/L		139	55 - 150
Vinyl chloride	20.0	24.73		ug/L		124	60 - 142

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*98*		*76 - 130*
Toluene-d8 (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*

Lab Sample ID: MB 310-484189/5
Matrix: Water
Analysis Batch: 484189

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 19:57	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 19:57	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 19:57	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 19:57	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/26/26 19:57	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 19:57	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 19:57	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 19:57	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 19:57	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/26/26 19:57	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 19:57	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/26/26 19:57	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/26/26 19:57	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 19:57	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 19:57	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 19:57	1
Acetone	<10.0		10.0	3.80	ug/L			03/26/26 19:57	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 19:57	1
Benzene	<0.500		0.500	0.220	ug/L			03/26/26 19:57	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 19:57	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 19:57	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 19:57	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 19:57	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 19:57	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 19:57	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/26/26 19:57	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 19:57	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 19:57	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 19:57	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 19:57	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/26/26 19:57	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 19:57	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 19:57	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 19:57	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 19:57	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-484189/5
Matrix: Water
Analysis Batch: 484189

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene chloride	<5.00		5.00	1.70	ug/L			03/26/26 19:57	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 19:57	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 19:57	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 19:57	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/26/26 19:57	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 19:57	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 19:57	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/26/26 19:57	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 19:57	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 19:57	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/26/26 19:57	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 19:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*76 - 130*		*03/26/26 19:57*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/26/26 19:57*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*03/26/26 19:57*	*1*

Lab Sample ID: LCS 310-484189/6
Matrix: Water
Analysis Batch: 484189

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	10.0	9.915		ug/L		99	70 - 121
1,1,1-Trichloroethane	10.0	9.763		ug/L		98	69 - 130
1,1,2,2-Tetrachloroethane	10.0	10.02		ug/L		100	70 - 122
1,1,2-Trichloroethane	10.0	10.15		ug/L		101	75 - 121
1,1-Dichloroethane	10.0	9.305		ug/L		93	69 - 127
1,1-Dichloroethene	10.0	9.757		ug/L		98	64 - 134
1,2,3-Trichloropropane	10.0	10.67		ug/L		107	70 - 122
1,2-Dibromo-3-chloropropane	10.0	9.209		ug/L		92	62 - 132
1,2-Dibromoethane (EDB)	10.0	9.918		ug/L		99	74 - 122
1,2-Dichlorobenzene	10.0	9.621		ug/L		96	74 - 120
1,2-Dichloroethane	10.0	9.753		ug/L		98	68 - 125
1,2-Dichloropropane	10.0	9.635		ug/L		96	72 - 128
1,4-Dichlorobenzene	10.0	9.861		ug/L		99	72 - 120
2-Butanone (MEK)	20.0	20.05		ug/L		100	60 - 134
2-Hexanone	20.0	19.11		ug/L		96	62 - 139
4-Methyl-2-pentanone (MIBK)	20.0	18.41		ug/L		92	62 - 136
Acetone	20.0	19.51		ug/L		98	59 - 136
Acrylonitrile	100	91.70		ug/L		92	50 - 150
Benzene	10.0	9.615		ug/L		96	71 - 125
Bromochloromethane	10.0	9.473		ug/L		95	69 - 131
Bromodichloromethane	10.0	9.357		ug/L		94	70 - 122
Bromoform	10.0	9.459		ug/L		95	62 - 122
Carbon disulfide	10.0	9.628		ug/L		96	58 - 137
Carbon tetrachloride	10.0	9.632		ug/L		96	63 - 136
Chlorobenzene	10.0	9.613		ug/L		96	74 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-484189/6
Matrix: Water
Analysis Batch: 484189

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorodibromomethane	10.0	9.019		ug/L		90	69 - 121
Chloroform	10.0	9.421		ug/L		94	72 - 122
cis-1,2-Dichloroethene	10.0	9.467		ug/L		95	72 - 123
cis-1,3-Dichloropropene	10.0	9.295		ug/L		93	72 - 123
Dibromomethane	10.0	10.02		ug/L		100	72 - 122
Ethylbenzene	10.0	9.576		ug/L		96	75 - 120
Iodomethane	10.0	8.838	J	ug/L		88	18 - 150
Methylene chloride	10.0	9.765		ug/L		98	72 - 128
Styrene	10.0	9.468		ug/L		95	74 - 122
Tetrachloroethene	10.0	9.785		ug/L		98	70 - 128
Toluene	10.0	9.609		ug/L		96	74 - 120
trans-1,2-Dichloroethene	10.0	9.132		ug/L		91	67 - 127
trans-1,3-Dichloropropene	10.0	9.295		ug/L		93	67 - 123
trans-1,4-Dichloro-2-butene	10.0	10.59		ug/L		106	50 - 150
Trichloroethene	10.0	9.330		ug/L		93	70 - 128
Vinyl acetate	20.0	17.03		ug/L		85	50 - 150
Xylenes, Total	20.0	19.04		ug/L		95	74 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*100*		*76 - 130*
Toluene-d8 (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*

Lab Sample ID: LCS 310-484189/7
Matrix: Water
Analysis Batch: 484189

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	18.82		ug/L		94	33 - 138
Chloroethane	20.0	18.88		ug/L		94	59 - 139
Chloromethane	20.0	19.51		ug/L		98	52 - 146
Trichlorofluoromethane	20.0	22.83		ug/L		114	55 - 150
Vinyl chloride	20.0	20.56		ug/L		103	60 - 142

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*101*		*76 - 130*
Toluene-d8 (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 310-483746/1-A
Matrix: Water
Analysis Batch: 484025

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 483746

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		03/23/26 07:57	03/24/26 14:27	1
Arsenic	<0.00200		0.00200	0.000530	mg/L		03/23/26 07:57	03/24/26 14:27	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 310-483746/1-A
Matrix: Water
Analysis Batch: 484025

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 483746

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.00200		0.00200	0.000660	mg/L		03/23/26 07:57	03/24/26 14:27	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/23/26 07:57	03/24/26 14:27	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		03/23/26 07:57	03/24/26 14:27	1
Chromium	<0.00500		0.00500	0.00180	mg/L		03/23/26 07:57	03/24/26 14:27	1
Cobalt	<0.000500		0.000500	0.000170	mg/L		03/23/26 07:57	03/24/26 14:27	1
Copper	<0.00500		0.00500	0.00320	mg/L		03/23/26 07:57	03/24/26 14:27	1
Nickel	<0.00500		0.00500	0.00230	mg/L		03/23/26 07:57	03/24/26 14:27	1
Silver	<0.00100		0.00100	0.000500	mg/L		03/23/26 07:57	03/24/26 14:27	1
Thallium	<0.00100		0.00100	0.000570	mg/L		03/23/26 07:57	03/24/26 14:27	1
Vanadium	<0.00500		0.00500	0.00170	mg/L		03/23/26 07:57	03/24/26 14:27	1
Zinc	<0.0200		0.0200	0.0130	mg/L		03/23/26 07:57	03/24/26 14:27	1

Lab Sample ID: MB 310-483746/1-A
Matrix: Water
Analysis Batch: 484163

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 483746

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.000500		0.000500	0.000330	mg/L		03/23/26 07:57	03/25/26 15:13	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/23/26 07:57	03/25/26 15:13	1

Lab Sample ID: LCS 310-483746/2-A
Matrix: Water
Analysis Batch: 484025

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 483746

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.200	0.2029		mg/L		101	80 - 120
Arsenic	0.200	0.1895		mg/L		95	80 - 120
Barium	0.100	0.1047		mg/L		105	80 - 120
Beryllium	0.100	0.09909		mg/L		99	80 - 120
Cadmium	0.100	0.1057		mg/L		106	80 - 120
Chromium	0.100	0.09357		mg/L		94	80 - 120
Cobalt	0.100	0.09068		mg/L		91	80 - 120
Copper	0.200	0.2035		mg/L		102	80 - 120
Nickel	0.200	0.2042		mg/L		102	80 - 120
Silver	0.100	0.1318	*+	mg/L		132	80 - 120
Thallium	0.100	0.1161		mg/L		116	80 - 120
Vanadium	0.100	0.09479		mg/L		95	80 - 120
Zinc	0.200	0.1939		mg/L		97	80 - 120

Lab Sample ID: LCS 310-483746/2-A
Matrix: Water
Analysis Batch: 484163

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 483746

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.200	0.2064		mg/L		103	80 - 120
Selenium	0.400	0.4011		mg/L		100	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-327832-1 DU
Matrix: Water
Analysis Batch: 484025

Client Sample ID: MW-23
Prep Type: Total/NA
Prep Batch: 483746

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.00200		<0.00200		mg/L		NC	20
Arsenic	<0.00200		<0.00200		mg/L		NC	20
Barium	0.0978		0.08393		mg/L		15	20
Beryllium	<0.00100		<0.00100		mg/L		NC	20
Cadmium	<0.000200		<0.000200		mg/L		NC	20
Chromium	<0.00500		<0.00500		mg/L		NC	20
Cobalt	0.000472	J	0.0003810	J F5	mg/L		21	20
Copper	<0.00500		<0.00500		mg/L		NC	20
Nickel	<0.00500		<0.00500		mg/L		NC	20
Thallium	<0.00100		<0.00100		mg/L		NC	20
Vanadium	<0.00500		<0.00500		mg/L		NC	20
Zinc	<0.0200		<0.0200		mg/L		NC	20

Lab Sample ID: 310-327832-1 DU
Matrix: Water
Analysis Batch: 484163

Client Sample ID: MW-23
Prep Type: Total/NA
Prep Batch: 483746

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Lead	<0.000500		<0.000500		mg/L		NC	20
Selenium	<0.00500		<0.00500		mg/L		NC	20

Lab Sample ID: MB 310-483747/1-A
Matrix: Water
Analysis Batch: 484025

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 483747

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.00500		0.00500	0.00180	mg/L		03/23/26 08:03	03/24/26 15:58	1
Cobalt	<0.000500		0.000500	0.000170	mg/L		03/23/26 08:03	03/24/26 15:58	1
Vanadium	<0.00500		0.00500	0.00170	mg/L		03/23/26 08:03	03/24/26 15:58	1

Lab Sample ID: MB 310-483747/1-A
Matrix: Water
Analysis Batch: 484163

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 483747

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		03/23/26 08:03	03/25/26 13:58	1
Arsenic	<0.00200		0.00200	0.000530	mg/L		03/23/26 08:03	03/25/26 13:58	1
Barium	<0.00200		0.00200	0.000660	mg/L		03/23/26 08:03	03/25/26 13:58	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/23/26 08:03	03/25/26 13:58	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		03/23/26 08:03	03/25/26 13:58	1
Copper	<0.00500		0.00500	0.00320	mg/L		03/23/26 08:03	03/25/26 13:58	1
Lead	0.0003550	J	0.000500	0.000330	mg/L		03/23/26 08:03	03/25/26 13:58	1
Nickel	<0.00500		0.00500	0.00230	mg/L		03/23/26 08:03	03/25/26 13:58	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/23/26 08:03	03/25/26 13:58	1
Silver	<0.00100		0.00100	0.000500	mg/L		03/23/26 08:03	03/25/26 13:58	1
Thallium	<0.00100		0.00100	0.000570	mg/L		03/23/26 08:03	03/25/26 13:58	1
Zinc	<0.0200		0.0200	0.0130	mg/L		03/23/26 08:03	03/25/26 13:58	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 310-483747/2-A
Matrix: Water
Analysis Batch: 484025

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 483747

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.100	0.09112		mg/L		91	80 - 120
Cobalt	0.100	0.08791		mg/L		88	80 - 120
Vanadium	0.100	0.08849		mg/L		88	80 - 120

Lab Sample ID: LCS 310-483747/2-A
Matrix: Water
Analysis Batch: 484163

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 483747

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.200	0.1810		mg/L		91	80 - 120
Arsenic	0.200	0.1724		mg/L		86	80 - 120
Barium	0.100	0.08865		mg/L		89	80 - 120
Beryllium	0.100	0.08934		mg/L		89	80 - 120
Cadmium	0.100	0.08909		mg/L		89	80 - 120
Copper	0.200	0.1767		mg/L		88	80 - 120
Lead	0.200	0.1838		mg/L		92	80 - 120
Nickel	0.200	0.1753		mg/L		88	80 - 120
Selenium	0.400	0.3412		mg/L		85	80 - 120
Silver	0.100	0.1167		mg/L		117	80 - 120
Thallium	0.100	0.08930		mg/L		89	80 - 120
Zinc	0.200	0.1729		mg/L		86	80 - 120

Method: 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 500-858781/1
Matrix: Water
Analysis Batch: 858781

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.00		1.00	0.231	mg/L			03/25/26 10:21	1
Sulfide as H2S	<1.00		1.00	0.231	mg/L			03/25/26 10:21	1

Lab Sample ID: LCS 500-858781/2
Matrix: Water
Analysis Batch: 858781

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	3.81	3.808		mg/L		100	80 - 120

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-483869/1
Matrix: Water
Analysis Batch: 483869

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	2.80	mg/L			03/23/26 12:16	1

Method: I-3765-85 - Residue, Non-filterable (TSS) (Continued)

Lab Sample ID: LCS 310-483869/2
Matrix: Water
Analysis Batch: 483869

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	91.00		mg/L		91	82 - 117

Lab Sample ID: MB 310-483924/1
Matrix: Water
Analysis Batch: 483924

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	2.80	mg/L			03/24/26 07:31	1

Lab Sample ID: LCS 310-483924/2
Matrix: Water
Analysis Batch: 483924

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	92.00		mg/L		92	82 - 117

Method: SM 5310C - TOC

Lab Sample ID: MB 310-484005/11
Matrix: Water
Analysis Batch: 484005

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	<1.00		1.00	0.500	mg/L			03/24/26 11:10	1

Lab Sample ID: LCS 310-484005/12
Matrix: Water
Analysis Batch: 484005

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	9.99	10.06		mg/L		101	85 - 115

GC/MS VOA

Analysis Batch: 483844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327832-1	MW-23	Total/NA	Water	8260D	
310-327832-2	MW-24R	Total/NA	Water	8260D	
310-327832-4	MW-68	Total/NA	Water	8260D	
310-327832-5	MW-70	Total/NA	Water	8260D	
310-327832-6	MW-39	Total/NA	Water	8260D	
310-327832-7	MW-55	Total/NA	Water	8260D	
310-327832-8	MW-18	Total/NA	Water	8260D	
310-327832-9	MW-19	Total/NA	Water	8260D	
MB 310-483844/6	Method Blank	Total/NA	Water	8260D	
LCS 310-483844/7	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-483844/8	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 484061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327832-11	TB-3	Total/NA	Water	8260D	
MB 310-484061/6	Method Blank	Total/NA	Water	8260D	
LCS 310-484061/7	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-484061/8	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 484189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327832-10	TB-2	Total/NA	Water	8260D	
MB 310-484189/5	Method Blank	Total/NA	Water	8260D	
LCS 310-484189/6	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-484189/7	Lab Control Sample	Total/NA	Water	8260D	

Metals

Prep Batch: 483746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327832-1	MW-23	Total/NA	Water	3005A	
MB 310-483746/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-483746/2-A	Lab Control Sample	Total/NA	Water	3005A	
310-327832-1 DU	MW-23	Total/NA	Water	3005A	

Prep Batch: 483747

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327832-2	MW-24R	Total/NA	Water	3005A	
310-327832-3	MW-62	Total/NA	Water	3005A	
310-327832-6	MW-39	Total/NA	Water	3005A	
310-327832-7	MW-55	Total/NA	Water	3005A	
310-327832-8	MW-18	Total/NA	Water	3005A	
310-327832-9	MW-19	Total/NA	Water	3005A	
MB 310-483747/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-483747/2-A	Lab Control Sample	Total/NA	Water	3005A	

Analysis Batch: 484025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327832-1	MW-23	Total/NA	Water	6020B	483746
310-327832-2	MW-24R	Total/NA	Water	6020B	483747
310-327832-6	MW-39	Total/NA	Water	6020B	483747

Metals (Continued)

Analysis Batch: 484025 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327832-7	MW-55	Total/NA	Water	6020B	483747
310-327832-8	MW-18	Total/NA	Water	6020B	483747
310-327832-9	MW-19	Total/NA	Water	6020B	483747
MB 310-483746/1-A	Method Blank	Total/NA	Water	6020B	483746
MB 310-483747/1-A	Method Blank	Total/NA	Water	6020B	483747
LCS 310-483746/2-A	Lab Control Sample	Total/NA	Water	6020B	483746
LCS 310-483747/2-A	Lab Control Sample	Total/NA	Water	6020B	483747
310-327832-1 DU	MW-23	Total/NA	Water	6020B	483746

Analysis Batch: 484163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327832-1	MW-23	Total/NA	Water	6020B	483746
310-327832-2	MW-24R	Total/NA	Water	6020B	483747
310-327832-3	MW-62	Total/NA	Water	6020B	483747
310-327832-6	MW-39	Total/NA	Water	6020B	483747
310-327832-7	MW-55	Total/NA	Water	6020B	483747
310-327832-8	MW-18	Total/NA	Water	6020B	483747
310-327832-9	MW-19	Total/NA	Water	6020B	483747
MB 310-483746/1-A	Method Blank	Total/NA	Water	6020B	483746
MB 310-483747/1-A	Method Blank	Total/NA	Water	6020B	483747
LCS 310-483746/2-A	Lab Control Sample	Total/NA	Water	6020B	483746
LCS 310-483747/2-A	Lab Control Sample	Total/NA	Water	6020B	483747
310-327832-1 DU	MW-23	Total/NA	Water	6020B	483746

General Chemistry

Analysis Batch: 483869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327832-1	MW-23	Total/NA	Water	I-3765-85	
310-327832-2	MW-24R	Total/NA	Water	I-3765-85	
310-327832-3	MW-62	Total/NA	Water	I-3765-85	
310-327832-4	MW-68	Total/NA	Water	I-3765-85	
310-327832-5	MW-70	Total/NA	Water	I-3765-85	
MB 310-483869/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-483869/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Analysis Batch: 483924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327832-6	MW-39	Total/NA	Water	I-3765-85	
310-327832-7	MW-55	Total/NA	Water	I-3765-85	
310-327832-8	MW-18	Total/NA	Water	I-3765-85	
310-327832-9	MW-19	Total/NA	Water	I-3765-85	
MB 310-483924/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-483924/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Analysis Batch: 484005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327832-2	MW-24R	Total/NA	Water	SM 5310C	
310-327832-5	MW-70	Total/NA	Water	SM 5310C	
MB 310-484005/11	Method Blank	Total/NA	Water	SM 5310C	
LCS 310-484005/12	Lab Control Sample	Total/NA	Water	SM 5310C	

QC Association Summary

Client: HDR Inc
Job ID: 310-327832-1
Project/Site: Metro Park EAST-Landfill

General Chemistry

Analysis Batch: 858781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327832-7	MW-55	Total/NA	Water	9034	
MB 500-858781/1	Method Blank	Total/NA	Water	9034	
LCS 500-858781/2	Lab Control Sample	Total/NA	Water	9034	

Lab Chronicle

Client: HDR Inc
Job ID: 310-327832-1
Project/Site: Metro Park EAST-Landfill

Client Sample ID: MW-23
Lab Sample ID: 310-327832-1
Date Collected: 03/18/26 10:47
Matrix: Water
Date Received: 03/19/26 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	483844	WSE8	EET CF	03/23/26 15:41
Total/NA	Prep	3005A			483746	F8JX	EET CF	03/23/26 07:57
Total/NA	Analysis	6020B		1	484163	NFT2	EET CF	03/25/26 15:56
Total/NA	Prep	3005A			483746	F8JX	EET CF	03/23/26 07:57
Total/NA	Analysis	6020B		1	484025	NFT2	EET CF	03/24/26 15:21
Total/NA	Analysis	I-3765-85		1	483869	ENB7	EET CF	03/23/26 12:16

Client Sample ID: MW-24R
Lab Sample ID: 310-327832-2
Date Collected: 03/18/26 11:28
Matrix: Water
Date Received: 03/19/26 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	483844	WSE8	EET CF	03/23/26 16:05
Total/NA	Prep	3005A			483747	F8JX	EET CF	03/23/26 08:03
Total/NA	Analysis	6020B		1	484163	NFT2	EET CF	03/25/26 14:16
Total/NA	Prep	3005A			483747	F8JX	EET CF	03/23/26 08:03
Total/NA	Analysis	6020B		1	484025	NFT2	EET CF	03/24/26 16:15
Total/NA	Analysis	I-3765-85		1	483869	ENB7	EET CF	03/23/26 12:16
Total/NA	Analysis	SM 5310C		1	484005	DGU1	EET CF	03/24/26 14:10

Client Sample ID: MW-62
Lab Sample ID: 310-327832-3
Date Collected: 03/18/26 17:58
Matrix: Water
Date Received: 03/19/26 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3005A			483747	F8JX	EET CF	03/23/26 08:03
Total/NA	Analysis	6020B		1	484163	NFT2	EET CF	03/25/26 14:19
Total/NA	Analysis	I-3765-85		1	483869	ENB7	EET CF	03/23/26 12:16

Client Sample ID: MW-68
Lab Sample ID: 310-327832-4
Date Collected: 03/18/26 17:26
Matrix: Water
Date Received: 03/19/26 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	483844	WSE8	EET CF	03/23/26 16:28
Total/NA	Analysis	I-3765-85		1	483869	ENB7	EET CF	03/23/26 12:16

Client Sample ID: MW-70
Lab Sample ID: 310-327832-5
Date Collected: 03/18/26 12:18
Matrix: Water
Date Received: 03/19/26 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	483844	WSE8	EET CF	03/23/26 16:52
Total/NA	Analysis	I-3765-85		1	483869	ENB7	EET CF	03/23/26 12:16
Total/NA	Analysis	SM 5310C		1	484005	DGU1	EET CF	03/24/26 14:46

Client Sample ID: MW-39
Lab Sample ID: 310-327832-6

Date Collected: 03/19/26 08:24
Matrix: Water
Date Received: 03/19/26 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	483844	WSE8	EET CF	03/23/26 17:16
Total/NA	Prep	3005A			483747	F8JX	EET CF	03/23/26 08:03
Total/NA	Analysis	6020B		1	484163	NFT2	EET CF	03/25/26 14:21
Total/NA	Prep	3005A			483747	F8JX	EET CF	03/23/26 08:03
Total/NA	Analysis	6020B		1	484025	NFT2	EET CF	03/24/26 16:21
Total/NA	Analysis	I-3765-85		1	483924	DGU1	EET CF	03/24/26 07:31

Client Sample ID: MW-55
Lab Sample ID: 310-327832-7

Date Collected: 03/19/26 08:59
Matrix: Water
Date Received: 03/19/26 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	483844	WSE8	EET CF	03/23/26 17:39
Total/NA	Prep	3005A			483747	F8JX	EET CF	03/23/26 08:03
Total/NA	Analysis	6020B		1	484163	NFT2	EET CF	03/25/26 14:24
Total/NA	Prep	3005A			483747	F8JX	EET CF	03/23/26 08:03
Total/NA	Analysis	6020B		1	484025	NFT2	EET CF	03/24/26 16:30
Total/NA	Analysis	9034		1	858781	TR	EET CHI	03/25/26 10:40 - 03/25/26 10:43 [1]
Total/NA	Analysis	I-3765-85		1	483924	DGU1	EET CF	03/24/26 07:31

Client Sample ID: MW-18
Lab Sample ID: 310-327832-8

Date Collected: 03/19/26 09:53
Matrix: Water
Date Received: 03/19/26 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	483844	WSE8	EET CF	03/23/26 18:03
Total/NA	Prep	3005A			483747	F8JX	EET CF	03/23/26 08:03
Total/NA	Analysis	6020B		1	484163	NFT2	EET CF	03/25/26 14:26
Total/NA	Prep	3005A			483747	F8JX	EET CF	03/23/26 08:03
Total/NA	Analysis	6020B		1	484025	NFT2	EET CF	03/24/26 16:33
Total/NA	Analysis	I-3765-85		1	483924	DGU1	EET CF	03/24/26 07:31

Client Sample ID: MW-19
Lab Sample ID: 310-327832-9

Date Collected: 03/19/26 10:53
Matrix: Water
Date Received: 03/19/26 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	483844	WSE8	EET CF	03/23/26 18:26
Total/NA	Prep	3005A			483747	F8JX	EET CF	03/23/26 08:03
Total/NA	Analysis	6020B		1	484163	NFT2	EET CF	03/25/26 14:29
Total/NA	Prep	3005A			483747	F8JX	EET CF	03/23/26 08:03
Total/NA	Analysis	6020B		1	484025	NFT2	EET CF	03/24/26 16:35
Total/NA	Analysis	I-3765-85		1	483924	DGU1	EET CF	03/24/26 07:31

Lab Chronicle

Client: HDR Inc
Job ID: 310-327832-1
Project/Site: Metro Park EAST-Landfill

Client Sample ID: TB-2
Lab Sample ID: 310-327832-10
Date Collected: 03/19/26 13:00
Matrix: Water
Date Received: 03/19/26 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	484189	WSE8	EET CF	03/26/26 21:03

Client Sample ID: TB-3
Lab Sample ID: 310-327832-11
Date Collected: 03/19/26 13:00
Matrix: Water
Date Received: 03/19/26 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	484061	WSE8	EET CF	03/25/26 12:39

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Accreditation/Certification Summary

Client: HDR Inc
Job ID: 310-327832-1
Project/Site: Metro Park EAST-Landfill

Laboratory: Eurofins Cedar Falls

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-27

Laboratory: Eurofins Chicago

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Iowa	State	082	05-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
9034		Water	Sulfide as H2S

Method Summary

Client: HDR Inc
Job ID: 310-327832-1
Project/Site: Metro Park EAST-Landfill

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CF
6020B	Metals (ICP/MS)	SW846	EET CF
9034	Sulfide, Acid soluble and Insoluble (Titrimetric)	SW846	EET CHI
I-3765-85	Residue, Non-filterable (TSS)	USGS	EET CF
SM 5310C	TOC	SM	EET CF
3005A	Preparation, Total Metals	SW846	EET CF
5030B	Purge and Trap	SW846	EET CF

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

USGS = "Methods For Analysis Of Water And Fluvial Sediments", USGS, 1989

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

eurofins | Environment Testing America

310-327832 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client: HDR			
City/State: CITY		STATE NV	Project:
Receipt Information			
Date/Time Received	DATE 3/19/26	TIME 0725	Received By

Delivery Type: ☒ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☐ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other:

Condition of Cooler/Containers

Sample(s) received in Cooler?	☒ Yes	☐ No	*If yes:* Cooler ID:
Multiple Coolers?	☒ Yes	☐ No	*If yes:* Cooler # 1 of 2
Cooler Custody Seals Present? No	☐ Yes	☒ No	*If yes:* Cooler custody seals intact? ☐ Yes ☐ No
Sample Custody Seals Present? No	☐ Yes	☒ No	*If yes:* Sample custody seals intact? ☐ Yes ☐ No
Trip Blank Present?	☒ Yes	☐ No	*If yes:* Which VOA samples are in cooler? ↓

MW-48

Temperature Record

Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other: ☐ NONE

Thermometer ID. IR3	Correction Factor (°C): 0

• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 1.6	Corrected Temp (°C): 1.6

• Sample Container Temperature

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C):		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE: If yes, contact PM before proceeding If no, proceed with login

Additional Comments

eurofins | Environment Testing America

Place COC scanning label here

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: HDR

City/State: CITY | STATE: NE | Project:

Receipt Information

Date/Time Received: DATE: 2/19/26 | TIME: 1715 | Received By:

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☐ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other: _____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☒ Yes ☐ No *If yes:* Cooler ID:

Multiple Coolers? ☒ Yes ☐ No *If yes:* Cooler # 2 of 2

Cooler Custody Seals Present? ☐ Yes ☒ No *If yes:* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☒ No *If yes:* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☒ Yes ☐ No *If yes:* Which VOA samples are in cooler? ↓

39, 55, 18, 19, 23, 24R, 68, 70

Temperature Record

Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other: _____ ☐ NONE

Thermometer ID. BB | Correction Factor (°C): 0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C) 3.4 | Corrected Temp (°C). 3.4

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C):		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE If yes, contact PM before proceeding. If no, proceed with login

Additional Comments

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone (319) 277-2401 Phone (319) 277-2425

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler: Caleb Gomez & Chad Dentlinger	Lab PM: Calhoun Conner M	Carrier Tracking No(s):	COC No: 310-117271-30360 1
Client Contact: Richard Wilson	Phone: 515-205-6355	E-Mail: Conner Calhoun@et.eurofinsus com	State of Origin:	Page: Page 1 of 1
Company: HDR Inc	PWSID:			Job #:
Address: 1917 S 67th Street	Due Date Requested			
City: Omaha	TAT Requested (days)			
State, Zip: NE 68106	Compliance Project: Δ Yes Δ No			
Phone: 402-392-6714(Tel)	PO #: Purchase Order not required			
Email: richard wilson2@hdrinc.com	WO #:			
Project Name: Metro Park EAST-Landfill	Project #: 31016556			
Site:	SSOW#:			

Analysis Requested

Preservation Codes.
D - HNO3
A - HCL
N - None
S - H2SO4
CB ZnAcetate/NaOH
B - NaOH
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Appendix I (Metals and VOCs)	Appendix 1 VOCs ONLY- 8260D	TSS- I_3765_85	FULL Appendix 2	9060A - TOC	Nitrate (9056_ORGFM_48HR)	SW Parameters (Ammonia, Chloride, COD, Lab filter Iron)	Arsenic- 6020	Cobalt- 6020	Sulfide- 9034_Calc				Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
MW-23	3/18/26	10 47	G	Water			X		X												
MW-24R	3/18/26	11 28	G	Water			X		X		X										
MW-62	3/18/26	17 58	G	Water					X					X							
MW-68	3/18/26	17 26	G	Water				X	X												
MW-70	3/18/26	12 18	G	Water				X	X		X										
MW-39	3/19/26	08 24	G	Water			X		X												
MW-55	3/19/26	08 59	G	Water			X		X												
MW-18	3/19/26	09 53	G	Water			X		X												
MW-19	3/19/26	10 53	G	Water			X		X												
TB-2	3/19/26	13 00	G	Water				X													
TB-3	3/19/26	13 00	G	Water				X													

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Chad Dentlinger / Chad	3/19/26 / 13.00				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 3/19/26 1735	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks:

Ver 05/06/2024

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone: 319-277-2401 Fax: 319-277-2425

Chain of Custody Record

eurofins | Env ... ent T st

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Calhoun, Conner M	Carrier Tracking No(s): N/A	COC No: 310-92306.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin: Iowa	Page: Page 1 of 1
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): State Program Iowa		Job #: 310-327832-1
Address: 18410 Crossing Drive, Suite E	Due Date Requested: 3/30/2026			Preservation Codes:
City: Tinley Park	TAT Requested (days): N/A			
State, Zip: IL, 60487				
Phone: 708-534-5200(Tel) 708-534-5211(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Metro Park EAST-Landfill	Project #: 31016556			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

310-327832 COC

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9034_Calc	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-55 (310-327832-7)	3/19/26	08:59 Central	G	Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification *Unconfirmed*	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)* ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I II III IV Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: [signature]	Date/Time: 3/20/26 1105	Company	Received by: [signature]	Date/Time: 3/21/26 0940	Company: EOTA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.		Cooler Temperature(s) °C and Other Remarks: -0.4 -> -0.2 30ar		

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 310-327832-1

Login Number: 327832

List Source: Eurofins Cedar Falls

List Number: 1

Creator: Homolar, Dana J

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 310-327832-1

Login Number: 327832
List Number: 2
Creator: Babayode, Daniel

List Source: Eurofins Chicago
List Creation: 03/21/26 01:23 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	-0.2 samples not frozen
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Richard Wilson
HDR Inc
1917 S 67th Street
Omaha, Nebraska 68106

Generated 3/31/2026 4:15:13 PM

JOB DESCRIPTION

Metro Park EAST-Landfill

JOB NUMBER

310-327931-1

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization

Generated
3/31/2026 4:15:13 PM

Authorized for release by
Conner Calhoun, Client Service Manager
Conner.Calhoun@et.eurofinsus.com
(319)277-2401

Table of Contents

Cover Page 1
Table of Contents 3
Case Narrative 4
Sample Summary 6
Detection Summary 7
Client Sample Results 9
Definitions 36
Surrogate Summary 37
QC Sample Results 39
QC Association 62
Chronicle 67
Certification Summary 71
Method Summary 72
Chain of Custody 73
Receipt Checklists 78

Job Narrative
310-327931-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 3/20/2026 5:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.0°C and 2.6°C.

Receipt Exceptions
Received 4 bottles for sample 6, ICOC has 2.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 310-484067 recovered above the upper control limit for Dichlorodifluoromethane (35%D). The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The associated sample is:(CCV 310-484067/4).

Method 8260D: The method requirement for no headspace was not met. The following volatile sample was analyzed with headspace in the sample container: TB-4 (310-327931-11).

Method 8260D: The continuing calibration verification (CCV) associated with batch 310-484076 recovered above the upper control limit for Trichlorofluoromethane (26%D). The LCS associated with this CCV passed CCV criteria for the affected analyte; therefore, the data have been reported. The associated sample is:(CCV 310-484076/4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: The laboratory control sample (LCS) for preparation batch 310-483921 and analytical batch 310-483912 recovered outside control limits for the following analytes: 3-Methylcholanthrene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 310-483921 and analytical batch 310-483912 recovered outside control limits for the following analyte(s): 1,4-Phenylenediamine. 1,4-Phenylenediamine have been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

Method 8270E: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 310-483921 and analytical batch 310-483912 recovered outside control limits for the following analytes: 3,3'-Dimethylbenzidine and Methapyrilene.

Method 8270E: The laboratory control sample (LCS) for preparation batch 310-483921 and analytical batch 310-483912 recovered outside acceptance limits for Methapyrilene. There was insufficient sample to perform a re-extraction or re-analysis; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Herbicides
Method 8151A: The continuing calibration verification (CCV) associated with batch 500-858840 recovered above the upper control limit for Silvex (2,4,5-TP) and 2,4,5-T. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 500-858840/20).

Method 8151A: The continuing calibration verification (CCV) associated with batch 500-858840 recovered above the upper control limit for 2,4-D, Silvex (2,4,5-TP), 2,4,5-T and DICHLOROPHENYLACETICACID24-. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 500-858840/38).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides
Method 8081B: The continuing calibration verification (CCV) associated with batch 310-484179 recovered above the upper control limit for Endrin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8081B: The continuing calibration verification (CCV) associated with batch 310-484179 recovered above the upper control limit for Endrin and Methoxychlor. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8081B: The continuing calibration verification (CCV) associated with batch 310-484288 recovered above the upper control limit for Endrin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8081B: The continuing calibration verification (CCV) associated with batch 310-484288 recovered above the upper control limit for Methoxychlor. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020B: The initial calibration verification (ICV) result for batch 310-484162 was above the upper control limit. The affected analytes are: thallium. Sample results were non-detects, and have been reported as qualified data.

Method 6020B: The initial calibration verification (ICV) result for batch 310-484162 was above the upper control limit. The affected analytes are: thallium. Sample results were non-detects, and have been reported as qualified data.

Method 6020B: The method blank for preparation batch 310-483898 contained lead above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 6020B: The laboratory control sample (LCS) for preparation batch 310-483897 and analytical batch 310-484302 recovered outside control limits for the following analytes: Silver. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 7470A: Regulatory documents require a 24-hour waiting period from the time of the addition of the acid preservative to the time of digestion.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327931-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
310-327931-1	MW-28	Water	03/19/26 11:56	03/20/26 17:10	Iowa
310-327931-2	MW-56	Water	03/19/26 12:57	03/20/26 17:10	Iowa
310-327931-3	MW-73	Water	03/19/26 15:43	03/20/26 17:10	Iowa
310-327931-4	MW-60	Water	03/19/26 16:15	03/20/26 17:10	Iowa
310-327931-5	MW-58	Water	03/19/26 16:48	03/20/26 17:10	Iowa
310-327931-6	MW-57R	Water	03/19/26 18:06	03/20/26 17:10	Iowa
310-327931-7	MW-31R	Water	03/19/26 19:34	03/20/26 17:10	Iowa
310-327931-8	PZ-13	Water	03/19/26 18:47	03/20/26 17:10	Iowa
310-327931-9	MW-32R	Water	03/20/26 11:31	03/20/26 17:10	Iowa
310-327931-10	MW-33R	Water	03/20/26 10:28	03/20/26 17:10	Iowa
310-327931-11	TB-4	Water	03/20/26 12:00	03/20/26 17:10	Iowa
310-327931-12	TB-1	Water	03/20/26 12:00	03/20/26 17:10	Iowa

Detection Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327931-1

Client Sample ID: MW-28 — Lab Sample ID: 310-327931-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00650		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0890		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000181	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	4.38		1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-56 — Lab Sample ID: 310-327931-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00576		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.224		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cadmium	0.000119	J	0.000200	0.000100	mg/L	1		6020B	Total/NA
Cobalt	0.00931		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0119		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	4.88		1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-73 — Lab Sample ID: 310-327931-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.00119	J	0.00200	0.00100	mg/L	1		6020B	Total/NA
Arsenic	0.00393		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.188		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cadmium	0.000113	J	0.000200	0.000100	mg/L	1		6020B	Total/NA
Cobalt	0.00221		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0103		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	19.5		3.75	2.10	mg/L	1		I-3765-85	Total/NA
Total Organic Carbon	5.63		1.00	0.500	mg/L	1		SM 5310C	Total/NA

Client Sample ID: MW-60 — Lab Sample ID: 310-327931-4

No Detections.

Client Sample ID: MW-58 — Lab Sample ID: 310-327931-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.54	J	10.0	3.80	ug/L	1		8260D	Total/NA
Benzene	2.85		0.500	0.220	ug/L	1		8260D	Total/NA
Chlorobenzene	5.85		1.00	0.350	ug/L	1		8260D	Total/NA
Arsenic	0.0272		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.628		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00131		0.000500	0.000170	mg/L	1		6020B	Total/NA
Copper	0.00601		0.00500	0.00320	mg/L	1		6020B	Total/NA
Nickel	0.0150		0.00500	0.00230	mg/L	1		6020B	Total/NA
Zinc	0.0142	J	0.0200	0.0130	mg/L	1		6020B	Total/NA
Total Suspended Solids	61.0		15.0	8.40	mg/L	1		I-3765-85	Total/NA
Total Organic Carbon	8.04		1.00	0.500	mg/L	1		SM 5310C	Total/NA

Client Sample ID: MW-57R — Lab Sample ID: 310-327931-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.11		0.500	0.220	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	2.12		1.00	0.550	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.915	J	1.00	0.410	ug/L	1		8260D	Total/NA
Trichloroethene	0.900	J	1.00	0.350	ug/L	1		8260D	Total/NA
Vinyl chloride	0.839	J	1.00	0.430	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-57R (Continued) — Lab Sample ID: 310-327931-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00284		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.229		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cadmium	0.00156		0.000200	0.000100	mg/L	1		6020B	Total/NA
Chromium	0.00181	J	0.00500	0.00180	mg/L	1		6020B	Total/NA
Cobalt	0.0104		0.000500	0.000170	mg/L	1		6020B	Total/NA
Copper	0.00321	J	0.00500	0.00320	mg/L	1		6020B	Total/NA
Nickel	0.0244		0.00500	0.00230	mg/L	1		6020B	Total/NA
Vanadium	0.00466	J	0.00500	0.00170	mg/L	1		6020B	Total/NA
Total Suspended Solids	63.3		1.88	1.05	mg/L	1		I-3765-85	Total/NA
Total Organic Carbon	4.54		1.00	0.500	mg/L	1		SM 5310C	Total/NA

Client Sample ID: MW-31R — Lab Sample ID: 310-327931-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000734	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.326		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000206	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	21.0		3.75	2.10	mg/L	1		I-3765-85	Total/NA
Total Organic Carbon	4.30		1.00	0.500	mg/L	1		SM 5310C	Total/NA

Client Sample ID: PZ-13 — Lab Sample ID: 310-327931-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00177	J	0.00200	0.000530	mg/L	1		6020B	Total/NA

Client Sample ID: MW-32R — Lab Sample ID: 310-327931-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000575	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.193		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000634		0.000500	0.000170	mg/L	1		6020B	Total/NA
Lead	0.000927		0.000500	0.000330	mg/L	1		6020B	Total/NA
Vanadium	0.00246	J	0.00500	0.00170	mg/L	1		6020B	Total/NA
Total Suspended Solids	61.2		2.50	1.40	mg/L	1		I-3765-85	Total/NA
Total Organic Carbon	3.09		1.00	0.500	mg/L	1		SM 5310C	Total/NA

Client Sample ID: MW-33R — Lab Sample ID: 310-327931-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00704		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.619		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cadmium	0.000203		0.000200	0.000100	mg/L	1		6020B	Total/NA
Cobalt	0.00854		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00514		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	6.63		1.88	1.05	mg/L	1		I-3765-85	Total/NA
Total Organic Carbon	2.46		1.00	0.500	mg/L	1		SM 5310C	Total/NA

Client Sample ID: TB-4 — Lab Sample ID: 310-327931-11

No Detections.

Client Sample ID: TB-1 — Lab Sample ID: 310-327931-12

No Detections.

This Detection Summary does not include radiochemical test results.

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327931-1

Client Sample ID: MW-28

Date Collected: 03/19/26 11:56
Date Received: 03/20/26 17:10

Lab Sample ID: 310-327931-1

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 00:44	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 00:44	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 00:44	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 00:44	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/26/26 00:44	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 00:44	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 00:44	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 00:44	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 00:44	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/26/26 00:44	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 00:44	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/26/26 00:44	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/26/26 00:44	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 00:44	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 00:44	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 00:44	1
Acetone	<10.0		10.0	3.80	ug/L			03/26/26 00:44	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 00:44	1
Benzene	<0.500		0.500	0.220	ug/L			03/26/26 00:44	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 00:44	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 00:44	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 00:44	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 00:44	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 00:44	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 00:44	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/26/26 00:44	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 00:44	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 00:44	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 00:44	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 00:44	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/26/26 00:44	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 00:44	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 00:44	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 00:44	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 00:44	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/26/26 00:44	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 00:44	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 00:44	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 00:44	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/26/26 00:44	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 00:44	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 00:44	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/26/26 00:44	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 00:44	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 00:44	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/26/26 00:44	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 00:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*76 - 130*		*03/26/26 00:44*	*1*

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327931-1

Client Sample ID: MW-28
Date Collected: 03/19/26 11:56
Date Received: 03/20/26 17:10

Lab Sample ID: 310-327931-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*80 - 120*		*03/26/26 00:44*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*03/26/26 00:44*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		03/24/26 08:29	03/25/26 15:38	1
Arsenic	**0.00650**		0.00200	0.000530	mg/L		03/24/26 08:29	03/25/26 15:38	1
Barium	**0.0890**		0.00200	0.000660	mg/L		03/24/26 08:29	03/25/26 15:38	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/24/26 08:29	03/25/26 15:38	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		03/24/26 08:29	03/25/26 15:38	1
Chromium	<0.00500		0.00500	0.00180	mg/L		03/24/26 08:29	03/25/26 15:38	1
Cobalt	**0.000181**	**J**	0.000500	0.000170	mg/L		03/24/26 08:29	03/25/26 15:38	1
Copper	<0.00500		0.00500	0.00320	mg/L		03/24/26 08:29	03/25/26 15:38	1
Lead	<0.000500		0.000500	0.000330	mg/L		03/24/26 08:29	03/26/26 16:31	1
Nickel	<0.00500		0.00500	0.00230	mg/L		03/24/26 08:29	03/25/26 15:38	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/24/26 08:29	03/25/26 15:38	1
Silver	<0.00100	*+	0.00100	0.000500	mg/L		03/24/26 08:29	03/26/26 16:31	1
Thallium	<0.00100	^1+	0.00100	0.000570	mg/L		03/24/26 08:29	03/25/26 15:38	1
Vanadium	<0.00500		0.00500	0.00170	mg/L		03/24/26 08:29	03/25/26 15:38	1
Zinc	<0.0200		0.0200	0.0130	mg/L		03/24/26 08:29	03/25/26 15:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**4.38**		1.88	1.05	mg/L			03/24/26 10:30	1

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327931-1

Client Sample ID: MW-56

Date Collected: 03/19/26 12:57
Date Received: 03/20/26 17:10

Lab Sample ID: 310-327931-2

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 01:06	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 01:06	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 01:06	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 01:06	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/26/26 01:06	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 01:06	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 01:06	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 01:06	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 01:06	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/26/26 01:06	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 01:06	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/26/26 01:06	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/26/26 01:06	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 01:06	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 01:06	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 01:06	1
Acetone	<10.0		10.0	3.80	ug/L			03/26/26 01:06	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 01:06	1
Benzene	<0.500		0.500	0.220	ug/L			03/26/26 01:06	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 01:06	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 01:06	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 01:06	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 01:06	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 01:06	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 01:06	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/26/26 01:06	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 01:06	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 01:06	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 01:06	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 01:06	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/26/26 01:06	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 01:06	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 01:06	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 01:06	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 01:06	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/26/26 01:06	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 01:06	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 01:06	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 01:06	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/26/26 01:06	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 01:06	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 01:06	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/26/26 01:06	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 01:06	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 01:06	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/26/26 01:06	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 01:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*76 - 130*		*03/26/26 01:06*	*1*

Client Sample ID: MW-56
Lab Sample ID: 310-327931-2
Date Collected: 03/19/26 12:57
Matrix: Water
Date Received: 03/20/26 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/26/26 01:06*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*03/26/26 01:06*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		03/24/26 08:29	03/25/26 15:41	1
Arsenic	**0.00576**		0.00200	0.000530	mg/L		03/24/26 08:29	03/25/26 15:41	1
Barium	**0.224**		0.00200	0.000660	mg/L		03/24/26 08:29	03/25/26 15:41	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/24/26 08:29	03/25/26 15:41	1
Cadmium	**0.000119**	**J**	0.000200	0.000100	mg/L		03/24/26 08:29	03/25/26 15:41	1
Chromium	<0.00500		0.00500	0.00180	mg/L		03/24/26 08:29	03/25/26 15:41	1
Cobalt	**0.00931**		0.000500	0.000170	mg/L		03/24/26 08:29	03/25/26 15:41	1
Copper	<0.00500		0.00500	0.00320	mg/L		03/24/26 08:29	03/25/26 15:41	1
Lead	<0.000500		0.000500	0.000330	mg/L		03/24/26 08:29	03/26/26 16:34	1
Nickel	**0.0119**		0.00500	0.00230	mg/L		03/24/26 08:29	03/25/26 15:41	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/24/26 08:29	03/25/26 15:41	1
Silver	<0.00100	*+	0.00100	0.000500	mg/L		03/24/26 08:29	03/26/26 16:34	1
Thallium	<0.00100	^1+	0.00100	0.000570	mg/L		03/24/26 08:29	03/25/26 15:41	1
Vanadium	<0.00500		0.00500	0.00170	mg/L		03/24/26 08:29	03/25/26 15:41	1
Zinc	<0.0200		0.0200	0.0130	mg/L		03/24/26 08:29	03/25/26 15:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**4.88**		1.88	1.05	mg/L			03/24/26 11:08	1

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327931-1

Client Sample ID: MW-73

Date Collected: 03/19/26 15:43
Date Received: 03/20/26 17:10

Lab Sample ID: 310-327931-3

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 01:28	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 01:28	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 01:28	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 01:28	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/26/26 01:28	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 01:28	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 01:28	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 01:28	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 01:28	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/26/26 01:28	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 01:28	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/26/26 01:28	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/26/26 01:28	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 01:28	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 01:28	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 01:28	1
Acetone	<10.0		10.0	3.80	ug/L			03/26/26 01:28	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 01:28	1
Benzene	<0.500		0.500	0.220	ug/L			03/26/26 01:28	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 01:28	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 01:28	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 01:28	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 01:28	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 01:28	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 01:28	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/26/26 01:28	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 01:28	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 01:28	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 01:28	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 01:28	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/26/26 01:28	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 01:28	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 01:28	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 01:28	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 01:28	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/26/26 01:28	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 01:28	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 01:28	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 01:28	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/26/26 01:28	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 01:28	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 01:28	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/26/26 01:28	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 01:28	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 01:28	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/26/26 01:28	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 01:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*76 - 130*		*03/26/26 01:28*	*1*

Client Sample ID: MW-73

Date Collected: 03/19/26 15:43
Date Received: 03/20/26 17:10

Lab Sample ID: 310-327931-3

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/26/26 01:28*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*03/26/26 01:28*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.00119**	**J**	0.00200	0.00100	mg/L		03/24/26 08:29	03/25/26 15:49	1
Arsenic	**0.00393**		0.00200	0.000530	mg/L		03/24/26 08:29	03/25/26 15:49	1
Barium	**0.188**		0.00200	0.000660	mg/L		03/24/26 08:29	03/25/26 15:49	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/24/26 08:29	03/25/26 15:49	1
Cadmium	**0.000113**	**J**	0.000200	0.000100	mg/L		03/24/26 08:29	03/25/26 15:49	1
Chromium	<0.00500		0.00500	0.00180	mg/L		03/24/26 08:29	03/25/26 15:49	1
Cobalt	**0.00221**		0.000500	0.000170	mg/L		03/24/26 08:29	03/25/26 15:49	1
Copper	<0.00500		0.00500	0.00320	mg/L		03/24/26 08:29	03/25/26 15:49	1
Lead	<0.000500		0.000500	0.000330	mg/L		03/24/26 08:29	03/26/26 16:36	1
Nickel	**0.0103**		0.00500	0.00230	mg/L		03/24/26 08:29	03/25/26 15:49	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/24/26 08:29	03/25/26 15:49	1
Silver	<0.00100	*+	0.00100	0.000500	mg/L		03/24/26 08:29	03/26/26 16:36	1
Thallium	<0.00100	^1+	0.00100	0.000570	mg/L		03/24/26 08:29	03/25/26 15:49	1
Vanadium	<0.00500		0.00500	0.00170	mg/L		03/24/26 08:29	03/25/26 15:49	1
Zinc	<0.0200		0.0200	0.0130	mg/L		03/24/26 08:29	03/25/26 15:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**19.5**		3.75	2.10	mg/L			03/24/26 10:30	1
Total Organic Carbon (SM 5310C)	**5.63**		1.00	0.500	mg/L			03/24/26 23:11	1

Client Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327931-1

Client Sample ID: MW-60

Date Collected: 03/19/26 16:15
Date Received: 03/20/26 17:10

Lab Sample ID: 310-327931-4

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.00200		0.00200	0.000530	mg/L		03/24/26 08:29	03/25/26 15:52	1
Cobalt	<0.000500		0.000500	0.000170	mg/L		03/24/26 08:29	03/25/26 15:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.88		1.88	1.05	mg/L			03/24/26 10:30	1

Client Sample ID: MW-58
Date Collected: 03/19/26 16:48
Date Received: 03/20/26 17:10

Lab Sample ID: 310-327931-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 01:50	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 01:50	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 01:50	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 01:50	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/26/26 01:50	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 01:50	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 01:50	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 01:50	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 01:50	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/26/26 01:50	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 01:50	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/26/26 01:50	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/26/26 01:50	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 01:50	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 01:50	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 01:50	1
Acetone	**4.54**	**J**	10.0	3.80	ug/L			03/26/26 01:50	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 01:50	1
Benzene	**2.85**		0.500	0.220	ug/L			03/26/26 01:50	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 01:50	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 01:50	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 01:50	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 01:50	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 01:50	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 01:50	1
Chlorobenzene	**5.85**		1.00	0.350	ug/L			03/26/26 01:50	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 01:50	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 01:50	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 01:50	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 01:50	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/26/26 01:50	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 01:50	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 01:50	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 01:50	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 01:50	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/26/26 01:50	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 01:50	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 01:50	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 01:50	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/26/26 01:50	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 01:50	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 01:50	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/26/26 01:50	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 01:50	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 01:50	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/26/26 01:50	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 01:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*76 - 130*		*03/26/26 01:50*	*1*

Client Sample ID: MW-58
Lab Sample ID: 310-327931-5
Date Collected: 03/19/26 16:48
Matrix: Water
Date Received: 03/20/26 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/26/26 01:50*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*03/26/26 01:50*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		03/24/26 08:29	03/25/26 15:55	1
Arsenic	**0.0272**		0.00200	0.000530	mg/L		03/24/26 08:29	03/25/26 15:55	1
Barium	**0.628**		0.00200	0.000660	mg/L		03/24/26 08:29	03/25/26 15:55	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/24/26 08:29	03/25/26 15:55	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		03/24/26 08:29	03/25/26 15:55	1
Chromium	<0.00500		0.00500	0.00180	mg/L		03/24/26 08:29	03/25/26 15:55	1
Cobalt	**0.00131**		0.000500	0.000170	mg/L		03/24/26 08:29	03/25/26 15:55	1
Copper	**0.00601**		0.00500	0.00320	mg/L		03/24/26 08:29	03/25/26 15:55	1
Lead	<0.000500		0.000500	0.000330	mg/L		03/24/26 08:29	03/26/26 16:44	1
Nickel	**0.0150**		0.00500	0.00230	mg/L		03/24/26 08:29	03/25/26 15:55	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/24/26 08:29	03/25/26 15:55	1
Silver	<0.00100	*+	0.00100	0.000500	mg/L		03/24/26 08:29	03/26/26 16:44	1
Thallium	<0.00100	^1+	0.00100	0.000570	mg/L		03/24/26 08:29	03/25/26 15:55	1
Vanadium	<0.00500		0.00500	0.00170	mg/L		03/24/26 08:29	03/25/26 15:55	1
Zinc	**0.0142**	**J**	0.0200	0.0130	mg/L		03/24/26 08:29	03/25/26 15:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**61.0**		15.0	8.40	mg/L			03/24/26 11:08	1
Total Organic Carbon (SM 5310C)	**8.04**		1.00	0.500	mg/L			03/24/26 23:47	1

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327931-1

Client Sample ID: MW-57R

Date Collected: 03/19/26 18:06
Date Received: 03/20/26 17:10

Lab Sample ID: 310-327931-6

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 02:12	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 02:12	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 02:12	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 02:12	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/26/26 02:12	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 02:12	1
1,1-Dichloropropene	<1.00		1.00	0.410	ug/L			03/26/26 02:12	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 02:12	1
1,2,4-Trichlorobenzene	<5.00		5.00	1.90	ug/L			03/26/26 02:12	1
1,2-Dibromo-3-Chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 02:12	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 02:12	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/26/26 02:12	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 02:12	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/26/26 02:12	1
1,3-Dichlorobenzene	<1.00		1.00	0.470	ug/L			03/26/26 02:12	1
1,3-Dichloropropane	<1.00		1.00	0.390	ug/L			03/26/26 02:12	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/26/26 02:12	1
2,2-Dichloropropane	<4.00		4.00	0.690	ug/L			03/26/26 02:12	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 02:12	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 02:12	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 02:12	1
Acetone	<10.0		10.0	3.80	ug/L			03/26/26 02:12	1
Acrolein	<10.0		10.0	3.60	ug/L			03/26/26 02:12	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 02:12	1
Allyl chloride	<2.00		2.00	0.700	ug/L			03/26/26 02:12	1
Benzene	**1.11**		0.500	0.220	ug/L			03/26/26 02:12	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 02:12	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 02:12	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 02:12	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 02:12	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 02:12	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 02:12	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/26/26 02:12	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 02:12	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 02:12	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 02:12	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 02:12	1
Chloroprene	<1.00		1.00	0.320	ug/L			03/26/26 02:12	1
cis-1,2-Dichloroethene	**2.12**		1.00	0.550	ug/L			03/26/26 02:12	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 02:12	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 02:12	1
Dichlorodifluoromethane	<3.00		3.00	0.850	ug/L			03/26/26 02:12	1
Ethyl methacrylate	<2.00		2.00	0.630	ug/L			03/26/26 02:12	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 02:12	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 02:12	1
Methacrylonitrile	<10.0		10.0	3.30	ug/L			03/26/26 02:12	1
Methyl methacrylate	<2.00		2.00	0.760	ug/L			03/26/26 02:12	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			03/26/26 02:12	1
Naphthalene	<5.00		5.00	1.80	ug/L			03/26/26 02:12	1

Client Sample ID: MW-57R
Lab Sample ID: 310-327931-6
Date Collected: 03/19/26 18:06
Matrix: Water
Date Received: 03/20/26 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Propionitrile	<10.0		10.0	3.40	ug/L			03/26/26 02:12	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 02:12	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 02:12	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 02:12	1
trans-1,2-Dichloroethene	**0.915**	**J**	1.00	0.410	ug/L			03/26/26 02:12	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 02:12	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 02:12	1
Trichloroethene	**0.900**	**J**	1.00	0.350	ug/L			03/26/26 02:12	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 02:12	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 02:12	1
Vinyl chloride	**0.839**	**J**	1.00	0.430	ug/L			03/26/26 02:12	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 02:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*76 - 130*		*03/26/26 02:12*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*03/26/26 02:12*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*03/26/26 02:12*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	<10.4		10.4	0.563	ug/L		03/24/26 07:11	03/24/26 18:09	1
1,3,5-Trinitrobenzene	<10.4		10.4	2.40	ug/L		03/24/26 07:11	03/24/26 18:09	1
1,3-Dinitrobenzene	<10.4		10.4	3.33	ug/L		03/24/26 07:11	03/24/26 18:09	1
1,4-Naphthoquinone	<10.4		10.4	3.75	ug/L		03/24/26 07:11	03/24/26 18:09	1
1,4-Phenylenediamine	<10.4	*-	10.4	1.98	ug/L		03/24/26 07:11	03/24/26 18:09	1
1-Naphthylamine	<10.4		10.4	2.60	ug/L		03/24/26 07:11	03/24/26 18:09	1
2,3,4,6-Tetrachlorophenol	<10.4		10.4	5.52	ug/L		03/24/26 07:11	03/24/26 18:09	1
2,4,5-Trichlorophenol	<10.4		10.4	5.52	ug/L		03/24/26 07:11	03/24/26 18:09	1
2,4,6-Trichlorophenol	<10.4		10.4	5.21	ug/L		03/24/26 07:11	03/24/26 18:09	1
2,4-Dichlorophenol	<10.4		10.4	0.885	ug/L		03/24/26 07:11	03/24/26 18:09	1
2,4-Dimethylphenol	<10.4		10.4	0.604	ug/L		03/24/26 07:11	03/24/26 18:09	1
2,4-Dinitrophenol	<20.8		20.8	13.5	ug/L		03/24/26 07:11	03/24/26 18:09	1
2,4-Dinitrotoluene	<10.4		10.4	6.67	ug/L		03/24/26 07:11	03/24/26 18:09	1
2,6-Dichlorophenol	<10.4		10.4	0.719	ug/L		03/24/26 07:11	03/24/26 18:09	1
2,6-Dinitrotoluene	<10.4		10.4	0.542	ug/L		03/24/26 07:11	03/24/26 18:09	1
2-Acetylaminofluorene	<10.4		10.4	2.81	ug/L		03/24/26 07:11	03/24/26 18:09	1
2-Chloronaphthalene	<10.4		10.4	0.667	ug/L		03/24/26 07:11	03/24/26 18:09	1
2-Chlorophenol	<10.4		10.4	0.563	ug/L		03/24/26 07:11	03/24/26 18:09	1
2-Methylnaphthalene	<10.4		10.4	0.615	ug/L		03/24/26 07:11	03/24/26 18:09	1
2-Methylphenol	<10.4		10.4	0.677	ug/L		03/24/26 07:11	03/24/26 18:09	1
2-Naphthylamine	<10.4		10.4	2.19	ug/L		03/24/26 07:11	03/24/26 18:09	1
2-Nitroaniline	<10.4		10.4	6.15	ug/L		03/24/26 07:11	03/24/26 18:09	1
2-Nitrophenol	<10.4		10.4	7.08	ug/L		03/24/26 07:11	03/24/26 18:09	1
3,3'-Dichlorobenzidine	<10.4		10.4	1.46	ug/L		03/24/26 07:11	03/24/26 18:09	1
3,3'-Dimethylbenzidine	<10.4	*1	10.4	1.56	ug/L		03/24/26 07:11	03/24/26 18:09	1
3-Methylcholanthrene	<10.4	*+	10.4	0.333	ug/L		03/24/26 07:11	03/24/26 18:09	1
3-Nitroaniline	<10.4		10.4	2.81	ug/L		03/24/26 07:11	03/24/26 18:09	1
4,6-Dinitro-2-methylphenol	<10.4		10.4	7.19	ug/L		03/24/26 07:11	03/24/26 18:09	1
4-Aminobiphenyl	<10.4		10.4	2.29	ug/L		03/24/26 07:11	03/24/26 18:09	1
4-Bromophenyl phenyl ether	<10.4		10.4	0.729	ug/L		03/24/26 07:11	03/24/26 18:09	1

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327931-1

Client Sample ID: MW-57R
Date Collected: 03/19/26 18:06
Date Received: 03/20/26 17:10

Lab Sample ID: 310-327931-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	<10.4		10.4	0.875	ug/L		03/24/26 07:11	03/24/26 18:09	1
4-Chloroaniline	<10.4		10.4	0.646	ug/L		03/24/26 07:11	03/24/26 18:09	1
4-Chlorophenyl phenyl ether	<10.4		10.4	0.719	ug/L		03/24/26 07:11	03/24/26 18:09	1
4-Methylphenol (and/or 3-Methylphenol)	<10.4		10.4	0.729	ug/L		03/24/26 07:11	03/24/26 18:09	1
4-Nitroaniline	<10.4		10.4	1.35	ug/L		03/24/26 07:11	03/24/26 18:09	1
4-Nitrophenol	<10.4		10.4	7.92	ug/L		03/24/26 07:11	03/24/26 18:09	1
5-Nitro-o-toluidine	<10.4		10.4	2.92	ug/L		03/24/26 07:11	03/24/26 18:09	1
7,12-Dimethylbenz(a)anthracene	<10.4		10.4	1.98	ug/L		03/24/26 07:11	03/24/26 18:09	1
Acenaphthene	<10.4		10.4	0.667	ug/L		03/24/26 07:11	03/24/26 18:09	1
Acenaphthylene	<10.4		10.4	0.750	ug/L		03/24/26 07:11	03/24/26 18:09	1
Acetophenone	<10.4		10.4	0.719	ug/L		03/24/26 07:11	03/24/26 18:09	1
Anthracene	<10.4		10.4	0.906	ug/L		03/24/26 07:11	03/24/26 18:09	1
Benzo(a)anthracene	<10.4		10.4	0.885	ug/L		03/24/26 07:11	03/24/26 18:09	1
Benzo(a)pyrene	<10.4		10.4	8.44	ug/L		03/24/26 07:11	03/24/26 18:09	1
Benzo(b)fluoranthene	<10.4		10.4	5.10	ug/L		03/24/26 07:11	03/24/26 18:09	1
Benzo(g,h,i)perylene	<10.4		10.4	6.56	ug/L		03/24/26 07:11	03/24/26 18:09	1
Benzo(k)fluoranthene	<10.4		10.4	2.29	ug/L		03/24/26 07:11	03/24/26 18:09	1
Benzyl alcohol	<10.4		10.4	1.35	ug/L		03/24/26 07:11	03/24/26 18:09	1
Bis(2-chloroethoxy)methane	<10.4		10.4	0.792	ug/L		03/24/26 07:11	03/24/26 18:09	1
Bis(2-chloroethyl)ether	<10.4		10.4	0.854	ug/L		03/24/26 07:11	03/24/26 18:09	1
bis(2-chloroisopropyl) ether	<10.4		10.4	0.563	ug/L		03/24/26 07:11	03/24/26 18:09	1
Bis(2-ethylhexyl) phthalate	<10.4		10.4	5.73	ug/L		03/24/26 07:11	03/24/26 18:09	1
Butyl benzyl phthalate	<10.4		10.4	5.63	ug/L		03/24/26 07:11	03/24/26 18:09	1
Chlorobenzilate	<10.4		10.4	3.75	ug/L		03/24/26 07:11	03/24/26 18:09	1
Chrysene	<10.4		10.4	0.906	ug/L		03/24/26 07:11	03/24/26 18:09	1
Diallate	<10.4		10.4	4.17	ug/L		03/24/26 07:11	03/24/26 18:09	1
Dibenz(a,h)anthracene	<10.4		10.4	4.06	ug/L		03/24/26 07:11	03/24/26 18:09	1
Dibenzofuran	<10.4		10.4	0.771	ug/L		03/24/26 07:11	03/24/26 18:09	1
Diethyl phthalate	<10.4		10.4	1.77	ug/L		03/24/26 07:11	03/24/26 18:09	1
Dimethoate	<10.4		10.4	3.75	ug/L		03/24/26 07:11	03/24/26 18:09	1
Dimethyl phthalate	<10.4		10.4	1.04	ug/L		03/24/26 07:11	03/24/26 18:09	1
Di-n-butyl phthalate	<10.4		10.4	5.83	ug/L		03/24/26 07:11	03/24/26 18:09	1
Di-n-octyl phthalate	<20.8		20.8	7.29	ug/L		03/24/26 07:11	03/24/26 18:09	1
Diphenylamine	<10.4		10.4	6.25	ug/L		03/24/26 07:11	03/24/26 18:09	1
Disulfoton	<10.4		10.4	2.50	ug/L		03/24/26 07:11	03/24/26 18:09	1
Ethyl methanesulfonate	<10.4		10.4	3.75	ug/L		03/24/26 07:11	03/24/26 18:09	1
Ethyl parathion	<10.4		10.4	2.29	ug/L		03/24/26 07:11	03/24/26 18:09	1
Famphur	<10.4		10.4	3.96	ug/L		03/24/26 07:11	03/24/26 18:09	1
Fluoranthene	<10.4		10.4	1.77	ug/L		03/24/26 07:11	03/24/26 18:09	1
Fluorene	<10.4		10.4	0.823	ug/L		03/24/26 07:11	03/24/26 18:09	1
Hexachlorobenzene	<10.4		10.4	0.729	ug/L		03/24/26 07:11	03/24/26 18:09	1
Hexachlorobutadiene	<10.4		10.4	0.896	ug/L		03/24/26 07:11	03/24/26 18:09	1
Hexachlorocyclopentadiene	<10.4		10.4	5.31	ug/L		03/24/26 07:11	03/24/26 18:09	1
Hexachloroethane	<10.4		10.4	1.01	ug/L		03/24/26 07:11	03/24/26 18:09	1
Hexachloropropene	<10.4		10.4	2.71	ug/L		03/24/26 07:11	03/24/26 18:09	1
Indeno(1,2,3-cd)pyrene	<10.4		10.4	4.38	ug/L		03/24/26 07:11	03/24/26 18:09	1
Isodrin	<10.4		10.4	4.90	ug/L		03/24/26 07:11	03/24/26 18:09	1
Isophorone	<10.4		10.4	0.969	ug/L		03/24/26 07:11	03/24/26 18:09	1
Isosafrole	<10.4		10.4	2.40	ug/L		03/24/26 07:11	03/24/26 18:09	1

Client Sample ID: MW-57R
Lab Sample ID: 310-327931-6
Date Collected: 03/19/26 18:06
Matrix: Water
Date Received: 03/20/26 17:10

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Kepone	<10.4		10.4	1.04	ug/L		03/24/26 07:11	03/24/26 18:09	1
Methapyrilene	<10.4	*- *1	10.4	0.792	ug/L		03/24/26 07:11	03/24/26 18:09	1
Methyl methanesulfonate	<10.4		10.4	3.44	ug/L		03/24/26 07:11	03/24/26 18:09	1
Methyl parathion	<10.4		10.4	2.40	ug/L		03/24/26 07:11	03/24/26 18:09	1
Nitrobenzene	<10.4		10.4	0.833	ug/L		03/24/26 07:11	03/24/26 18:09	1
N-Nitrosodiethylamine	<10.4		10.4	3.54	ug/L		03/24/26 07:11	03/24/26 18:09	1
N-Nitrosodimethylamine	<10.4		10.4	0.750	ug/L		03/24/26 07:11	03/24/26 18:09	1
N-Nitrosodi-n-butylamine	<10.4		10.4	4.06	ug/L		03/24/26 07:11	03/24/26 18:09	1
N-Nitrosodi-n-propylamine	<10.4		10.4	0.958	ug/L		03/24/26 07:11	03/24/26 18:09	1
N-Nitrosodiphenylamine	<10.4		10.4	0.781	ug/L		03/24/26 07:11	03/24/26 18:09	1
N-Nitrosomethylethylamine	<10.4		10.4	5.10	ug/L		03/24/26 07:11	03/24/26 18:09	1
N-Nitrosopiperidine	<10.4		10.4	2.81	ug/L		03/24/26 07:11	03/24/26 18:09	1
N-Nitrosopyrrolidine	<10.4		10.4	3.75	ug/L		03/24/26 07:11	03/24/26 18:09	1
o,o',o''-Triethylphosphorothioate	<10.4		10.4	3.33	ug/L		03/24/26 07:11	03/24/26 18:09	1
o-Toluidine	<10.4		10.4	3.02	ug/L		03/24/26 07:11	03/24/26 18:09	1
p-Dimethylamino azobenzene	<10.4		10.4	2.29	ug/L		03/24/26 07:11	03/24/26 18:09	1
Pentachlorobenzene	<10.4		10.4	2.92	ug/L		03/24/26 07:11	03/24/26 18:09	1
Pentachloronitrobenzene	<10.4		10.4	6.04	ug/L		03/24/26 07:11	03/24/26 18:09	1
Pentachlorophenol	<10.4		10.4	10.0	ug/L		03/24/26 07:11	03/24/26 18:09	1
Phenacetin	<10.4		10.4	1.98	ug/L		03/24/26 07:11	03/24/26 18:09	1
Phenanthrene	<10.4		10.4	0.823	ug/L		03/24/26 07:11	03/24/26 18:09	1
Phenol	<10.4		10.4	1.15	ug/L		03/24/26 07:11	03/24/26 18:09	1
Phorate	<10.4		10.4	3.33	ug/L		03/24/26 07:11	03/24/26 18:09	1
Pronamide	<10.4		10.4	2.81	ug/L		03/24/26 07:11	03/24/26 18:09	1
Pyrene	<10.4		10.4	0.823	ug/L		03/24/26 07:11	03/24/26 18:09	1
Safrole	<10.4		10.4	2.92	ug/L		03/24/26 07:11	03/24/26 18:09	1
Thionazin	<10.4		10.4	3.65	ug/L		03/24/26 07:11	03/24/26 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*56*		*21 - 110*	*03/24/26 07:11*	*03/24/26 18:09*	*1*
Phenol-d5 (Surr)	*46*		*21 - 110*	*03/24/26 07:11*	*03/24/26 18:09*	*1*
Nitrobenzene-d5 (Surr)	*74*		*39 - 140*	*03/24/26 07:11*	*03/24/26 18:09*	*1*
2-Fluorobiphenyl (Surr)	*81*		*33 - 126*	*03/24/26 07:11*	*03/24/26 18:09*	*1*
2,4,6-Tribromophenol (Surr)	*78*		*20 - 144*	*03/24/26 07:11*	*03/24/26 18:09*	*1*
Terphenyl-d14 (Surr)	*84*		*13 - 150*	*03/24/26 07:11*	*03/24/26 18:09*	*1*

Method: SW846 8015C - Nonhalogenated Organic using GC/FID (Direct Aqueous Injection)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	<10.0		10.0	2.60	mg/L			03/26/26 15:24	1
Isobutanol	<10.0		10.0	2.40	mg/L			03/26/26 15:24	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.0926		0.0926	0.0204	ug/L		03/25/26 15:00	03/27/26 10:37	1
alpha-BHC	<0.0926		0.0926	0.00926	ug/L		03/25/26 15:00	03/27/26 10:37	1
beta-BHC	<0.0926		0.0926	0.0389	ug/L		03/25/26 15:00	03/27/26 10:37	1
gamma-BHC (Lindane)	<0.0926		0.0926	0.00926	ug/L		03/25/26 15:00	03/27/26 10:37	1
Chlordane (technical)	<1.85		1.85	0.361	ug/L		03/25/26 15:00	03/27/26 10:37	1
delta-BHC	<0.0926		0.0926	0.0296	ug/L		03/25/26 15:00	03/27/26 10:37	1
Dieldrin	<0.0926		0.0926	0.0194	ug/L		03/25/26 15:00	03/27/26 10:37	1

Client Sample ID: MW-57R
Date Collected: 03/19/26 18:06
Date Received: 03/20/26 17:10

Lab Sample ID: 310-327931-6
Matrix: Water

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0926		0.0926	0.0231	ug/L		03/25/26 15:00	03/27/26 10:37	1
4,4'-DDE	<0.0926		0.0926	0.0278	ug/L		03/25/26 15:00	03/27/26 10:37	1
4,4'-DDT	<0.0926		0.0926	0.0185	ug/L		03/25/26 15:00	03/27/26 10:37	1
Endosulfan I	<0.0926		0.0926	0.0259	ug/L		03/25/26 15:00	03/27/26 10:37	1
Endosulfan II	<0.0926		0.0926	0.0241	ug/L		03/25/26 15:00	03/27/26 10:37	1
Endosulfan sulfate	<0.0926		0.0926	0.0167	ug/L		03/25/26 15:00	03/27/26 10:37	1
Endrin	<0.0926		0.0926	0.0259	ug/L		03/25/26 15:00	03/27/26 10:37	1
Endrin aldehyde	<0.0926		0.0926	0.0250	ug/L		03/25/26 15:00	03/27/26 10:37	1
Heptachlor	<0.0926		0.0926	0.0213	ug/L		03/25/26 15:00	03/27/26 10:37	1
Heptachlor epoxide	<0.0926		0.0926	0.0296	ug/L		03/25/26 15:00	03/27/26 10:37	1
Methoxychlor	<0.0926		0.0926	0.0296	ug/L		03/25/26 15:00	03/27/26 10:37	1
Toxaphene	<1.85		1.85	0.926	ug/L		03/25/26 15:00	03/27/26 10:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*104*		*10 - 150*	*03/25/26 15:00*	*03/27/26 10:37*	*1*
Tetrachloro-m-xylene (Surr)	*90*		*17 - 150*	*03/25/26 15:00*	*03/27/26 10:37*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<1.85		1.85	0.757	ug/L		03/27/26 11:29	03/27/26 14:21	1
PCB-1221	<1.85		1.85	0.757	ug/L		03/27/26 11:29	03/27/26 14:21	1
PCB-1232	<1.85		1.85	0.757	ug/L		03/27/26 11:29	03/27/26 14:21	1
PCB-1242	<1.85		1.85	0.757	ug/L		03/27/26 11:29	03/27/26 14:21	1
PCB-1248	<1.85		1.85	0.637	ug/L		03/27/26 11:29	03/27/26 14:21	1
PCB-1254	<1.85		1.85	0.637	ug/L		03/27/26 11:29	03/27/26 14:21	1
PCB-1260	<1.85		1.85	0.637	ug/L		03/27/26 11:29	03/27/26 14:21	1
PCB-1268	<1.85		1.85	0.637	ug/L		03/27/26 11:29	03/27/26 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*100*		*10 - 150*	*03/27/26 11:29*	*03/27/26 14:21*	*1*
Tetrachloro-m-xylene (Surr)	*79*		*17 - 150*	*03/27/26 11:29*	*03/27/26 14:21*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<1.00		1.00	0.126	ug/L		03/25/26 09:25	03/26/26 02:22	1
Silvex (2,4,5-TP)	<1.00		1.00	0.105	ug/L		03/25/26 09:25	03/26/26 02:22	1
2,4,5-T	<1.00		1.00	0.140	ug/L		03/25/26 09:25	03/26/26 02:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DICHLOROPHENYLACETICACID24-	*53*		*25 - 130*	*03/25/26 09:25*	*03/26/26 02:22*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		03/24/26 08:29	03/25/26 15:58	1
Arsenic	**0.00284**		0.00200	0.000530	mg/L		03/24/26 08:29	03/25/26 15:58	1
Barium	**0.229**		0.00200	0.000660	mg/L		03/24/26 08:29	03/25/26 15:58	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/24/26 08:29	03/25/26 15:58	1
Cadmium	**0.00156**		0.000200	0.000100	mg/L		03/24/26 08:29	03/25/26 15:58	1
Chromium	**0.00181**	**J**	0.00500	0.00180	mg/L		03/24/26 08:29	03/25/26 15:58	1
Cobalt	**0.0104**		0.000500	0.000170	mg/L		03/24/26 08:29	03/25/26 15:58	1
Copper	**0.00321**	**J**	0.00500	0.00320	mg/L		03/24/26 08:29	03/25/26 15:58	1

Client Sample ID: MW-57R
Lab Sample ID: 310-327931-6

Date Collected: 03/19/26 18:06
Matrix: Water

Date Received: 03/20/26 17:10

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.000500		0.000500	0.000330	mg/L		03/24/26 08:29	03/26/26 16:46	1
Nickel	**0.0244**		0.00500	0.00230	mg/L		03/24/26 08:29	03/25/26 15:58	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/24/26 08:29	03/25/26 15:58	1
Silver	<0.00100	*+	0.00100	0.000500	mg/L		03/24/26 08:29	03/26/26 16:46	1
Thallium	<0.00100	^1+	0.00100	0.000570	mg/L		03/24/26 08:29	03/25/26 15:58	1
Tin	<0.00500		0.00500	0.00250	mg/L		03/24/26 08:29	03/25/26 15:58	1
Vanadium	**0.00466**	**J**	0.00500	0.00170	mg/L		03/24/26 08:29	03/25/26 15:58	1
Zinc	<0.0200		0.0200	0.0130	mg/L		03/24/26 08:29	03/25/26 15:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.200		0.200	0.0760	ug/L		03/26/26 12:10	03/27/26 08:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.0100		0.0100	0.00350	mg/L		03/23/26 08:45	03/25/26 13:59	1
Sulfide (SW846 9034)	<1.00		1.00	0.231	mg/L			03/25/26 11:05	1
Total Suspended Solids (USGS I-3765-85)	**63.3**		1.88	1.05	mg/L			03/24/26 10:30	1
Total Organic Carbon (SM 5310C)	**4.54**		1.00	0.500	mg/L			03/25/26 01:35	1

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327931-1

Client Sample ID: MW-31R

Date Collected: 03/19/26 19:34
Date Received: 03/20/26 17:10

Lab Sample ID: 310-327931-7

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 02:34	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 02:34	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 02:34	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 02:34	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/26/26 02:34	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 02:34	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 02:34	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 02:34	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 02:34	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/26/26 02:34	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 02:34	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/26/26 02:34	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/26/26 02:34	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 02:34	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 02:34	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 02:34	1
Acetone	<10.0		10.0	3.80	ug/L			03/26/26 02:34	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 02:34	1
Benzene	<0.500		0.500	0.220	ug/L			03/26/26 02:34	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 02:34	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 02:34	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 02:34	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 02:34	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 02:34	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 02:34	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/26/26 02:34	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 02:34	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 02:34	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 02:34	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 02:34	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/26/26 02:34	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 02:34	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 02:34	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 02:34	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 02:34	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/26/26 02:34	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 02:34	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 02:34	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 02:34	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/26/26 02:34	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 02:34	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 02:34	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/26/26 02:34	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 02:34	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 02:34	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/26/26 02:34	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 02:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*76 - 130*		*03/26/26 02:34*	*1*

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327931-1

Client Sample ID: MW-31R

Date Collected: 03/19/26 19:34
Date Received: 03/20/26 17:10

Lab Sample ID: 310-327931-7

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*03/26/26 02:34*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*03/26/26 02:34*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		03/24/26 08:29	03/25/26 16:01	1
Arsenic	**0.000734**	**J**	0.00200	0.000530	mg/L		03/24/26 08:29	03/25/26 16:01	1
Barium	**0.326**		0.00200	0.000660	mg/L		03/24/26 08:29	03/25/26 16:01	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/24/26 08:29	03/25/26 16:01	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		03/24/26 08:29	03/25/26 16:01	1
Chromium	<0.00500		0.00500	0.00180	mg/L		03/24/26 08:29	03/25/26 16:01	1
Cobalt	**0.000206**	**J**	0.000500	0.000170	mg/L		03/24/26 08:29	03/25/26 16:01	1
Copper	<0.00500		0.00500	0.00320	mg/L		03/24/26 08:29	03/25/26 16:01	1
Lead	<0.000500		0.000500	0.000330	mg/L		03/24/26 08:29	03/26/26 16:49	1
Nickel	<0.00500		0.00500	0.00230	mg/L		03/24/26 08:29	03/25/26 16:01	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/24/26 08:29	03/25/26 16:01	1
Silver	<0.00100	*+	0.00100	0.000500	mg/L		03/24/26 08:29	03/26/26 16:49	1
Thallium	<0.00100	^1+	0.00100	0.000570	mg/L		03/24/26 08:29	03/25/26 16:01	1
Vanadium	<0.00500		0.00500	0.00170	mg/L		03/24/26 08:29	03/25/26 16:01	1
Zinc	<0.0200		0.0200	0.0130	mg/L		03/24/26 08:29	03/25/26 16:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**21.0**		3.75	2.10	mg/L			03/24/26 10:30	1
Total Organic Carbon (SM 5310C)	**4.30**		1.00	0.500	mg/L			03/25/26 02:11	1

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327931-1

Client Sample ID: PZ-13

Date Collected: 03/19/26 18:47
Date Received: 03/20/26 17:10

Lab Sample ID: 310-327931-8

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 02:56	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 02:56	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 02:56	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 02:56	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/26/26 02:56	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 02:56	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 02:56	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 02:56	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 02:56	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/26/26 02:56	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 02:56	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/26/26 02:56	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/26/26 02:56	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 02:56	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 02:56	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 02:56	1
Acetone	<10.0		10.0	3.80	ug/L			03/26/26 02:56	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 02:56	1
Benzene	<0.500		0.500	0.220	ug/L			03/26/26 02:56	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 02:56	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 02:56	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 02:56	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 02:56	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 02:56	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 02:56	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/26/26 02:56	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 02:56	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 02:56	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 02:56	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 02:56	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/26/26 02:56	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 02:56	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 02:56	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 02:56	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 02:56	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/26/26 02:56	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 02:56	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 02:56	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 02:56	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/26/26 02:56	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 02:56	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 02:56	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/26/26 02:56	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 02:56	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 02:56	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/26/26 02:56	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 02:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*76 - 130*		*03/26/26 02:56*	*1*

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327931-1

Client Sample ID: PZ-13
Date Collected: 03/19/26 18:47
Date Received: 03/20/26 17:10

Lab Sample ID: 310-327931-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*80 - 120*		*03/26/26 02:56*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*03/26/26 02:56*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00177**	**J**	0.00200	0.000530	mg/L		03/24/26 08:35	03/25/26 16:12	1
Cobalt	<0.000500		0.000500	0.000170	mg/L		03/24/26 08:35	03/25/26 16:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.88		1.88	1.05	mg/L			03/24/26 11:08	1

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327931-1

Client Sample ID: MW-32R

Date Collected: 03/20/26 11:31
Date Received: 03/20/26 17:10

Lab Sample ID: 310-327931-9

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 13:44	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 13:44	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 13:44	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 13:44	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/26/26 13:44	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 13:44	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 13:44	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 13:44	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 13:44	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/26/26 13:44	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 13:44	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/26/26 13:44	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/26/26 13:44	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 13:44	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 13:44	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 13:44	1
Acetone	<10.0		10.0	3.80	ug/L			03/26/26 13:44	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 13:44	1
Benzene	<0.500		0.500	0.220	ug/L			03/26/26 13:44	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 13:44	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 13:44	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 13:44	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 13:44	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 13:44	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 13:44	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/26/26 13:44	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 13:44	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 13:44	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 13:44	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 13:44	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/26/26 13:44	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 13:44	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 13:44	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 13:44	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 13:44	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/26/26 13:44	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 13:44	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 13:44	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 13:44	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/26/26 13:44	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 13:44	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 13:44	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/26/26 13:44	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 13:44	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 13:44	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/26/26 13:44	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*76 - 130*		*03/26/26 13:44*	*1*

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327931-1

Client Sample ID: MW-32R

Date Collected: 03/20/26 11:31
Date Received: 03/20/26 17:10

Lab Sample ID: 310-327931-9

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*03/26/26 13:44*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*03/26/26 13:44*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		03/24/26 08:35	03/25/26 16:30	1
Arsenic	**0.000575**	**J**	0.00200	0.000530	mg/L		03/24/26 08:35	03/25/26 16:30	1
Barium	**0.193**		0.00200	0.000660	mg/L		03/24/26 08:35	03/25/26 16:30	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/24/26 08:35	03/25/26 16:30	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		03/24/26 08:35	03/25/26 16:30	1
Chromium	<0.00500		0.00500	0.00180	mg/L		03/24/26 08:35	03/25/26 16:30	1
Cobalt	**0.000634**		0.000500	0.000170	mg/L		03/24/26 08:35	03/25/26 16:30	1
Copper	<0.00500		0.00500	0.00320	mg/L		03/24/26 08:35	03/25/26 16:30	1
Lead	**0.000927**		0.000500	0.000330	mg/L		03/24/26 08:35	03/27/26 15:49	1
Nickel	<0.00500		0.00500	0.00230	mg/L		03/24/26 08:35	03/25/26 16:30	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/24/26 08:35	03/25/26 16:30	1
Silver	<0.00100		0.00100	0.000500	mg/L		03/24/26 08:35	03/26/26 14:15	1
Thallium	<0.00100	^1+	0.00100	0.000570	mg/L		03/24/26 08:35	03/25/26 16:30	1
Vanadium	**0.00246**	**J**	0.00500	0.00170	mg/L		03/24/26 08:35	03/25/26 16:30	1
Zinc	<0.0200		0.0200	0.0130	mg/L		03/24/26 08:35	03/25/26 16:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**61.2**		2.50	1.40	mg/L			03/25/26 10:53	1
Total Organic Carbon (SM 5310C)	**3.09**		1.00	0.500	mg/L			03/25/26 02:47	1

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327931-1

Client Sample ID: MW-33R

Date Collected: 03/20/26 10:28
Date Received: 03/20/26 17:10

Lab Sample ID: 310-327931-10

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 14:06	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 14:06	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 14:06	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 14:06	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/26/26 14:06	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 14:06	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 14:06	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 14:06	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 14:06	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/26/26 14:06	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 14:06	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/26/26 14:06	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/26/26 14:06	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 14:06	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 14:06	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 14:06	1
Acetone	<10.0		10.0	3.80	ug/L			03/26/26 14:06	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 14:06	1
Benzene	<0.500		0.500	0.220	ug/L			03/26/26 14:06	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 14:06	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 14:06	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 14:06	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 14:06	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 14:06	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 14:06	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/26/26 14:06	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 14:06	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 14:06	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 14:06	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 14:06	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/26/26 14:06	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 14:06	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 14:06	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 14:06	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 14:06	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/26/26 14:06	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 14:06	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 14:06	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 14:06	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/26/26 14:06	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 14:06	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 14:06	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/26/26 14:06	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 14:06	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 14:06	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/26/26 14:06	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*76 - 130*		*03/26/26 14:06*	*1*

Client Sample ID: MW-33R

Date Collected: 03/20/26 10:28
Date Received: 03/20/26 17:10

Lab Sample ID: 310-327931-10

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*03/26/26 14:06*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*03/26/26 14:06*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		03/24/26 08:35	03/25/26 16:33	1
Arsenic	**0.00704**		0.00200	0.000530	mg/L		03/24/26 08:35	03/25/26 16:33	1
Barium	**0.619**		0.00200	0.000660	mg/L		03/24/26 08:35	03/25/26 16:33	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/24/26 08:35	03/25/26 16:33	1
Cadmium	**0.000203**		0.000200	0.000100	mg/L		03/24/26 08:35	03/25/26 16:33	1
Chromium	<0.00500		0.00500	0.00180	mg/L		03/24/26 08:35	03/25/26 16:33	1
Cobalt	**0.00854**		0.000500	0.000170	mg/L		03/24/26 08:35	03/25/26 16:33	1
Copper	<0.00500		0.00500	0.00320	mg/L		03/24/26 08:35	03/25/26 16:33	1
Lead	<0.000500		0.000500	0.000330	mg/L		03/24/26 08:35	03/26/26 14:17	1
Nickel	**0.00514**		0.00500	0.00230	mg/L		03/24/26 08:35	03/25/26 16:33	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/24/26 08:35	03/25/26 16:33	1
Silver	<0.00100		0.00100	0.000500	mg/L		03/24/26 08:35	03/26/26 14:17	1
Thallium	<0.00100	^1+	0.00100	0.000570	mg/L		03/24/26 08:35	03/25/26 16:33	1
Vanadium	<0.00500		0.00500	0.00170	mg/L		03/24/26 08:35	03/25/26 16:33	1
Zinc	<0.0200		0.0200	0.0130	mg/L		03/24/26 08:35	03/25/26 16:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**6.63**		1.88	1.05	mg/L			03/25/26 10:53	1
Total Organic Carbon (SM 5310C)	**2.46**		1.00	0.500	mg/L			03/25/26 03:23	1

Client Sample ID: TB-4
Lab Sample ID: 310-327931-11

Date Collected: 03/20/26 12:00
Matrix: Water
Date Received: 03/20/26 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 11:10	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 11:10	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 11:10	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 11:10	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/26/26 11:10	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 11:10	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 11:10	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 11:10	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 11:10	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/26/26 11:10	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 11:10	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/26/26 11:10	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/26/26 11:10	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 11:10	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 11:10	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 11:10	1
Acetone	<10.0		10.0	3.80	ug/L			03/26/26 11:10	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 11:10	1
Benzene	<0.500		0.500	0.220	ug/L			03/26/26 11:10	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 11:10	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 11:10	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 11:10	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 11:10	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 11:10	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 11:10	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/26/26 11:10	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 11:10	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 11:10	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 11:10	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 11:10	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/26/26 11:10	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 11:10	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 11:10	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 11:10	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 11:10	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/26/26 11:10	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 11:10	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 11:10	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 11:10	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/26/26 11:10	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 11:10	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 11:10	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/26/26 11:10	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 11:10	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 11:10	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/26/26 11:10	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 11:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*76 - 130*		*03/26/26 11:10*	*1*

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327931-1

Client Sample ID: TB-4
Date Collected: 03/20/26 12:00
Date Received: 03/20/26 17:10

Lab Sample ID: 310-327931-11
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		03/26/26 11:10	1
4-Bromofluorobenzene (Surr)	102		80 - 120		03/26/26 11:10	1

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327931-1

Client Sample ID: TB-1

Date Collected: 03/20/26 12:00
Date Received: 03/20/26 17:10

Lab Sample ID: 310-327931-12

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 11:32	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 11:32	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 11:32	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 11:32	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/26/26 11:32	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 11:32	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 11:32	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 11:32	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 11:32	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/26/26 11:32	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 11:32	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/26/26 11:32	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/26/26 11:32	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 11:32	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 11:32	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 11:32	1
Acetone	<10.0		10.0	3.80	ug/L			03/26/26 11:32	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 11:32	1
Benzene	<0.500		0.500	0.220	ug/L			03/26/26 11:32	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 11:32	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 11:32	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 11:32	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 11:32	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 11:32	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 11:32	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/26/26 11:32	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 11:32	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 11:32	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 11:32	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 11:32	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/26/26 11:32	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 11:32	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 11:32	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 11:32	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 11:32	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/26/26 11:32	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 11:32	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 11:32	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 11:32	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/26/26 11:32	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 11:32	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 11:32	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/26/26 11:32	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 11:32	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 11:32	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/26/26 11:32	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 11:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*76 - 130*		*03/26/26 11:32*	*1*

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327931-1

Client Sample ID: TB-1
Date Collected: 03/20/26 12:00
Date Received: 03/20/26 17:10

Lab Sample ID: 310-327931-12
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		03/26/26 11:32	1
4-Bromofluorobenzene (Surr)	100		80 - 120		03/26/26 11:32	1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^1+	Initial Calibration Verification (ICV) is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Surrogate Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327931-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		DBFM	TOL	BFB
Lab Sample ID	Client Sample ID	(76-130)	(80-120)	(80-120)
310-327931-1	MW-28	101	100	99
310-327931-2	MW-56	97	99	99
310-327931-3	MW-73	98	98	101
310-327931-5	MW-58	99	99	99
310-327931-6	MW-57R	100	102	103
310-327931-7	MW-31R	95	97	100
310-327931-8	PZ-13	100	100	100
310-327931-9	MW-32R	94	96	98
310-327931-10	MW-33R	97	97	102
310-327931-11	TB-4	95	97	102
310-327931-12	TB-1	97	97	100
LCS 310-484067/7	Lab Control Sample	103	99	95
LCS 310-484067/8	Lab Control Sample	95	100	96
LCS 310-484076/7	Lab Control Sample	101	95	96
LCS 310-484076/8	Lab Control Sample	96	97	102
MB 310-484067/6	Method Blank	100	99	95
MB 310-484076/6	Method Blank	96	98	99

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		2FP	PHL	NBZ	FBP	TBP	TPHL
Lab Sample ID	Client Sample ID	(21-110)	(21-110)	(39-140)	(33-126)	(20-144)	(13-150)
310-327931-6	MW-57R	56	46	74	81	78	84
LCS 310-483921/2-A	Lab Control Sample	81	68	99	93	118	106
LCSD 310-483921/3-A	Lab Control Sample Dup	80	76	84	83	99	93
MB 310-483921/1-A	Method Blank	71	63	88	87	104	104

Surrogate Legend

2FP = 2-Fluorophenol (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB2	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(17-150)
310-327931-6	MW-57R	104	90
LB 310-483538/1-D	Method Blank	71	80
LCS 310-484120/2-A	Lab Control Sample	34	68

Surrogate Summary

Client: HDR Inc
Job ID: 310-327931-1
Project/Site: Metro Park EAST-Landfill

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB2	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(17-150)
MB 310-484120/1-A	Method Blank	67	72

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB1	TCX1
Lab Sample ID	Client Sample ID	(10-150)	(17-150)
310-327931-6	MW-57R	100	79
LCS 310-484328/12-A	Lab Control Sample	11	72
MB 310-484328/1-A	Method Blank	48	89

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Method: 8151A - Herbicides (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		DCPAA2
Lab Sample ID	Client Sample ID	(25-130)
310-327931-6	MW-57R	53
LCS 500-858766/2-A	Lab Control Sample	94
LCSD 500-858766/3-A	Lab Control Sample Dup	68
MB 500-858766/1-A	Method Blank	47

Surrogate Legend

DCPAA = DICHLOROPHENYLACETICACID24-

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 310-484067/6
Matrix: Water
Analysis Batch: 484067

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/25/26 22:10	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/25/26 22:10	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/25/26 22:10	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/25/26 22:10	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/25/26 22:10	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/25/26 22:10	1
1,1-Dichloropropene	<1.00		1.00	0.410	ug/L			03/25/26 22:10	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/25/26 22:10	1
1,2,4-Trichlorobenzene	<5.00		5.00	1.90	ug/L			03/25/26 22:10	1
1,2-Dibromo-3-Chloropropane	<5.00		5.00	1.20	ug/L			03/25/26 22:10	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/25/26 22:10	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/25/26 22:10	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/25/26 22:10	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/25/26 22:10	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/25/26 22:10	1
1,3-Dichlorobenzene	<1.00		1.00	0.470	ug/L			03/25/26 22:10	1
1,3-Dichloropropane	<1.00		1.00	0.390	ug/L			03/25/26 22:10	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/25/26 22:10	1
2,2-Dichloropropane	<4.00		4.00	0.690	ug/L			03/25/26 22:10	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/25/26 22:10	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/25/26 22:10	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/25/26 22:10	1
Acetone	<10.0		10.0	3.80	ug/L			03/25/26 22:10	1
Acrolein	<10.0		10.0	3.60	ug/L			03/25/26 22:10	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/25/26 22:10	1
Allyl chloride	<2.00		2.00	0.700	ug/L			03/25/26 22:10	1
Benzene	<0.500		0.500	0.220	ug/L			03/25/26 22:10	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/25/26 22:10	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/25/26 22:10	1
Bromoform	<5.00		5.00	2.60	ug/L			03/25/26 22:10	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/25/26 22:10	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/25/26 22:10	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/25/26 22:10	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/25/26 22:10	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/25/26 22:10	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/25/26 22:10	1
Chloroform	<3.00		3.00	1.30	ug/L			03/25/26 22:10	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/25/26 22:10	1
Chloroprene	<1.00		1.00	0.320	ug/L			03/25/26 22:10	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/25/26 22:10	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/25/26 22:10	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/25/26 22:10	1
Dichlorodifluoromethane	<3.00		3.00	0.850	ug/L			03/25/26 22:10	1
Ethyl methacrylate	<2.00		2.00	0.630	ug/L			03/25/26 22:10	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/25/26 22:10	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/25/26 22:10	1
Methacrylonitrile	<10.0		10.0	3.30	ug/L			03/25/26 22:10	1
Methyl methacrylate	<2.00		2.00	0.760	ug/L			03/25/26 22:10	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-484067/6
Matrix: Water
Analysis Batch: 484067

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<5.00		5.00	1.70	ug/L			03/25/26 22:10	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/25/26 22:10	1
Naphthalene	<5.00		5.00	1.80	ug/L			03/25/26 22:10	1
Propionitrile	<10.0		10.0	3.40	ug/L			03/25/26 22:10	1
Styrene	<1.00		1.00	0.370	ug/L			03/25/26 22:10	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/25/26 22:10	1
Toluene	<1.00		1.00	0.430	ug/L			03/25/26 22:10	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/25/26 22:10	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/25/26 22:10	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/25/26 22:10	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/25/26 22:10	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/25/26 22:10	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/25/26 22:10	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/25/26 22:10	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/25/26 22:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*76 - 130*		*03/25/26 22:10*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/25/26 22:10*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*03/25/26 22:10*	*1*

Lab Sample ID: LCS 310-484067/7
Matrix: Water
Analysis Batch: 484067

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	10.0	9.874		ug/L		99	70 - 121
1,1,1-Trichloroethane	10.0	9.460		ug/L		95	69 - 130
1,1,2,2-Tetrachloroethane	10.0	10.14		ug/L		101	70 - 122
1,1,2-Trichloroethane	10.0	10.13		ug/L		101	75 - 121
1,1-Dichloroethane	10.0	9.481		ug/L		95	69 - 127
1,1-Dichloroethene	10.0	9.689		ug/L		97	64 - 134
1,1-Dichloropropene	10.0	10.20		ug/L		102	70 - 133
1,2,3-Trichloropropane	10.0	11.30		ug/L		113	70 - 122
1,2,4-Trichlorobenzene	10.0	9.501		ug/L		95	69 - 125
1,2-Dibromo-3-Chloropropane	10.0	9.563		ug/L		96	62 - 132
1,2-Dibromo-3-chloropropane	10.0	9.563		ug/L		96	62 - 132
1,2-Dibromoethane (EDB)	10.0	9.940		ug/L		99	74 - 122
1,2-Dichlorobenzene	10.0	9.563		ug/L		96	74 - 120
1,2-Dichloroethane	10.0	9.460		ug/L		95	68 - 125
1,2-Dichloropropane	10.0	9.300		ug/L		93	72 - 128
1,3-Dichlorobenzene	10.0	9.574		ug/L		96	71 - 120
1,3-Dichloropropane	10.0	9.658		ug/L		97	72 - 125
1,4-Dichlorobenzene	10.0	9.197		ug/L		92	72 - 120
2,2-Dichloropropane	10.0	9.643		ug/L		96	51 - 146
2-Butanone (MEK)	20.0	21.53		ug/L		108	60 - 134
2-Hexanone	20.0	20.16		ug/L		101	62 - 139
4-Methyl-2-pentanone (MIBK)	20.0	19.20		ug/L		96	62 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-484067/7
Matrix: Water
Analysis Batch: 484067

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	20.0	19.71		ug/L		99	59 - 136
Acrolein	47.4	44.01		ug/L		93	50 - 150
Acrylonitrile	100	94.10		ug/L		94	50 - 150
Allyl chloride	10.0	9.480		ug/L		95	61 - 136
Benzene	10.0	9.511		ug/L		95	71 - 125
Bromochloromethane	10.0	9.539		ug/L		95	69 - 131
Bromodichloromethane	10.0	9.638		ug/L		96	70 - 122
Bromoform	10.0	9.519		ug/L		95	62 - 122
Carbon disulfide	10.0	9.529		ug/L		95	58 - 137
Carbon tetrachloride	10.0	10.06		ug/L		101	63 - 136
Chlorobenzene	10.0	9.504		ug/L		95	74 - 120
Chlorodibromomethane	10.0	9.086		ug/L		91	69 - 121
Chloroform	10.0	9.775		ug/L		98	72 - 122
Chloroprene	10.0	9.835		ug/L		98	67 - 136
cis-1,2-Dichloroethene	10.0	9.616		ug/L		96	72 - 123
cis-1,3-Dichloropropene	10.0	9.181		ug/L		92	72 - 123
Dibromomethane	10.0	9.727		ug/L		97	72 - 122
Ethyl methacrylate	10.0	9.394		ug/L		94	68 - 128
Ethylbenzene	10.0	9.610		ug/L		96	75 - 120
Iodomethane	10.0	8.947	J	ug/L		89	18 - 150
Methacrylonitrile	100	97.00		ug/L		97	67 - 128
Methyl methacrylate	20.0	19.40		ug/L		97	69 - 129
Methylene Chloride	10.0	9.452		ug/L		95	72 - 128
Methylene chloride	10.0	9.452		ug/L		95	72 - 128
Naphthalene	10.0	8.616		ug/L		86	69 - 126
Propionitrile	100	99.82		ug/L		100	68 - 131
Styrene	10.0	9.328		ug/L		93	74 - 122
Tetrachloroethene	10.0	9.830		ug/L		98	70 - 128
Toluene	10.0	9.565		ug/L		96	74 - 120
trans-1,2-Dichloroethene	10.0	9.599		ug/L		96	67 - 127
trans-1,3-Dichloropropene	10.0	9.173		ug/L		92	67 - 123
trans-1,4-Dichloro-2-butene	10.0	10.12		ug/L		101	50 - 150
Trichloroethene	10.0	9.752		ug/L		98	70 - 128
Vinyl acetate	20.0	18.69		ug/L		93	50 - 150
Xylenes, Total	20.0	19.24		ug/L		96	74 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*103*		*76 - 130*
Toluene-d8 (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*

Lab Sample ID: LCS 310-484067/8
Matrix: Water
Analysis Batch: 484067

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	19.40		ug/L		97	33 - 138
Chloroethane	20.0	20.38		ug/L		102	59 - 139

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-484067/8
Matrix: Water
Analysis Batch: 484067

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	20.0	21.00		ug/L		105	52 - 146
Dichlorodifluoromethane	20.0	28.34		ug/L		142	45 - 150
Trichlorofluoromethane	20.0	24.06		ug/L		120	55 - 150
Vinyl chloride	20.0	21.23		ug/L		106	60 - 142

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*95*		*76 - 130*
Toluene-d8 (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*

Lab Sample ID: MB 310-484076/6
Matrix: Water
Analysis Batch: 484076

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 09:09	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 09:09	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 09:09	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 09:09	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/26/26 09:09	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 09:09	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 09:09	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 09:09	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 09:09	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/26/26 09:09	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 09:09	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/26/26 09:09	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/26/26 09:09	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 09:09	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 09:09	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 09:09	1
Acetone	<10.0		10.0	3.80	ug/L			03/26/26 09:09	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 09:09	1
Benzene	<0.500		0.500	0.220	ug/L			03/26/26 09:09	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 09:09	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 09:09	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 09:09	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 09:09	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 09:09	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 09:09	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/26/26 09:09	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 09:09	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 09:09	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 09:09	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 09:09	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/26/26 09:09	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 09:09	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 09:09	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-484076/6
Matrix: Water
Analysis Batch: 484076

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 09:09	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 09:09	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/26/26 09:09	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 09:09	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 09:09	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 09:09	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/26/26 09:09	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 09:09	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 09:09	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/26/26 09:09	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 09:09	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 09:09	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/26/26 09:09	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 09:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*76 - 130*		*03/26/26 09:09*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/26/26 09:09*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*03/26/26 09:09*	*1*

Lab Sample ID: LCS 310-484076/7
Matrix: Water
Analysis Batch: 484076

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	10.0	9.687		ug/L		97	70 - 121
1,1,1-Trichloroethane	10.0	9.988		ug/L		100	69 - 130
1,1,2,2-Tetrachloroethane	10.0	10.00		ug/L		100	70 - 122
1,1,2-Trichloroethane	10.0	10.04		ug/L		100	75 - 121
1,1-Dichloroethane	10.0	9.215		ug/L		92	69 - 127
1,1-Dichloroethene	10.0	9.701		ug/L		97	64 - 134
1,2,3-Trichloropropane	10.0	10.07		ug/L		101	70 - 122
1,2-Dibromo-3-chloropropane	10.0	9.138		ug/L		91	62 - 132
1,2-Dibromoethane (EDB)	10.0	9.877		ug/L		99	74 - 122
1,2-Dichlorobenzene	10.0	9.427		ug/L		94	74 - 120
1,2-Dichloroethane	10.0	9.624		ug/L		96	68 - 125
1,2-Dichloropropane	10.0	9.410		ug/L		94	72 - 128
1,4-Dichlorobenzene	10.0	9.676		ug/L		97	72 - 120
2-Butanone (MEK)	20.0	20.29		ug/L		101	60 - 134
2-Hexanone	20.0	19.25		ug/L		96	62 - 139
4-Methyl-2-pentanone (MIBK)	20.0	18.99		ug/L		95	62 - 136
Acetone	20.0	18.60		ug/L		93	59 - 136
Acrylonitrile	100	97.24		ug/L		97	50 - 150
Benzene	10.0	9.289		ug/L		93	71 - 125
Bromochloromethane	10.0	9.930		ug/L		99	69 - 131
Bromodichloromethane	10.0	9.579		ug/L		96	70 - 122
Bromoform	10.0	9.114		ug/L		91	62 - 122
Carbon disulfide	10.0	9.439		ug/L		94	58 - 137

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-484076/7
Matrix: Water
Analysis Batch: 484076

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon tetrachloride	10.0	10.02		ug/L		100	63 - 136
Chlorobenzene	10.0	9.193		ug/L		92	74 - 120
Chlorodibromomethane	10.0	9.113		ug/L		91	69 - 121
Chloroform	10.0	9.554		ug/L		96	72 - 122
cis-1,2-Dichloroethene	10.0	9.906		ug/L		99	72 - 123
cis-1,3-Dichloropropene	10.0	8.963		ug/L		90	72 - 123
Dibromomethane	10.0	9.576		ug/L		96	72 - 122
Ethylbenzene	10.0	9.303		ug/L		93	75 - 120
Iodomethane	10.0	9.593	J	ug/L		96	18 - 150
Methylene chloride	10.0	9.676		ug/L		97	72 - 128
Styrene	10.0	9.192		ug/L		92	74 - 122
Tetrachloroethene	10.0	9.451		ug/L		95	70 - 128
Toluene	10.0	9.536		ug/L		95	74 - 120
trans-1,2-Dichloroethene	10.0	9.597		ug/L		96	67 - 127
trans-1,3-Dichloropropene	10.0	9.547		ug/L		95	67 - 123
trans-1,4-Dichloro-2-butene	10.0	10.21		ug/L		102	50 - 150
Trichloroethene	10.0	9.743		ug/L		97	70 - 128
Vinyl acetate	20.0	17.92		ug/L		90	50 - 150
Xylenes, Total	20.0	18.91		ug/L		95	74 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*101*		*76 - 130*
Toluene-d8 (Surr)	*95*		*80 - 120*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*

Lab Sample ID: LCS 310-484076/8
Matrix: Water
Analysis Batch: 484076

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	18.95		ug/L		95	33 - 138
Chloroethane	20.0	19.95		ug/L		100	59 - 139
Chloromethane	20.0	20.37		ug/L		102	52 - 146
Trichlorofluoromethane	20.0	23.70		ug/L		119	55 - 150
Vinyl chloride	20.0	21.58		ug/L		108	60 - 142

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*96*		*76 - 130*
Toluene-d8 (Surr)	*97*		*80 - 120*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 310-483921/1-A
Matrix: Water
Analysis Batch: 483912

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 483921

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	<10.0		10.0	0.540	ug/L		03/24/26 07:11	03/24/26 16:42	1
1,3,5-Trinitrobenzene	<10.0		10.0	2.30	ug/L		03/24/26 07:11	03/24/26 16:42	1
1,3-Dinitrobenzene	<10.0		10.0	3.20	ug/L		03/24/26 07:11	03/24/26 16:42	1
1,4-Naphthoquinone	<10.0		10.0	3.60	ug/L		03/24/26 07:11	03/24/26 16:42	1
1,4-Phenylenediamine	<10.0		10.0	1.90	ug/L		03/24/26 07:11	03/24/26 16:42	1
1-Naphthylamine	<10.0		10.0	2.50	ug/L		03/24/26 07:11	03/24/26 16:42	1
2,3,4,6-Tetrachlorophenol	<10.0		10.0	5.30	ug/L		03/24/26 07:11	03/24/26 16:42	1
2,4,5-Trichlorophenol	<10.0		10.0	5.30	ug/L		03/24/26 07:11	03/24/26 16:42	1
2,4,6-Trichlorophenol	<10.0		10.0	5.00	ug/L		03/24/26 07:11	03/24/26 16:42	1
2,4-Dichlorophenol	<10.0		10.0	0.850	ug/L		03/24/26 07:11	03/24/26 16:42	1
2,4-Dimethylphenol	<10.0		10.0	0.580	ug/L		03/24/26 07:11	03/24/26 16:42	1
2,4-Dinitrophenol	<20.0		20.0	13.0	ug/L		03/24/26 07:11	03/24/26 16:42	1
2,4-Dinitrotoluene	<10.0		10.0	6.40	ug/L		03/24/26 07:11	03/24/26 16:42	1
2,6-Dichlorophenol	<10.0		10.0	0.690	ug/L		03/24/26 07:11	03/24/26 16:42	1
2,6-Dinitrotoluene	<10.0		10.0	0.520	ug/L		03/24/26 07:11	03/24/26 16:42	1
2-Acetylaminofluorene	<10.0		10.0	2.70	ug/L		03/24/26 07:11	03/24/26 16:42	1
2-Chloronaphthalene	<10.0		10.0	0.640	ug/L		03/24/26 07:11	03/24/26 16:42	1
2-Chlorophenol	<10.0		10.0	0.540	ug/L		03/24/26 07:11	03/24/26 16:42	1
2-Methylnaphthalene	<10.0		10.0	0.590	ug/L		03/24/26 07:11	03/24/26 16:42	1
2-Methylphenol	<10.0		10.0	0.650	ug/L		03/24/26 07:11	03/24/26 16:42	1
2-Naphthylamine	<10.0		10.0	2.10	ug/L		03/24/26 07:11	03/24/26 16:42	1
2-Nitroaniline	<10.0		10.0	5.90	ug/L		03/24/26 07:11	03/24/26 16:42	1
2-Nitrophenol	<10.0		10.0	6.80	ug/L		03/24/26 07:11	03/24/26 16:42	1
3,3'-Dichlorobenzidine	<10.0		10.0	1.40	ug/L		03/24/26 07:11	03/24/26 16:42	1
3,3'-Dimethylbenzidine	<10.0		10.0	1.50	ug/L		03/24/26 07:11	03/24/26 16:42	1
3-Methylcholanthrene	<10.0		10.0	0.320	ug/L		03/24/26 07:11	03/24/26 16:42	1
3-Nitroaniline	<10.0		10.0	2.70	ug/L		03/24/26 07:11	03/24/26 16:42	1
4,6-Dinitro-2-methylphenol	<10.0		10.0	6.90	ug/L		03/24/26 07:11	03/24/26 16:42	1
4-Aminobiphenyl	<10.0		10.0	2.20	ug/L		03/24/26 07:11	03/24/26 16:42	1
4-Bromophenyl phenyl ether	<10.0		10.0	0.700	ug/L		03/24/26 07:11	03/24/26 16:42	1
4-Chloro-3-methylphenol	<10.0		10.0	0.840	ug/L		03/24/26 07:11	03/24/26 16:42	1
4-Chloroaniline	<10.0		10.0	0.620	ug/L		03/24/26 07:11	03/24/26 16:42	1
4-Chlorophenyl phenyl ether	<10.0		10.0	0.690	ug/L		03/24/26 07:11	03/24/26 16:42	1
4-Methylphenol (and/or 3-Methylphenol)	<10.0		10.0	0.700	ug/L		03/24/26 07:11	03/24/26 16:42	1
4-Nitroaniline	<10.0		10.0	1.30	ug/L		03/24/26 07:11	03/24/26 16:42	1
4-Nitrophenol	<10.0		10.0	7.60	ug/L		03/24/26 07:11	03/24/26 16:42	1
5-Nitro-o-toluidine	<10.0		10.0	2.80	ug/L		03/24/26 07:11	03/24/26 16:42	1
7,12-Dimethylbenz(a)anthracene	<10.0		10.0	1.90	ug/L		03/24/26 07:11	03/24/26 16:42	1
Acenaphthene	<10.0		10.0	0.640	ug/L		03/24/26 07:11	03/24/26 16:42	1
Acenaphthylene	<10.0		10.0	0.720	ug/L		03/24/26 07:11	03/24/26 16:42	1
Acetophenone	<10.0		10.0	0.690	ug/L		03/24/26 07:11	03/24/26 16:42	1
Anthracene	<10.0		10.0	0.870	ug/L		03/24/26 07:11	03/24/26 16:42	1
Benzo(a)anthracene	<10.0		10.0	0.850	ug/L		03/24/26 07:11	03/24/26 16:42	1
Benzo(a)pyrene	<10.0		10.0	8.10	ug/L		03/24/26 07:11	03/24/26 16:42	1
Benzo(b)fluoranthene	<10.0		10.0	4.90	ug/L		03/24/26 07:11	03/24/26 16:42	1
Benzo(g,h,i)perylene	<10.0		10.0	6.30	ug/L		03/24/26 07:11	03/24/26 16:42	1
Benzo(k)fluoranthene	<10.0		10.0	2.20	ug/L		03/24/26 07:11	03/24/26 16:42	1
Benzyl alcohol	<10.0		10.0	1.30	ug/L		03/24/26 07:11	03/24/26 16:42	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 310-483921/1-A
Matrix: Water
Analysis Batch: 483912

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 483921

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	<10.0		10.0	0.760	ug/L		03/24/26 07:11	03/24/26 16:42	1
Bis(2-chloroethyl)ether	<10.0		10.0	0.820	ug/L		03/24/26 07:11	03/24/26 16:42	1
bis(2-chloroisopropyl) ether	<10.0		10.0	0.540	ug/L		03/24/26 07:11	03/24/26 16:42	1
Bis(2-ethylhexyl) phthalate	<10.0		10.0	5.50	ug/L		03/24/26 07:11	03/24/26 16:42	1
Butyl benzyl phthalate	<10.0		10.0	5.40	ug/L		03/24/26 07:11	03/24/26 16:42	1
Chlorobenzilate	<10.0		10.0	3.60	ug/L		03/24/26 07:11	03/24/26 16:42	1
Chrysene	<10.0		10.0	0.870	ug/L		03/24/26 07:11	03/24/26 16:42	1
Diallate	<10.0		10.0	4.00	ug/L		03/24/26 07:11	03/24/26 16:42	1
Dibenz(a,h)anthracene	<10.0		10.0	3.90	ug/L		03/24/26 07:11	03/24/26 16:42	1
Dibenzofuran	<10.0		10.0	0.740	ug/L		03/24/26 07:11	03/24/26 16:42	1
Diethyl phthalate	<10.0		10.0	1.70	ug/L		03/24/26 07:11	03/24/26 16:42	1
Dimethoate	<10.0		10.0	3.60	ug/L		03/24/26 07:11	03/24/26 16:42	1
Dimethyl phthalate	<10.0		10.0	1.00	ug/L		03/24/26 07:11	03/24/26 16:42	1
Di-n-butyl phthalate	<10.0		10.0	5.60	ug/L		03/24/26 07:11	03/24/26 16:42	1
Di-n-octyl phthalate	<20.0		20.0	7.00	ug/L		03/24/26 07:11	03/24/26 16:42	1
Diphenylamine	<10.0		10.0	6.00	ug/L		03/24/26 07:11	03/24/26 16:42	1
Disulfoton	<10.0		10.0	2.40	ug/L		03/24/26 07:11	03/24/26 16:42	1
Ethyl methanesulfonate	<10.0		10.0	3.60	ug/L		03/24/26 07:11	03/24/26 16:42	1
Ethyl parathion	<10.0		10.0	2.20	ug/L		03/24/26 07:11	03/24/26 16:42	1
Famphur	<10.0		10.0	3.80	ug/L		03/24/26 07:11	03/24/26 16:42	1
Fluoranthene	<10.0		10.0	1.70	ug/L		03/24/26 07:11	03/24/26 16:42	1
Fluorene	<10.0		10.0	0.790	ug/L		03/24/26 07:11	03/24/26 16:42	1
Hexachlorobenzene	<10.0		10.0	0.700	ug/L		03/24/26 07:11	03/24/26 16:42	1
Hexachlorobutadiene	<10.0		10.0	0.860	ug/L		03/24/26 07:11	03/24/26 16:42	1
Hexachlorocyclopentadiene	<10.0		10.0	5.10	ug/L		03/24/26 07:11	03/24/26 16:42	1
Hexachloroethane	<10.0		10.0	0.970	ug/L		03/24/26 07:11	03/24/26 16:42	1
Hexachloropropene	<10.0		10.0	2.60	ug/L		03/24/26 07:11	03/24/26 16:42	1
Indeno(1,2,3-cd)pyrene	<10.0		10.0	4.20	ug/L		03/24/26 07:11	03/24/26 16:42	1
Isodrin	<10.0		10.0	4.70	ug/L		03/24/26 07:11	03/24/26 16:42	1
Isophorone	<10.0		10.0	0.930	ug/L		03/24/26 07:11	03/24/26 16:42	1
Isosafrole	<10.0		10.0	2.30	ug/L		03/24/26 07:11	03/24/26 16:42	1
Kepone	<10.0		10.0	1.00	ug/L		03/24/26 07:11	03/24/26 16:42	1
Methapyrilene	<10.0		10.0	0.760	ug/L		03/24/26 07:11	03/24/26 16:42	1
Methyl methanesulfonate	<10.0		10.0	3.30	ug/L		03/24/26 07:11	03/24/26 16:42	1
Methyl parathion	<10.0		10.0	2.30	ug/L		03/24/26 07:11	03/24/26 16:42	1
Nitrobenzene	<10.0		10.0	0.800	ug/L		03/24/26 07:11	03/24/26 16:42	1
N-Nitrosodiethylamine	<10.0		10.0	3.40	ug/L		03/24/26 07:11	03/24/26 16:42	1
N-Nitrosodimethylamine	<10.0		10.0	0.720	ug/L		03/24/26 07:11	03/24/26 16:42	1
N-Nitrosodi-n-butylamine	<10.0		10.0	3.90	ug/L		03/24/26 07:11	03/24/26 16:42	1
N-Nitrosodi-n-propylamine	<10.0		10.0	0.920	ug/L		03/24/26 07:11	03/24/26 16:42	1
N-Nitrosodiphenylamine	<10.0		10.0	0.750	ug/L		03/24/26 07:11	03/24/26 16:42	1
N-Nitrosomethylethylamine	<10.0		10.0	4.90	ug/L		03/24/26 07:11	03/24/26 16:42	1
N-Nitrosopiperidine	<10.0		10.0	2.70	ug/L		03/24/26 07:11	03/24/26 16:42	1
N-Nitrosopyrrolidine	<10.0		10.0	3.60	ug/L		03/24/26 07:11	03/24/26 16:42	1
o,o',o''-Triethylphosphorothioate	<10.0		10.0	3.20	ug/L		03/24/26 07:11	03/24/26 16:42	1
o-Toluidine	<10.0		10.0	2.90	ug/L		03/24/26 07:11	03/24/26 16:42	1
p-Dimethylamino azobenzene	<10.0		10.0	2.20	ug/L		03/24/26 07:11	03/24/26 16:42	1
Pentachlorobenzene	<10.0		10.0	2.80	ug/L		03/24/26 07:11	03/24/26 16:42	1
Pentachloronitrobenzene	<10.0		10.0	5.80	ug/L		03/24/26 07:11	03/24/26 16:42	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 310-483921/1-A
Matrix: Water
Analysis Batch: 483912

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 483921

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	<10.0		10.0	9.60	ug/L		03/24/26 07:11	03/24/26 16:42	1
Phenacetin	<10.0		10.0	1.90	ug/L		03/24/26 07:11	03/24/26 16:42	1
Phenanthrene	<10.0		10.0	0.790	ug/L		03/24/26 07:11	03/24/26 16:42	1
Phenol	<10.0		10.0	1.10	ug/L		03/24/26 07:11	03/24/26 16:42	1
Phorate	<10.0		10.0	3.20	ug/L		03/24/26 07:11	03/24/26 16:42	1
Pronamide	<10.0		10.0	2.70	ug/L		03/24/26 07:11	03/24/26 16:42	1
Pyrene	<10.0		10.0	0.790	ug/L		03/24/26 07:11	03/24/26 16:42	1
Safrole	<10.0		10.0	2.80	ug/L		03/24/26 07:11	03/24/26 16:42	1
Thionazin	<10.0		10.0	3.50	ug/L		03/24/26 07:11	03/24/26 16:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*71*		*21 - 110*	*03/24/26 07:11*	*03/24/26 16:42*	*1*
Phenol-d5 (Surr)	*63*		*21 - 110*	*03/24/26 07:11*	*03/24/26 16:42*	*1*
Nitrobenzene-d5 (Surr)	*88*		*39 - 140*	*03/24/26 07:11*	*03/24/26 16:42*	*1*
2-Fluorobiphenyl (Surr)	*87*		*33 - 126*	*03/24/26 07:11*	*03/24/26 16:42*	*1*
2,4,6-Tribromophenol (Surr)	*104*		*20 - 144*	*03/24/26 07:11*	*03/24/26 16:42*	*1*
Terphenyl-d14 (Surr)	*104*		*13 - 150*	*03/24/26 07:11*	*03/24/26 16:42*	*1*

Lab Sample ID: LCS 310-483921/2-A
Matrix: Water
Analysis Batch: 483912

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 483921

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4,5-Tetrachlorobenzene	100	96.79		ug/L		97	35 - 110
1,3,5-Trinitrobenzene	44.8	38.59		ug/L		86	26 - 150
1,3-Dinitrobenzene	100	46.47		ug/L		46	36 - 147
1,4-Naphthoquinone	44.8	45.42		ug/L		101	38 - 137
1,4-Phenylenediamine	44.8	<10.0	*-	ug/L		0	20 - 120
1-Naphthylamine	44.8	21.05		ug/L		47	10 - 110
2,3,4,6-Tetrachlorophenol	100	105.1		ug/L		105	32 - 142
2,4,5-Trichlorophenol	100	108.0		ug/L		108	39 - 136
2,4,6-Trichlorophenol	100	100.7		ug/L		101	35 - 141
2,4-Dichlorophenol	100	107.4		ug/L		107	44 - 131
2,4-Dimethylphenol	100	101.2		ug/L		101	30 - 128
2,4-Dinitrophenol	200	161.3		ug/L		81	10 - 150
2,4-Dinitrotoluene	100	104.5		ug/L		104	48 - 136
2,6-Dichlorophenol	100	108.6		ug/L		109	41 - 131
2,6-Dinitrotoluene	100	109.1		ug/L		109	49 - 135
2-Acetylaminofluorene	44.8	46.84		ug/L		105	37 - 149
2-Chloronaphthalene	100	91.03		ug/L		91	33 - 112
2-Chlorophenol	100	98.52		ug/L		99	43 - 119
2-Methylnaphthalene	100	101.4		ug/L		101	35 - 110
2-Methylphenol	100	95.74		ug/L		96	47 - 114
2-Naphthylamine	44.8	33.81		ug/L		75	18 - 111
2-Nitroaniline	100	107.4		ug/L		107	48 - 135
2-Nitrophenol	100	112.2		ug/L		112	36 - 144
3,3'-Dimethylbenzidine	44.8	33.70		ug/L		75	10 - 147
3-Methylcholanthrene	44.8	65.38	*+	ug/L		146	13 - 140

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 310-483921/2-A
Matrix: Water
Analysis Batch: 483912

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 483921

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3-Nitroaniline	100	109.0		ug/L		109	38 - 142
4,6-Dinitro-2-methylphenol	200	183.8		ug/L		92	22 - 150
4-Aminobiphenyl	44.8	37.09		ug/L		83	23 - 123
4-Bromophenyl phenyl ether	100	106.9		ug/L		107	41 - 131
4-Chloro-3-methylphenol	100	106.9		ug/L		107	51 - 132
4-Chloroaniline	100	125.8		ug/L		126	13 - 143
4-Chlorophenyl phenyl ether	100	96.88		ug/L		97	44 - 118
4-Methylphenol (and/or 3-Methylphenol)	100	95.36		ug/L		95	45 - 114
4-Nitroaniline	100	102.0		ug/L		102	33 - 141
4-Nitrophenol	200	147.1		ug/L		74	22 - 110
5-Nitro-o-toluidine	44.8	48.31		ug/L		108	43 - 139
7,12-Dimethylbenz(a)anthracene	44.8	43.78		ug/L		98	47 - 129
Acenaphthene	100	97.08		ug/L		97	38 - 118
Acenaphthylene	100	98.68		ug/L		99	39 - 115
Acetophenone	100	96.68		ug/L		97	47 - 118
Anthracene	100	105.5		ug/L		106	49 - 127
Benzo(a)anthracene	100	102.0		ug/L		102	49 - 126
Benzo(a)pyrene	100	107.5		ug/L		107	44 - 133
Benzo(b)fluoranthene	100	100.1		ug/L		100	44 - 136
Benzo(g,h,i)perylene	100	115.3		ug/L		115	42 - 135
Benzo(k)fluoranthene	100	101.5		ug/L		101	49 - 134
Benzyl alcohol	100	96.94		ug/L		97	46 - 123
Bis(2-chloroethoxy)methane	100	103.7		ug/L		104	44 - 126
Bis(2-chloroethyl)ether	100	88.19		ug/L		88	41 - 116
bis(2-chloroisopropyl) ether	100	89.22		ug/L		89	36 - 115
Bis(2-ethylhexyl) phthalate	100	108.8		ug/L		109	46 - 138
Butyl benzyl phthalate	100	110.1		ug/L		110	47 - 133
Chlorobenzilate	44.8	49.90		ug/L		111	39 - 145
Chrysene	100	101.7		ug/L		102	50 - 128
Diallate	51.2	53.36		ug/L		104	40 - 135
Dibenz(a,h)anthracene	100	108.1		ug/L		108	36 - 146
Dibenzofuran	100	100.5		ug/L		100	44 - 114
Diethyl phthalate	100	100.8		ug/L		101	43 - 135
Dimethoate	51.2	59.39		ug/L		116	31 - 150
Dimethyl phthalate	100	102.1		ug/L		102	46 - 129
Di-n-butyl phthalate	100	105.2		ug/L		105	49 - 138
Di-n-octyl phthalate	100	124.4		ug/L		124	33 - 148
Diphenylamine	85.0	86.39		ug/L		102	43 - 132
Disulfoton	51.2	49.84		ug/L		97	27 - 138
Ethyl methanesulfonate	44.8	42.15		ug/L		94	44 - 110
Ethyl parathion	51.2	49.01		ug/L		96	52 - 141
Famphur	51.2	76.04		ug/L		149	67 - 150
Fluoranthene	100	105.3		ug/L		105	49 - 132
Fluorene	100	99.34		ug/L		99	46 - 118
Hexachlorobenzene	100	102.8		ug/L		103	42 - 134
Hexachlorobutadiene	100	93.24		ug/L		93	29 - 110
Hexachlorocyclopentadiene	100	88.84		ug/L		89	10 - 110
Hexachloroethane	100	87.17		ug/L		87	25 - 110

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 310-483921/2-A
Matrix: Water
Analysis Batch: 483912

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 483921

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachloropropene	44.8	14.93		ug/L		33	10 - 110
Indeno(1,2,3-cd)pyrene	100	118.5		ug/L		118	36 - 149
Isodrin	44.8	40.92		ug/L		91	50 - 122
Isophorone	100	106.1		ug/L		106	46 - 126
Isosafrole	44.8	39.65		ug/L		88	10 - 129
Kepone	51.2	72.64		ug/L		142	10 - 150
Methapyrilene	51.2	20.74		ug/L		41	10 - 110
Methyl methanesulfonate	44.8	31.06		ug/L		69	16 - 110
Methyl parathion	51.2	58.16		ug/L		114	49 - 150
Nitrobenzene	100	96.86		ug/L		97	42 - 123
N-Nitrosodiethylamine	44.8	45.69		ug/L		102	51 - 116
N-Nitrosodimethylamine	100	82.34		ug/L		82	37 - 110
N-Nitrosodi-n-butylamine	44.8	45.21		ug/L		101	49 - 135
N-Nitrosodi-n-propylamine	100	95.88		ug/L		96	44 - 124
N-Nitrosodiphenylamine	100	100.8		ug/L		101	43 - 132
N-Nitrosomethylethylamine	44.8	41.49		ug/L		93	43 - 114
N-Nitrosopiperidine	44.8	47.59		ug/L		106	50 - 120
N-Nitrosopyrrolidine	44.8	44.61		ug/L		100	47 - 129
o,o',o''-Triethylphosphorothioate	51.2	48.87		ug/L		95	34 - 125
o-Toluidine	44.8	40.18		ug/L		90	19 - 128
p-Dimethylamino azobenzene	44.8	45.41		ug/L		101	45 - 133
Pentachlorobenzene	44.8	45.39		ug/L		101	27 - 112
Pentachloronitrobenzene	44.8	42.46		ug/L		95	45 - 132
Pentachlorophenol	200	184.2		ug/L		92	28 - 142
Phenacetin	44.8	49.78		ug/L		111	51 - 139
Phenanthrene	100	102.4		ug/L		102	48 - 126
Phenol	100	66.17		ug/L		66	29 - 110
Phorate	51.2	51.36		ug/L		100	21 - 147
Pronamide	44.8	43.33		ug/L		97	52 - 135
Pyrene	100	105.3		ug/L		105	45 - 134
Safrole	51.2	53.67		ug/L		105	26 - 117
Thionazin	51.2	52.20		ug/L		102	48 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorophenol (Surr)	*81*		*21 - 110*
Phenol-d5 (Surr)	*68*		*21 - 110*
Nitrobenzene-d5 (Surr)	*99*		*39 - 140*
2-Fluorobiphenyl (Surr)	*93*		*33 - 126*
2,4,6-Tribromophenol (Surr)	*118*		*20 - 144*
Terphenyl-d14 (Surr)	*106*		*13 - 150*

Lab Sample ID: LCSD 310-483921/3-A
Matrix: Water
Analysis Batch: 483912

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 483921

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4,5-Tetrachlorobenzene	100	88.61		ug/L		89	35 - 110	9	35
1,3,5-Trinitrobenzene	44.8	38.39		ug/L		86	26 - 150	1	29

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 310-483921/3-A
Matrix: Water
Analysis Batch: 483912

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 483921

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,3-Dinitrobenzene			100	41.16		ug/L		41	36 - 147	12	35
1,4-Naphthoquinone			44.8	44.86		ug/L		100	38 - 137	1	27
1,4-Phenylenediamine			44.8	<10.0	*-	ug/L		0	20 - 120	NC	35
1-Naphthylamine			44.8	18.39		ug/L		41	10 - 110	13	35
2,3,4,6-Tetrachlorophenol			100	97.39		ug/L		97	32 - 142	8	35
2,4,5-Trichlorophenol			100	94.41		ug/L		94	39 - 136	13	35
2,4,6-Trichlorophenol			100	96.36		ug/L		96	35 - 141	4	35
2,4-Dichlorophenol			100	98.68		ug/L		99	44 - 131	8	35
2,4-Dimethylphenol			100	93.88		ug/L		94	30 - 128	8	35
2,4-Dinitrophenol			200	148.2		ug/L		74	10 - 150	8	35
2,4-Dinitrotoluene			100	95.27		ug/L		95	48 - 136	9	35
2,6-Dichlorophenol			100	99.68		ug/L		100	41 - 131	9	35
2,6-Dinitrotoluene			100	100.0		ug/L		100	49 - 135	9	35
2-Acetylaminofluorene			44.8	43.56		ug/L		97	37 - 149	7	26
2-Chloronaphthalene			100	87.06		ug/L		87	33 - 112	4	35
2-Chlorophenol			100	88.15		ug/L		88	43 - 119	11	35
2-Methylnaphthalene			100	94.23		ug/L		94	35 - 110	7	35
2-Methylphenol			100	88.16		ug/L		88	47 - 114	8	35
2-Naphthylamine			44.8	30.72		ug/L		69	18 - 111	10	35
2-Nitroaniline			100	94.59		ug/L		95	48 - 135	13	35
2-Nitrophenol			100	100.1		ug/L		100	36 - 144	11	35
3,3'-Dimethylbenzidine			44.8	19.43	*1	ug/L		43	10 - 147	54	35
3-Methylcholanthrene			44.8	56.65		ug/L		126	13 - 140	14	35
3-Nitroaniline			100	97.87		ug/L		98	38 - 142	11	35
4,6-Dinitro-2-methylphenol			200	169.1		ug/L		85	22 - 150	8	35
4-Aminobiphenyl			44.8	32.55		ug/L		73	23 - 123	13	35
4-Bromophenyl phenyl ether			100	98.32		ug/L		98	41 - 131	8	35
4-Chloro-3-methylphenol			100	101.4		ug/L		101	51 - 132	5	35
4-Chloroaniline			100	95.52		ug/L		96	13 - 143	27	35
4-Chlorophenyl phenyl ether			100	91.06		ug/L		91	44 - 118	6	35
4-Methylphenol (and/or 3-Methylphenol)			100	89.23		ug/L		89	45 - 114	7	35
4-Nitroaniline			100	96.20		ug/L		96	33 - 141	6	35
4-Nitrophenol			200	175.3		ug/L		88	22 - 110	18	35
5-Nitro-o-toluidine			44.8	44.61		ug/L		100	43 - 139	8	32
7,12-Dimethylbenz(a)anthracene			44.8	38.52		ug/L		86	47 - 129	13	29
Acenaphthene			100	89.28		ug/L		89	38 - 118	8	35
Acenaphthylene			100	89.56		ug/L		90	39 - 115	10	35
Acetophenone			100	87.41		ug/L		87	47 - 118	10	35
Anthracene			100	97.43		ug/L		97	49 - 127	8	35
Benzo(a)anthracene			100	92.28		ug/L		92	49 - 126	10	35
Benzo(a)pyrene			100	98.47		ug/L		98	44 - 133	9	35
Benzo(b)fluoranthene			100	91.66		ug/L		92	44 - 136	9	35
Benzo(g,h,i)perylene			100	103.9		ug/L		104	42 - 135	10	35
Benzo(k)fluoranthene			100	95.32		ug/L		95	49 - 134	6	35
Benzyl alcohol			100	87.94		ug/L		88	46 - 123	10	35
Bis(2-chloroethoxy)methane			100	94.53		ug/L		95	44 - 126	9	35
Bis(2-chloroethyl)ether			100	80.74		ug/L		81	41 - 116	9	35
bis(2-chloroisopropyl) ether			100	83.65		ug/L		84	36 - 115	6	35

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 310-483921/3-A
Matrix: Water
Analysis Batch: 483912

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 483921

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-ethylhexyl) phthalate	100	96.51		ug/L		97	46 - 138	12	35
Butyl benzyl phthalate	100	96.95		ug/L		97	47 - 133	13	35
Chlorobenzilate	44.8	44.21		ug/L		99	39 - 145	12	28
Chrysene	100	92.28		ug/L		92	50 - 128	10	35
Diallate	51.2	53.04		ug/L		104	40 - 135	1	29
Dibenz(a,h)anthracene	100	112.4		ug/L		112	36 - 146	4	35
Dibenzofuran	100	92.45		ug/L		92	44 - 114	8	35
Diethyl phthalate	100	92.21		ug/L		92	43 - 135	9	35
Dimethoate	51.2	55.17		ug/L		108	31 - 150	7	35
Dimethyl phthalate	100	94.54		ug/L		95	46 - 129	8	35
Di-n-butyl phthalate	100	97.08		ug/L		97	49 - 138	8	35
Di-n-octyl phthalate	100	113.7		ug/L		114	33 - 148	9	35
Diphenylamine	85.0	80.48		ug/L		95	43 - 132	7	35
Disulfoton	51.2	47.29		ug/L		92	27 - 138	5	32
Ethyl methanesulfonate	44.8	37.46		ug/L		84	44 - 110	12	30
Ethyl parathion	51.2	47.52		ug/L		93	52 - 141	3	30
Famphur	51.2	72.16		ug/L		141	67 - 150	5	28
Fluoranthene	100	96.09		ug/L		96	49 - 132	9	35
Fluorene	100	92.48		ug/L		92	46 - 118	7	35
Hexachlorobenzene	100	96.15		ug/L		96	42 - 134	7	35
Hexachlorobutadiene	100	85.03		ug/L		85	29 - 110	9	35
Hexachlorocyclopentadiene	100	78.97		ug/L		79	10 - 110	12	35
Hexachloroethane	100	77.25		ug/L		77	25 - 110	12	35
Hexachloropropene	44.8	12.82		ug/L		29	10 - 110	15	35
Indeno(1,2,3-cd)pyrene	100	98.68		ug/L		99	36 - 149	18	35
Isodrin	44.8	39.44		ug/L		88	50 - 122	4	28
Isophorone	100	96.22		ug/L		96	46 - 126	10	35
Isosafrole	44.8	37.86		ug/L		85	10 - 129	5	35
Kepone	51.2	67.71		ug/L		132	10 - 150	7	35
Methapyrilene	51.2	2.417	J *- *1	ug/L		5	10 - 110	158	35
Methyl methanesulfonate	44.8	28.22		ug/L		63	16 - 110	10	28
Methyl parathion	51.2	51.89		ug/L		101	49 - 150	11	29
Nitrobenzene	100	84.59		ug/L		85	42 - 123	14	35
N-Nitrosodiethylamine	44.8	39.41		ug/L		88	51 - 116	15	27
N-Nitrosodimethylamine	100	75.64		ug/L		76	37 - 110	8	35
N-Nitrosodi-n-butylamine	44.8	38.65		ug/L		86	49 - 135	16	28
N-Nitrosodi-n-propylamine	100	89.12		ug/L		89	44 - 124	7	35
N-Nitrosodiphenylamine	100	93.89		ug/L		94	43 - 132	7	35
N-Nitrosomethylethylamine	44.8	36.42		ug/L		81	43 - 114	13	29
N-Nitrosopiperidine	44.8	43.66		ug/L		97	50 - 120	9	26
N-Nitrosopyrrolidine	44.8	40.09		ug/L		89	47 - 129	11	31
o,o',o''-Triethylphosphorothioate	51.2	45.19		ug/L		88	34 - 125	8	33
o-Toluidine	44.8	31.85		ug/L		71	19 - 128	23	35
p-Dimethylamino azobenzene	44.8	39.09		ug/L		87	45 - 133	15	31
Pentachlorobenzene	44.8	42.83		ug/L		96	27 - 112	6	35
Pentachloronitrobenzene	44.8	44.79		ug/L		100	45 - 132	5	29
Pentachlorophenol	200	168.0		ug/L		84	28 - 142	9	35
Phenacetin	44.8	45.80		ug/L		102	51 - 139	8	29
Phenanthrene	100	91.62		ug/L		92	48 - 126	11	35

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 310-483921/3-A
Matrix: Water
Analysis Batch: 483912

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 483921

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenol			100	77.89		ug/L		78	29 - 110	16	35
Phorate			51.2	47.69		ug/L		93	21 - 147	7	35
Pronamide			44.8	40.71		ug/L		91	52 - 135	6	28
Pyrene			100	94.00		ug/L		94	45 - 134	11	35
Safrole			51.2	46.76		ug/L		91	26 - 117	14	35
Thionazin			51.2	46.40		ug/L		91	48 - 135	12	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorophenol (Surr)	*80*		*21 - 110*
Phenol-d5 (Surr)	*76*		*21 - 110*
Nitrobenzene-d5 (Surr)	*84*		*39 - 140*
2-Fluorobiphenyl (Surr)	*83*		*33 - 126*
2,4,6-Tribromophenol (Surr)	*99*		*20 - 144*
Terphenyl-d14 (Surr)	*93*		*13 - 150*

Method: 8015C - Nonhalogenated Organic using GC/FID (Direct Aqueous Injection)

Lab Sample ID: MB 310-484184/4
Matrix: Water
Analysis Batch: 484184

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	<10.0		10.0	2.60	mg/L			03/26/26 12:55	1
Isobutanol	<10.0		10.0	2.40	mg/L			03/26/26 12:55	1

Lab Sample ID: LCS 310-484184/5
Matrix: Water
Analysis Batch: 484184

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetonitrile			94.9	88.17		mg/L		93	57 - 139
Isobutanol			98.8	92.95		mg/L		94	78 - 124

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: LB 310-483538/1-D
Matrix: Water
Analysis Batch: 484179

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 484120

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.0954		0.0954	0.0210	ug/L		03/25/26 15:00	03/26/26 14:16	1
alpha-BHC	<0.0954		0.0954	0.00954	ug/L		03/25/26 15:00	03/26/26 14:16	1
beta-BHC	<0.0954		0.0954	0.0401	ug/L		03/25/26 15:00	03/26/26 14:16	1
gamma-BHC (Lindane)	<0.0954		0.0954	0.00954	ug/L		03/25/26 15:00	03/26/26 14:16	1
Chlordane (technical)	<1.91		1.91	0.372	ug/L		03/25/26 15:00	03/26/26 14:16	1
delta-BHC	<0.0954		0.0954	0.0305	ug/L		03/25/26 15:00	03/26/26 14:16	1
Dieldrin	<0.0954		0.0954	0.0200	ug/L		03/25/26 15:00	03/26/26 14:16	1
4,4'-DDD	<0.0954		0.0954	0.0238	ug/L		03/25/26 15:00	03/26/26 14:16	1
4,4'-DDE	<0.0954		0.0954	0.0286	ug/L		03/25/26 15:00	03/26/26 14:16	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LB 310-483538/1-D
Matrix: Water
Analysis Batch: 484179

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 484120

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	<0.0954		0.0954	0.0191	ug/L		03/25/26 15:00	03/26/26 14:16	1
Endosulfan I	<0.0954		0.0954	0.0267	ug/L		03/25/26 15:00	03/26/26 14:16	1
Endosulfan II	<0.0954		0.0954	0.0248	ug/L		03/25/26 15:00	03/26/26 14:16	1
Endosulfan sulfate	<0.0954		0.0954	0.0172	ug/L		03/25/26 15:00	03/26/26 14:16	1
Endrin	<0.0954		0.0954	0.0267	ug/L		03/25/26 15:00	03/26/26 14:16	1
Endrin aldehyde	<0.0954		0.0954	0.0257	ug/L		03/25/26 15:00	03/26/26 14:16	1
Heptachlor	0.03693	J	0.0954	0.0219	ug/L		03/25/26 15:00	03/26/26 14:16	1
Heptachlor epoxide	<0.0954		0.0954	0.0305	ug/L		03/25/26 15:00	03/26/26 14:16	1
Methoxychlor	0.1875		0.0954	0.0305	ug/L		03/25/26 15:00	03/26/26 14:16	1
Toxaphene	<1.91		1.91	0.954	ug/L		03/25/26 15:00	03/26/26 14:16	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*71*		*10 - 150*	*03/25/26 15:00*	*03/26/26 14:16*	*1*
Tetrachloro-m-xylene (Surr)	*80*		*17 - 150*	*03/25/26 15:00*	*03/26/26 14:16*	*1*

Lab Sample ID: MB 310-484120/1-A
Matrix: Water
Analysis Batch: 484179

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 484120

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.0989		0.0989	0.0218	ug/L		03/25/26 15:00	03/26/26 13:49	1
alpha-BHC	<0.0989		0.0989	0.00989	ug/L		03/25/26 15:00	03/26/26 13:49	1
beta-BHC	<0.0989		0.0989	0.0415	ug/L		03/25/26 15:00	03/26/26 13:49	1
gamma-BHC (Lindane)	<0.0989		0.0989	0.00989	ug/L		03/25/26 15:00	03/26/26 13:49	1
Chlordane (technical)	<1.98		1.98	0.386	ug/L		03/25/26 15:00	03/26/26 13:49	1
delta-BHC	<0.0989		0.0989	0.0316	ug/L		03/25/26 15:00	03/26/26 13:49	1
Dieldrin	<0.0989		0.0989	0.0208	ug/L		03/25/26 15:00	03/26/26 13:49	1
4,4'-DDD	<0.0989		0.0989	0.0247	ug/L		03/25/26 15:00	03/26/26 13:49	1
4,4'-DDE	<0.0989		0.0989	0.0297	ug/L		03/25/26 15:00	03/26/26 13:49	1
4,4'-DDT	<0.0989		0.0989	0.0198	ug/L		03/25/26 15:00	03/26/26 13:49	1
Endosulfan I	<0.0989		0.0989	0.0277	ug/L		03/25/26 15:00	03/26/26 13:49	1
Endosulfan II	<0.0989		0.0989	0.0257	ug/L		03/25/26 15:00	03/26/26 13:49	1
Endosulfan sulfate	<0.0989		0.0989	0.0178	ug/L		03/25/26 15:00	03/26/26 13:49	1
Endrin	<0.0989		0.0989	0.0277	ug/L		03/25/26 15:00	03/26/26 13:49	1
Endrin aldehyde	<0.0989		0.0989	0.0267	ug/L		03/25/26 15:00	03/26/26 13:49	1
Heptachlor	<0.0989		0.0989	0.0227	ug/L		03/25/26 15:00	03/26/26 13:49	1
Heptachlor epoxide	<0.0989		0.0989	0.0316	ug/L		03/25/26 15:00	03/26/26 13:49	1
Methoxychlor	<0.0989		0.0989	0.0316	ug/L		03/25/26 15:00	03/26/26 13:49	1
Toxaphene	<1.98		1.98	0.989	ug/L		03/25/26 15:00	03/26/26 13:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*67*		*10 - 150*	*03/25/26 15:00*	*03/26/26 13:49*	*1*
Tetrachloro-m-xylene (Surr)	*72*		*17 - 150*	*03/25/26 15:00*	*03/26/26 13:49*	*1*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 310-484120/2-A
Matrix: Water
Analysis Batch: 484179

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 484120

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aldrin	2.78	1.837		ug/L		66	10 - 146
alpha-BHC	2.78	2.452		ug/L		88	57 - 149
beta-BHC	2.78	2.613		ug/L		94	53 - 145
gamma-BHC (Lindane)	2.78	2.565		ug/L		92	57 - 150
delta-BHC	2.78	2.469		ug/L		89	49 - 148
Dieldrin	2.78	2.553		ug/L		92	43 - 150
4,4'-DDD	2.78	2.583		ug/L		93	28 - 150
4,4'-DDE	2.78	2.287		ug/L		82	10 - 150
4,4'-DDT	2.78	2.373		ug/L		85	10 - 150
Endosulfan I	2.78	1.901		ug/L		68	26 - 133
Endosulfan II	2.78	1.993		ug/L		72	38 - 139
Endosulfan sulfate	2.78	2.586		ug/L		93	54 - 150
Endrin	2.78	2.833		ug/L		102	41 - 150
Endrin aldehyde	2.78	2.488		ug/L		90	42 - 147
Heptachlor	2.78	2.195		ug/L		79	16 - 135
Heptachlor epoxide	2.78	2.727		ug/L		98	49 - 150
Methoxychlor	2.78	3.661		ug/L		132	16 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*34*		*10 - 150*
Tetrachloro-m-xylene (Surr)	*68*		*17 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 310-484328/1-A
Matrix: Water
Analysis Batch: 484291

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 484328

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<1.99		1.99	0.815	ug/L		03/27/26 11:29	03/27/26 13:03	1
PCB-1221	<1.99		1.99	0.815	ug/L		03/27/26 11:29	03/27/26 13:03	1
PCB-1232	<1.99		1.99	0.815	ug/L		03/27/26 11:29	03/27/26 13:03	1
PCB-1242	<1.99		1.99	0.815	ug/L		03/27/26 11:29	03/27/26 13:03	1
PCB-1248	<1.99		1.99	0.686	ug/L		03/27/26 11:29	03/27/26 13:03	1
PCB-1254	<1.99		1.99	0.686	ug/L		03/27/26 11:29	03/27/26 13:03	1
PCB-1260	<1.99		1.99	0.686	ug/L		03/27/26 11:29	03/27/26 13:03	1
PCB-1268	<1.99		1.99	0.686	ug/L		03/27/26 11:29	03/27/26 13:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*48*		*10 - 150*	*03/27/26 11:29*	*03/27/26 13:03*	*1*
Tetrachloro-m-xylene (Surr)	*89*		*17 - 150*	*03/27/26 11:29*	*03/27/26 13:03*	*1*

Lab Sample ID: LCS 310-484328/12-A
Matrix: Water
Analysis Batch: 484291

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 484328

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	28.2	19.88		ug/L		70	25 - 150

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 310-484328/12-A
Matrix: Water
Analysis Batch: 484291

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 484328

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1260			28.2	18.92		ug/L		67	14 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*11*		*10 - 150*
Tetrachloro-m-xylene (Surr)	*72*		*17 - 150*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 500-858766/1-A
Matrix: Water
Analysis Batch: 858840

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 858766

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<1.00		1.00	0.126	ug/L		03/25/26 09:25	03/25/26 23:09	1
Silvex (2,4,5-TP)	<1.00		1.00	0.105	ug/L		03/25/26 09:25	03/25/26 23:09	1
2,4,5-T	<1.00		1.00	0.140	ug/L		03/25/26 09:25	03/25/26 23:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DICHLOROPHENYLACETICACID24-	*47*		*25 - 130*	*03/25/26 09:25*	*03/25/26 23:09*	*1*

Lab Sample ID: LCS 500-858766/2-A
Matrix: Water
Analysis Batch: 858840

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 858766

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4-D			10.1	7.418		ug/L		74	30 - 115		
Silvex (2,4,5-TP)			2.50	2.108		ug/L		84	32 - 115		
2,4,5-T			2.53	2.041		ug/L		81	30 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DICHLOROPHENYLACETICACID24-	*94*		*25 - 130*

Lab Sample ID: LCSD 500-858766/3-A
Matrix: Water
Analysis Batch: 858840

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 858766

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-D			10.1	6.949		ug/L		69	30 - 115	7	20
Silvex (2,4,5-TP)			2.50	1.995		ug/L		80	32 - 115	6	20
2,4,5-T			2.53	1.931		ug/L		76	30 - 115	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DICHLOROPHENYLACETICACID24-	*68*		*25 - 130*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 310-483897/1-A
Matrix: Water
Analysis Batch: 484162

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 483897

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		03/24/26 08:29	03/25/26 14:40	1
Arsenic	<0.00200		0.00200	0.000530	mg/L		03/24/26 08:29	03/25/26 14:40	1
Barium	<0.00200		0.00200	0.000660	mg/L		03/24/26 08:29	03/25/26 14:40	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/24/26 08:29	03/25/26 14:40	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		03/24/26 08:29	03/25/26 14:40	1
Chromium	<0.00500		0.00500	0.00180	mg/L		03/24/26 08:29	03/25/26 14:40	1
Cobalt	<0.000500		0.000500	0.000170	mg/L		03/24/26 08:29	03/25/26 14:40	1
Copper	<0.00500		0.00500	0.00320	mg/L		03/24/26 08:29	03/25/26 14:40	1
Nickel	<0.00500		0.00500	0.00230	mg/L		03/24/26 08:29	03/25/26 14:40	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/24/26 08:29	03/25/26 14:40	1
Thallium	<0.00100	^1+	0.00100	0.000570	mg/L		03/24/26 08:29	03/25/26 14:40	1
Tin	<0.00500		0.00500	0.00250	mg/L		03/24/26 08:29	03/25/26 14:40	1
Vanadium	<0.00500		0.00500	0.00170	mg/L		03/24/26 08:29	03/25/26 14:40	1
Zinc	<0.0200		0.0200	0.0130	mg/L		03/24/26 08:29	03/25/26 14:40	1

Lab Sample ID: MB 310-483897/1-A
Matrix: Water
Analysis Batch: 484302

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 483897

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.000500		0.000500	0.000330	mg/L		03/24/26 08:29	03/26/26 15:42	1
Silver	<0.00100		0.00100	0.000500	mg/L		03/24/26 08:29	03/26/26 15:42	1

Lab Sample ID: LCS 310-483897/2-A
Matrix: Water
Analysis Batch: 484162

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 483897

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.200	0.2160		mg/L		108	80 - 120
Arsenic	0.200	0.1946		mg/L		97	80 - 120
Barium	0.100	0.1029		mg/L		103	80 - 120
Beryllium	0.100	0.1073		mg/L		107	80 - 120
Cadmium	0.100	0.1005		mg/L		100	80 - 120
Chromium	0.100	0.1107		mg/L		111	80 - 120
Cobalt	0.100	0.1044		mg/L		104	80 - 120
Copper	0.200	0.2250		mg/L		112	80 - 120
Nickel	0.200	0.2227		mg/L		111	80 - 120
Selenium	0.400	0.3991		mg/L		100	80 - 120
Thallium	0.100	0.1013	^1+	mg/L		101	80 - 120
Tin	0.200	0.1945		mg/L		97	80 - 120
Vanadium	0.100	0.1077		mg/L		108	80 - 120
Zinc	0.200	0.1941		mg/L		97	80 - 120

Lab Sample ID: LCS 310-483897/2-A
Matrix: Water
Analysis Batch: 484302

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 483897

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.200	0.2053		mg/L		103	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 310-483897/2-A
Matrix: Water
Analysis Batch: 484302

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 483897

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.100	0.1259	*+	mg/L		126	80 - 120

Lab Sample ID: MB 310-483898/1-A
Matrix: Water
Analysis Batch: 484162

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 483898

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		03/24/26 08:35	03/25/26 16:07	1
Arsenic	<0.00200		0.00200	0.000530	mg/L		03/24/26 08:35	03/25/26 16:07	1
Barium	<0.00200		0.00200	0.000660	mg/L		03/24/26 08:35	03/25/26 16:07	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/24/26 08:35	03/25/26 16:07	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		03/24/26 08:35	03/25/26 16:07	1
Chromium	<0.00500		0.00500	0.00180	mg/L		03/24/26 08:35	03/25/26 16:07	1
Cobalt	<0.000500		0.000500	0.000170	mg/L		03/24/26 08:35	03/25/26 16:07	1
Copper	<0.00500		0.00500	0.00320	mg/L		03/24/26 08:35	03/25/26 16:07	1
Nickel	<0.00500		0.00500	0.00230	mg/L		03/24/26 08:35	03/25/26 16:07	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/24/26 08:35	03/25/26 16:07	1
Thallium	<0.00100	^1+	0.00100	0.000570	mg/L		03/24/26 08:35	03/25/26 16:07	1
Vanadium	<0.00500		0.00500	0.00170	mg/L		03/24/26 08:35	03/25/26 16:07	1
Zinc	<0.0200		0.0200	0.0130	mg/L		03/24/26 08:35	03/25/26 16:07	1

Lab Sample ID: MB 310-483898/1-A
Matrix: Water
Analysis Batch: 484245

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 483898

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.0003640	J	0.000500	0.000330	mg/L		03/24/26 08:35	03/26/26 13:54	1
Silver	<0.00100		0.00100	0.000500	mg/L		03/24/26 08:35	03/26/26 13:54	1

Lab Sample ID: MB 310-483898/1-A
Matrix: Water
Analysis Batch: 484355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 483898

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.000500		0.000500	0.000330	mg/L		03/24/26 08:35	03/27/26 15:43	1

Lab Sample ID: LCS 310-483898/2-A
Matrix: Water
Analysis Batch: 484162

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 483898

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.200	0.2031		mg/L		102	80 - 120
Arsenic	0.200	0.1889		mg/L		94	80 - 120
Barium	0.100	0.09957		mg/L		100	80 - 120
Beryllium	0.100	0.1053		mg/L		105	80 - 120
Cadmium	0.100	0.09796		mg/L		98	80 - 120
Chromium	0.100	0.1068		mg/L		107	80 - 120
Cobalt	0.100	0.1012		mg/L		101	80 - 120
Copper	0.200	0.2183		mg/L		109	80 - 120
Nickel	0.200	0.2161		mg/L		108	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 310-483898/2-A
Matrix: Water
Analysis Batch: 484162

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 483898

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.400	0.3989		mg/L		100	80 - 120
Thallium	0.100	0.1005	^1+	mg/L		100	80 - 120
Vanadium	0.100	0.1041		mg/L		104	80 - 120
Zinc	0.200	0.1862		mg/L		93	80 - 120

Lab Sample ID: LCS 310-483898/2-A
Matrix: Water
Analysis Batch: 484245

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 483898

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.200	0.1999		mg/L		100	80 - 120
Silver	0.100	0.1139		mg/L		114	80 - 120

Lab Sample ID: LCS 310-483898/2-A
Matrix: Water
Analysis Batch: 484355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 483898

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.200	0.2362		mg/L		118	80 - 120

Lab Sample ID: 310-327931-8 MS
Matrix: Water
Analysis Batch: 484162

Client Sample ID: PZ-13
Prep Type: Total/NA
Prep Batch: 483898

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00200		0.200	0.2132		mg/L		107	75 - 125
Arsenic	0.00177	J	0.200	0.2072		mg/L		103	75 - 125
Barium	0.317		0.100	0.4309		mg/L		114	75 - 125
Beryllium	<0.00100		0.100	0.1112		mg/L		111	75 - 125
Cadmium	<0.000200		0.100	0.1037		mg/L		104	75 - 125
Chromium	<0.00500		0.100	0.1106		mg/L		111	75 - 125
Cobalt	<0.000500		0.100	0.1025		mg/L		103	75 - 125
Copper	<0.00500		0.200	0.2179		mg/L		109	75 - 125
Nickel	<0.00500		0.200	0.2177		mg/L		109	75 - 125
Selenium	<0.00500		0.400	0.4229		mg/L		106	75 - 125
Vanadium	<0.00500		0.100	0.1103		mg/L		110	75 - 125
Zinc	<0.0200		0.200	0.2008		mg/L		100	75 - 125

Lab Sample ID: 310-327931-8 MS
Matrix: Water
Analysis Batch: 484245

Client Sample ID: PZ-13
Prep Type: Total/NA
Prep Batch: 483898

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	<0.000500		0.200	0.2005		mg/L		100	75 - 125
Silver	<0.00100		0.100	0.1180		mg/L		118	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-327931-8 MSD
Matrix: Water
Analysis Batch: 484162

Client Sample ID: PZ-13
Prep Type: Total/NA
Prep Batch: 483898

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00200		0.200	0.2112		mg/L		106	75 - 125	1	20
Arsenic	0.00177	J	0.200	0.2078		mg/L		103	75 - 125	0	20
Barium	0.317		0.100	0.4292		mg/L		112	75 - 125	0	20
Beryllium	<0.00100		0.100	0.1107		mg/L		111	75 - 125	0	20
Cadmium	<0.000200		0.100	0.1036		mg/L		104	75 - 125	0	20
Chromium	<0.00500		0.100	0.1098		mg/L		110	75 - 125	1	20
Cobalt	<0.000500		0.100	0.1016		mg/L		102	75 - 125	1	20
Copper	<0.00500		0.200	0.2101		mg/L		105	75 - 125	4	20
Nickel	<0.00500		0.200	0.2162		mg/L		108	75 - 125	1	20
Selenium	<0.00500		0.400	0.4206		mg/L		105	75 - 125	1	20
Vanadium	<0.00500		0.100	0.1094		mg/L		109	75 - 125	1	20
Zinc	<0.0200		0.200	0.1994		mg/L		100	75 - 125	1	20

Lab Sample ID: 310-327931-8 MSD
Matrix: Water
Analysis Batch: 484245

Client Sample ID: PZ-13
Prep Type: Total/NA
Prep Batch: 483898

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	<0.000500		0.200	0.1971		mg/L		99	75 - 125	2	20
Silver	<0.00100		0.100	0.1198		mg/L		120	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-859026/12-A
Matrix: Water
Analysis Batch: 859216

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 859026

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.200		0.200	0.0760	ug/L		03/26/26 12:10	03/27/26 08:06	1

Lab Sample ID: LCS 500-859026/13-A
Matrix: Water
Analysis Batch: 859216

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 859026

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			2.00	1.979		ug/L		99	80 - 120		

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 310-483831/1-A
Matrix: Water
Analysis Batch: 484112

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 483831

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0100		0.0100	0.00350	mg/L		03/23/26 08:45	03/25/26 13:50	1

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: LCS 310-483831/2-A
Matrix: Water
Analysis Batch: 484112

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 483831

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.200	0.1990		mg/L		100	90 - 110

Method: 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 500-858781/1
Matrix: Water
Analysis Batch: 858781

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.00		1.00	0.231	mg/L			03/25/26 10:21	1

Lab Sample ID: LCS 500-858781/2
Matrix: Water
Analysis Batch: 858781

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	3.81	3.808		mg/L		100	80 - 120

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-483959/1
Matrix: Water
Analysis Batch: 483959

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	2.80	mg/L			03/24/26 10:30	1

Lab Sample ID: LCS 310-483959/2
Matrix: Water
Analysis Batch: 483959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	96.00		mg/L		96	82 - 117

Lab Sample ID: MB 310-483965/1
Matrix: Water
Analysis Batch: 483965

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	2.80	mg/L			03/24/26 11:08	1

Lab Sample ID: LCS 310-483965/2
Matrix: Water
Analysis Batch: 483965

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	93.00		mg/L		93	82 - 117

Method: I-3765-85 - Residue, Non-filterable (TSS) (Continued)

Lab Sample ID: 310-327931-5 DU
Matrix: Water
Analysis Batch: 483965

Client Sample ID: MW-58
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Suspended Solids	61.0			57.00		mg/L				7	35

Lab Sample ID: MB 310-484069/1
Matrix: Water
Analysis Batch: 484069

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	2.80	mg/L			03/25/26 10:53	1

Lab Sample ID: LCS 310-484069/2
Matrix: Water
Analysis Batch: 484069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Suspended Solids			100	93.00		mg/L		93	82 - 117		

Method: SM 5310C - TOC

Lab Sample ID: MB 310-484005/11
Matrix: Water
Analysis Batch: 484005

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	<1.00		1.00	0.500	mg/L			03/24/26 11:10	1

Lab Sample ID: LCS 310-484005/12
Matrix: Water
Analysis Batch: 484005

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			9.99	10.06		mg/L		101	85 - 115		

QC Association Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-327931-1

GC/MS VOA

Analysis Batch: 484067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-1	MW-28	Total/NA	Water	8260D	
310-327931-2	MW-56	Total/NA	Water	8260D	
310-327931-3	MW-73	Total/NA	Water	8260D	
310-327931-5	MW-58	Total/NA	Water	8260D	
310-327931-6	MW-57R	Total/NA	Water	8260D	
310-327931-7	MW-31R	Total/NA	Water	8260D	
310-327931-8	PZ-13	Total/NA	Water	8260D	
MB 310-484067/6	Method Blank	Total/NA	Water	8260D	
LCS 310-484067/7	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-484067/8	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 484076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-9	MW-32R	Total/NA	Water	8260D	
310-327931-10	MW-33R	Total/NA	Water	8260D	
310-327931-11	TB-4	Total/NA	Water	8260D	
310-327931-12	TB-1	Total/NA	Water	8260D	
MB 310-484076/6	Method Blank	Total/NA	Water	8260D	
LCS 310-484076/7	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-484076/8	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Analysis Batch: 483912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-6	MW-57R	Total/NA	Water	8270E	483921
MB 310-483921/1-A	Method Blank	Total/NA	Water	8270E	483921
LCS 310-483921/2-A	Lab Control Sample	Total/NA	Water	8270E	483921
LCSD 310-483921/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	483921

Prep Batch: 483921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-6	MW-57R	Total/NA	Water	3510C	
MB 310-483921/1-A	Method Blank	Total/NA	Water	3510C	
LCS 310-483921/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 310-483921/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

GC Semi VOA

Leach Batch: 483538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 310-483538/1-D	Method Blank	Total/NA	Water	1311	

Prep Batch: 484120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-6	MW-57R	Total/NA	Water	3511	
LB 310-483538/1-D	Method Blank	Total/NA	Water	3511	483538
MB 310-484120/1-A	Method Blank	Total/NA	Water	3511	
LCS 310-484120/2-A	Lab Control Sample	Total/NA	Water	3511	

GC Semi VOA

Analysis Batch: 484179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 310-483538/1-D	Method Blank	Total/NA	Water	8081B	484120
MB 310-484120/1-A	Method Blank	Total/NA	Water	8081B	484120
LCS 310-484120/2-A	Lab Control Sample	Total/NA	Water	8081B	484120

Analysis Batch: 484184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-6	MW-57R	Total/NA	Water	8015C	
MB 310-484184/4	Method Blank	Total/NA	Water	8015C	
LCS 310-484184/5	Lab Control Sample	Total/NA	Water	8015C	

Analysis Batch: 484288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-6	MW-57R	Total/NA	Water	8081B	484120

Analysis Batch: 484291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-6	MW-57R	Total/NA	Water	8082A	484328
MB 310-484328/1-A	Method Blank	Total/NA	Water	8082A	484328
LCS 310-484328/12-A	Lab Control Sample	Total/NA	Water	8082A	484328

Prep Batch: 484328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-6	MW-57R	Total/NA	Water	3511	
MB 310-484328/1-A	Method Blank	Total/NA	Water	3511	
LCS 310-484328/12-A	Lab Control Sample	Total/NA	Water	3511	

Prep Batch: 858766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-6	MW-57R	Total/NA	Water	8151A	
MB 500-858766/1-A	Method Blank	Total/NA	Water	8151A	
LCS 500-858766/2-A	Lab Control Sample	Total/NA	Water	8151A	
LCSD 500-858766/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	

Analysis Batch: 858840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-6	MW-57R	Total/NA	Water	8151A	858766
MB 500-858766/1-A	Method Blank	Total/NA	Water	8151A	858766
LCS 500-858766/2-A	Lab Control Sample	Total/NA	Water	8151A	858766
LCSD 500-858766/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	858766

Metals

Prep Batch: 483897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-1	MW-28	Total/NA	Water	3005A	
310-327931-2	MW-56	Total/NA	Water	3005A	
310-327931-3	MW-73	Total/NA	Water	3005A	
310-327931-4	MW-60	Total/NA	Water	3005A	
310-327931-5	MW-58	Total/NA	Water	3005A	
310-327931-6	MW-57R	Total/NA	Water	3005A	
310-327931-7	MW-31R	Total/NA	Water	3005A	

Metals (Continued)

Prep Batch: 483897 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 310-483897/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-483897/2-A	Lab Control Sample	Total/NA	Water	3005A	

Prep Batch: 483898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-8	PZ-13	Total/NA	Water	3005A	
310-327931-9	MW-32R	Total/NA	Water	3005A	
310-327931-10	MW-33R	Total/NA	Water	3005A	
MB 310-483898/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-483898/2-A	Lab Control Sample	Total/NA	Water	3005A	
310-327931-8 MS	PZ-13	Total/NA	Water	3005A	
310-327931-8 MSD	PZ-13	Total/NA	Water	3005A	

Analysis Batch: 484162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-1	MW-28	Total/NA	Water	6020B	483897
310-327931-2	MW-56	Total/NA	Water	6020B	483897
310-327931-3	MW-73	Total/NA	Water	6020B	483897
310-327931-4	MW-60	Total/NA	Water	6020B	483897
310-327931-5	MW-58	Total/NA	Water	6020B	483897
310-327931-6	MW-57R	Total/NA	Water	6020B	483897
310-327931-7	MW-31R	Total/NA	Water	6020B	483897
310-327931-8	PZ-13	Total/NA	Water	6020B	483898
310-327931-9	MW-32R	Total/NA	Water	6020B	483898
310-327931-10	MW-33R	Total/NA	Water	6020B	483898
MB 310-483897/1-A	Method Blank	Total/NA	Water	6020B	483897
MB 310-483898/1-A	Method Blank	Total/NA	Water	6020B	483898
LCS 310-483897/2-A	Lab Control Sample	Total/NA	Water	6020B	483897
LCS 310-483898/2-A	Lab Control Sample	Total/NA	Water	6020B	483898
310-327931-8 MS	PZ-13	Total/NA	Water	6020B	483898
310-327931-8 MSD	PZ-13	Total/NA	Water	6020B	483898

Analysis Batch: 484245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-9	MW-32R	Total/NA	Water	6020B	483898
310-327931-10	MW-33R	Total/NA	Water	6020B	483898
MB 310-483898/1-A	Method Blank	Total/NA	Water	6020B	483898
LCS 310-483898/2-A	Lab Control Sample	Total/NA	Water	6020B	483898
310-327931-8 MS	PZ-13	Total/NA	Water	6020B	483898
310-327931-8 MSD	PZ-13	Total/NA	Water	6020B	483898

Analysis Batch: 484302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-1	MW-28	Total/NA	Water	6020B	483897
310-327931-2	MW-56	Total/NA	Water	6020B	483897
310-327931-3	MW-73	Total/NA	Water	6020B	483897
310-327931-5	MW-58	Total/NA	Water	6020B	483897
310-327931-6	MW-57R	Total/NA	Water	6020B	483897
310-327931-7	MW-31R	Total/NA	Water	6020B	483897
MB 310-483897/1-A	Method Blank	Total/NA	Water	6020B	483897
LCS 310-483897/2-A	Lab Control Sample	Total/NA	Water	6020B	483897

Metals

Analysis Batch: 484355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-9	MW-32R	Total/NA	Water	6020B	483898
MB 310-483898/1-A	Method Blank	Total/NA	Water	6020B	483898
LCS 310-483898/2-A	Lab Control Sample	Total/NA	Water	6020B	483898

Prep Batch: 859026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-6	MW-57R	Total/NA	Water	7470A	
MB 500-859026/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-859026/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 859216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-6	MW-57R	Total/NA	Water	7470A	859026
MB 500-859026/12-A	Method Blank	Total/NA	Water	7470A	859026
LCS 500-859026/13-A	Lab Control Sample	Total/NA	Water	7470A	859026

General Chemistry

Prep Batch: 483831

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-6	MW-57R	Total/NA	Water	9012B	
MB 310-483831/1-A	Method Blank	Total/NA	Water	9012B	
LCS 310-483831/2-A	Lab Control Sample	Total/NA	Water	9012B	

Analysis Batch: 483959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-1	MW-28	Total/NA	Water	I-3765-85	
310-327931-3	MW-73	Total/NA	Water	I-3765-85	
310-327931-4	MW-60	Total/NA	Water	I-3765-85	
310-327931-6	MW-57R	Total/NA	Water	I-3765-85	
310-327931-7	MW-31R	Total/NA	Water	I-3765-85	
MB 310-483959/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-483959/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Analysis Batch: 483965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-2	MW-56	Total/NA	Water	I-3765-85	
310-327931-5	MW-58	Total/NA	Water	I-3765-85	
310-327931-8	PZ-13	Total/NA	Water	I-3765-85	
MB 310-483965/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-483965/2	Lab Control Sample	Total/NA	Water	I-3765-85	
310-327931-5 DU	MW-58	Total/NA	Water	I-3765-85	

Analysis Batch: 484005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-3	MW-73	Total/NA	Water	SM 5310C	
310-327931-5	MW-58	Total/NA	Water	SM 5310C	
310-327931-6	MW-57R	Total/NA	Water	SM 5310C	
310-327931-7	MW-31R	Total/NA	Water	SM 5310C	
310-327931-9	MW-32R	Total/NA	Water	SM 5310C	
310-327931-10	MW-33R	Total/NA	Water	SM 5310C	

General Chemistry (Continued)

Analysis Batch: 484005 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 310-484005/11	Method Blank	Total/NA	Water	SM 5310C	
LCS 310-484005/12	Lab Control Sample	Total/NA	Water	SM 5310C	

Analysis Batch: 484069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-9	MW-32R	Total/NA	Water	I-3765-85	
310-327931-10	MW-33R	Total/NA	Water	I-3765-85	
MB 310-484069/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-484069/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Analysis Batch: 484112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-6	MW-57R	Total/NA	Water	9012B	483831
MB 310-483831/1-A	Method Blank	Total/NA	Water	9012B	483831
LCS 310-483831/2-A	Lab Control Sample	Total/NA	Water	9012B	483831

Analysis Batch: 858781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-327931-6	MW-57R	Total/NA	Water	9034	
MB 500-858781/1	Method Blank	Total/NA	Water	9034	
LCS 500-858781/2	Lab Control Sample	Total/NA	Water	9034	

Lab Chronicle

Client: HDR Inc
Job ID: 310-327931-1
Project/Site: Metro Park EAST-Landfill

Client Sample ID: MW-28
Lab Sample ID: 310-327931-1
Date Collected: 03/19/26 11:56
Matrix: Water
Date Received: 03/20/26 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	484067	WSE8	EET CF	03/26/26 00:44
Total/NA	Prep	3005A			483897	F8JX	EET CF	03/24/26 08:29
Total/NA	Analysis	6020B		1	484302	ZRI4	EET CF	03/26/26 16:31
Total/NA	Prep	3005A			483897	F8JX	EET CF	03/24/26 08:29
Total/NA	Analysis	6020B		1	484162	NFT2	EET CF	03/25/26 15:38
Total/NA	Analysis	I-3765-85		1	483959	DGU1	EET CF	03/24/26 10:30

Client Sample ID: MW-56
Lab Sample ID: 310-327931-2
Date Collected: 03/19/26 12:57
Matrix: Water
Date Received: 03/20/26 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	484067	WSE8	EET CF	03/26/26 01:06
Total/NA	Prep	3005A			483897	F8JX	EET CF	03/24/26 08:29
Total/NA	Analysis	6020B		1	484302	ZRI4	EET CF	03/26/26 16:34
Total/NA	Prep	3005A			483897	F8JX	EET CF	03/24/26 08:29
Total/NA	Analysis	6020B		1	484162	NFT2	EET CF	03/25/26 15:41
Total/NA	Analysis	I-3765-85		1	483965	DGU1	EET CF	03/24/26 11:08

Client Sample ID: MW-73
Lab Sample ID: 310-327931-3
Date Collected: 03/19/26 15:43
Matrix: Water
Date Received: 03/20/26 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	484067	WSE8	EET CF	03/26/26 01:28
Total/NA	Prep	3005A			483897	F8JX	EET CF	03/24/26 08:29
Total/NA	Analysis	6020B		1	484302	ZRI4	EET CF	03/26/26 16:36
Total/NA	Prep	3005A			483897	F8JX	EET CF	03/24/26 08:29
Total/NA	Analysis	6020B		1	484162	NFT2	EET CF	03/25/26 15:49
Total/NA	Analysis	I-3765-85		1	483959	DGU1	EET CF	03/24/26 10:30
Total/NA	Analysis	SM 5310C		1	484005	DGU1	EET CF	03/24/26 23:11

Client Sample ID: MW-60
Lab Sample ID: 310-327931-4
Date Collected: 03/19/26 16:15
Matrix: Water
Date Received: 03/20/26 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3005A			483897	F8JX	EET CF	03/24/26 08:29
Total/NA	Analysis	6020B		1	484162	NFT2	EET CF	03/25/26 15:52
Total/NA	Analysis	I-3765-85		1	483959	DGU1	EET CF	03/24/26 10:30

Lab Chronicle

Client: HDR Inc
Job ID: 310-327931-1
Project/Site: Metro Park EAST-Landfill

Client Sample ID: MW-58
Lab Sample ID: 310-327931-5
Date Collected: 03/19/26 16:48
Matrix: Water
Date Received: 03/20/26 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	484067	WSE8	EET CF	03/26/26 01:50
Total/NA	Prep	3005A			483897	F8JX	EET CF	03/24/26 08:29
Total/NA	Analysis	6020B		1	484302	ZRI4	EET CF	03/26/26 16:44
Total/NA	Prep	3005A			483897	F8JX	EET CF	03/24/26 08:29
Total/NA	Analysis	6020B		1	484162	NFT2	EET CF	03/25/26 15:55
Total/NA	Analysis	I-3765-85		1	483965	DGU1	EET CF	03/24/26 11:08
Total/NA	Analysis	SM 5310C		1	484005	DGU1	EET CF	03/24/26 23:47

Client Sample ID: MW-57R
Lab Sample ID: 310-327931-6
Date Collected: 03/19/26 18:06
Matrix: Water
Date Received: 03/20/26 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	484067	WSE8	EET CF	03/26/26 02:12
Total/NA	Prep	3510C			483921	J5BR	EET CF	03/24/26 07:11
Total/NA	Analysis	8270E		1	483912	V7YZ	EET CF	03/24/26 18:09
Total/NA	Analysis	8015C		1	484184	D2YP	EET CF	03/26/26 15:24
Total/NA	Prep	3511			484120	BW2O	EET CF	03/25/26 15:00
Total/NA	Analysis	8081B		1	484288	BW2O	EET CF	03/27/26 10:37
Total/NA	Prep	3511			484328	BW2O	EET CF	03/27/26 11:29
Total/NA	Analysis	8082A		1	484291	BW2O	EET CF	03/27/26 14:21
Total/NA	Prep	8151A			858766	FRG	EET CHI	03/25/26 09:25
Total/NA	Analysis	8151A		1	858840	H7CM	EET CHI	03/26/26 02:22
Total/NA	Prep	3005A			483897	F8JX	EET CF	03/24/26 08:29
Total/NA	Analysis	6020B		1	484302	ZRI4	EET CF	03/26/26 16:46
Total/NA	Prep	3005A			483897	F8JX	EET CF	03/24/26 08:29
Total/NA	Analysis	6020B		1	484162	NFT2	EET CF	03/25/26 15:58
Total/NA	Prep	7470A			859026	MJG	EET CHI	03/26/26 12:10 - 03/26/26 14:10 [1]
Total/NA	Analysis	7470A		1	859216	MJG	EET CHI	03/27/26 08:26
Total/NA	Prep	9012B			483831	ENB7	EET CF	03/23/26 08:45
Total/NA	Analysis	9012B		1	484112	ENB7	EET CF	03/25/26 13:59
Total/NA	Analysis	9034		1	858781	TR	EET CHI	03/25/26 11:05 - 03/25/26 11:09 [1]
Total/NA	Analysis	I-3765-85		1	483959	DGU1	EET CF	03/24/26 10:30
Total/NA	Analysis	SM 5310C		1	484005	DGU1	EET CF	03/25/26 01:35

Client Sample ID: MW-31R
Lab Sample ID: 310-327931-7
Date Collected: 03/19/26 19:34
Matrix: Water
Date Received: 03/20/26 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	484067	WSE8	EET CF	03/26/26 02:34
Total/NA	Prep	3005A			483897	F8JX	EET CF	03/24/26 08:29
Total/NA	Analysis	6020B		1	484302	ZRI4	EET CF	03/26/26 16:49

Lab Chronicle

Client: HDR Inc
Job ID: 310-327931-1
Project/Site: Metro Park EAST-Landfill

Client Sample ID: MW-31R
Lab Sample ID: 310-327931-7
Date Collected: 03/19/26 19:34
Matrix: Water
Date Received: 03/20/26 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3005A			483897	F8JX	EET CF	03/24/26 08:29
Total/NA	Analysis	6020B		1	484162	NFT2	EET CF	03/25/26 16:01
Total/NA	Analysis	I-3765-85		1	483959	DGU1	EET CF	03/24/26 10:30
Total/NA	Analysis	SM 5310C		1	484005	DGU1	EET CF	03/25/26 02:11

Client Sample ID: PZ-13
Lab Sample ID: 310-327931-8
Date Collected: 03/19/26 18:47
Matrix: Water
Date Received: 03/20/26 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	484067	WSE8	EET CF	03/26/26 02:56
Total/NA	Prep	3005A			483898	F8JX	EET CF	03/24/26 08:35
Total/NA	Analysis	6020B		1	484162	NFT2	EET CF	03/25/26 16:12
Total/NA	Analysis	I-3765-85		1	483965	DGU1	EET CF	03/24/26 11:08

Client Sample ID: MW-32R
Lab Sample ID: 310-327931-9
Date Collected: 03/20/26 11:31
Matrix: Water
Date Received: 03/20/26 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	484076	WSE8	EET CF	03/26/26 13:44
Total/NA	Prep	3005A			483898	F8JX	EET CF	03/24/26 08:35
Total/NA	Analysis	6020B		1	484245	NFT2	EET CF	03/26/26 14:15
Total/NA	Prep	3005A			483898	F8JX	EET CF	03/24/26 08:35
Total/NA	Analysis	6020B		1	484162	NFT2	EET CF	03/25/26 16:30
Total/NA	Prep	3005A			483898	F8JX	EET CF	03/24/26 08:35
Total/NA	Analysis	6020B		1	484355	ZRI4	EET CF	03/27/26 15:49
Total/NA	Analysis	I-3765-85		1	484069	DGU1	EET CF	03/25/26 10:53
Total/NA	Analysis	SM 5310C		1	484005	DGU1	EET CF	03/25/26 02:47

Client Sample ID: MW-33R
Lab Sample ID: 310-327931-10
Date Collected: 03/20/26 10:28
Matrix: Water
Date Received: 03/20/26 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	484076	WSE8	EET CF	03/26/26 14:06
Total/NA	Prep	3005A			483898	F8JX	EET CF	03/24/26 08:35
Total/NA	Analysis	6020B		1	484245	NFT2	EET CF	03/26/26 14:17
Total/NA	Prep	3005A			483898	F8JX	EET CF	03/24/26 08:35
Total/NA	Analysis	6020B		1	484162	NFT2	EET CF	03/25/26 16:33
Total/NA	Analysis	I-3765-85		1	484069	DGU1	EET CF	03/25/26 10:53
Total/NA	Analysis	SM 5310C		1	484005	DGU1	EET CF	03/25/26 03:23

Lab Chronicle

Client: HDR Inc
Job ID: 310-327931-1
Project/Site: Metro Park EAST-Landfill

Client Sample ID: TB-4
Lab Sample ID: 310-327931-11
Date Collected: 03/20/26 12:00
Matrix: Water
Date Received: 03/20/26 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	484076	WSE8	EET CF	03/26/26 11:10

Client Sample ID: TB-1
Lab Sample ID: 310-327931-12
Date Collected: 03/20/26 12:00
Matrix: Water
Date Received: 03/20/26 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	484076	WSE8	EET CF	03/26/26 11:32

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Accreditation/Certification Summary

Client: HDR Inc
Job ID: 310-327931-1
Project/Site: Metro Park EAST-Landfill

Laboratory: Eurofins Cedar Falls

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-27

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8082A	3511	Water	PCB-1268
8260D		Water	1,2,4-Trichlorobenzene
8260D		Water	Allyl chloride
8260D		Water	Ethyl methacrylate

Laboratory: Eurofins Chicago

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Iowa	State	082	05-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8151A	8151A	Water	2,4,5-T

Method Summary

Client: HDR Inc
Job ID: 310-327931-1
Project/Site: Metro Park EAST-Landfill

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CF
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CF
8015C	Nonhalogenated Organic using GC/FID (Direct Aqueous Injection)	SW846	EET CF
8081B	Organochlorine Pesticides (GC)	SW846	EET CF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CF
8151A	Herbicides (GC)	SW846	EET CHI
6020B	Metals (ICP/MS)	SW846	EET CF
7470A	Mercury (CVAA)	SW846	EET CHI
9012B	Cyanide, Total andor Amenable	SW846	EET CF
9034	Sulfide, Acid soluble and Insoluble (Titrimetric)	SW846	EET CHI
I-3765-85	Residue, Non-filterable (TSS)	USGS	EET CF
SM 5310C	TOC	SM	EET CF
3005A	Preparation, Total Metals	SW846	EET CF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CF
3511	Microextraction of Organic Compounds	SW846	EET CF
5030B	Purge and Trap	SW846	EET CF
7470A	Preparation, Mercury	SW846	EET CHI
8151A	Extraction (Herbicides)	SW846	EET CHI
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CF

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
USGS = "Methods For Analysis Of Water And Fluvial Sediments", USGS, 1989

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401
EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

eurofins | Environment Testing America

310-327931 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client: HDR			
City/State: CITY	STATE	Project:	
Receipt Information			
Date/Time Received: DATE 3-20-26	TIME 1510	Received By: PH	

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee
☒ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other:_____

Condition of Cooler/Containers

Sample(s) received in Cooler?	☒ Yes	☐ No	*If yes:* Cooler ID:
Multiple Coolers?	☒ Yes	☐ No	*If yes:* Cooler # 1 of 2
Cooler Custody Seals Present?	☐ Yes	☒ No	*If yes:* Cooler custody seals intact? ☐ Yes ☐ No
Sample Custody Seals Present?	☐ Yes	☒ No	*If yes:* Sample custody seals intact? ☐ Yes ☐ No
Trip Blank Present?	☒ Yes	☐ No	*If yes:* Which VOA samples are in cooler? ↓

MW-28, 56, 31R, PZ-13, MW32R, 33R

Temperature Record

Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other:_____ ☐ NONE

Thermometer ID. AA | Correction Factor (°C): 0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C) 2.6 | Corrected Temp (°C): 2.6

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C):		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE. If yes, contact PM before proceeding If no, proceed with login

Additional Comments

eurofins | Environment Testing America

Place COC scanning label here

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client. HDR

City/State: CITY | STATE | Project.

Receipt Information

Date/Time Received | DATE 3-20-26 | TIME 1310 | Received By: PH

Delivery Type. ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee
☑ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other:_____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☑ Yes ☐ No *If yes:* Cooler ID:

Multiple Coolers? ☑ Yes ☐ No *If yes:* Cooler # 2 of 2

Cooler Custody Seals Present? ☐ Yes ☑ No *If yes:* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☑ No *If yes:* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☑ Yes ☐ No *If yes:* Which VOA samples are in cooler? ↓

The Rest

Temperature Record

Coolant: ☑ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other:_____ ☐ NONE

Thermometer ID: AA | Correction Factor (°C): 0

• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 2.0 | Corrected Temp (°C): 2.0

• Sample Container Temperature

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C):		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE If yes, contact PM before proceeding If no, proceed with login

Additional Comments

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613
Phone (319) 277-2401 Phone (319) 277-2425

Chain of Custody Record

eurofins
Environment Testing

Client Information	Sampler: Caleb Gomez & Chad Dentlinger	Lab PM: Calhoun Conner M	Carrier Tracking No(s):	COC No: 310-117271-30360 1
Client Contact: Richard Wilson	Phone: 515-205-6355	E-Mail: Conner Calhoun@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: HDR Inc	PWSID:			Job #:
Address: 1917 S 67th Street	Due Date Requested:			
City: Omaha	TAT Requested (days):			
State, Zip: NE 68106	Compliance Project: Δ Yes Δ No			
Phone: 402-392-6714(Tel)	PO #: Purchase Order not required			
Email: richard wilson2@hdrinc.com	WO #:			
Project Name: Metro Park EAST-Landfill	Project #: 31016556			
Site:	SSOW#:			

Analysis Requested

Preservation Codes
D - HNO3
A - HCL
N - None
S - H2SO4
CB - ZnAcetate/NaOH
B - NaOH
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Appendix I (Metals and VOCs)	Appendix 1 VOCs ONLY- 8260D	TSS- I_3765_85	FULL Appendix 2	9060A - TOC	Nitrate (9056_ORGFM_48HR)	SW Parameters (Ammonia, Chloride, COD, Lab filter Iron)	Arsenic 6020	Cobalt- 6020	Sulfide- 9034_Calc				Total Number of containers	Special Instructions/Note
			Preservation Code.																		
MW-28	3/19/56	11 56	G	Water			X		X												
MW-56	3/19/56	12.57	G	Water			X		X												
MW-73	3/19/56	15 43	G	Water			X		X		X										
MW-60	3/19/56	16 15	G	Water					X					X	X						
MW-58	3/19/56	16 48	G	Water			X		X		X										
MW-57R	3/19/56	18 06	G	Water					X	X	X										
MW-31R	3/19/56	19 34	G	Water			X		X		X										
PZ-13	3/19/56	18 47	G	Water				X	X					X	X						
MW-32R	3/20/26	11 31	G	Water			X		X		X										
MW-33R	3/20/26	10 28	G	Water			X		X		X										
				Water																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Chad Dentlinger / [signature]	3/20/26 / 1245		[signature]	3-20-26 1710	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks:

Ver 05/06/2024

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613
Phone (319) 277-2401 Phone (319) 277-2425

Chain of Custody Record

eurofins
Environment Testing

Client Information	Sampler: Caleb Gomez & Chad Dentlinger	Lab PM: Calhoun Conner M	Carrier Tracking No(s):	COC No: 310-117271-30360 1
Client Contact: Richard Wilson	Phone: 515-205-6355	E-Mail: Conner Calhoun@et.eurofinsus com	State of Origin:	Page: Page 2 of 2
Company: HDR Inc	PWSID:			Job #:
Address: 1917 S 67th Street	Due Date Requested			
City: Omaha	TAT Requested (days)			
State, Zip: NE, 68106	Compliance Project: Δ Yes Δ No			
Phone: 402-392-6714(Tel)	PO #: Purchase Order not required			
Email: richard wilson2@hdrinc.com	WO #:			
Project Name: Metro Park EAST-Landfill	Project #: 31016556			
Site:	SSOW#:			

Analysis Requested

Preservation Codes
D - HNO3
A - HCL
N - None
S H2SO4
CB ZnAcetate/NaOH
B - NaOH
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Appendix I (Metals and VOCs)	Appendix 1 VOCs ONLY- 8260D	TSS- I_3765_85	FULL Appendix 2	9060A - TOC	Nitrate (9056_ORGFM_48HR)	SW Parameters (Ammonia, Chloride, COD, Lab filter Iron)	Arsenic- 6020	Cobalt- 6020	Sulfide- 9034_Calc				Total Number of containers	Special Instructions/Note.
			Preservation Code:																		
TB-4	3/20/26	12 00		Water				X													
TB-1	3/20/26	12 00		Water				X													
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown* ☐ *Radiological*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For _____ Months*

Deliverable Requested I II, III IV Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date.	Time.	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Chad Dentlinger /	3/20/26 / 12:05			3-20-26 1710	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone: 319-277-2401 Fax: 319-277-2425

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Calhoun, Conner M	Carrier Tracking No(s): N/A	COC No: 310-92368.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin: Iowa	Page: Page 1 of 1
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): State Program Iowa		Job #: 310-327931-1
Address: 18410 Crossing Drive, Suite E,	Due Date Requested: 3/31/2026			
City: Tinley Park	TAT Requested (days): N/A			
State, Zip: IL, 60487				
Phone: 708-534-5200(Tel) 708-534-5211(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Metro Park EAST-Landfill	Project #: 31016556			
Site: N/A	SSOW#: N/A			

310-327931 COC

Analysis Requested

Preservation Codes.

Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9034_Calc	7470A/7470A_Prep	8151A/8151A_AP_LVI(MOD) Default List	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-57R (310-327931-6)	3/19/26	18:06 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification Unconfirmed	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)* ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		3/23/26 1440			3/24/26 0920	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks. 3.4-3.2, 4.9-4.7

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 310-327931-1

Login Number: 327931
List Number: 1
Creator: Homolar, Dana J

List Source: Eurofins Cedar Falls

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 310-327931-1

Login Number: 327931
List Number: 2
Creator: Scott, Sherri L

List Source: Eurofins Chicago
List Creation: 03/24/26 11:13 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.2,4.7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Richard Wilson
HDR Inc
1917 S 67th Street
Omaha, Nebraska 68106

Generated 4/3/2026 3:00:19 PM

JOB DESCRIPTION

Metro Park EAST-Landfill

JOB NUMBER

310-328038-1

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization

Generated
4/3/2026 3:00:19 PM

Authorized for release by
Conner Calhoun, Client Service Manager
Conner.Calhoun@et.eurofinsus.com
(319)277-2401

Table of Contents

Cover Page 1
Table of Contents 3
Case Narrative 4
Sample Summary 6
Detection Summary 7
Client Sample Results 11
Definitions 38
Surrogate Summary 39
QC Sample Results 40
QC Association 54
Chronicle 59
Certification Summary 64
Method Summary 65
Chain of Custody 66
Receipt Checklists 71

Job Narrative
310-328038-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 3/24/2026 3:40 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.8°C and 0.8°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 310-484076 recovered above the upper control limit for Trichlorofluoromethane (26%D). The LCS associated with this CCV passed CCV criteria for the affected analyte; therefore, the data have been reported. The associated sample is:(CCV 310-484076/4).

Method 8260D: The method requirement for no headspace was not met. The following volatile samples were analyzed with headspace in the sample container: TB-5 (310-328038-9) and TB-6 (310-328038-10).

Method 8260D: The continuing calibration verification (CCV) associated with batch 310-484189 recovered above the upper control limit for Trichlorofluoromethane (23%D). The LCS associated with this CCV passed CCV criteria for the affected analyte; therefore, the data have been reported. The associated sample is:(CCV 310-484189/4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 9034: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: MW-14R (310-328038-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Job Narrative
310-328038-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 3/24/2026 3:40 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.8°C and 0.8°C.

HPLC/IC
Method 9056A: Sample SW-105 (310-328038-15) was/were received outside of holding time.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-328038-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
310-328038-1	MW-14R	Water	03/20/26 16:35	03/24/26 15:40	Iowa
310-328038-2	MW-29	Water	03/20/26 17:43	03/24/26 15:40	Iowa
310-328038-3	MW-30R	Water	03/20/26 18:41	03/24/26 15:40	Iowa
310-328038-4	MW-69	Water	03/20/26 19:05	03/24/26 15:40	Iowa
310-328038-5	GU-3A	Water	03/23/26 12:55	03/24/26 15:40	Iowa
310-328038-6	DUP-1	Water	03/20/26 16:45	03/24/26 15:40	Iowa
310-328038-7	DUP-2	Water	03/20/26 17:50	03/24/26 15:40	Iowa
310-328038-8	DUP-3	Water	03/20/26 18:47	03/24/26 15:40	Iowa
310-328038-9	TB-5	Water	03/24/26 11:00	03/24/26 15:40	Iowa
310-328038-10	TB-6	Water	03/24/26 11:00	03/24/26 15:40	Iowa
310-328038-11	SW-101	Water	03/20/26 13:44	03/24/26 15:40	Iowa
310-328038-12	SW-102	Water	03/20/26 14:12	03/24/26 15:40	Iowa
310-328038-13	SW-103	Water	03/20/26 13:40	03/24/26 15:40	Iowa
310-328038-14	SW-104	Water	03/20/26 14:05	03/24/26 15:40	Iowa
310-328038-15	SW-105	Water	03/20/26 14:29	03/24/26 15:40	Iowa
310-328038-16	SW-106	Water	03/20/26 13:27	03/24/26 15:40	Iowa
310-328038-17	SW-107	Water	03/20/26 13:12	03/24/26 15:40	Iowa

Detection Summary

Client: HDR Inc
Job ID: 310-328038-1
Project/Site: Metro Park EAST-Landfill

Client Sample ID: MW-14R — Lab Sample ID: 310-328038-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	8.63		1.00	0.400	ug/L	1		8260D	Total/NA
1,2-Dichloropropane	1.17		1.00	0.380	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	46.6		1.00	0.550	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.844	J	1.00	0.410	ug/L	1		8260D	Total/NA
Trichloroethene	3.71		1.00	0.350	ug/L	1		8260D	Total/NA
Vinyl chloride	4.69		1.00	0.430	ug/L	1		8260D	Total/NA
Arsenic	0.0246		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.370		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000428	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	15.8		3.75	2.10	mg/L	1		I-3765-85	Total/NA
Total Organic Carbon	1.70		1.00	0.500	mg/L	1		SM 5310C	Total/NA

Client Sample ID: MW-29 — Lab Sample ID: 310-328038-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.27		1.00	0.400	ug/L	1		8260D	Total/NA
1,2-Dichlorobenzene	0.728	J	1.00	0.370	ug/L	1		8260D	Total/NA
1,2-Dichloropropane	0.761	J	1.00	0.380	ug/L	1		8260D	Total/NA
1,4-Dichlorobenzene	11.0		1.00	0.490	ug/L	1		8260D	Total/NA
Acetone	3.92	J	10.0	3.80	ug/L	1		8260D	Total/NA
Benzene	2.89		0.500	0.220	ug/L	1		8260D	Total/NA
Chlorobenzene	21.1		1.00	0.350	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	6.60		1.00	0.550	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.717	J	1.00	0.410	ug/L	1		8260D	Total/NA
Trichloroethene	0.497	J	1.00	0.350	ug/L	1		8260D	Total/NA
Vinyl chloride	2.35		1.00	0.430	ug/L	1		8260D	Total/NA
Arsenic	0.0166		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.712		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.0665		0.000500	0.000170	mg/L	1		6020B	Total/NA
Copper	0.00587		0.00500	0.00320	mg/L	1		6020B	Total/NA
Nickel	0.0621		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	20.3		3.75	2.10	mg/L	1		I-3765-85	Total/NA
Total Organic Carbon	9.63		2.00	1.00	mg/L	2		SM 5310C	Total/NA

Client Sample ID: MW-30R — Lab Sample ID: 310-328038-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.17		1.00	0.400	ug/L	1		8260D	Total/NA
Benzene	0.314	J	0.500	0.220	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	36.0		1.00	0.550	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	1.33		1.00	0.410	ug/L	1		8260D	Total/NA
Trichloroethene	1.84		1.00	0.350	ug/L	1		8260D	Total/NA
Vinyl chloride	4.86		1.00	0.430	ug/L	1		8260D	Total/NA
Arsenic	0.0105		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.566		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00626		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00477	J	0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	17.8		3.75	2.10	mg/L	1		I-3765-85	Total/NA
Total Organic Carbon	3.65		1.00	0.500	mg/L	1		SM 5310C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-328038-1

Client Sample ID: MW-69 — Lab Sample ID: 310-328038-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.30		1.00	0.400	ug/L	1		8260D	Total/NA
1,2-Dichloropropane	0.610	J	1.00	0.380	ug/L	1		8260D	Total/NA
Benzene	0.367	J	0.500	0.220	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	2.98		1.00	0.550	ug/L	1		8260D	Total/NA
Vinyl chloride	2.82		1.00	0.430	ug/L	1		8260D	Total/NA
Total Suspended Solids	23.3		3.75	2.10	mg/L	1		I-3765-85	Total/NA

Client Sample ID: GU-3A — Lab Sample ID: 310-328038-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000933	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0213		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00157		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0117		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	4.00		1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: DUP-1 — Lab Sample ID: 310-328038-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	9.29		1.00	0.400	ug/L	1		8260D	Total/NA
1,2-Dichloropropane	1.04		1.00	0.380	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	46.6		1.00	0.550	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.738	J	1.00	0.410	ug/L	1		8260D	Total/NA
Trichloroethene	3.68		1.00	0.350	ug/L	1		8260D	Total/NA
Vinyl chloride	5.05		1.00	0.430	ug/L	1		8260D	Total/NA
Arsenic	0.0247		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.364		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000438	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	15.5		3.75	2.10	mg/L	1		I-3765-85	Total/NA

Client Sample ID: DUP-2 — Lab Sample ID: 310-328038-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.30		1.00	0.400	ug/L	1		8260D	Total/NA
1,2-Dichlorobenzene	0.716	J	1.00	0.370	ug/L	1		8260D	Total/NA
1,2-Dichloropropane	0.849	J	1.00	0.380	ug/L	1		8260D	Total/NA
1,4-Dichlorobenzene	11.1		1.00	0.490	ug/L	1		8260D	Total/NA
Acetone	5.37	J	10.0	3.80	ug/L	1		8260D	Total/NA
Benzene	2.84		0.500	0.220	ug/L	1		8260D	Total/NA
Chlorobenzene	19.4		1.00	0.350	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	6.74		1.00	0.550	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.529	J	1.00	0.410	ug/L	1		8260D	Total/NA
Trichloroethene	0.559	J	1.00	0.350	ug/L	1		8260D	Total/NA
Vinyl chloride	2.47		1.00	0.430	ug/L	1		8260D	Total/NA
Arsenic	0.0177		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.754		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.0685		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0647		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	16.3		3.75	2.10	mg/L	1		I-3765-85	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-328038-1

Client Sample ID: DUP-3 — Lab Sample ID: 310-328038-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.96		1.00	0.400	ug/L	1		8260D	Total/NA
1,2-Dichloropropane	0.427	J	1.00	0.380	ug/L	1		8260D	Total/NA
Benzene	0.313	J	0.500	0.220	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	35.1		1.00	0.550	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	1.06		1.00	0.410	ug/L	1		8260D	Total/NA
Trichloroethene	2.02		1.00	0.350	ug/L	1		8260D	Total/NA
Vinyl chloride	4.14		1.00	0.430	ug/L	1		8260D	Total/NA
Arsenic	0.0103		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.568		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00608		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00494	J	0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	17.8		3.75	2.10	mg/L	1		I-3765-85	Total/NA

Client Sample ID: TB-5 — Lab Sample ID: 310-328038-9

No Detections.

Client Sample ID: TB-6 — Lab Sample ID: 310-328038-10

No Detections.

Client Sample ID: SW-101 — Lab Sample ID: 310-328038-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	45.2		5.00	2.25	mg/L	5		300.0	Total/NA
Arsenic	0.00111	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Cobalt	0.000245	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	13.7		5.00	2.80	mg/L	1		I-3765-85	Total/NA
Chemical Oxygen Demand	52.5		25.0	22.0	mg/L	5		SM 5220D	Total/NA

Client Sample ID: SW-102 — Lab Sample ID: 310-328038-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	44.1		5.00	2.25	mg/L	5		300.0	Total/NA
Arsenic	0.00120	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Cobalt	0.000440	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	36.7		5.00	2.80	mg/L	1		I-3765-85	Total/NA
Chemical Oxygen Demand	45.7		25.0	22.0	mg/L	5		SM 5220D	Total/NA

Client Sample ID: SW-103 — Lab Sample ID: 310-328038-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	37.4		5.00	2.25	mg/L	5		300.0	Total/NA
Arsenic	0.000864	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Cobalt	0.000170	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	4.00	J	5.00	2.80	mg/L	1		I-3765-85	Total/NA
Chemical Oxygen Demand	50.8		25.0	22.0	mg/L	5		SM 5220D	Total/NA

Client Sample ID: SW-104 — Lab Sample ID: 310-328038-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	39.3		5.00	2.25	mg/L	5		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-328038-1

Client Sample ID: SW-105 — Lab Sample ID: 310-328038-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	26.1		1.00	0.450	mg/L	1		300.0	Total/NA
Nitrate as N	2.64	H H3	0.200	0.0780	mg/L	1		9056A	Total/NA
Chemical Oxygen Demand	35.4		25.0	22.0	mg/L	5		SM 5220D	Total/NA

Client Sample ID: SW-106 — Lab Sample ID: 310-328038-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	31.5		5.00	2.25	mg/L	5		300.0	Total/NA
Arsenic	0.000848	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Chemical Oxygen Demand	223		25.0	22.0	mg/L	5		SM 5220D	Total/NA

Client Sample ID: SW-107 — Lab Sample ID: 310-328038-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	46.9		5.00	2.25	mg/L	5		300.0	Total/NA
Arsenic	0.000994	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Cobalt	0.000205	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Nitrate Nitrite as N	8.64		0.100	0.0830	mg/L	1		353.2	Total/NA
Total Suspended Solids	7.00		5.00	2.80	mg/L	1		I-3765-85	Total/NA
Chemical Oxygen Demand	45.7		25.0	22.0	mg/L	5		SM 5220D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-328038-1

Client Sample ID: MW-14R

Date Collected: 03/20/26 16:35
Date Received: 03/24/26 15:40

Lab Sample ID: 310-328038-1

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 03:18	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 03:18	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 03:18	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 03:18	1
1,1-Dichloroethane	**8.63**		1.00	0.400	ug/L			03/26/26 03:18	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 03:18	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 03:18	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 03:18	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 03:18	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/26/26 03:18	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 03:18	1
1,2-Dichloropropane	**1.17**		1.00	0.380	ug/L			03/26/26 03:18	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/26/26 03:18	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 03:18	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 03:18	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 03:18	1
Acetone	<10.0		10.0	3.80	ug/L			03/26/26 03:18	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 03:18	1
Benzene	<0.500		0.500	0.220	ug/L			03/26/26 03:18	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 03:18	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 03:18	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 03:18	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 03:18	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 03:18	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 03:18	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/26/26 03:18	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 03:18	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 03:18	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 03:18	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 03:18	1
cis-1,2-Dichloroethene	**46.6**		1.00	0.550	ug/L			03/26/26 03:18	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 03:18	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 03:18	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 03:18	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 03:18	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/26/26 03:18	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 03:18	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 03:18	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 03:18	1
trans-1,2-Dichloroethene	**0.844**	**J**	1.00	0.410	ug/L			03/26/26 03:18	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 03:18	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 03:18	1
Trichloroethene	**3.71**		1.00	0.350	ug/L			03/26/26 03:18	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 03:18	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 03:18	1
Vinyl chloride	**4.69**		1.00	0.430	ug/L			03/26/26 03:18	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 03:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*76 - 130*		*03/26/26 03:18*	*1*

Client Sample ID: MW-14R
Lab Sample ID: 310-328038-1

Date Collected: 03/20/26 16:35
Matrix: Water
Date Received: 03/24/26 15:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*03/26/26 03:18*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*03/26/26 03:18*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		03/25/26 08:20	03/26/26 17:28	1
Arsenic	**0.0246**		0.00200	0.000530	mg/L		03/25/26 08:20	03/26/26 17:28	1
Barium	**0.370**		0.00200	0.000660	mg/L		03/25/26 08:20	03/26/26 17:28	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/25/26 08:20	03/26/26 17:28	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		03/25/26 08:20	03/26/26 17:28	1
Chromium	<0.00500		0.00500	0.00180	mg/L		03/25/26 08:20	03/26/26 17:28	1
Cobalt	**0.000428**	**J**	0.000500	0.000170	mg/L		03/25/26 08:20	03/26/26 17:28	1
Copper	<0.00500		0.00500	0.00320	mg/L		03/25/26 08:20	03/26/26 17:28	1
Lead	<0.000500		0.000500	0.000330	mg/L		03/25/26 08:20	03/26/26 17:28	1
Nickel	<0.00500		0.00500	0.00230	mg/L		03/25/26 08:20	03/26/26 17:28	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/25/26 08:20	03/26/26 17:28	1
Silver	<0.00100		0.00100	0.000500	mg/L		03/25/26 08:20	03/26/26 17:28	1
Thallium	<0.00100		0.00100	0.000570	mg/L		03/25/26 08:20	03/26/26 17:28	1
Vanadium	<0.00500		0.00500	0.00170	mg/L		03/25/26 08:20	03/26/26 17:28	1
Zinc	<0.0200		0.0200	0.0130	mg/L		03/25/26 08:20	03/26/26 17:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SW846 9034)	<1.00	H	1.00	0.231	mg/L			03/30/26 10:45	1
Sulfide as H2S (SW846 9034)	<1.00	H	1.00	0.231	mg/L			03/30/26 10:45	1
Total Suspended Solids (USGS I-3765-85)	**15.8**		3.75	2.10	mg/L			03/25/26 10:53	1
Total Organic Carbon (SM 5310C)	**1.70**		1.00	0.500	mg/L			03/31/26 14:22	1

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-328038-1

Client Sample ID: MW-29

Date Collected: 03/20/26 17:43
Date Received: 03/24/26 15:40

Lab Sample ID: 310-328038-2

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 03:40	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 03:40	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 03:40	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 03:40	1
1,1-Dichloroethane	**2.27**		1.00	0.400	ug/L			03/26/26 03:40	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 03:40	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 03:40	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 03:40	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 03:40	1
1,2-Dichlorobenzene	**0.728**	**J**	1.00	0.370	ug/L			03/26/26 03:40	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 03:40	1
1,2-Dichloropropane	**0.761**	**J**	1.00	0.380	ug/L			03/26/26 03:40	1
1,4-Dichlorobenzene	**11.0**		1.00	0.490	ug/L			03/26/26 03:40	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 03:40	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 03:40	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 03:40	1
Acetone	**3.92**	**J**	10.0	3.80	ug/L			03/26/26 03:40	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 03:40	1
Benzene	**2.89**		0.500	0.220	ug/L			03/26/26 03:40	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 03:40	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 03:40	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 03:40	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 03:40	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 03:40	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 03:40	1
Chlorobenzene	**21.1**		1.00	0.350	ug/L			03/26/26 03:40	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 03:40	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 03:40	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 03:40	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 03:40	1
cis-1,2-Dichloroethene	**6.60**		1.00	0.550	ug/L			03/26/26 03:40	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 03:40	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 03:40	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 03:40	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 03:40	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/26/26 03:40	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 03:40	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 03:40	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 03:40	1
trans-1,2-Dichloroethene	**0.717**	**J**	1.00	0.410	ug/L			03/26/26 03:40	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 03:40	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 03:40	1
Trichloroethene	**0.497**	**J**	1.00	0.350	ug/L			03/26/26 03:40	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 03:40	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 03:40	1
Vinyl chloride	**2.35**		1.00	0.430	ug/L			03/26/26 03:40	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 03:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*76 - 130*		*03/26/26 03:40*	*1*

Client Sample ID: MW-29
Date Collected: 03/20/26 17:43
Date Received: 03/24/26 15:40

Lab Sample ID: 310-328038-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/26/26 03:40*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*03/26/26 03:40*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		03/25/26 08:20	03/26/26 17:30	1
Arsenic	**0.0166**		0.00200	0.000530	mg/L		03/25/26 08:20	03/26/26 17:30	1
Barium	**0.712**		0.00200	0.000660	mg/L		03/25/26 08:20	03/26/26 17:30	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/25/26 08:20	03/26/26 17:30	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		03/25/26 08:20	03/26/26 17:30	1
Chromium	<0.00500		0.00500	0.00180	mg/L		03/25/26 08:20	03/26/26 17:30	1
Cobalt	**0.0665**		0.000500	0.000170	mg/L		03/25/26 08:20	03/26/26 17:30	1
Copper	**0.00587**		0.00500	0.00320	mg/L		03/25/26 08:20	03/26/26 17:30	1
Lead	<0.000500		0.000500	0.000330	mg/L		03/25/26 08:20	03/26/26 17:30	1
Nickel	**0.0621**		0.00500	0.00230	mg/L		03/25/26 08:20	03/26/26 17:30	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/25/26 08:20	03/26/26 17:30	1
Silver	<0.00100		0.00100	0.000500	mg/L		03/25/26 08:20	03/26/26 17:30	1
Thallium	<0.00100		0.00100	0.000570	mg/L		03/25/26 08:20	03/26/26 17:30	1
Vanadium	<0.00500		0.00500	0.00170	mg/L		03/25/26 08:20	03/26/26 17:30	1
Zinc	<0.0200		0.0200	0.0130	mg/L		03/25/26 08:20	03/26/26 17:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**20.3**		3.75	2.10	mg/L			03/25/26 10:53	1
Total Organic Carbon (SM 5310C)	**9.63**		2.00	1.00	mg/L			04/02/26 16:15	2

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-328038-1

Client Sample ID: MW-30R

Date Collected: 03/20/26 18:41
Date Received: 03/24/26 15:40

Lab Sample ID: 310-328038-3

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 04:02	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 04:02	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 04:02	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 04:02	1
1,1-Dichloroethane	**3.17**		1.00	0.400	ug/L			03/26/26 04:02	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 04:02	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 04:02	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 04:02	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 04:02	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/26/26 04:02	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 04:02	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/26/26 04:02	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/26/26 04:02	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 04:02	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 04:02	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 04:02	1
Acetone	<10.0		10.0	3.80	ug/L			03/26/26 04:02	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 04:02	1
Benzene	**0.314**	**J**	0.500	0.220	ug/L			03/26/26 04:02	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 04:02	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 04:02	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 04:02	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 04:02	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 04:02	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 04:02	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/26/26 04:02	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 04:02	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 04:02	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 04:02	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 04:02	1
cis-1,2-Dichloroethene	**36.0**		1.00	0.550	ug/L			03/26/26 04:02	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 04:02	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 04:02	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 04:02	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 04:02	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/26/26 04:02	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 04:02	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 04:02	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 04:02	1
trans-1,2-Dichloroethene	**1.33**		1.00	0.410	ug/L			03/26/26 04:02	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 04:02	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 04:02	1
Trichloroethene	**1.84**		1.00	0.350	ug/L			03/26/26 04:02	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 04:02	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 04:02	1
Vinyl chloride	**4.86**		1.00	0.430	ug/L			03/26/26 04:02	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 04:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*76 - 130*		*03/26/26 04:02*	*1*

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-328038-1

Client Sample ID: MW-30R

Date Collected: 03/20/26 18:41
Date Received: 03/24/26 15:40

Lab Sample ID: 310-328038-3

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/26/26 04:02*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*03/26/26 04:02*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		03/25/26 08:20	03/26/26 17:33	1
Arsenic	**0.0105**		0.00200	0.000530	mg/L		03/25/26 08:20	03/26/26 17:33	1
Barium	**0.566**		0.00200	0.000660	mg/L		03/25/26 08:20	03/26/26 17:33	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/25/26 08:20	03/26/26 17:33	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		03/25/26 08:20	03/26/26 17:33	1
Chromium	<0.00500		0.00500	0.00180	mg/L		03/25/26 08:20	03/26/26 17:33	1
Cobalt	**0.00626**		0.000500	0.000170	mg/L		03/25/26 08:20	03/26/26 17:33	1
Copper	<0.00500		0.00500	0.00320	mg/L		03/25/26 08:20	03/26/26 17:33	1
Lead	<0.000500		0.000500	0.000330	mg/L		03/25/26 08:20	03/26/26 17:33	1
Nickel	**0.00477**	**J**	0.00500	0.00230	mg/L		03/25/26 08:20	03/26/26 17:33	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/25/26 08:20	03/26/26 17:33	1
Silver	<0.00100		0.00100	0.000500	mg/L		03/25/26 08:20	03/26/26 17:33	1
Thallium	<0.00100		0.00100	0.000570	mg/L		03/25/26 08:20	03/26/26 17:33	1
Vanadium	<0.00500		0.00500	0.00170	mg/L		03/25/26 08:20	03/26/26 17:33	1
Zinc	<0.0200		0.0200	0.0130	mg/L		03/25/26 08:20	03/26/26 17:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**17.8**		3.75	2.10	mg/L			03/25/26 10:53	1
Total Organic Carbon (SM 5310C)	**3.65**		1.00	0.500	mg/L			03/31/26 15:34	1

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-328038-1

Client Sample ID: MW-69
Date Collected: 03/20/26 19:05
Date Received: 03/24/26 15:40

Lab Sample ID: 310-328038-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 04:24	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 04:24	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 04:24	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 04:24	1
1,1-Dichloroethane	**1.30**		1.00	0.400	ug/L			03/26/26 04:24	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 04:24	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 04:24	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 04:24	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 04:24	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/26/26 04:24	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 04:24	1
1,2-Dichloropropane	**0.610**	**J**	1.00	0.380	ug/L			03/26/26 04:24	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/26/26 04:24	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 04:24	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 04:24	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 04:24	1
Acetone	<10.0		10.0	3.80	ug/L			03/26/26 04:24	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 04:24	1
Benzene	**0.367**	**J**	0.500	0.220	ug/L			03/26/26 04:24	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 04:24	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 04:24	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 04:24	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 04:24	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 04:24	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 04:24	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/26/26 04:24	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 04:24	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 04:24	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 04:24	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 04:24	1
cis-1,2-Dichloroethene	**2.98**		1.00	0.550	ug/L			03/26/26 04:24	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 04:24	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 04:24	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 04:24	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 04:24	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/26/26 04:24	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 04:24	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 04:24	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 04:24	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/26/26 04:24	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 04:24	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 04:24	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/26/26 04:24	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 04:24	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 04:24	1
Vinyl chloride	**2.82**		1.00	0.430	ug/L			03/26/26 04:24	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 04:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*76 - 130*		*03/26/26 04:24*	*1*

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-328038-1

Client Sample ID: MW-69
Date Collected: 03/20/26 19:05
Date Received: 03/24/26 15:40

Lab Sample ID: 310-328038-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/26/26 04:24*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*03/26/26 04:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**23.3**		3.75	2.10	mg/L			03/25/26 10:53	1

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-328038-1

Client Sample ID: GU-3A

Date Collected: 03/23/26 12:55
Date Received: 03/24/26 15:40

Lab Sample ID: 310-328038-5

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 23:36	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 23:36	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 23:36	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 23:36	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/26/26 23:36	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 23:36	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 23:36	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 23:36	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 23:36	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/26/26 23:36	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 23:36	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/26/26 23:36	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/26/26 23:36	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 23:36	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 23:36	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 23:36	1
Acetone	<10.0		10.0	3.80	ug/L			03/26/26 23:36	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 23:36	1
Benzene	<0.500		0.500	0.220	ug/L			03/26/26 23:36	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 23:36	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 23:36	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 23:36	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 23:36	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 23:36	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 23:36	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/26/26 23:36	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 23:36	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 23:36	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 23:36	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 23:36	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/26/26 23:36	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 23:36	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 23:36	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 23:36	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 23:36	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/26/26 23:36	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 23:36	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 23:36	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 23:36	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/26/26 23:36	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 23:36	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 23:36	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/26/26 23:36	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 23:36	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 23:36	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/26/26 23:36	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*76 - 130*		*03/26/26 23:36*	*1*

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-328038-1

Client Sample ID: GU-3A

Date Collected: 03/23/26 12:55
Date Received: 03/24/26 15:40

Lab Sample ID: 310-328038-5

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*80 - 120*		*03/26/26 23:36*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*03/26/26 23:36*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		03/25/26 08:20	03/26/26 17:35	1
Arsenic	**0.000933**	**J**	0.00200	0.000530	mg/L		03/25/26 08:20	03/26/26 17:35	1
Barium	**0.0213**		0.00200	0.000660	mg/L		03/25/26 08:20	03/26/26 17:35	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/25/26 08:20	03/26/26 17:35	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		03/25/26 08:20	03/26/26 17:35	1
Chromium	<0.00500		0.00500	0.00180	mg/L		03/25/26 08:20	03/26/26 17:35	1
Cobalt	**0.00157**		0.000500	0.000170	mg/L		03/25/26 08:20	03/26/26 17:35	1
Copper	<0.00500		0.00500	0.00320	mg/L		03/25/26 08:20	03/26/26 17:35	1
Lead	<0.000500		0.000500	0.000330	mg/L		03/25/26 08:20	03/26/26 17:35	1
Nickel	**0.0117**		0.00500	0.00230	mg/L		03/25/26 08:20	03/26/26 17:35	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/25/26 08:20	03/26/26 17:35	1
Silver	<0.00100		0.00100	0.000500	mg/L		03/25/26 08:20	03/26/26 17:35	1
Thallium	<0.00100		0.00100	0.000570	mg/L		03/25/26 08:20	03/26/26 17:35	1
Vanadium	<0.00500		0.00500	0.00170	mg/L		03/25/26 08:20	03/26/26 17:35	1
Zinc	<0.0200		0.0200	0.0130	mg/L		03/25/26 08:20	03/26/26 17:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**4.00**		1.88	1.05	mg/L			03/26/26 08:42	1

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-328038-1

Client Sample ID: DUP-1

Date Collected: 03/20/26 16:45
Date Received: 03/24/26 15:40

Lab Sample ID: 310-328038-6

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 04:46	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 04:46	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 04:46	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 04:46	1
1,1-Dichloroethane	**9.29**		1.00	0.400	ug/L			03/26/26 04:46	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 04:46	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 04:46	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 04:46	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 04:46	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/26/26 04:46	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 04:46	1
1,2-Dichloropropane	**1.04**		1.00	0.380	ug/L			03/26/26 04:46	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/26/26 04:46	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 04:46	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 04:46	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 04:46	1
Acetone	<10.0		10.0	3.80	ug/L			03/26/26 04:46	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 04:46	1
Benzene	<0.500		0.500	0.220	ug/L			03/26/26 04:46	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 04:46	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 04:46	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 04:46	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 04:46	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 04:46	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 04:46	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/26/26 04:46	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 04:46	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 04:46	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 04:46	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 04:46	1
cis-1,2-Dichloroethene	**46.6**		1.00	0.550	ug/L			03/26/26 04:46	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 04:46	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 04:46	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 04:46	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 04:46	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/26/26 04:46	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 04:46	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 04:46	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 04:46	1
trans-1,2-Dichloroethene	**0.738**	**J**	1.00	0.410	ug/L			03/26/26 04:46	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 04:46	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 04:46	1
Trichloroethene	**3.68**		1.00	0.350	ug/L			03/26/26 04:46	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 04:46	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 04:46	1
Vinyl chloride	**5.05**		1.00	0.430	ug/L			03/26/26 04:46	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 04:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*76 - 130*		*03/26/26 04:46*	*1*

Client Sample ID: DUP-1

Date Collected: 03/20/26 16:45
Date Received: 03/24/26 15:40

Lab Sample ID: 310-328038-6

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*03/26/26 04:46*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*03/26/26 04:46*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		03/25/26 08:20	03/26/26 17:38	1
Arsenic	**0.0247**		0.00200	0.000530	mg/L		03/25/26 08:20	03/26/26 17:38	1
Barium	**0.364**		0.00200	0.000660	mg/L		03/25/26 08:20	03/26/26 17:38	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/25/26 08:20	03/26/26 17:38	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		03/25/26 08:20	03/26/26 17:38	1
Chromium	<0.00500		0.00500	0.00180	mg/L		03/25/26 08:20	03/26/26 17:38	1
Cobalt	**0.000438**	**J**	0.000500	0.000170	mg/L		03/25/26 08:20	03/26/26 17:38	1
Copper	<0.00500		0.00500	0.00320	mg/L		03/25/26 08:20	03/26/26 17:38	1
Lead	<0.000500		0.000500	0.000330	mg/L		03/25/26 08:20	03/26/26 17:38	1
Nickel	<0.00500		0.00500	0.00230	mg/L		03/25/26 08:20	03/26/26 17:38	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/25/26 08:20	03/26/26 17:38	1
Silver	<0.00100		0.00100	0.000500	mg/L		03/25/26 08:20	03/26/26 17:38	1
Thallium	<0.00100		0.00100	0.000570	mg/L		03/25/26 08:20	03/26/26 17:38	1
Vanadium	<0.00500		0.00500	0.00170	mg/L		03/25/26 08:20	03/26/26 17:38	1
Zinc	<0.0200		0.0200	0.0130	mg/L		03/25/26 08:20	03/26/26 17:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**15.5**		3.75	2.10	mg/L			03/26/26 04:20	1

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-328038-1

Client Sample ID: DUP-2
Date Collected: 03/20/26 17:50
Date Received: 03/24/26 15:40

Lab Sample ID: 310-328038-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 14:28	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 14:28	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 14:28	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 14:28	1
1,1-Dichloroethane	**2.30**		1.00	0.400	ug/L			03/26/26 14:28	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 14:28	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 14:28	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 14:28	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 14:28	1
1,2-Dichlorobenzene	**0.716**	**J**	1.00	0.370	ug/L			03/26/26 14:28	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 14:28	1
1,2-Dichloropropane	**0.849**	**J**	1.00	0.380	ug/L			03/26/26 14:28	1
1,4-Dichlorobenzene	**11.1**		1.00	0.490	ug/L			03/26/26 14:28	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 14:28	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 14:28	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 14:28	1
Acetone	**5.37**	**J**	10.0	3.80	ug/L			03/26/26 14:28	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 14:28	1
Benzene	**2.84**		0.500	0.220	ug/L			03/26/26 14:28	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 14:28	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 14:28	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 14:28	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 14:28	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 14:28	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 14:28	1
Chlorobenzene	**19.4**		1.00	0.350	ug/L			03/26/26 14:28	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 14:28	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 14:28	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 14:28	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 14:28	1
cis-1,2-Dichloroethene	**6.74**		1.00	0.550	ug/L			03/26/26 14:28	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 14:28	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 14:28	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 14:28	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 14:28	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/26/26 14:28	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 14:28	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 14:28	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 14:28	1
trans-1,2-Dichloroethene	**0.529**	**J**	1.00	0.410	ug/L			03/26/26 14:28	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 14:28	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 14:28	1
Trichloroethene	**0.559**	**J**	1.00	0.350	ug/L			03/26/26 14:28	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 14:28	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 14:28	1
Vinyl chloride	**2.47**		1.00	0.430	ug/L			03/26/26 14:28	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*76 - 130*		*03/26/26 14:28*	*1*

Client Sample ID: DUP-2

Date Collected: 03/20/26 17:50
Date Received: 03/24/26 15:40

Lab Sample ID: 310-328038-7

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/26/26 14:28*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*03/26/26 14:28*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		03/25/26 08:20	03/26/26 17:48	1
Arsenic	**0.0177**		0.00200	0.000530	mg/L		03/25/26 08:20	03/26/26 17:48	1
Barium	**0.754**		0.00200	0.000660	mg/L		03/25/26 08:20	03/26/26 17:48	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/25/26 08:20	03/26/26 17:48	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		03/25/26 08:20	03/26/26 17:48	1
Chromium	<0.00500		0.00500	0.00180	mg/L		03/25/26 08:20	03/26/26 17:48	1
Cobalt	**0.0685**		0.000500	0.000170	mg/L		03/25/26 08:20	03/26/26 17:48	1
Copper	<0.00500		0.00500	0.00320	mg/L		03/25/26 08:20	03/26/26 17:48	1
Lead	<0.000500		0.000500	0.000330	mg/L		03/25/26 08:20	03/26/26 17:48	1
Nickel	**0.0647**		0.00500	0.00230	mg/L		03/25/26 08:20	03/26/26 17:48	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/25/26 08:20	03/26/26 17:48	1
Silver	<0.00100		0.00100	0.000500	mg/L		03/25/26 08:20	03/27/26 15:23	1
Thallium	<0.00100		0.00100	0.000570	mg/L		03/25/26 08:20	03/26/26 17:48	1
Vanadium	<0.00500		0.00500	0.00170	mg/L		03/25/26 08:20	03/26/26 17:48	1
Zinc	<0.0200		0.0200	0.0130	mg/L		03/25/26 08:20	03/26/26 17:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**16.3**		3.75	2.10	mg/L			03/25/26 10:53	1

Client Sample ID: DUP-3

Date Collected: 03/20/26 18:47
Date Received: 03/24/26 15:40

Lab Sample ID: 310-328038-8

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 14:50	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 14:50	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 14:50	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 14:50	1
1,1-Dichloroethane	**2.96**		1.00	0.400	ug/L			03/26/26 14:50	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 14:50	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 14:50	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 14:50	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 14:50	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/26/26 14:50	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 14:50	1
1,2-Dichloropropane	**0.427**	**J**	1.00	0.380	ug/L			03/26/26 14:50	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/26/26 14:50	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 14:50	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 14:50	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 14:50	1
Acetone	<10.0		10.0	3.80	ug/L			03/26/26 14:50	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 14:50	1
Benzene	**0.313**	**J**	0.500	0.220	ug/L			03/26/26 14:50	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 14:50	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 14:50	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 14:50	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 14:50	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 14:50	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 14:50	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/26/26 14:50	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 14:50	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 14:50	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 14:50	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 14:50	1
cis-1,2-Dichloroethene	**35.1**		1.00	0.550	ug/L			03/26/26 14:50	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 14:50	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 14:50	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 14:50	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 14:50	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/26/26 14:50	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 14:50	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 14:50	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 14:50	1
trans-1,2-Dichloroethene	**1.06**		1.00	0.410	ug/L			03/26/26 14:50	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 14:50	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 14:50	1
Trichloroethene	**2.02**		1.00	0.350	ug/L			03/26/26 14:50	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 14:50	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 14:50	1
Vinyl chloride	**4.14**		1.00	0.430	ug/L			03/26/26 14:50	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*76 - 130*		*03/26/26 14:50*	*1*

Client Sample ID: DUP-3
Lab Sample ID: 310-328038-8

Date Collected: 03/20/26 18:47
Matrix: Water

Date Received: 03/24/26 15:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/26/26 14:50*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*03/26/26 14:50*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		03/25/26 08:20	03/26/26 17:51	1
Arsenic	**0.0103**		0.00200	0.000530	mg/L		03/25/26 08:20	03/26/26 17:51	1
Barium	**0.568**		0.00200	0.000660	mg/L		03/25/26 08:20	03/26/26 17:51	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/25/26 08:20	03/26/26 17:51	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		03/25/26 08:20	03/26/26 17:51	1
Chromium	<0.00500		0.00500	0.00180	mg/L		03/25/26 08:20	03/26/26 17:51	1
Cobalt	**0.00608**		0.000500	0.000170	mg/L		03/25/26 08:20	03/26/26 17:51	1
Copper	<0.00500		0.00500	0.00320	mg/L		03/25/26 08:20	03/26/26 17:51	1
Lead	<0.000500		0.000500	0.000330	mg/L		03/25/26 08:20	03/26/26 17:51	1
Nickel	**0.00494**	**J**	0.00500	0.00230	mg/L		03/25/26 08:20	03/26/26 17:51	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/25/26 08:20	03/26/26 17:51	1
Silver	<0.00100		0.00100	0.000500	mg/L		03/25/26 08:20	03/27/26 15:26	1
Thallium	<0.00100		0.00100	0.000570	mg/L		03/25/26 08:20	03/26/26 17:51	1
Vanadium	<0.00500		0.00500	0.00170	mg/L		03/25/26 08:20	03/26/26 17:51	1
Zinc	<0.0200		0.0200	0.0130	mg/L		03/25/26 08:20	03/26/26 17:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**17.8**		3.75	2.10	mg/L			03/25/26 10:53	1

Client Sample ID: TB-5
Lab Sample ID: 310-328038-9

Date Collected: 03/24/26 11:00
Matrix: Water
Date Received: 03/24/26 15:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 21:47	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 21:47	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 21:47	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 21:47	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/26/26 21:47	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 21:47	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 21:47	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 21:47	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 21:47	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/26/26 21:47	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 21:47	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/26/26 21:47	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/26/26 21:47	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 21:47	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 21:47	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 21:47	1
Acetone	<10.0		10.0	3.80	ug/L			03/26/26 21:47	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 21:47	1
Benzene	<0.500		0.500	0.220	ug/L			03/26/26 21:47	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 21:47	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 21:47	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 21:47	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 21:47	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 21:47	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 21:47	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/26/26 21:47	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 21:47	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 21:47	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 21:47	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 21:47	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/26/26 21:47	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 21:47	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 21:47	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 21:47	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 21:47	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/26/26 21:47	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 21:47	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 21:47	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 21:47	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/26/26 21:47	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 21:47	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 21:47	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/26/26 21:47	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 21:47	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 21:47	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/26/26 21:47	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 21:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*76 - 130*		*03/26/26 21:47*	*1*

Client Sample ID: TB-5
Lab Sample ID: 310-328038-9
Date Collected: 03/24/26 11:00
Matrix: Water
Date Received: 03/24/26 15:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		03/26/26 21:47	1
4-Bromofluorobenzene (Surr)	99		80 - 120		03/26/26 21:47	1

Client Sample ID: TB-6
Lab Sample ID: 310-328038-10

Date Collected: 03/24/26 11:00
Matrix: Water
Date Received: 03/24/26 15:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 22:09	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 22:09	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 22:09	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 22:09	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/26/26 22:09	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 22:09	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 22:09	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 22:09	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 22:09	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/26/26 22:09	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 22:09	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/26/26 22:09	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/26/26 22:09	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 22:09	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 22:09	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 22:09	1
Acetone	<10.0		10.0	3.80	ug/L			03/26/26 22:09	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 22:09	1
Benzene	<0.500		0.500	0.220	ug/L			03/26/26 22:09	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 22:09	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 22:09	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 22:09	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 22:09	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 22:09	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 22:09	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/26/26 22:09	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 22:09	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 22:09	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 22:09	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 22:09	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/26/26 22:09	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 22:09	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 22:09	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 22:09	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 22:09	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/26/26 22:09	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 22:09	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 22:09	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 22:09	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/26/26 22:09	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 22:09	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 22:09	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/26/26 22:09	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 22:09	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 22:09	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/26/26 22:09	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 22:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*76 - 130*		*03/26/26 22:09*	*1*

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-328038-1

Client Sample ID: TB-6
Date Collected: 03/24/26 11:00
Date Received: 03/24/26 15:40

Lab Sample ID: 310-328038-10
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/26/26 22:09*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*03/26/26 22:09*	*1*

Client Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-328038-1

Client Sample ID: SW-101

Date Collected: 03/20/26 13:44
Date Received: 03/24/26 15:40

Lab Sample ID: 310-328038-11

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**45.2**		5.00	2.25	mg/L			03/26/26 13:00	5

Method: EPA 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.100		0.100	0.0500	mg/L		03/26/26 08:59	03/30/26 14:33	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00111**	**J**	0.00200	0.000530	mg/L		03/25/26 08:20	03/26/26 17:53	1
Cobalt	**0.000245**	**J**	0.000500	0.000170	mg/L		03/25/26 08:20	03/26/26 17:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N (EPA 350.1)	<0.500		0.500	0.160	mg/L			03/26/26 17:51	1
Total Suspended Solids (USGS I-3765-85)	**13.7**		5.00	2.80	mg/L			03/26/26 04:20	1
Chemical Oxygen Demand (SM 5220D)	**52.5**		25.0	22.0	mg/L			03/27/26 09:09	5

Client Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-328038-1

Client Sample ID: SW-102

Date Collected: 03/20/26 14:12
Date Received: 03/24/26 15:40

Lab Sample ID: 310-328038-12

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**44.1**		5.00	2.25	mg/L			03/26/26 13:14	5

Method: EPA 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.100		0.100	0.0500	mg/L		03/26/26 08:59	03/30/26 14:51	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00120**	**J**	0.00200	0.000530	mg/L		03/25/26 08:20	03/26/26 17:56	1
Cobalt	**0.000440**	**J**	0.000500	0.000170	mg/L		03/25/26 08:20	03/26/26 17:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N (EPA 350.1)	<0.500		0.500	0.160	mg/L			03/26/26 17:54	1
Total Suspended Solids (USGS I-3765-85)	**36.7**		5.00	2.80	mg/L			03/26/26 04:20	1
Chemical Oxygen Demand (SM 5220D)	**45.7**		25.0	22.0	mg/L			03/27/26 09:09	5

Client Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-328038-1

Client Sample ID: SW-103

Date Collected: 03/20/26 13:40
Date Received: 03/24/26 15:40

Lab Sample ID: 310-328038-13

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**37.4**		5.00	2.25	mg/L			03/26/26 13:27	5

Method: EPA 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.100		0.100	0.0500	mg/L		03/26/26 08:59	03/30/26 14:54	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.000864**	**J**	0.00200	0.000530	mg/L		03/25/26 08:20	03/26/26 17:59	1
Cobalt	**0.000170**	**J**	0.000500	0.000170	mg/L		03/25/26 08:20	03/26/26 17:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N (EPA 350.1)	<0.500		0.500	0.160	mg/L			03/26/26 17:57	1
Total Suspended Solids (USGS I-3765-85)	**4.00**	**J**	5.00	2.80	mg/L			03/26/26 04:20	1
Chemical Oxygen Demand (SM 5220D)	**50.8**		25.0	22.0	mg/L			03/27/26 09:09	5

Client: HDR Inc
Job ID: 310-328038-1
Project/Site: Metro Park EAST-Landfill

Client Sample ID: SW-104
Lab Sample ID: 310-328038-14
Date Collected: 03/20/26 14:05
Matrix: Water
Date Received: 03/24/26 15:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**39.3**		5.00	2.25	mg/L			03/26/26 13:41	5

Method: EPA 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.100		0.100	0.0500	mg/L		03/26/26 08:59	03/30/26 14:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N (EPA 350.1)	<0.500		0.500	0.160	mg/L			03/26/26 18:00	1
Chemical Oxygen Demand (SM 5220D)	<25.0		25.0	22.0	mg/L			03/27/26 09:09	5

Client Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-328038-1

Client Sample ID: SW-105

Date Collected: 03/20/26 14:29
Date Received: 03/24/26 15:40

Lab Sample ID: 310-328038-15

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26.1**		1.00	0.450	mg/L			03/25/26 09:15	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**2.64**	**H H3**	0.200	0.0780	mg/L			03/25/26 09:15	1

Method: EPA 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.100		0.100	0.0500	mg/L		03/26/26 08:59	03/30/26 14:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N (EPA 350.1)	<0.500		0.500	0.160	mg/L			03/26/26 18:03	1
Chemical Oxygen Demand (SM 5220D)	**35.4**		25.0	22.0	mg/L			03/27/26 09:09	5

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-328038-1

Client Sample ID: SW-106

Date Collected: 03/20/26 13:27
Date Received: 03/24/26 15:40

Lab Sample ID: 310-328038-16

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31.5**		5.00	2.25	mg/L			03/26/26 13:54	5

Method: EPA 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.100		0.100	0.0500	mg/L		03/26/26 08:59	03/30/26 15:02	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.000848**	**J**	0.00200	0.000530	mg/L		03/25/26 08:20	03/26/26 18:01	1
Cobalt	<0.000500		0.000500	0.000170	mg/L		03/25/26 08:20	03/26/26 18:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N (EPA 350.1)	<0.500		0.500	0.160	mg/L			03/26/26 18:06	1
Total Suspended Solids (USGS I-3765-85)	<5.00		5.00	2.80	mg/L			03/26/26 04:20	1
Chemical Oxygen Demand (SM 5220D)	**223**		25.0	22.0	mg/L			03/27/26 09:09	5

Client Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-328038-1

Client Sample ID: SW-107

Date Collected: 03/20/26 13:12
Date Received: 03/24/26 15:40

Lab Sample ID: 310-328038-17

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**46.9**		5.00	2.25	mg/L			03/26/26 14:07	5

Method: EPA 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.100		0.100	0.0500	mg/L		03/26/26 08:59	03/30/26 15:04	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.000994**	**J**	0.00200	0.000530	mg/L		03/25/26 08:20	03/26/26 18:04	1
Cobalt	**0.000205**	**J**	0.000500	0.000170	mg/L		03/25/26 08:20	03/26/26 18:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N (EPA 350.1)	<0.500		0.500	0.160	mg/L			03/26/26 18:09	1
Nitrate Nitrite as N (EPA 353.2)	**8.64**		0.100	0.0830	mg/L			03/26/26 15:36	1
Total Suspended Solids (USGS I-3765-85)	**7.00**		5.00	2.80	mg/L			03/26/26 04:20	1
Chemical Oxygen Demand (SM 5220D)	**45.7**		25.0	22.0	mg/L			03/27/26 09:09	5

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

HPLC/IC

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
H3	Sample was received and analyzed past holding time. This does not meet regulatory requirements.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Surrogate Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-328038-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		DBFM	TOL	BFB
Lab Sample ID	Client Sample ID	(76-130)	(80-120)	(80-120)
310-328038-1	MW-14R	99	96	96
310-328038-2	MW-29	99	99	94
310-328038-3	MW-30R	100	99	103
310-328038-4	MW-69	100	98	99
310-328038-5	GU-3A	98	100	96
310-328038-6	DUP-1	96	97	97
310-328038-7	DUP-2	97	98	100
310-328038-8	DUP-3	97	98	103
310-328038-9	TB-5	102	99	99
310-328038-10	TB-6	95	99	95
LCS 310-484067/7	Lab Control Sample	103	99	95
LCS 310-484067/8	Lab Control Sample	95	100	96
LCS 310-484076/7	Lab Control Sample	101	95	96
LCS 310-484076/8	Lab Control Sample	96	97	102
LCS 310-484189/6	Lab Control Sample	100	99	100
LCS 310-484189/7	Lab Control Sample	101	100	96
MB 310-484067/6	Method Blank	100	99	95
MB 310-484076/6	Method Blank	96	98	99
MB 310-484189/5	Method Blank	99	98	101

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 310-484067/6
Matrix: Water
Analysis Batch: 484067

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/25/26 22:10	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/25/26 22:10	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/25/26 22:10	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/25/26 22:10	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/25/26 22:10	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/25/26 22:10	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/25/26 22:10	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/25/26 22:10	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/25/26 22:10	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/25/26 22:10	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/25/26 22:10	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/25/26 22:10	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/25/26 22:10	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/25/26 22:10	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/25/26 22:10	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/25/26 22:10	1
Acetone	<10.0		10.0	3.80	ug/L			03/25/26 22:10	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/25/26 22:10	1
Benzene	<0.500		0.500	0.220	ug/L			03/25/26 22:10	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/25/26 22:10	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/25/26 22:10	1
Bromoform	<5.00		5.00	2.60	ug/L			03/25/26 22:10	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/25/26 22:10	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/25/26 22:10	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/25/26 22:10	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/25/26 22:10	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/25/26 22:10	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/25/26 22:10	1
Chloroform	<3.00		3.00	1.30	ug/L			03/25/26 22:10	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/25/26 22:10	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/25/26 22:10	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/25/26 22:10	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/25/26 22:10	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/25/26 22:10	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/25/26 22:10	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/25/26 22:10	1
Styrene	<1.00		1.00	0.370	ug/L			03/25/26 22:10	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/25/26 22:10	1
Toluene	<1.00		1.00	0.430	ug/L			03/25/26 22:10	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/25/26 22:10	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/25/26 22:10	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/25/26 22:10	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/25/26 22:10	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/25/26 22:10	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/25/26 22:10	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/25/26 22:10	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/25/26 22:10	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-484067/6
Matrix: Water
Analysis Batch: 484067

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*100*		*76 - 130*		*03/25/26 22:10*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/25/26 22:10*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*03/25/26 22:10*	*1*

Lab Sample ID: LCS 310-484067/7
Matrix: Water
Analysis Batch: 484067

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	10.0	9.874		ug/L		99	70 - 121
1,1,1-Trichloroethane	10.0	9.460		ug/L		95	69 - 130
1,1,2,2-Tetrachloroethane	10.0	10.14		ug/L		101	70 - 122
1,1,2-Trichloroethane	10.0	10.13		ug/L		101	75 - 121
1,1-Dichloroethane	10.0	9.481		ug/L		95	69 - 127
1,1-Dichloroethene	10.0	9.689		ug/L		97	64 - 134
1,2,3-Trichloropropane	10.0	11.30		ug/L		113	70 - 122
1,2-Dibromo-3-chloropropane	10.0	9.563		ug/L		96	62 - 132
1,2-Dibromoethane (EDB)	10.0	9.940		ug/L		99	74 - 122
1,2-Dichlorobenzene	10.0	9.563		ug/L		96	74 - 120
1,2-Dichloroethane	10.0	9.460		ug/L		95	68 - 125
1,2-Dichloropropane	10.0	9.300		ug/L		93	72 - 128
1,4-Dichlorobenzene	10.0	9.197		ug/L		92	72 - 120
2-Butanone (MEK)	20.0	21.53		ug/L		108	60 - 134
2-Hexanone	20.0	20.16		ug/L		101	62 - 139
4-Methyl-2-pentanone (MIBK)	20.0	19.20		ug/L		96	62 - 136
Acetone	20.0	19.71		ug/L		99	59 - 136
Acrylonitrile	100	94.10		ug/L		94	50 - 150
Benzene	10.0	9.511		ug/L		95	71 - 125
Bromochloromethane	10.0	9.539		ug/L		95	69 - 131
Bromodichloromethane	10.0	9.638		ug/L		96	70 - 122
Bromoform	10.0	9.519		ug/L		95	62 - 122
Carbon disulfide	10.0	9.529		ug/L		95	58 - 137
Carbon tetrachloride	10.0	10.06		ug/L		101	63 - 136
Chlorobenzene	10.0	9.504		ug/L		95	74 - 120
Chlorodibromomethane	10.0	9.086		ug/L		91	69 - 121
Chloroform	10.0	9.775		ug/L		98	72 - 122
cis-1,2-Dichloroethene	10.0	9.616		ug/L		96	72 - 123
cis-1,3-Dichloropropene	10.0	9.181		ug/L		92	72 - 123
Dibromomethane	10.0	9.727		ug/L		97	72 - 122
Ethylbenzene	10.0	9.610		ug/L		96	75 - 120
Iodomethane	10.0	8.947	J	ug/L		89	18 - 150
Methylene chloride	10.0	9.452		ug/L		95	72 - 128
Styrene	10.0	9.328		ug/L		93	74 - 122
Tetrachloroethene	10.0	9.830		ug/L		98	70 - 128
Toluene	10.0	9.565		ug/L		96	74 - 120
trans-1,2-Dichloroethene	10.0	9.599		ug/L		96	67 - 127
trans-1,3-Dichloropropene	10.0	9.173		ug/L		92	67 - 123
trans-1,4-Dichloro-2-butene	10.0	10.12		ug/L		101	50 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-484067/7
Matrix: Water
Analysis Batch: 484067

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Trichloroethene	10.0	9.752		ug/L		98	70 - 128
Vinyl acetate	20.0	18.69		ug/L		93	50 - 150
Xylenes, Total	20.0	19.24		ug/L		96	74 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*103*		*76 - 130*
Toluene-d8 (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*

Lab Sample ID: LCS 310-484067/8
Matrix: Water
Analysis Batch: 484067

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	19.40		ug/L		97	33 - 138
Chloroethane	20.0	20.38		ug/L		102	59 - 139
Chloromethane	20.0	21.00		ug/L		105	52 - 146
Trichlorofluoromethane	20.0	24.06		ug/L		120	55 - 150
Vinyl chloride	20.0	21.23		ug/L		106	60 - 142

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*95*		*76 - 130*
Toluene-d8 (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*

Lab Sample ID: MB 310-484076/6
Matrix: Water
Analysis Batch: 484076

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 09:09	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 09:09	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 09:09	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 09:09	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/26/26 09:09	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 09:09	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 09:09	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 09:09	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 09:09	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/26/26 09:09	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 09:09	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/26/26 09:09	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/26/26 09:09	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 09:09	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 09:09	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 09:09	1
Acetone	<10.0		10.0	3.80	ug/L			03/26/26 09:09	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 09:09	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-484076/6
Matrix: Water
Analysis Batch: 484076

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500		0.500	0.220	ug/L			03/26/26 09:09	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 09:09	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 09:09	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 09:09	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 09:09	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 09:09	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 09:09	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/26/26 09:09	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 09:09	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 09:09	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 09:09	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 09:09	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/26/26 09:09	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 09:09	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 09:09	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 09:09	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 09:09	1
Methylene chloride	<5.00		5.00	1.70	ug/L			03/26/26 09:09	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 09:09	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 09:09	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 09:09	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/26/26 09:09	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 09:09	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 09:09	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/26/26 09:09	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 09:09	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 09:09	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/26/26 09:09	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 09:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*76 - 130*		*03/26/26 09:09*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/26/26 09:09*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*03/26/26 09:09*	*1*

Lab Sample ID: LCS 310-484076/7
Matrix: Water
Analysis Batch: 484076

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	10.0	9.687		ug/L		97	70 - 121
1,1,1-Trichloroethane	10.0	9.988		ug/L		100	69 - 130
1,1,2,2-Tetrachloroethane	10.0	10.00		ug/L		100	70 - 122
1,1,2-Trichloroethane	10.0	10.04		ug/L		100	75 - 121
1,1-Dichloroethane	10.0	9.215		ug/L		92	69 - 127
1,1-Dichloroethene	10.0	9.701		ug/L		97	64 - 134
1,2,3-Trichloropropane	10.0	10.07		ug/L		101	70 - 122
1,2-Dibromo-3-chloropropane	10.0	9.138		ug/L		91	62 - 132

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-484076/7
Matrix: Water
Analysis Batch: 484076

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	10.0	9.877		ug/L		99	74 - 122
1,2-Dichlorobenzene	10.0	9.427		ug/L		94	74 - 120
1,2-Dichloroethane	10.0	9.624		ug/L		96	68 - 125
1,2-Dichloropropane	10.0	9.410		ug/L		94	72 - 128
1,4-Dichlorobenzene	10.0	9.676		ug/L		97	72 - 120
2-Butanone (MEK)	20.0	20.29		ug/L		101	60 - 134
2-Hexanone	20.0	19.25		ug/L		96	62 - 139
4-Methyl-2-pentanone (MIBK)	20.0	18.99		ug/L		95	62 - 136
Acetone	20.0	18.60		ug/L		93	59 - 136
Acrylonitrile	100	97.24		ug/L		97	50 - 150
Benzene	10.0	9.289		ug/L		93	71 - 125
Bromochloromethane	10.0	9.930		ug/L		99	69 - 131
Bromodichloromethane	10.0	9.579		ug/L		96	70 - 122
Bromoform	10.0	9.114		ug/L		91	62 - 122
Carbon disulfide	10.0	9.439		ug/L		94	58 - 137
Carbon tetrachloride	10.0	10.02		ug/L		100	63 - 136
Chlorobenzene	10.0	9.193		ug/L		92	74 - 120
Chlorodibromomethane	10.0	9.113		ug/L		91	69 - 121
Chloroform	10.0	9.554		ug/L		96	72 - 122
cis-1,2-Dichloroethene	10.0	9.906		ug/L		99	72 - 123
cis-1,3-Dichloropropene	10.0	8.963		ug/L		90	72 - 123
Dibromomethane	10.0	9.576		ug/L		96	72 - 122
Ethylbenzene	10.0	9.303		ug/L		93	75 - 120
Iodomethane	10.0	9.593	J	ug/L		96	18 - 150
Methylene chloride	10.0	9.676		ug/L		97	72 - 128
Styrene	10.0	9.192		ug/L		92	74 - 122
Tetrachloroethene	10.0	9.451		ug/L		95	70 - 128
Toluene	10.0	9.536		ug/L		95	74 - 120
trans-1,2-Dichloroethene	10.0	9.597		ug/L		96	67 - 127
trans-1,3-Dichloropropene	10.0	9.547		ug/L		95	67 - 123
trans-1,4-Dichloro-2-butene	10.0	10.21		ug/L		102	50 - 150
Trichloroethene	10.0	9.743		ug/L		97	70 - 128
Vinyl acetate	20.0	17.92		ug/L		90	50 - 150
Xylenes, Total	20.0	18.91		ug/L		95	74 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*101*		*76 - 130*
Toluene-d8 (Surr)	*95*		*80 - 120*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*

Lab Sample ID: LCS 310-484076/8
Matrix: Water
Analysis Batch: 484076

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	18.95		ug/L		95	33 - 138
Chloroethane	20.0	19.95		ug/L		100	59 - 139
Chloromethane	20.0	20.37		ug/L		102	52 - 146

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-484076/8
Matrix: Water
Analysis Batch: 484076

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Trichlorofluoromethane	20.0	23.70		ug/L		119	55 - 150
Vinyl chloride	20.0	21.58		ug/L		108	60 - 142

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*96*		*76 - 130*
Toluene-d8 (Surr)	*97*		*80 - 120*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*

Lab Sample ID: MB 310-484189/5
Matrix: Water
Analysis Batch: 484189

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			03/26/26 19:57	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			03/26/26 19:57	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			03/26/26 19:57	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			03/26/26 19:57	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			03/26/26 19:57	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			03/26/26 19:57	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			03/26/26 19:57	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			03/26/26 19:57	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			03/26/26 19:57	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			03/26/26 19:57	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			03/26/26 19:57	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			03/26/26 19:57	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			03/26/26 19:57	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			03/26/26 19:57	1
2-Hexanone	<10.0		10.0	3.80	ug/L			03/26/26 19:57	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			03/26/26 19:57	1
Acetone	<10.0		10.0	3.80	ug/L			03/26/26 19:57	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			03/26/26 19:57	1
Benzene	<0.500		0.500	0.220	ug/L			03/26/26 19:57	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			03/26/26 19:57	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			03/26/26 19:57	1
Bromoform	<5.00		5.00	2.60	ug/L			03/26/26 19:57	1
Bromomethane	<4.00		4.00	1.10	ug/L			03/26/26 19:57	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			03/26/26 19:57	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			03/26/26 19:57	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			03/26/26 19:57	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			03/26/26 19:57	1
Chloroethane	<4.00		4.00	0.900	ug/L			03/26/26 19:57	1
Chloroform	<3.00		3.00	1.30	ug/L			03/26/26 19:57	1
Chloromethane	<3.00		3.00	0.610	ug/L			03/26/26 19:57	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			03/26/26 19:57	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			03/26/26 19:57	1
Dibromomethane	<1.00		1.00	0.330	ug/L			03/26/26 19:57	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			03/26/26 19:57	1
Iodomethane	<10.0		10.0	2.60	ug/L			03/26/26 19:57	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-484189/5
Matrix: Water
Analysis Batch: 484189

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene chloride	<5.00		5.00	1.70	ug/L			03/26/26 19:57	1
Styrene	<1.00		1.00	0.370	ug/L			03/26/26 19:57	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			03/26/26 19:57	1
Toluene	<1.00		1.00	0.430	ug/L			03/26/26 19:57	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			03/26/26 19:57	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			03/26/26 19:57	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			03/26/26 19:57	1
Trichloroethene	<1.00		1.00	0.350	ug/L			03/26/26 19:57	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			03/26/26 19:57	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			03/26/26 19:57	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			03/26/26 19:57	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			03/26/26 19:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*76 - 130*		*03/26/26 19:57*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/26/26 19:57*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*03/26/26 19:57*	*1*

Lab Sample ID: LCS 310-484189/6
Matrix: Water
Analysis Batch: 484189

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	10.0	9.915		ug/L		99	70 - 121
1,1,1-Trichloroethane	10.0	9.763		ug/L		98	69 - 130
1,1,2,2-Tetrachloroethane	10.0	10.02		ug/L		100	70 - 122
1,1,2-Trichloroethane	10.0	10.15		ug/L		101	75 - 121
1,1-Dichloroethane	10.0	9.305		ug/L		93	69 - 127
1,1-Dichloroethene	10.0	9.757		ug/L		98	64 - 134
1,2,3-Trichloropropane	10.0	10.67		ug/L		107	70 - 122
1,2-Dibromo-3-chloropropane	10.0	9.209		ug/L		92	62 - 132
1,2-Dibromoethane (EDB)	10.0	9.918		ug/L		99	74 - 122
1,2-Dichlorobenzene	10.0	9.621		ug/L		96	74 - 120
1,2-Dichloroethane	10.0	9.753		ug/L		98	68 - 125
1,2-Dichloropropane	10.0	9.635		ug/L		96	72 - 128
1,4-Dichlorobenzene	10.0	9.861		ug/L		99	72 - 120
2-Butanone (MEK)	20.0	20.05		ug/L		100	60 - 134
2-Hexanone	20.0	19.11		ug/L		96	62 - 139
4-Methyl-2-pentanone (MIBK)	20.0	18.41		ug/L		92	62 - 136
Acetone	20.0	19.51		ug/L		98	59 - 136
Acrylonitrile	100	91.70		ug/L		92	50 - 150
Benzene	10.0	9.615		ug/L		96	71 - 125
Bromochloromethane	10.0	9.473		ug/L		95	69 - 131
Bromodichloromethane	10.0	9.357		ug/L		94	70 - 122
Bromoform	10.0	9.459		ug/L		95	62 - 122
Carbon disulfide	10.0	9.628		ug/L		96	58 - 137
Carbon tetrachloride	10.0	9.632		ug/L		96	63 - 136
Chlorobenzene	10.0	9.613		ug/L		96	74 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-484189/6
Matrix: Water
Analysis Batch: 484189

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorodibromomethane	10.0	9.019		ug/L		90	69 - 121
Chloroform	10.0	9.421		ug/L		94	72 - 122
cis-1,2-Dichloroethene	10.0	9.467		ug/L		95	72 - 123
cis-1,3-Dichloropropene	10.0	9.295		ug/L		93	72 - 123
Dibromomethane	10.0	10.02		ug/L		100	72 - 122
Ethylbenzene	10.0	9.576		ug/L		96	75 - 120
Iodomethane	10.0	8.838	J	ug/L		88	18 - 150
Methylene chloride	10.0	9.765		ug/L		98	72 - 128
Styrene	10.0	9.468		ug/L		95	74 - 122
Tetrachloroethene	10.0	9.785		ug/L		98	70 - 128
Toluene	10.0	9.609		ug/L		96	74 - 120
trans-1,2-Dichloroethene	10.0	9.132		ug/L		91	67 - 127
trans-1,3-Dichloropropene	10.0	9.295		ug/L		93	67 - 123
trans-1,4-Dichloro-2-butene	10.0	10.59		ug/L		106	50 - 150
Trichloroethene	10.0	9.330		ug/L		93	70 - 128
Vinyl acetate	20.0	17.03		ug/L		85	50 - 150
Xylenes, Total	20.0	19.04		ug/L		95	74 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*100*		*76 - 130*
Toluene-d8 (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*

Lab Sample ID: LCS 310-484189/7
Matrix: Water
Analysis Batch: 484189

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	18.82		ug/L		94	33 - 138
Chloroethane	20.0	18.88		ug/L		94	59 - 139
Chloromethane	20.0	19.51		ug/L		98	52 - 146
Trichlorofluoromethane	20.0	22.83		ug/L		114	55 - 150
Vinyl chloride	20.0	20.56		ug/L		103	60 - 142

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*101*		*76 - 130*
Toluene-d8 (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 310-484224/3
Matrix: Water
Analysis Batch: 484224

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.00		1.00	0.450	mg/L			03/24/26 14:07	1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 310-484224/4
Matrix: Water
Analysis Batch: 484224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.40		mg/L		104	90 - 110

Lab Sample ID: MB 310-484300/3
Matrix: Water
Analysis Batch: 484300

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.00		1.00	0.450	mg/L			03/26/26 08:48	1

Lab Sample ID: LCS 310-484300/4
Matrix: Water
Analysis Batch: 484300

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.35		mg/L		103	90 - 110

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 310-484224/3
Matrix: Water
Analysis Batch: 484224

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.200		0.200	0.0780	mg/L			03/24/26 14:07	1

Lab Sample ID: LCS 310-484224/4
Matrix: Water
Analysis Batch: 484224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.00	2.174		mg/L		109	90 - 110

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 310-484014/1-B
Matrix: Water
Analysis Batch: 484506

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 484054

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.100		0.100	0.0500	mg/L		03/26/26 08:59	03/30/26 14:28	1

Lab Sample ID: LCS 310-484014/2-B
Matrix: Water
Analysis Batch: 484506

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 484054

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	0.200	0.2243		mg/L		112	85 - 115

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-328038-11 MS
Matrix: Water
Analysis Batch: 484506

Client Sample ID: SW-101
Prep Type: Dissolved
Prep Batch: 484054

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	<0.100		0.200	0.2477		mg/L		124	70 - 130

Lab Sample ID: 310-328038-11 MSD
Matrix: Water
Analysis Batch: 484506

Client Sample ID: SW-101
Prep Type: Dissolved
Prep Batch: 484054

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron	<0.100		0.200	0.2382		mg/L		119	70 - 130	4	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 310-484017/1-A
Matrix: Water
Analysis Batch: 484302

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 484017

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		03/25/26 08:20	03/26/26 16:54	1
Arsenic	<0.00200		0.00200	0.000530	mg/L		03/25/26 08:20	03/26/26 16:54	1
Barium	<0.00200		0.00200	0.000660	mg/L		03/25/26 08:20	03/26/26 16:54	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		03/25/26 08:20	03/26/26 16:54	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		03/25/26 08:20	03/26/26 16:54	1
Chromium	<0.00500		0.00500	0.00180	mg/L		03/25/26 08:20	03/26/26 16:54	1
Cobalt	<0.000500		0.000500	0.000170	mg/L		03/25/26 08:20	03/26/26 16:54	1
Copper	<0.00500		0.00500	0.00320	mg/L		03/25/26 08:20	03/26/26 16:54	1
Lead	<0.000500		0.000500	0.000330	mg/L		03/25/26 08:20	03/26/26 16:54	1
Nickel	<0.00500		0.00500	0.00230	mg/L		03/25/26 08:20	03/26/26 16:54	1
Selenium	<0.00500		0.00500	0.00140	mg/L		03/25/26 08:20	03/26/26 16:54	1
Silver	<0.00100		0.00100	0.000500	mg/L		03/25/26 08:20	03/26/26 16:54	1
Thallium	<0.00100		0.00100	0.000570	mg/L		03/25/26 08:20	03/26/26 16:54	1
Vanadium	<0.00500		0.00500	0.00170	mg/L		03/25/26 08:20	03/26/26 16:54	1
Zinc	<0.0200		0.0200	0.0130	mg/L		03/25/26 08:20	03/26/26 16:54	1

Lab Sample ID: LCS 310-484017/2-A
Matrix: Water
Analysis Batch: 484302

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 484017

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.200	0.2089		mg/L		104	80 - 120
Arsenic	0.200	0.1879		mg/L		94	80 - 120
Barium	0.100	0.09681		mg/L		97	80 - 120
Beryllium	0.100	0.09846		mg/L		98	80 - 120
Cadmium	0.100	0.09642		mg/L		96	80 - 120
Chromium	0.100	0.09816		mg/L		98	80 - 120
Cobalt	0.100	0.1017		mg/L		102	80 - 120
Copper	0.200	0.1980		mg/L		99	80 - 120
Lead	0.200	0.1974		mg/L		99	80 - 120
Nickel	0.200	0.1971		mg/L		99	80 - 120
Selenium	0.400	0.3742		mg/L		94	80 - 120
Silver	0.100	0.1081		mg/L		108	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 310-484017/2-A
Matrix: Water
Analysis Batch: 484302

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 484017

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	0.100	0.09644		mg/L		96	80 - 120
Vanadium	0.100	0.09657		mg/L		97	80 - 120
Zinc	0.200	0.1896		mg/L		95	80 - 120

Lab Sample ID: 310-328038-6 DU
Matrix: Water
Analysis Batch: 484302

Client Sample ID: DUP-1
Prep Type: Total/NA
Prep Batch: 484017

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.00200		<0.00200		mg/L		NC	20
Arsenic	0.0247		0.02416		mg/L		2	20
Barium	0.364		0.3681		mg/L		1	20
Beryllium	<0.00100		<0.00100		mg/L		NC	20
Cadmium	<0.000200		<0.000200		mg/L		NC	20
Chromium	<0.00500		<0.00500		mg/L		NC	20
Cobalt	0.000438	J	0.0004310	J	mg/L		2	20
Copper	<0.00500		<0.00500		mg/L		NC	20
Lead	<0.000500		<0.000500		mg/L		NC	20
Nickel	<0.00500		<0.00500		mg/L		NC	20
Selenium	<0.00500		<0.00500		mg/L		NC	20
Silver	<0.00100		<0.00100		mg/L		NC	20
Thallium	<0.00100		<0.00100		mg/L		NC	20
Vanadium	<0.00500		<0.00500		mg/L		NC	20
Zinc	<0.0200		<0.0200		mg/L		NC	20

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 310-484273/16
Matrix: Water
Analysis Batch: 484273

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	<0.500		0.500	0.160	mg/L			03/26/26 17:06	1

Lab Sample ID: LCS 310-484273/17
Matrix: Water
Analysis Batch: 484273

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia as N	2.26	2.166		mg/L		96	90 - 110

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 310-484239/27
Matrix: Water
Analysis Batch: 484239

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	<0.100		0.100	0.0830	mg/L			03/26/26 15:01	1

Method: 353.2 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: MB 310-484239/55
Matrix: Water
Analysis Batch: 484239

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	<0.100		0.100	0.0830	mg/L			03/26/26 15:52	1

Lab Sample ID: LCS 310-484239/28
Matrix: Water
Analysis Batch: 484239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	2.19	2.302		mg/L		105	90 - 110

Lab Sample ID: LCS 310-484239/87
Matrix: Water
Analysis Batch: 484239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	2.19	2.112		mg/L		96	90 - 110

Method: 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 500-859348/1
Matrix: Water
Analysis Batch: 859348

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.00		1.00	0.231	mg/L			03/30/26 10:30	1
Sulfide as H2S	<1.00		1.00	0.231	mg/L			03/30/26 10:30	1

Lab Sample ID: LCS 500-859348/2
Matrix: Water
Analysis Batch: 859348

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	3.81	3.759		mg/L		99	80 - 120

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-484069/1
Matrix: Water
Analysis Batch: 484069

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	2.80	mg/L			03/25/26 10:53	1

Lab Sample ID: LCS 310-484069/2
Matrix: Water
Analysis Batch: 484069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	93.00		mg/L		93	82 - 117

Method: I-3765-85 - Residue, Non-filterable (TSS) (Continued)

Lab Sample ID: MB 310-484136/1
Matrix: Water
Analysis Batch: 484136

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	2.80	mg/L			03/26/26 04:20	1

Lab Sample ID: LCS 310-484136/2
Matrix: Water
Analysis Batch: 484136

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	91.00		mg/L		91	82 - 117

Lab Sample ID: MB 310-484171/1
Matrix: Water
Analysis Batch: 484171

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	2.80	mg/L			03/26/26 08:42	1

Lab Sample ID: LCS 310-484171/2
Matrix: Water
Analysis Batch: 484171

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	95.00		mg/L		95	82 - 117

Method: SM 5220D - COD

Lab Sample ID: MB 310-484293/5
Matrix: Water
Analysis Batch: 484293

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<5.00		5.00	4.40	mg/L			03/27/26 09:09	1

Lab Sample ID: LCS 310-484293/3
Matrix: Water
Analysis Batch: 484293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chemical Oxygen Demand	62.7	59.87		mg/L		96	85 - 115

Method: SM 5310C - TOC

Lab Sample ID: MB 310-484597/11
Matrix: Water
Analysis Batch: 484597

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	<1.00		1.00	0.500	mg/L			03/31/26 10:46	1

Method: SM 5310C - TOC (Continued)

Lab Sample ID: LCS 310-484597/12
Matrix: Water
Analysis Batch: 484597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			9.99	10.31		mg/L		103	85 - 115		

Lab Sample ID: MB 310-484875/13
Matrix: Water
Analysis Batch: 484875

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	<1.00		1.00	0.500	mg/L			04/02/26 15:03	1

Lab Sample ID: LCS 310-484875/14
Matrix: Water
Analysis Batch: 484875

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			9.99	10.22		mg/L		102	85 - 115		

Lab Sample ID: 310-328038-2 DU
Matrix: Water
Analysis Batch: 484875

Client Sample ID: MW-29
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Organic Carbon	9.63			9.623		mg/L				0.1	15

QC Association Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill

Job ID: 310-328038-1

GC/MS VOA

Analysis Batch: 484067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-328038-1	MW-14R	Total/NA	Water	8260D	
310-328038-2	MW-29	Total/NA	Water	8260D	
310-328038-3	MW-30R	Total/NA	Water	8260D	
310-328038-4	MW-69	Total/NA	Water	8260D	
310-328038-6	DUP-1	Total/NA	Water	8260D	
MB 310-484067/6	Method Blank	Total/NA	Water	8260D	
LCS 310-484067/7	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-484067/8	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 484076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-328038-7	DUP-2	Total/NA	Water	8260D	
310-328038-8	DUP-3	Total/NA	Water	8260D	
MB 310-484076/6	Method Blank	Total/NA	Water	8260D	
LCS 310-484076/7	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-484076/8	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 484189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-328038-5	GU-3A	Total/NA	Water	8260D	
310-328038-9	TB-5	Total/NA	Water	8260D	
310-328038-10	TB-6	Total/NA	Water	8260D	
MB 310-484189/5	Method Blank	Total/NA	Water	8260D	
LCS 310-484189/6	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-484189/7	Lab Control Sample	Total/NA	Water	8260D	

HPLC/IC

Analysis Batch: 484224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-328038-15	SW-105	Total/NA	Water	300.0	
310-328038-15	SW-105	Total/NA	Water	9056A	
MB 310-484224/3	Method Blank	Total/NA	Water	300.0	
MB 310-484224/3	Method Blank	Total/NA	Water	9056A	
LCS 310-484224/4	Lab Control Sample	Total/NA	Water	300.0	
LCS 310-484224/4	Lab Control Sample	Total/NA	Water	9056A	

Analysis Batch: 484300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-328038-11	SW-101	Total/NA	Water	300.0	
310-328038-12	SW-102	Total/NA	Water	300.0	
310-328038-13	SW-103	Total/NA	Water	300.0	
310-328038-14	SW-104	Total/NA	Water	300.0	
310-328038-16	SW-106	Total/NA	Water	300.0	
310-328038-17	SW-107	Total/NA	Water	300.0	
MB 310-484300/3	Method Blank	Total/NA	Water	300.0	
LCS 310-484300/4	Lab Control Sample	Total/NA	Water	300.0	

Metals

Filtration Batch: 484014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-328038-11	SW-101	Dissolved	Water	Filtration	
310-328038-12	SW-102	Dissolved	Water	Filtration	
310-328038-13	SW-103	Dissolved	Water	Filtration	
310-328038-14	SW-104	Dissolved	Water	Filtration	
310-328038-15	SW-105	Dissolved	Water	Filtration	
310-328038-16	SW-106	Dissolved	Water	Filtration	
310-328038-17	SW-107	Dissolved	Water	Filtration	
MB 310-484014/1-B	Method Blank	Dissolved	Water	Filtration	
LCS 310-484014/2-B	Lab Control Sample	Dissolved	Water	Filtration	
310-328038-11 MS	SW-101	Dissolved	Water	Filtration	
310-328038-11 MSD	SW-101	Dissolved	Water	Filtration	

Prep Batch: 484017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-328038-1	MW-14R	Total/NA	Water	3005A	
310-328038-2	MW-29	Total/NA	Water	3005A	
310-328038-3	MW-30R	Total/NA	Water	3005A	
310-328038-5	GU-3A	Total/NA	Water	3005A	
310-328038-6	DUP-1	Total/NA	Water	3005A	
310-328038-7	DUP-2	Total/NA	Water	3005A	
310-328038-8	DUP-3	Total/NA	Water	3005A	
310-328038-11	SW-101	Total/NA	Water	3005A	
310-328038-12	SW-102	Total/NA	Water	3005A	
310-328038-13	SW-103	Total/NA	Water	3005A	
310-328038-16	SW-106	Total/NA	Water	3005A	
310-328038-17	SW-107	Total/NA	Water	3005A	
MB 310-484017/1-A	Method Blank	Total/NA	Water	200.8	
LCS 310-484017/2-A	Lab Control Sample	Total/NA	Water	200.8	
310-328038-6 DU	DUP-1	Total/NA	Water	3005A	

Prep Batch: 484054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-328038-11	SW-101	Dissolved	Water	200.8	484014
310-328038-12	SW-102	Dissolved	Water	200.8	484014
310-328038-13	SW-103	Dissolved	Water	200.8	484014
310-328038-14	SW-104	Dissolved	Water	200.8	484014
310-328038-15	SW-105	Dissolved	Water	200.8	484014
310-328038-16	SW-106	Dissolved	Water	200.8	484014
310-328038-17	SW-107	Dissolved	Water	200.8	484014
MB 310-484014/1-B	Method Blank	Dissolved	Water	200.8	484014
LCS 310-484014/2-B	Lab Control Sample	Dissolved	Water	200.8	484014
310-328038-11 MS	SW-101	Dissolved	Water	200.8	484014
310-328038-11 MSD	SW-101	Dissolved	Water	200.8	484014

Analysis Batch: 484302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-328038-1	MW-14R	Total/NA	Water	6020B	484017
310-328038-2	MW-29	Total/NA	Water	6020B	484017
310-328038-3	MW-30R	Total/NA	Water	6020B	484017
310-328038-5	GU-3A	Total/NA	Water	6020B	484017
310-328038-6	DUP-1	Total/NA	Water	6020B	484017

Metals (Continued)

Analysis Batch: 484302 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-328038-7	DUP-2	Total/NA	Water	6020B	484017
310-328038-8	DUP-3	Total/NA	Water	6020B	484017
310-328038-11	SW-101	Total/NA	Water	6020B	484017
310-328038-12	SW-102	Total/NA	Water	6020B	484017
310-328038-13	SW-103	Total/NA	Water	6020B	484017
310-328038-16	SW-106	Total/NA	Water	6020B	484017
310-328038-17	SW-107	Total/NA	Water	6020B	484017
MB 310-484017/1-A	Method Blank	Total/NA	Water	6020B	484017
LCS 310-484017/2-A	Lab Control Sample	Total/NA	Water	6020B	484017
310-328038-6 DU	DUP-1	Total/NA	Water	6020B	484017

Analysis Batch: 484355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-328038-7	DUP-2	Total/NA	Water	6020B	484017
310-328038-8	DUP-3	Total/NA	Water	6020B	484017

Analysis Batch: 484506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-328038-11	SW-101	Dissolved	Water	200.8	484054
310-328038-12	SW-102	Dissolved	Water	200.8	484054
310-328038-13	SW-103	Dissolved	Water	200.8	484054
310-328038-14	SW-104	Dissolved	Water	200.8	484054
310-328038-15	SW-105	Dissolved	Water	200.8	484054
310-328038-16	SW-106	Dissolved	Water	200.8	484054
310-328038-17	SW-107	Dissolved	Water	200.8	484054
MB 310-484014/1-B	Method Blank	Dissolved	Water	200.8	484054
LCS 310-484014/2-B	Lab Control Sample	Dissolved	Water	200.8	484054
310-328038-11 MS	SW-101	Dissolved	Water	200.8	484054
310-328038-11 MSD	SW-101	Dissolved	Water	200.8	484054

General Chemistry

Analysis Batch: 484069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-328038-1	MW-14R	Total/NA	Water	I-3765-85	
310-328038-2	MW-29	Total/NA	Water	I-3765-85	
310-328038-3	MW-30R	Total/NA	Water	I-3765-85	
310-328038-4	MW-69	Total/NA	Water	I-3765-85	
310-328038-7	DUP-2	Total/NA	Water	I-3765-85	
310-328038-8	DUP-3	Total/NA	Water	I-3765-85	
MB 310-484069/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-484069/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Analysis Batch: 484136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-328038-6	DUP-1	Total/NA	Water	I-3765-85	
310-328038-11	SW-101	Total/NA	Water	I-3765-85	
310-328038-12	SW-102	Total/NA	Water	I-3765-85	
310-328038-13	SW-103	Total/NA	Water	I-3765-85	
310-328038-16	SW-106	Total/NA	Water	I-3765-85	
310-328038-17	SW-107	Total/NA	Water	I-3765-85	

General Chemistry (Continued)

Analysis Batch: 484136 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 310-484136/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-484136/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Analysis Batch: 484171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-328038-5	GU-3A	Total/NA	Water	I-3765-85	
MB 310-484171/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-484171/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Analysis Batch: 484239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-328038-17	SW-107	Total/NA	Water	353.2	
MB 310-484239/27	Method Blank	Total/NA	Water	353.2	
MB 310-484239/55	Method Blank	Total/NA	Water	353.2	
LCS 310-484239/28	Lab Control Sample	Total/NA	Water	353.2	
LCS 310-484239/87	Lab Control Sample	Total/NA	Water	353.2	

Analysis Batch: 484273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-328038-11	SW-101	Total/NA	Water	350.1	
310-328038-12	SW-102	Total/NA	Water	350.1	
310-328038-13	SW-103	Total/NA	Water	350.1	
310-328038-14	SW-104	Total/NA	Water	350.1	
310-328038-15	SW-105	Total/NA	Water	350.1	
310-328038-16	SW-106	Total/NA	Water	350.1	
310-328038-17	SW-107	Total/NA	Water	350.1	
MB 310-484273/16	Method Blank	Total/NA	Water	350.1	
LCS 310-484273/17	Lab Control Sample	Total/NA	Water	350.1	

Analysis Batch: 484293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-328038-11	SW-101	Total/NA	Water	SM 5220D	
310-328038-12	SW-102	Total/NA	Water	SM 5220D	
310-328038-13	SW-103	Total/NA	Water	SM 5220D	
310-328038-14	SW-104	Total/NA	Water	SM 5220D	
310-328038-15	SW-105	Total/NA	Water	SM 5220D	
310-328038-16	SW-106	Total/NA	Water	SM 5220D	
310-328038-17	SW-107	Total/NA	Water	SM 5220D	
MB 310-484293/5	Method Blank	Total/NA	Water	SM 5220D	
LCS 310-484293/3	Lab Control Sample	Total/NA	Water	SM 5220D	

Analysis Batch: 484597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-328038-1	MW-14R	Total/NA	Water	SM 5310C	
310-328038-3	MW-30R	Total/NA	Water	SM 5310C	
MB 310-484597/11	Method Blank	Total/NA	Water	SM 5310C	
LCS 310-484597/12	Lab Control Sample	Total/NA	Water	SM 5310C	

Analysis Batch: 484875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-328038-2	MW-29	Total/NA	Water	SM 5310C	

General Chemistry (Continued)

Analysis Batch: 484875 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 310-484875/13	Method Blank	Total/NA	Water	SM 5310C	
LCS 310-484875/14	Lab Control Sample	Total/NA	Water	SM 5310C	
310-328038-2 DU	MW-29	Total/NA	Water	SM 5310C	

Analysis Batch: 859348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-328038-1	MW-14R	Total/NA	Water	9034	
MB 500-859348/1	Method Blank	Total/NA	Water	9034	
LCS 500-859348/2	Lab Control Sample	Total/NA	Water	9034	

Lab Chronicle

Client: HDR Inc
Job ID: 310-328038-1
Project/Site: Metro Park EAST-Landfill

Client Sample ID: MW-14R
Lab Sample ID: 310-328038-1
Date Collected: 03/20/26 16:35
Matrix: Water
Date Received: 03/24/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	484067	WSE8	EET CF	03/26/26 03:18
Total/NA	Prep	3005A			484017	F8JX	EET CF	03/25/26 08:20
Total/NA	Analysis	6020B		1	484302	ZRI4	EET CF	03/26/26 17:28
Total/NA	Analysis	9034		1	859348	TR	EET CHI	03/30/26 10:45 - 03/30/26 10:48 [1]
Total/NA	Analysis	I-3765-85		1	484069	DGU1	EET CF	03/25/26 10:53
Total/NA	Analysis	SM 5310C		1	484597	DGU1	EET CF	03/31/26 14:22

Client Sample ID: MW-29
Lab Sample ID: 310-328038-2
Date Collected: 03/20/26 17:43
Matrix: Water
Date Received: 03/24/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	484067	WSE8	EET CF	03/26/26 03:40
Total/NA	Prep	3005A			484017	F8JX	EET CF	03/25/26 08:20
Total/NA	Analysis	6020B		1	484302	ZRI4	EET CF	03/26/26 17:30
Total/NA	Analysis	I-3765-85		1	484069	DGU1	EET CF	03/25/26 10:53
Total/NA	Analysis	SM 5310C		2	484875	DGU1	EET CF	04/02/26 16:15

Client Sample ID: MW-30R
Lab Sample ID: 310-328038-3
Date Collected: 03/20/26 18:41
Matrix: Water
Date Received: 03/24/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	484067	WSE8	EET CF	03/26/26 04:02
Total/NA	Prep	3005A			484017	F8JX	EET CF	03/25/26 08:20
Total/NA	Analysis	6020B		1	484302	ZRI4	EET CF	03/26/26 17:33
Total/NA	Analysis	I-3765-85		1	484069	DGU1	EET CF	03/25/26 10:53
Total/NA	Analysis	SM 5310C		1	484597	DGU1	EET CF	03/31/26 15:34

Client Sample ID: MW-69
Lab Sample ID: 310-328038-4
Date Collected: 03/20/26 19:05
Matrix: Water
Date Received: 03/24/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	484067	WSE8	EET CF	03/26/26 04:24
Total/NA	Analysis	I-3765-85		1	484069	DGU1	EET CF	03/25/26 10:53

Client Sample ID: GU-3A
Lab Sample ID: 310-328038-5
Date Collected: 03/23/26 12:55
Matrix: Water
Date Received: 03/24/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	484189	WSE8	EET CF	03/26/26 23:36

Lab Chronicle

Client: HDR Inc
Job ID: 310-328038-1
Project/Site: Metro Park EAST-Landfill

Client Sample ID: GU-3A
Lab Sample ID: 310-328038-5
Date Collected: 03/23/26 12:55
Matrix: Water
Date Received: 03/24/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3005A			484017	F8JX	EET CF	03/25/26 08:20
Total/NA	Analysis	6020B		1	484302	ZRI4	EET CF	03/26/26 17:35
Total/NA	Analysis	I-3765-85		1	484171	DGU1	EET CF	03/26/26 08:42

Client Sample ID: DUP-1
Lab Sample ID: 310-328038-6
Date Collected: 03/20/26 16:45
Matrix: Water
Date Received: 03/24/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	484067	WSE8	EET CF	03/26/26 04:46
Total/NA	Prep	3005A			484017	F8JX	EET CF	03/25/26 08:20
Total/NA	Analysis	6020B		1	484302	ZRI4	EET CF	03/26/26 17:38
Total/NA	Analysis	I-3765-85		1	484136	DGU1	EET CF	03/26/26 04:20

Client Sample ID: DUP-2
Lab Sample ID: 310-328038-7
Date Collected: 03/20/26 17:50
Matrix: Water
Date Received: 03/24/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	484076	WSE8	EET CF	03/26/26 14:28
Total/NA	Prep	3005A			484017	F8JX	EET CF	03/25/26 08:20
Total/NA	Analysis	6020B		1	484302	ZRI4	EET CF	03/26/26 17:48
Total/NA	Prep	3005A			484017	F8JX	EET CF	03/25/26 08:20
Total/NA	Analysis	6020B		1	484355	ZRI4	EET CF	03/27/26 15:23
Total/NA	Analysis	I-3765-85		1	484069	DGU1	EET CF	03/25/26 10:53

Client Sample ID: DUP-3
Lab Sample ID: 310-328038-8
Date Collected: 03/20/26 18:47
Matrix: Water
Date Received: 03/24/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	484076	WSE8	EET CF	03/26/26 14:50
Total/NA	Prep	3005A			484017	F8JX	EET CF	03/25/26 08:20
Total/NA	Analysis	6020B		1	484302	ZRI4	EET CF	03/26/26 17:51
Total/NA	Prep	3005A			484017	F8JX	EET CF	03/25/26 08:20
Total/NA	Analysis	6020B		1	484355	ZRI4	EET CF	03/27/26 15:26
Total/NA	Analysis	I-3765-85		1	484069	DGU1	EET CF	03/25/26 10:53

Client Sample ID: TB-5
Lab Sample ID: 310-328038-9
Date Collected: 03/24/26 11:00
Matrix: Water
Date Received: 03/24/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	484189	WSE8	EET CF	03/26/26 21:47

Lab Chronicle

Client: HDR Inc
Job ID: 310-328038-1
Project/Site: Metro Park EAST-Landfill

Client Sample ID: TB-6
Lab Sample ID: 310-328038-10
Date Collected: 03/24/26 11:00
Matrix: Water
Date Received: 03/24/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	484189	WSE8	EET CF	03/26/26 22:09

Client Sample ID: SW-101
Lab Sample ID: 310-328038-11
Date Collected: 03/20/26 13:44
Matrix: Water
Date Received: 03/24/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		5	484300	HE7K	EET CF	03/26/26 13:00
Dissolved	Filtration	Filtration			484014	F8JX	EET CF	03/25/26 08:00
Dissolved	Prep	200.8			484054	F8JX	EET CF	03/26/26 08:59
Dissolved	Analysis	200.8		1	484506	NFT2	EET CF	03/30/26 14:33
Total/NA	Prep	3005A			484017	F8JX	EET CF	03/25/26 08:20
Total/NA	Analysis	6020B		1	484302	ZRI4	EET CF	03/26/26 17:53
Total/NA	Analysis	350.1		1	484273	WZC8	EET CF	03/26/26 17:51
Total/NA	Analysis	I-3765-85		1	484136	DGU1	EET CF	03/26/26 04:20
Total/NA	Analysis	SM 5220D		5	484293	ENB7	EET CF	03/27/26 09:09

Client Sample ID: SW-102
Lab Sample ID: 310-328038-12
Date Collected: 03/20/26 14:12
Matrix: Water
Date Received: 03/24/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		5	484300	HE7K	EET CF	03/26/26 13:14
Dissolved	Filtration	Filtration			484014	F8JX	EET CF	03/25/26 08:00
Dissolved	Prep	200.8			484054	F8JX	EET CF	03/26/26 08:59
Dissolved	Analysis	200.8		1	484506	NFT2	EET CF	03/30/26 14:51
Total/NA	Prep	3005A			484017	F8JX	EET CF	03/25/26 08:20
Total/NA	Analysis	6020B		1	484302	ZRI4	EET CF	03/26/26 17:56
Total/NA	Analysis	350.1		1	484273	WZC8	EET CF	03/26/26 17:54
Total/NA	Analysis	I-3765-85		1	484136	DGU1	EET CF	03/26/26 04:20
Total/NA	Analysis	SM 5220D		5	484293	ENB7	EET CF	03/27/26 09:09

Client Sample ID: SW-103
Lab Sample ID: 310-328038-13
Date Collected: 03/20/26 13:40
Matrix: Water
Date Received: 03/24/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		5	484300	HE7K	EET CF	03/26/26 13:27
Dissolved	Filtration	Filtration			484014	F8JX	EET CF	03/25/26 08:00
Dissolved	Prep	200.8			484054	F8JX	EET CF	03/26/26 08:59
Dissolved	Analysis	200.8		1	484506	NFT2	EET CF	03/30/26 14:54
Total/NA	Prep	3005A			484017	F8JX	EET CF	03/25/26 08:20
Total/NA	Analysis	6020B		1	484302	ZRI4	EET CF	03/26/26 17:59
Total/NA	Analysis	350.1		1	484273	WZC8	EET CF	03/26/26 17:57

Lab Chronicle

Client: HDR Inc
Job ID: 310-328038-1
Project/Site: Metro Park EAST-Landfill

Client Sample ID: SW-103
Lab Sample ID: 310-328038-13
Date Collected: 03/20/26 13:40
Matrix: Water
Date Received: 03/24/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	I-3765-85		1	484136	DGU1	EET CF	03/26/26 04:20
Total/NA	Analysis	SM 5220D		5	484293	ENB7	EET CF	03/27/26 09:09

Client Sample ID: SW-104
Lab Sample ID: 310-328038-14
Date Collected: 03/20/26 14:05
Matrix: Water
Date Received: 03/24/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		5	484300	HE7K	EET CF	03/26/26 13:41
Dissolved	Filtration	Filtration			484014	F8JX	EET CF	03/25/26 08:00
Dissolved	Prep	200.8			484054	F8JX	EET CF	03/26/26 08:59
Dissolved	Analysis	200.8		1	484506	NFT2	EET CF	03/30/26 14:56
Total/NA	Analysis	350.1		1	484273	WZC8	EET CF	03/26/26 18:00
Total/NA	Analysis	SM 5220D		5	484293	ENB7	EET CF	03/27/26 09:09

Client Sample ID: SW-105
Lab Sample ID: 310-328038-15
Date Collected: 03/20/26 14:29
Matrix: Water
Date Received: 03/24/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	484224	HE7K	EET CF	03/25/26 09:15
Total/NA	Analysis	9056A		1	484224	HE7K	EET CF	03/25/26 09:15
Dissolved	Filtration	Filtration			484014	F8JX	EET CF	03/25/26 08:00
Dissolved	Prep	200.8			484054	F8JX	EET CF	03/26/26 08:59
Dissolved	Analysis	200.8		1	484506	NFT2	EET CF	03/30/26 14:59
Total/NA	Analysis	350.1		1	484273	WZC8	EET CF	03/26/26 18:03
Total/NA	Analysis	SM 5220D		5	484293	ENB7	EET CF	03/27/26 09:09

Client Sample ID: SW-106
Lab Sample ID: 310-328038-16
Date Collected: 03/20/26 13:27
Matrix: Water
Date Received: 03/24/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		5	484300	HE7K	EET CF	03/26/26 13:54
Dissolved	Filtration	Filtration			484014	F8JX	EET CF	03/25/26 08:00
Dissolved	Prep	200.8			484054	F8JX	EET CF	03/26/26 08:59
Dissolved	Analysis	200.8		1	484506	NFT2	EET CF	03/30/26 15:02
Total/NA	Prep	3005A			484017	F8JX	EET CF	03/25/26 08:20
Total/NA	Analysis	6020B		1	484302	ZRI4	EET CF	03/26/26 18:01
Total/NA	Analysis	350.1		1	484273	WZC8	EET CF	03/26/26 18:06
Total/NA	Analysis	I-3765-85		1	484136	DGU1	EET CF	03/26/26 04:20
Total/NA	Analysis	SM 5220D		5	484293	ENB7	EET CF	03/27/26 09:09

Lab Chronicle

Client: HDR Inc
Job ID: 310-328038-1
Project/Site: Metro Park EAST-Landfill

Client Sample ID: SW-107
Date Collected: 03/20/26 13:12
Date Received: 03/24/26 15:40

Lab Sample ID: 310-328038-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		5	484300	HE7K	EET CF	03/26/26 14:07
Dissolved	Filtration	Filtration			484014	F8JX	EET CF	03/25/26 08:00
Dissolved	Prep	200.8			484054	F8JX	EET CF	03/26/26 08:59
Dissolved	Analysis	200.8		1	484506	NFT2	EET CF	03/30/26 15:04
Total/NA	Prep	3005A			484017	F8JX	EET CF	03/25/26 08:20
Total/NA	Analysis	6020B		1	484302	ZRI4	EET CF	03/26/26 18:04
Total/NA	Analysis	350.1		1	484273	WZC8	EET CF	03/26/26 18:09
Total/NA	Analysis	353.2		1	484239	ENB7	EET CF	03/26/26 15:36
Total/NA	Analysis	I-3765-85		1	484136	DGU1	EET CF	03/26/26 04:20
Total/NA	Analysis	SM 5220D		5	484293	ENB7	EET CF	03/27/26 09:09

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Accreditation/Certification Summary

Client: HDR Inc
Job ID: 310-328038-1
Project/Site: Metro Park EAST-Landfill

Laboratory: Eurofins Cedar Falls

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-27

Laboratory: Eurofins Chicago

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Iowa	State	082	05-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
9034		Water	Sulfide as H2S

Method Summary

Client: HDR Inc
Job ID: 310-328038-1
Project/Site: Metro Park EAST-Landfill

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CF
300.0	Anions, Ion Chromatography	EPA	EET CF
9056A	Anions, Ion Chromatography	SW846	EET CF
200.8	Metals (ICP/MS)	EPA	EET CF
6020B	Metals (ICP/MS)	SW846	EET CF
350.1	Nitrogen, Ammonia	EPA	EET CF
353.2	Nitrogen, Nitrate-Nitrite	EPA	EET CF
9034	Sulfide, Acid soluble and Insoluble (Titrimetric)	SW846	EET CHI
I-3765-85	Residue, Non-filterable (TSS)	USGS	EET CF
SM 5220D	COD	SM	EET CF
SM 5310C	TOC	SM	EET CF
200.8	Preparation, Total Metals	EPA	EET CF
3005A	Preparation, Total Metals	SW846	EET CF
5030B	Purge and Trap	SW846	EET CF
Filtration	Sample Filtration	None	EET CF

Protocol References:

EPA = US Environmental Protection Agency
None = None
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
USGS = "Methods For Analysis Of Water And Fluvial Sediments", USGS, 1989

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401
EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

eurofins | Environment Testing America

310-328038 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: HDR

City/State: CITY | STATE | Project:

Receipt Information

Date/Time Received: DATE 3.24.26 | TIME 1540 | Received By: PJ

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☑ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other:

Condition of Cooler/Containers

Sample(s) received in Cooler? ☑ Yes ☐ No *If yes:* Cooler ID:

Multiple Coolers? ☑ Yes ☐ No *If yes:* Cooler # 1 of 2

Cooler Custody Seals Present? ☐ Yes ☑ No *If yes:* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☑ No *If yes:* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☑ Yes ☐ No *If yes.* Which VOA samples are in cooler? ↓

MW-14R, 24, 69, Dup-1, 2, 3

Temperature Record

Coolant: ☑ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other: ☐ NONE

Thermometer ID: CC | Correction Factor (°C): 0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 0.8 | Corrected Temp (°C): 0.8

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C):		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g , bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE: If yes, contact PM before proceeding. If no, proceed with login

Additional Comments

eurofins | Environment Testing America

Place COC scanning label here

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: HDR

City/State: CITY | STATE | Project:

Receipt Information

Date/Time Received: DATE 3.24.26 | TIME 1740 | Received By: PF

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee
☑ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other._____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☑ Yes ☐ No *If yes:* Cooler ID:

Multiple Coolers? ☑ Yes ☐ No *If yes:* Cooler # 2 of 2

Cooler Custody Seals Present? ☐ Yes ☑ No *If yes:* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☑ No *If yes:* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☑ Yes ☐ No *If yes:* Which VOA samples are in cooler? ↓

The Rest Except GV-3A

Temperature Record

Coolant: ☑ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other._____ ☐ NONE

Thermometer ID: CC | Correction Factor (°C): 0

• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 0.8 | Corrected Temp (°C): 0.8

• Sample Container Temperature

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C):		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE If yes, contact PM before proceeding. If no, proceed with login

Additional Comments

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone (319) 277-2401 Phone (319) 277-2425

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Caleb Gomez & Chad Dentlinger	Lab PM: Calhoun Conner M	Carrier Tracking No(s):	COC No: 310-117271-30360 1
Client Contact: Richard Wilson	Phone: 515-205-6355	E-Mail: Conner Calhoun@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: HDR Inc	PWSID:			Job #:
Address: 1917 S 67th Street	Due Date Requested			
City: Omaha	TAT Requested (days)			
State, Zip: NE, 68106	Compliance Project: Δ Yes Δ No			
Phone: 402-392-6714(Tel)	PO #: Purchase Order not required			
Email: richard wilson2@hdrinc.com	WO #:			
Project Name: Metro Park EAST-Landfill	Project #: 31016556			
Site:	SSOW#:			

Analysis Requested

Preservation Codes.
D HNO3
A - HCL
N - None
S - H2SO4
CB - ZnAcetate/NaOH
B - NaOH
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Appendix I (Metals and VOCs)	Appendix 1 VOCs ONLY- 8260D	TSS- I_3765_85	FULL Appendix 2	9060A - TOC	Nitrate (9056_ORGFM_48HR)	SW Parameters (Ammonia, Chloride, COD, Lab filter Iron)	Arsenic- 6020	Cobalt- 6020	Sulfide- 9034_Calc				Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X															
MW-14R	3/20/26	16 35	G	Water			X		X		X					X					
MW-29	3/20/26	17 43	G	Water			X		X		X										
MW-30R	3/20/26	18 41	G	Water			X		X		X										
MW-69	3/20/26	19 05	G	Water				X	X												
GU-3A	3/23/26	12.55	G	Water			X		X												
DUP-1	3/20/26	16 45	G	Water			X		X												
DUP-2	3/20/26	17 50	G	Water			X		X												
DUP-3	3/20/26	18 47	G	Water			X		X												
TB-5	3/24/26	11 00		Water				X													
TB-6	3/24/26	11 00		Water				X													
				Water																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date.	Time.	Method of Shipment: 154

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Chad Dentlinger / Chad DE	3/24/26 / 11.00			3.24.26	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver 05/06/2024

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613
Phone (319) 277-2401 Phone (319) 277-2425

Chain of Custody Record

eurofins
Environment Testing

Client Information	Sampler: Caleb Gomez & Chad Dentlinger	Lab PM: Calhoun Conner M	Carrier Tracking No(s):	COC No: 310-117271-30360 1
Client Contact: Richard Wilson	Phone: 515-205-6355	E-Mail: Conner Calhoun@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: HDR Inc	PWSID:			Job #:
Address: 1917 S 67th Street	Due Date Requested			
City: Omaha	TAT Requested (days):			
State, Zip: NE, 68106	Compliance Project: Δ Yes Δ No			
Phone: 402-392-6714(Tel)	PO #: Purchase Order not required			
Email: richard wilson2@hdrinc.com	WO #:			
Project Name: Metro Park EAST-Landfill	Project #: 31016556			
Site:	SSOW#:			

Analysis Requested

Preservation Codes
D - HNO3
A - HCL
N - None
S - H2SO4
CB ZnAcetate/NaOH
B - NaOH
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Appendix I (Metals and VOCs)	Appendix 1 VOCs ONLY- 8260D	TSS- I_3765_85	FULL Appendix 2	9060A - TOC	Nitrate (9056_ORGFM_48HR)	SW Parameters (Ammonia, Chloride, COD, Lab filter iron)	Arsenic- 6020	Cobalt- 6020	Sulfide- 9034_Calc				Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
SW-101	3/20/26	13 44	G	Water					X				X	X	X						
SW-102	3/20/26	14 12	G	Water					X				X	X	X						
SW-103	3/20/26	13 40	G	Water					X				X	X	X						
SW-104	3/20/26	14 05	G	Water									X								
SW-105	3/20/26	14 29	G	Water								X	X								
SW-106	3/20/26	13.27	G	Water					X				X	X	X						
SW-107	3/20/26	13 12	G	Water					X				X	X	X						
				Water																	
				Water																	
				Water																	
				Water																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Chad Dentlinger / Chad	3/24/26 / 11.00			3-24-26 1941	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone: 319-277-2401 Fax: 319-277-2425

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Calhoun, Conner M	Carrier Tracking No(s): N/A	COC No: 310-92453.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin: Iowa	Page: Page 1 of 1
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): State Program Iowa		Job #: 310-328038-1
Address: 18410 Crossing Drive, Suite E,	Due Date Requested: 4/1/2026			
City: Tinley Park	TAT Requested (days): N/A			
State, Zip: IL, 60487				
Phone: 708-534-5200(Tel) 708-534-5211(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Metro Park EAST-Landfill	Project #: 31016556			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

310-328038 COC

Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9034_Calc	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-14R (310-328038-1)	3/20/26	16:35 Central	G	Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	3/20/26 1150		Stephanie Hernandez	3/20/26 2000	EEN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 3.2 -3.0

4/3/2026

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 310-328038-1

Login Number: 328038
List Number: 1
Creator: Hirsch, Preston

List Source: Eurofins Cedar Falls

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 310-328038-1

Login Number: 328038
List Number: 2
Creator: Hernandez, Stephanie

List Source: Eurofins Chicago
List Creation: 03/26/26 01:06 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Appendix C

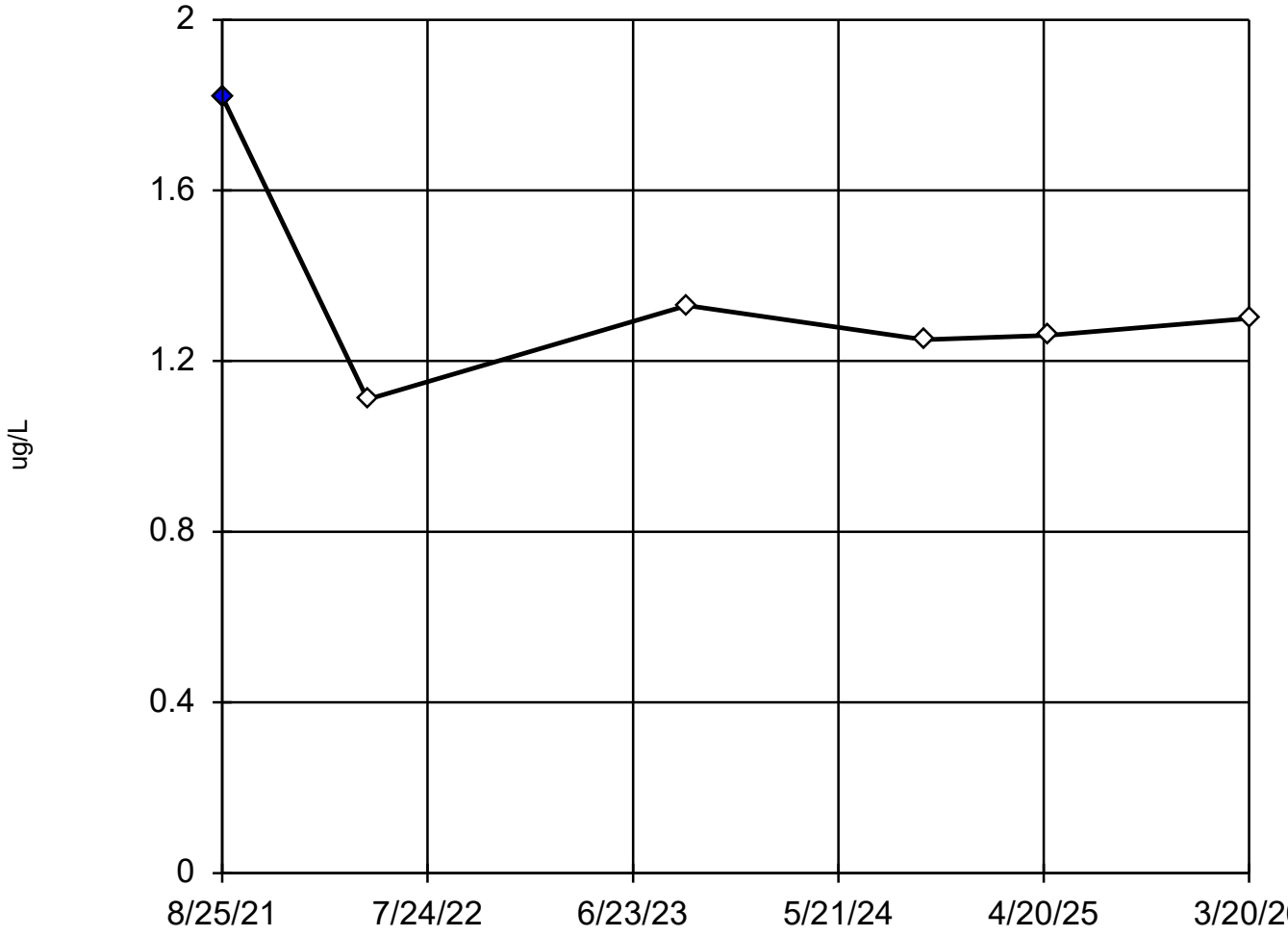
Statistical Analysis

This page intentionally left blank.

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-69



n = 6

Statistical outlier is drawn as solid.
Testing for 1 high and 1 low outliers.
Mean = 1.345.
Std. Dev. = 0.2447.
1.82: c = 0.6901
tabl = 0.56.
1.11: c = 0.1972
tabl = 0.56.
Alpha = 0.05.

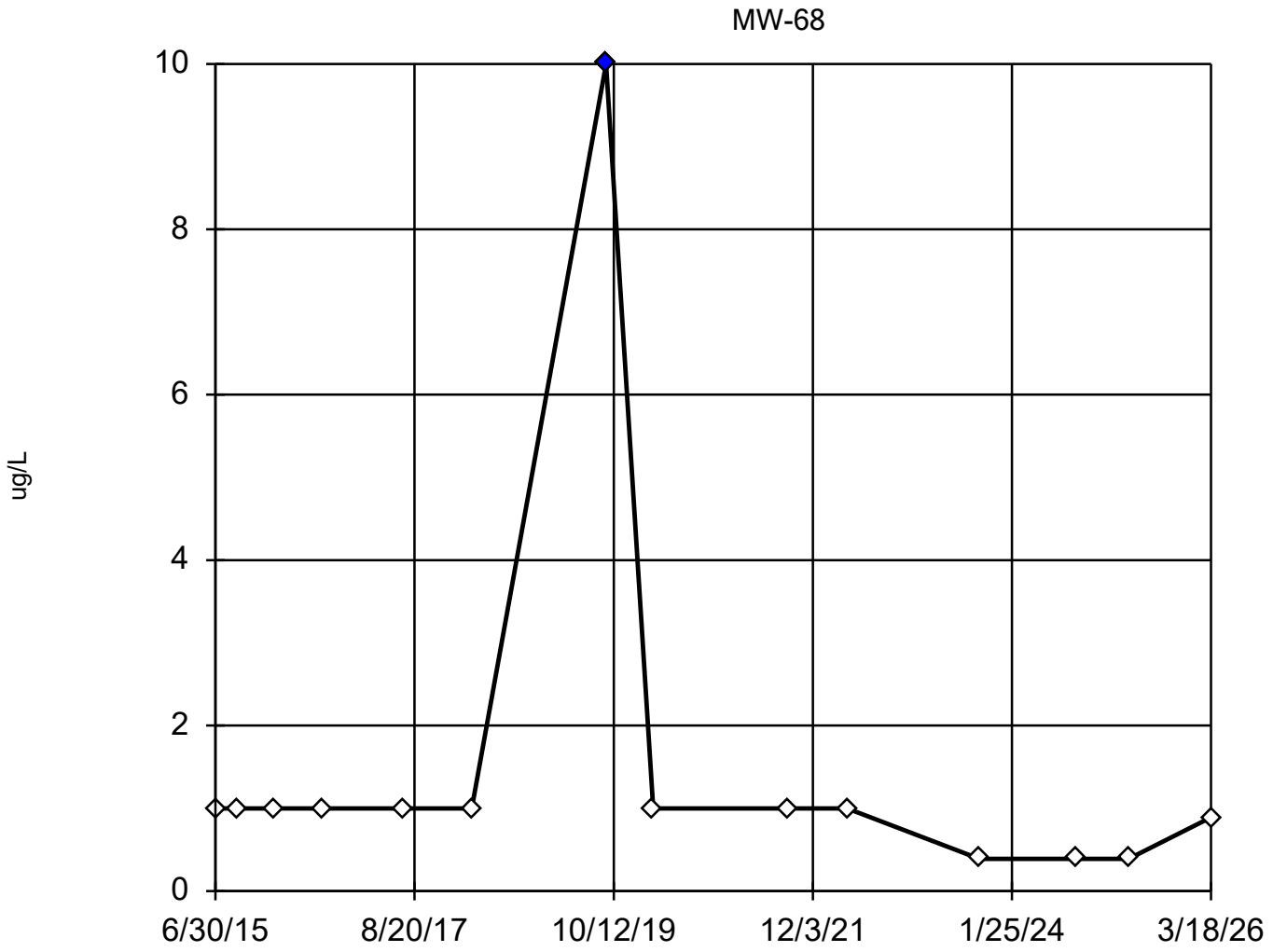
Normality test used:
Chi Squared@alpha = 0.05
Calculated = 1
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: 1,1-Dichloroethane Analysis Run 4/28/2026 4:57 PM View: 1_Descriptive Statistics - Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening



n = 14

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Chi Squared normality test failed at the 0.05 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 4.89, low cutoff = 0.1205, based on IQR multiplier of 3.

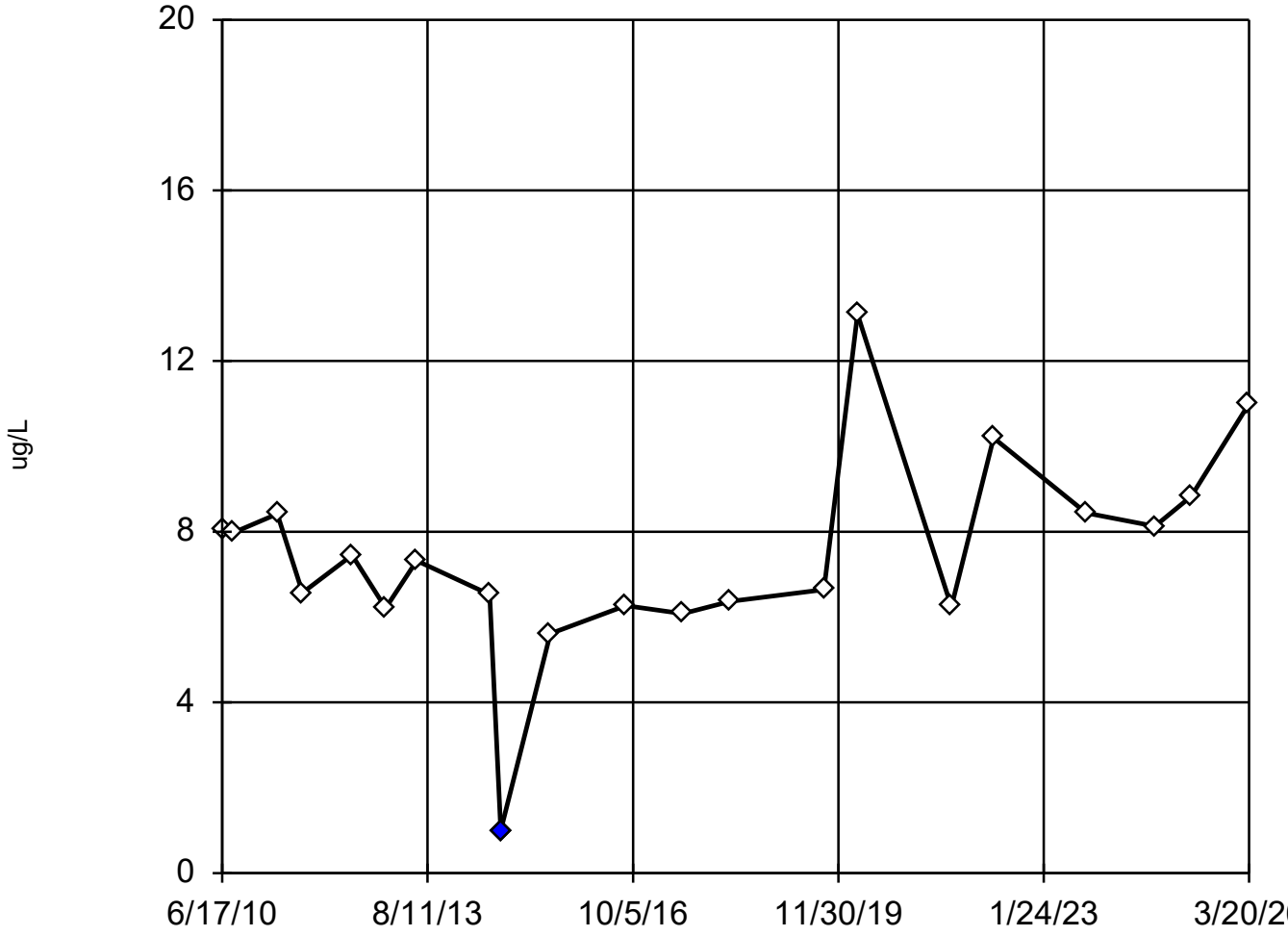
Constituent: 1,2-Dichloroethane Analysis Run 4/28/2026 4:58 PM View: 1_Descriptive Statistics - Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-29



n = 21

Statistical outlier is drawn as solid.
2 values manually flagged as outliers.
Testing for 1 low outlier.
Mean = 7.45.
Std. Dev. = 2.364.
<1 (o): c = 0.5522
tabl = 0.44.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 4
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

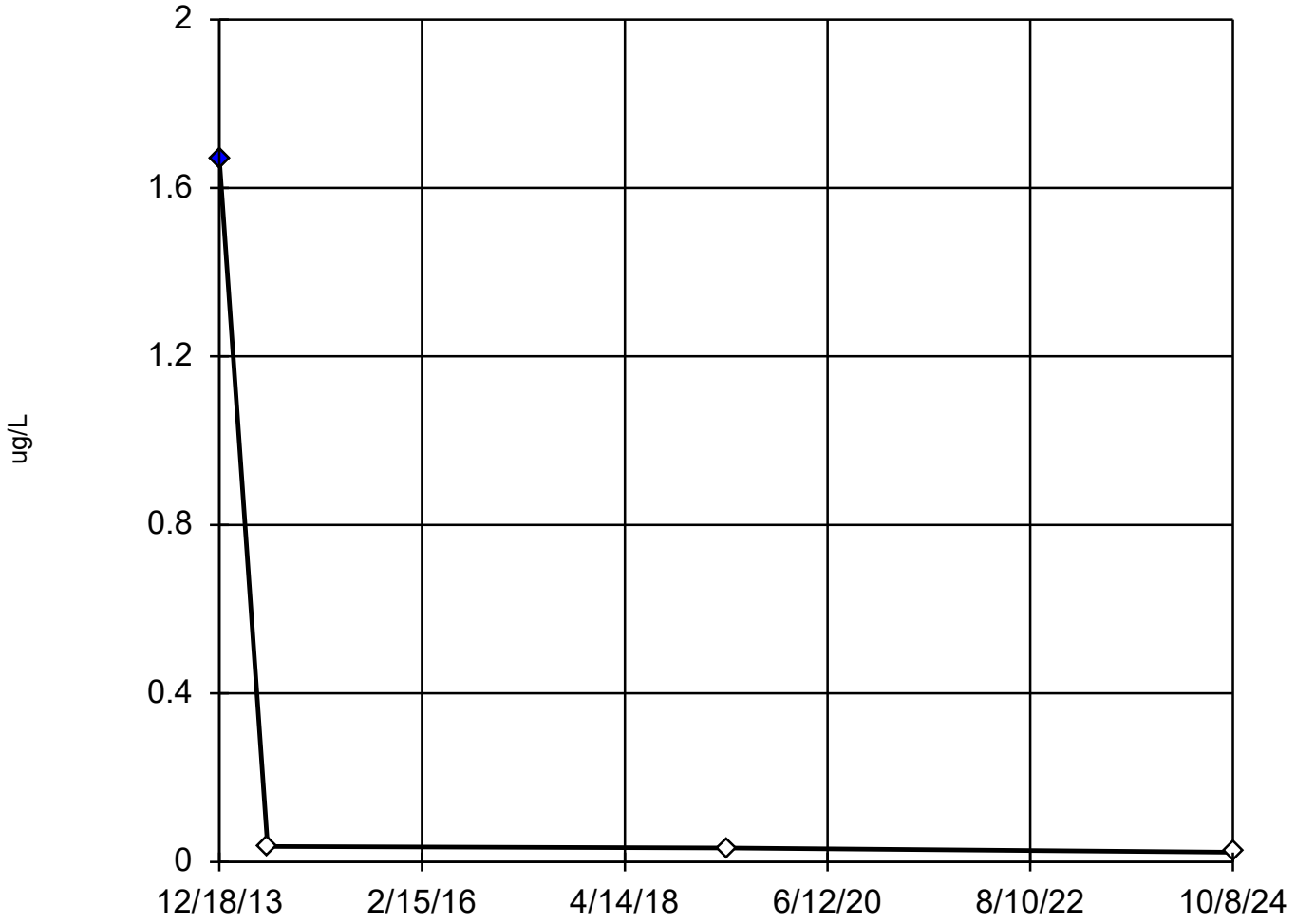
Constituent: 1,4-Dichlorobenzene Analysis Run 4/28/2026 4:58 PM View: 1_Descriptive Statistics - Outlier

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-18



n = 4

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 0.4406.
Std. Dev. = 0.8196.
<1.67 (o): c = 0.9916
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 2
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

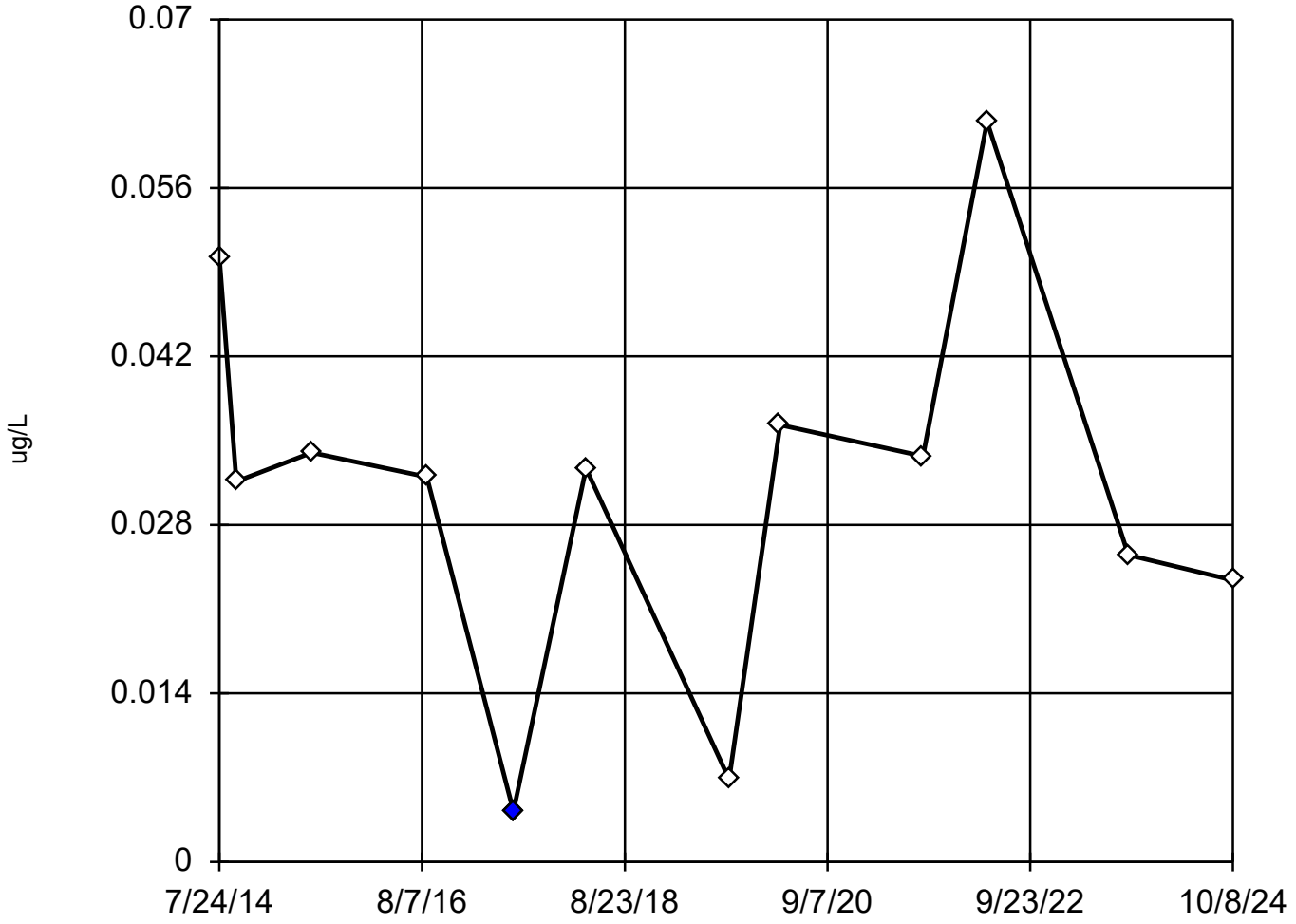
Constituent: 4,4`-DDD Analysis Run 4/28/2026 4:59 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-29



n = 12

Statistical outlier is drawn as solid.
Testing for 2 low outliers.
Mean = 0.03101.
Std. Dev. = 0.01578.
0.00687 (JP): c = 0.429
tabl = 0.546.
Alpha = 0.05.
-5.468 (J): c = 0.6912
tabl = 0.546.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 4.909
Critical = 5.991 (after natural log transformation)
The distribution, after removal of suspect value, was found to be log-normal.

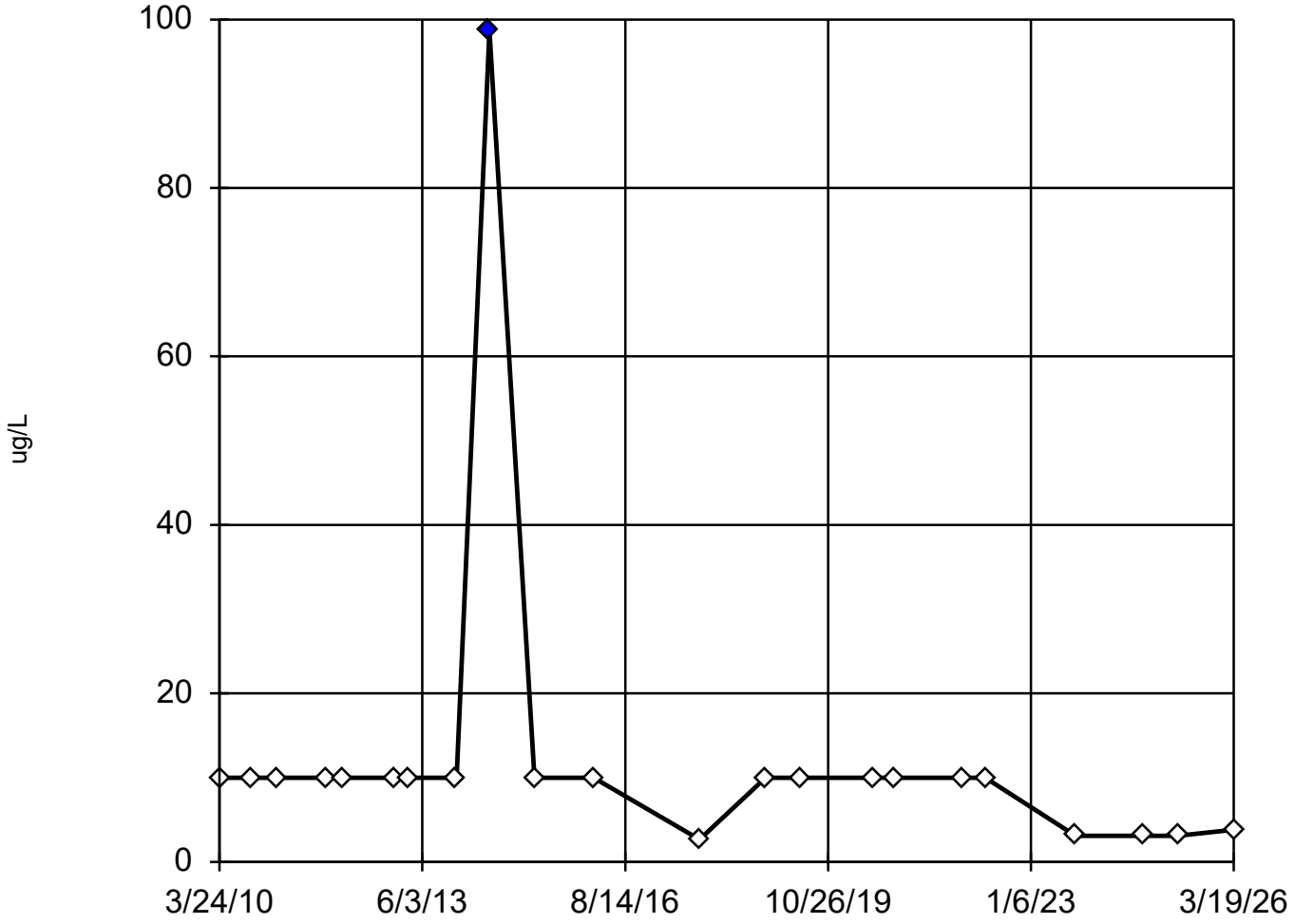
Constituent: 4,4`-DDD Analysis Run 4/28/2026 4:59 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

MW-55



n = 22

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Chi Squared normality test failed at the 0.05 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 42.69, low cutoff = 1.444, based on IQR multiplier of 3.

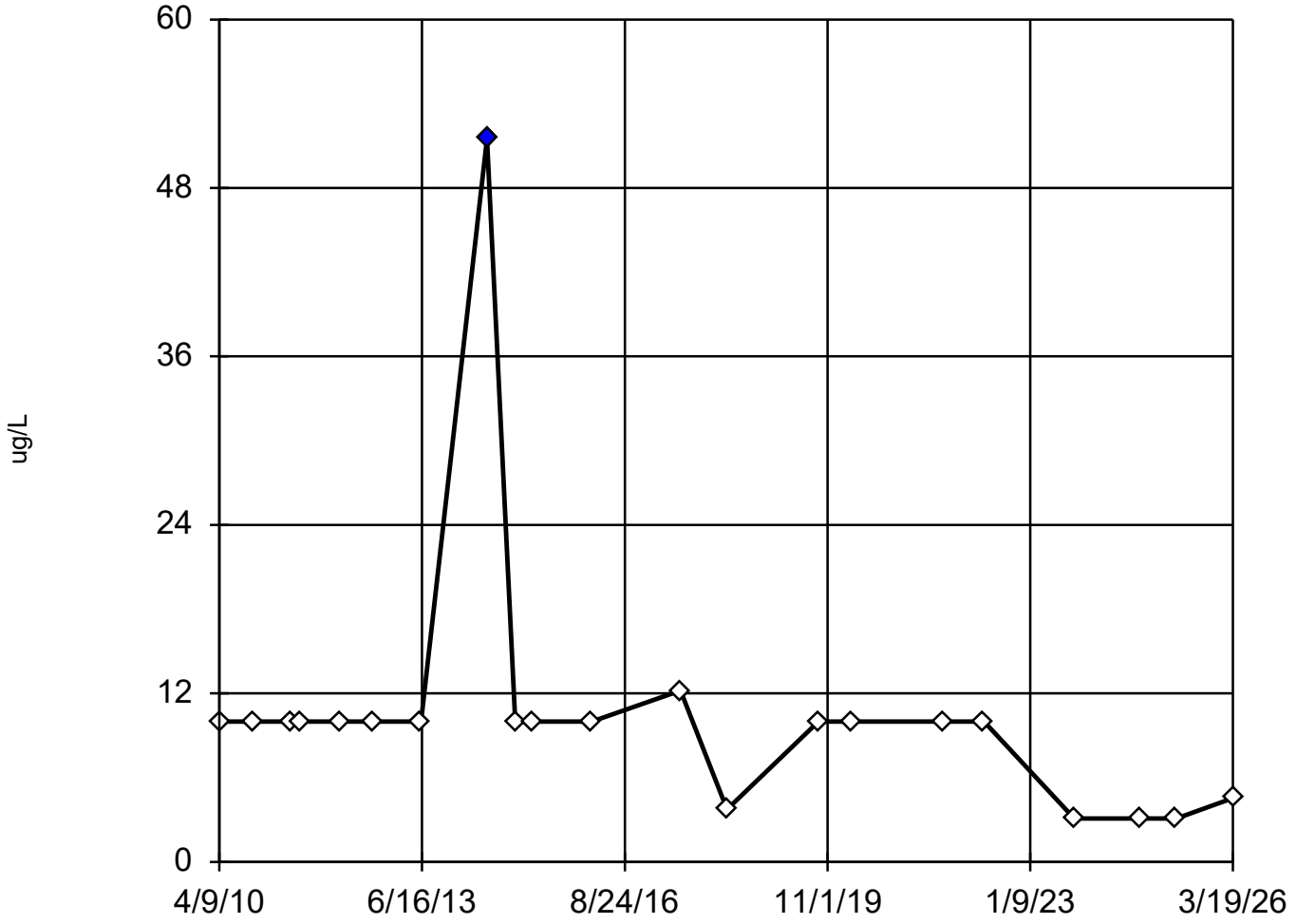
Constituent: Acetone Analysis Run 4/28/2026 4:59 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

MW-58



n = 21

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Chi Squared normality test failed at the 0.05 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 32.69, low cutoff = 2.061, based on IQR multiplier of 3.

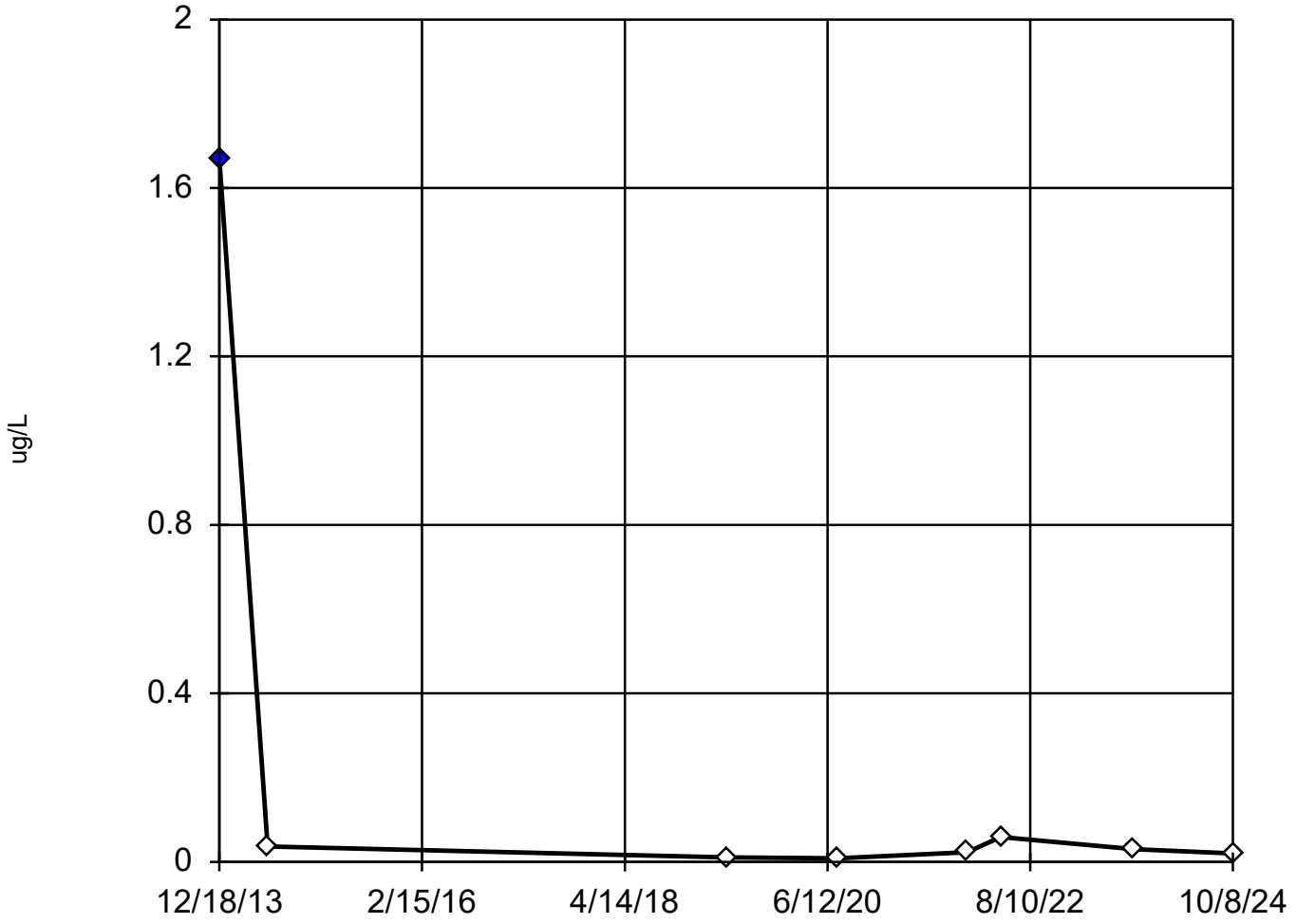
Constituent: Acetone Analysis Run 4/28/2026 5:00 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-18



n = 8

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 0.2323.
Std. Dev. = 0.5811.
<1.67 (o): c = 0.9706
tabl = 0.554.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 0.8571
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

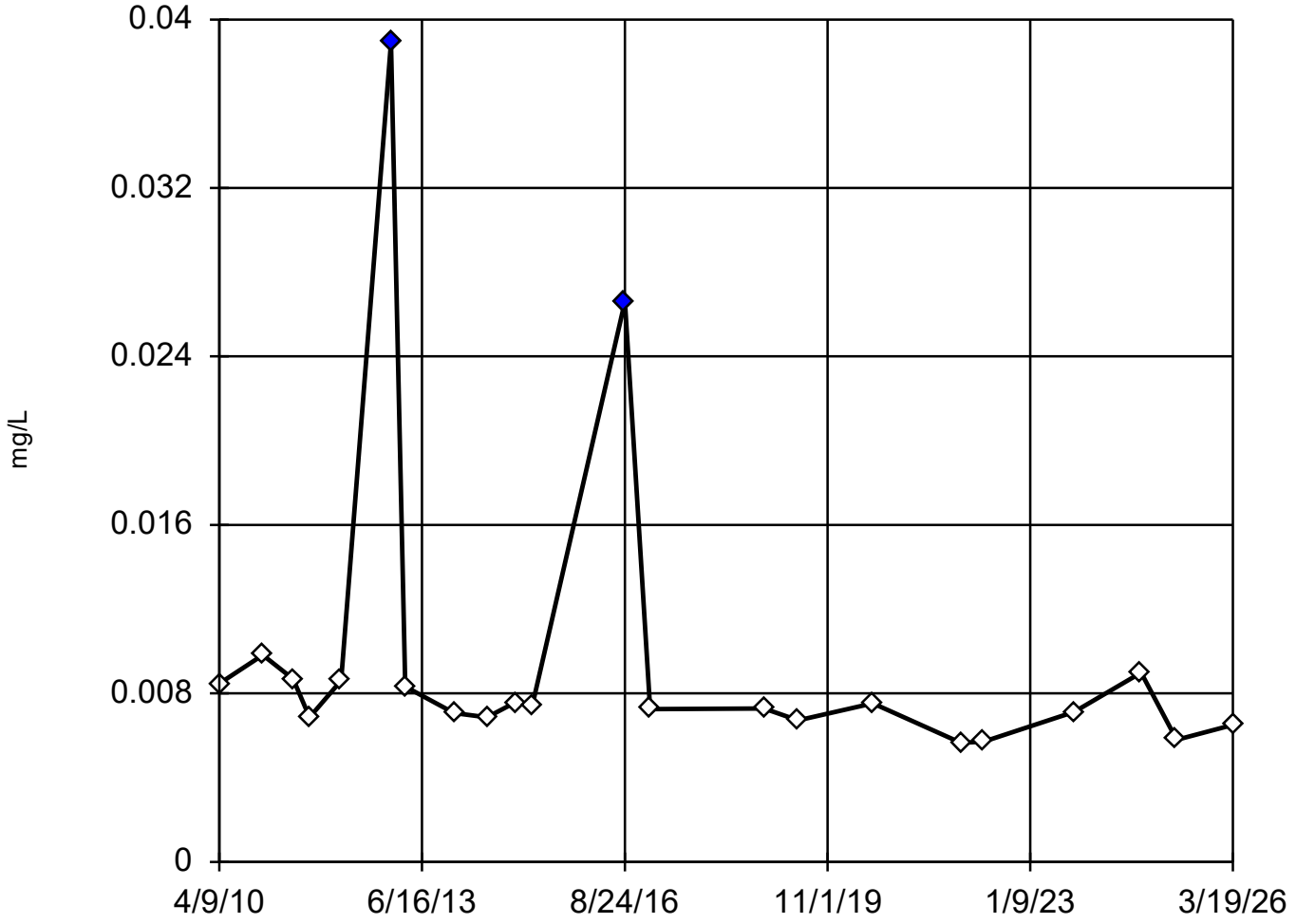
Constituent: Aldrin Analysis Run 4/28/2026 5:00 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-28



n = 22

Statistical outliers are drawn as solid.
2 values manually flagged as outliers.
Testing for 2 high outliers.
Mean = 0.009716.
Std. Dev. = 0.007767.
0.0266 (o): c = 0.8466
tabl = 0.43.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 4
Critical = 5.991
The distribution, after removal of suspect values, was found to be normally distributed.

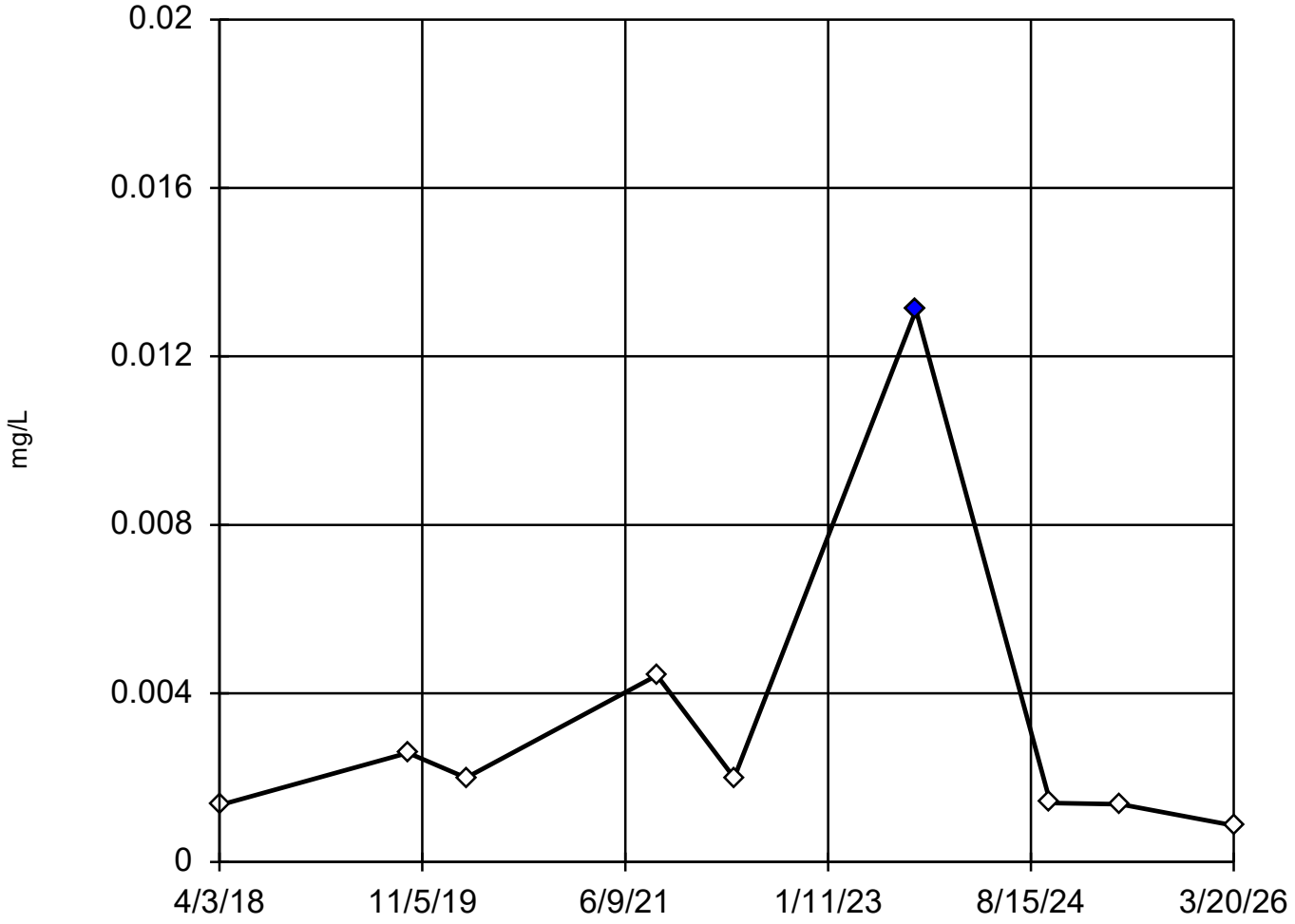
Constituent: Arsenic Analysis Run 4/28/2026 5:01 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

SW-103



n = 9

Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 0.003234.
Std. Dev. = 0.003844.
0.0131: c = 0.7379
tabl = 0.512.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 2
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

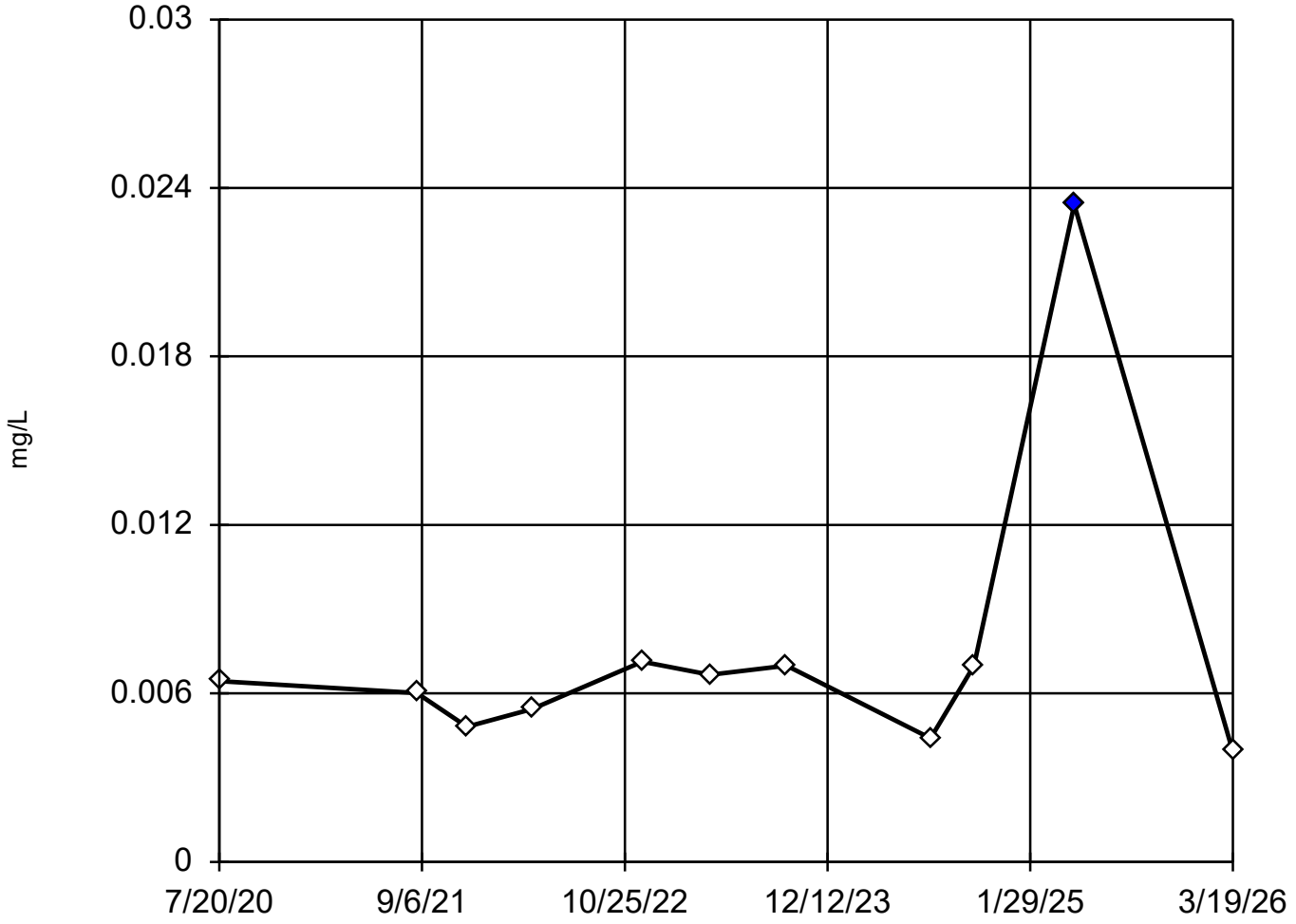
Constituent: Arsenic Analysis Run 4/28/2026 5:01 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-73



n = 11

Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 0.007474.
Std. Dev. = 0.005397.
0.0234: c = 0.8637
tabl = 0.576.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 2
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

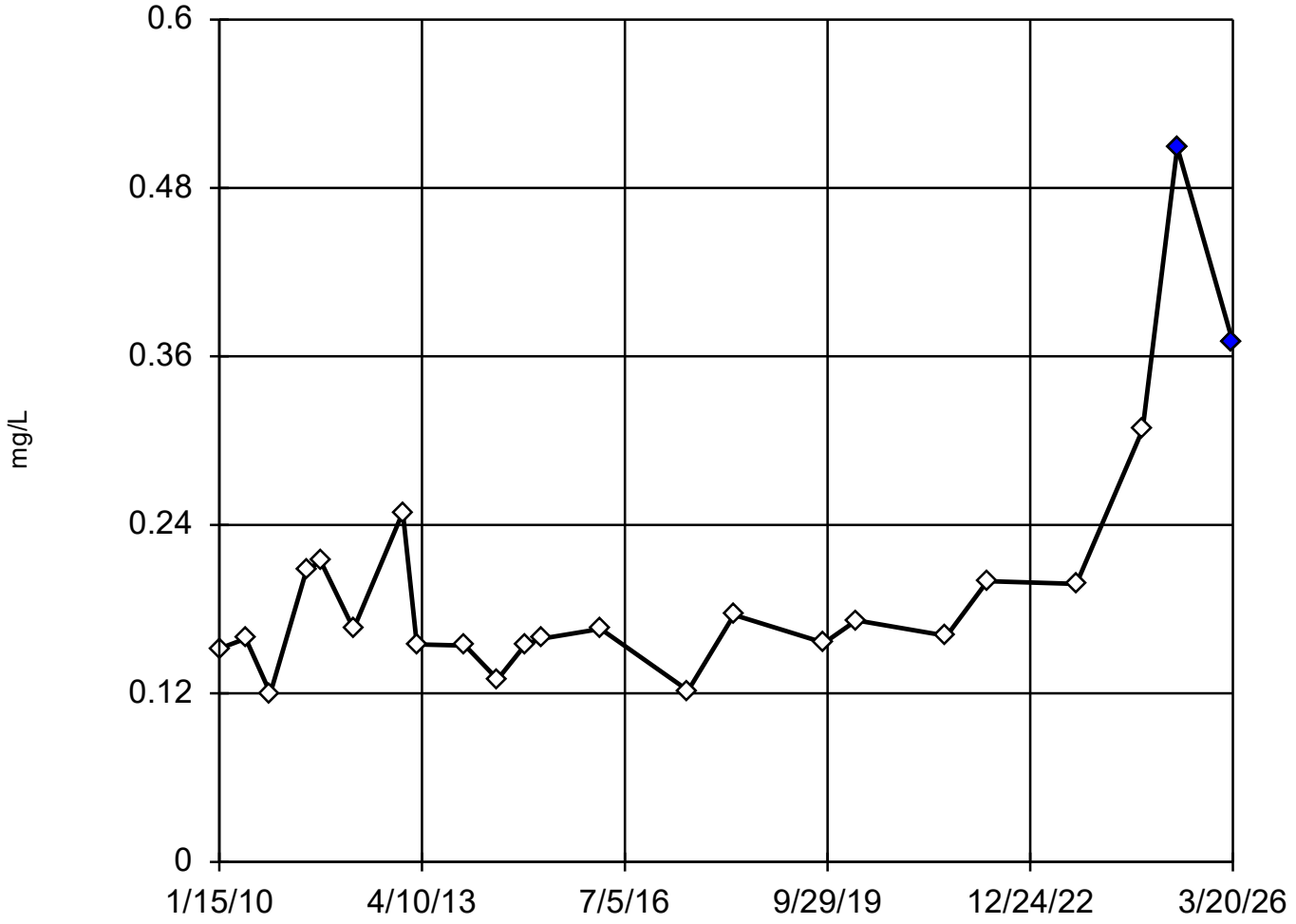
Constituent: Arsenic Analysis Run 4/28/2026 5:01 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Rosner's Outlier Test

MW-14R



n = 23

Statistical outliers are drawn as solid.

k = 3
r = 3.132
Tabulated value = 2.884
Alpha = 0.01

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 4.476
Critical = 5.991 (after natural log transformation)
The distribution, after removal of suspect values, was found to be log-normal.

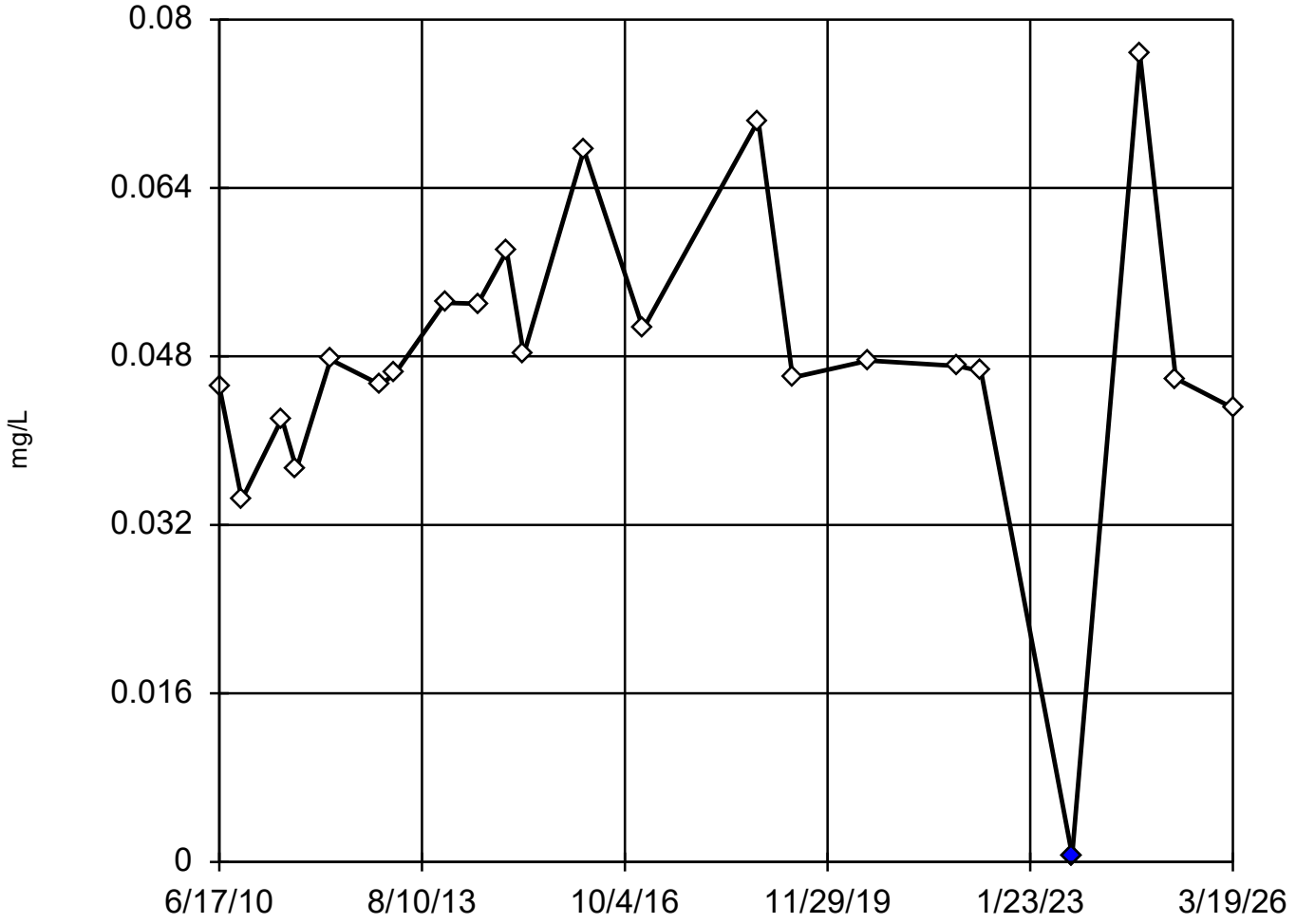
Constituent: Barium Analysis Run 4/28/2026 5:01 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-19



n = 22

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 low outlier.
Mean = 0.04786.
Std. Dev. = 0.01463.
-7.354 (o): c = 0.8724
tabl = 0.43.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 5.905
Critical = 5.991 (after natural log transformation)
The distribution, after removal of suspect value, was found to be log-normal.

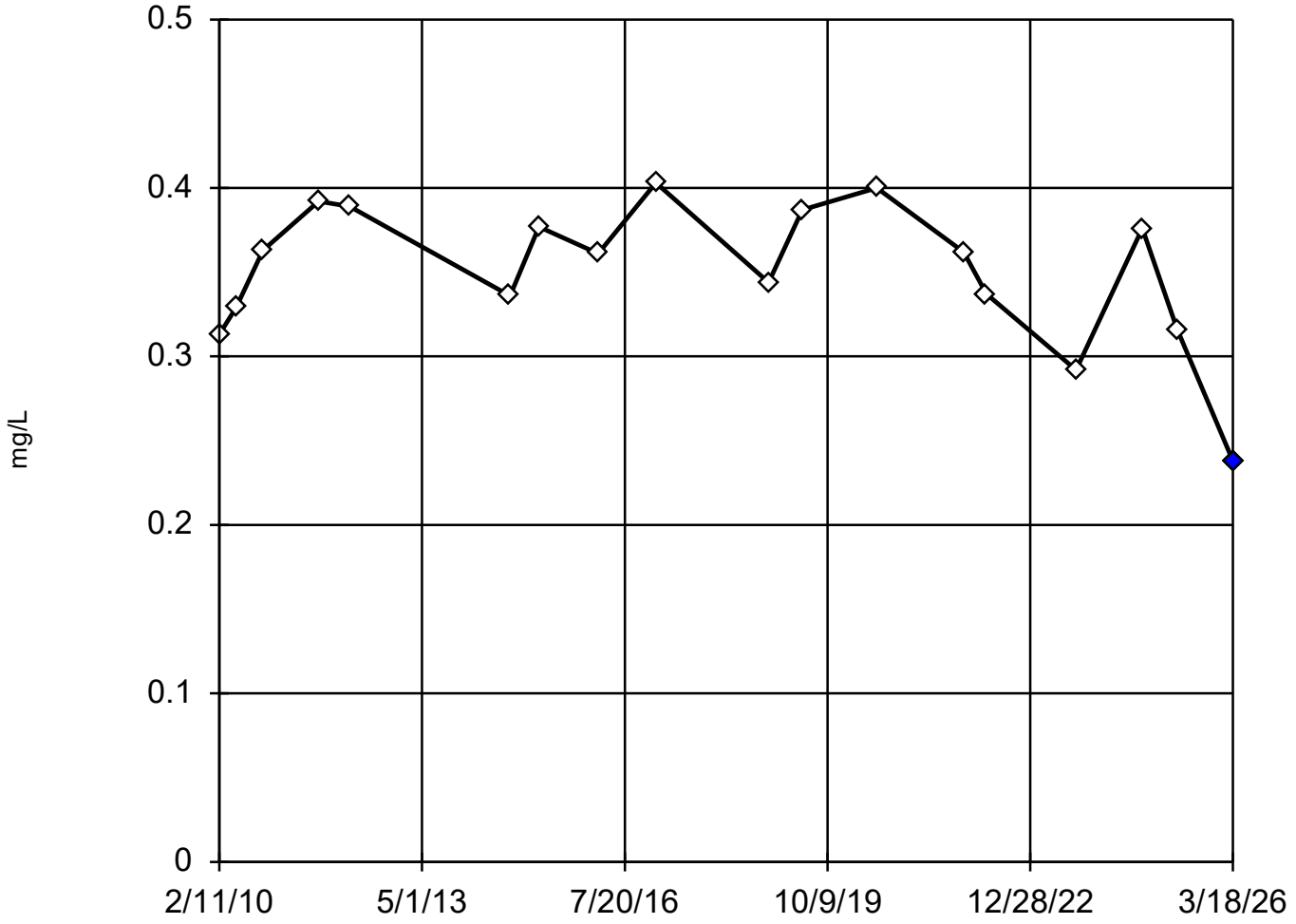
Constituent: Barium Analysis Run 4/28/2026 5:01 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-24R (bg)



n = 18

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.3508.
Std. Dev. = 0.04275.
0.238: c = 0.487
tabl = 0.475.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 1.529
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

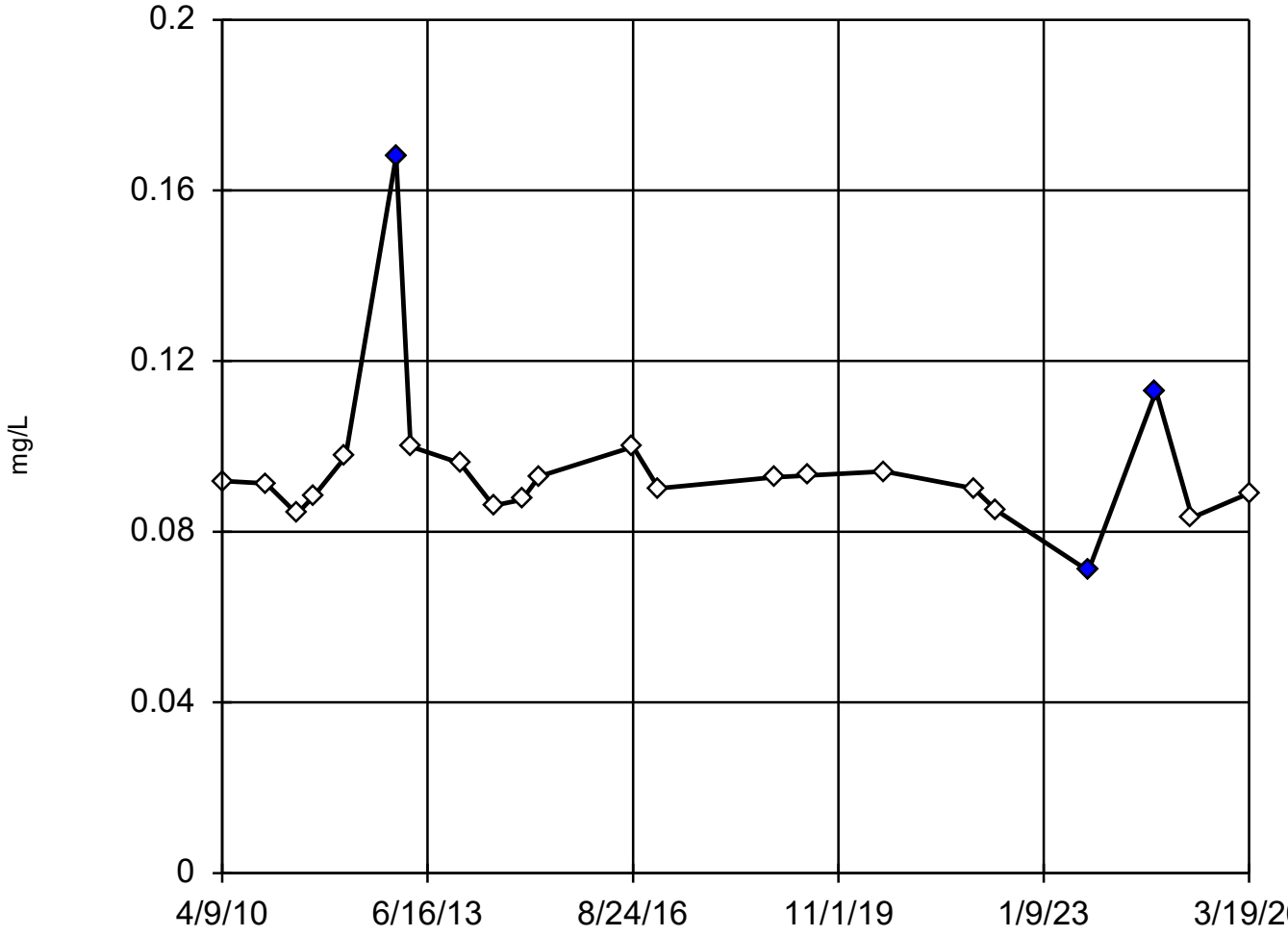
Constituent: Barium Analysis Run 4/28/2026 5:01 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-28



n = 22

Statistical outliers are drawn as solid.
1 value manually flagged as an outlier.
Testing for 2 high and 1 low outliers.
Mean = 0.09479.
Std. Dev. = 0.01819.
0.113: c = 0.4549
tabl = 0.43.
0.0708: c = 0.4605
tabl = 0.43.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 0.2105
Critical = 5.991
The distribution, after removal of suspect values, was found to be normally distributed.

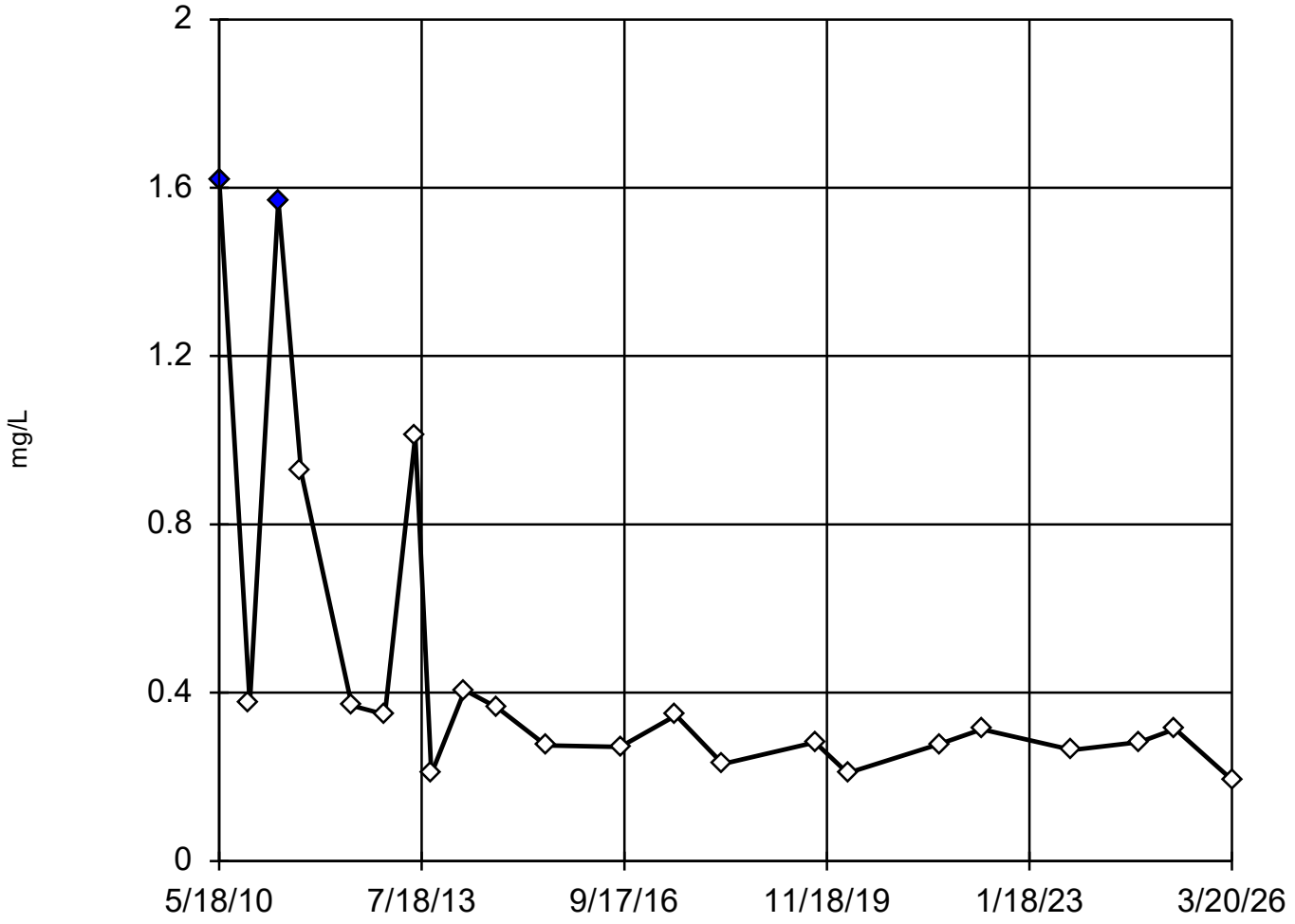
Constituent: Barium Analysis Run 4/28/2026 5:01 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

MW-32R



n = 22

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Chi Squared normality test failed at the 0.05 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.205, low cutoff = 0.08651, based on IQR multiplier of 3.

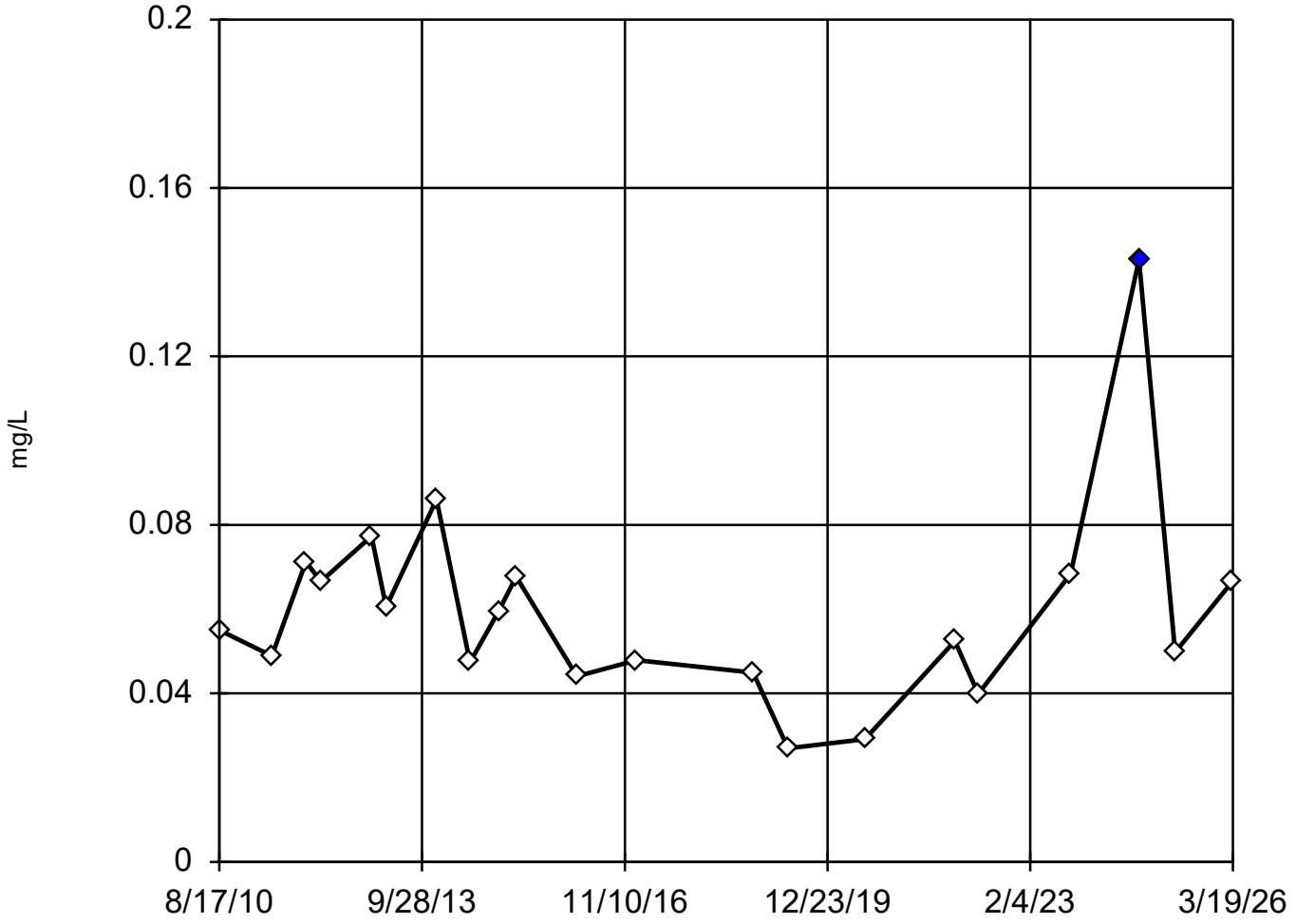
Constituent: Barium Analysis Run 4/28/2026 5:01 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-39



n = 21

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 0.05969.
Std. Dev. = 0.02424.
0.143 (o): c = 0.6372
tabl = 0.44.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 3.5
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

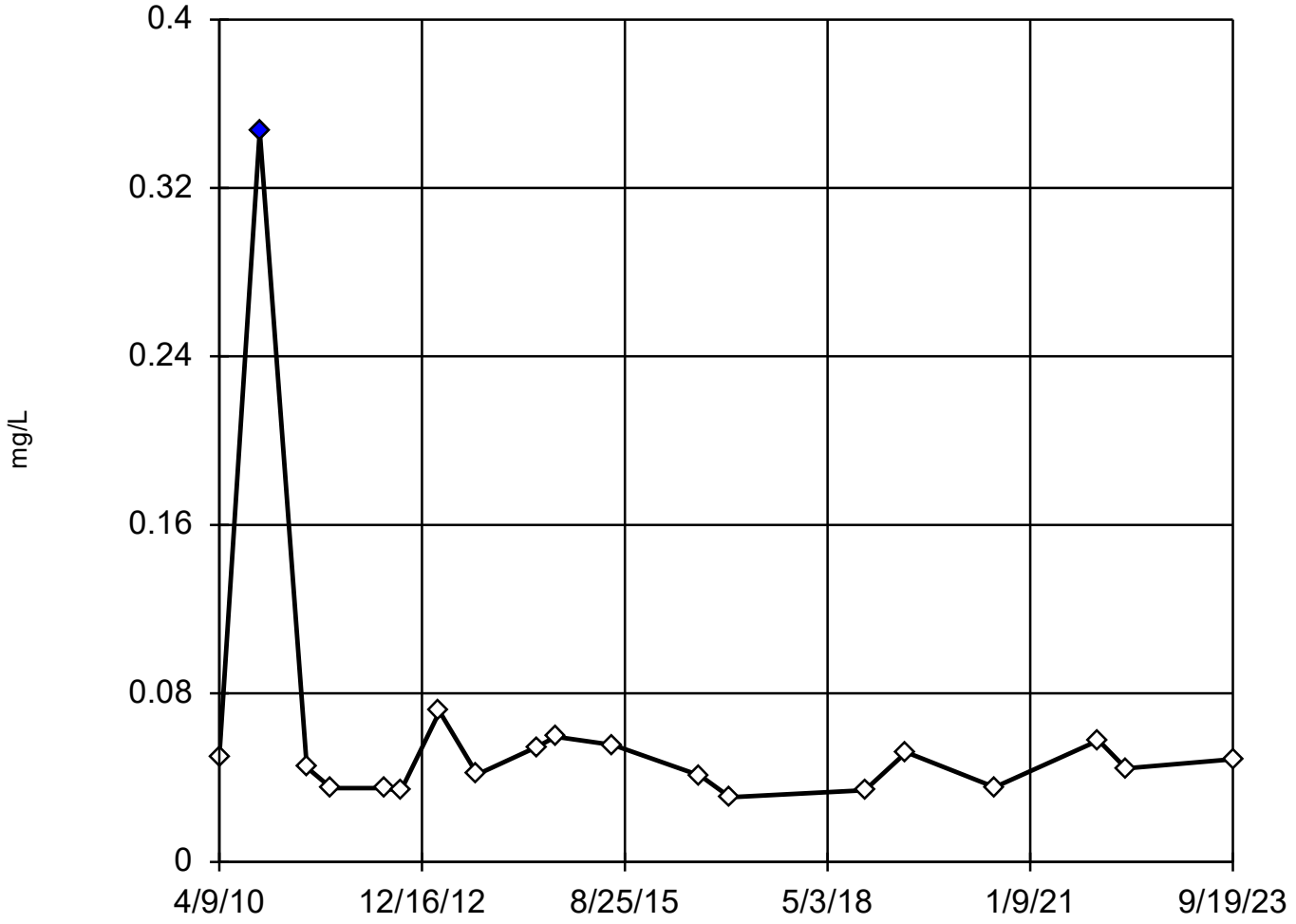
Constituent: Barium Analysis Run 4/28/2026 5:01 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-50



n = 19

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 0.06167.
Std. Dev. = 0.06994.
0.347 (o): c = 0.9188
tabl = 0.462.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 3.111
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

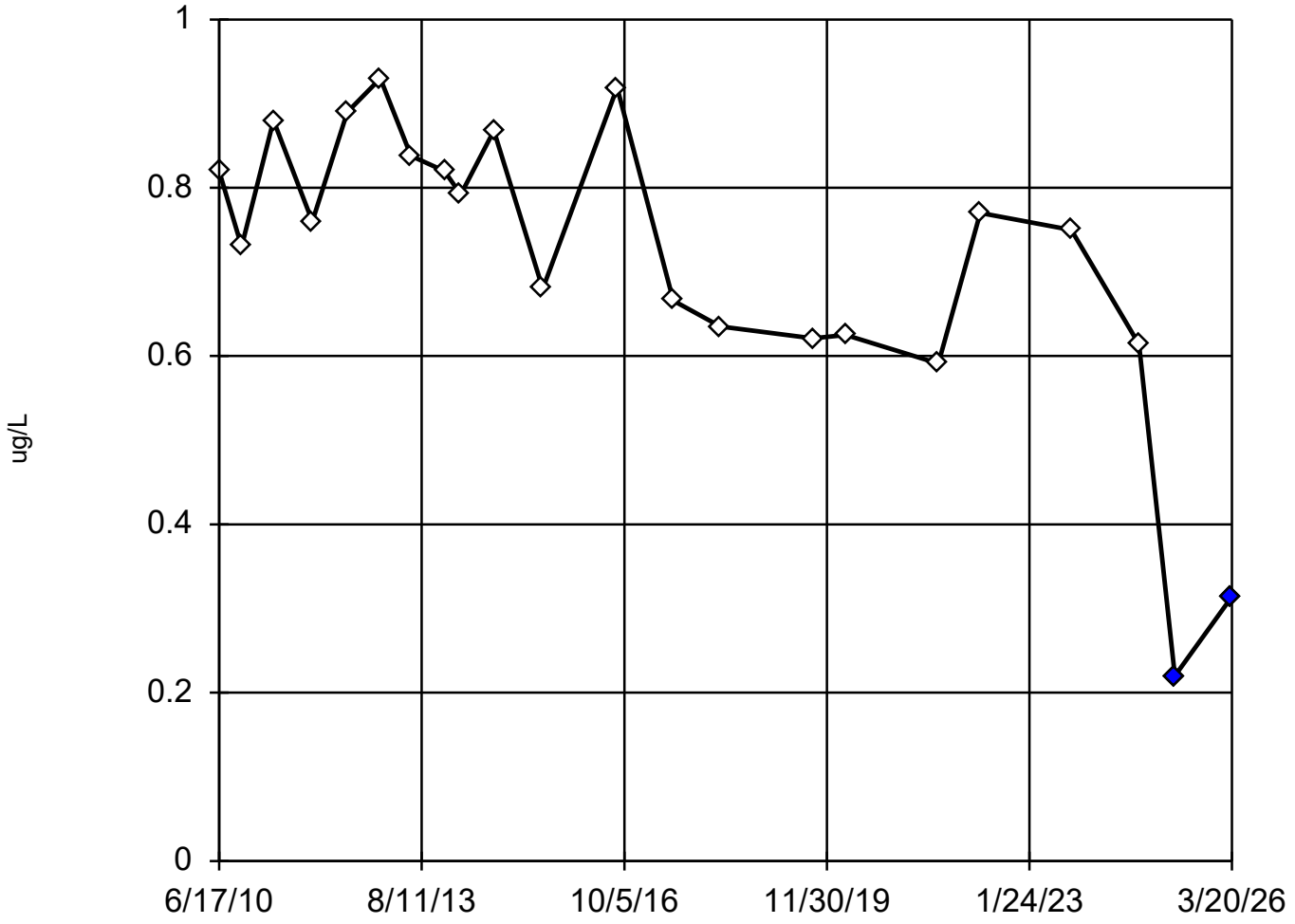
Constituent: Barium Analysis Run 4/28/2026 5:01 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-30R



n = 22

Statistical outliers are drawn as solid.
Testing for 2 low outliers.
Mean = 0.7151.
Std. Dev. = 0.1796.
0.314 (J): c = 0.5208
tabl = 0.43.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 2.5
Critical = 5.991
The distribution, after removal of suspect values, was found to be normally distributed.

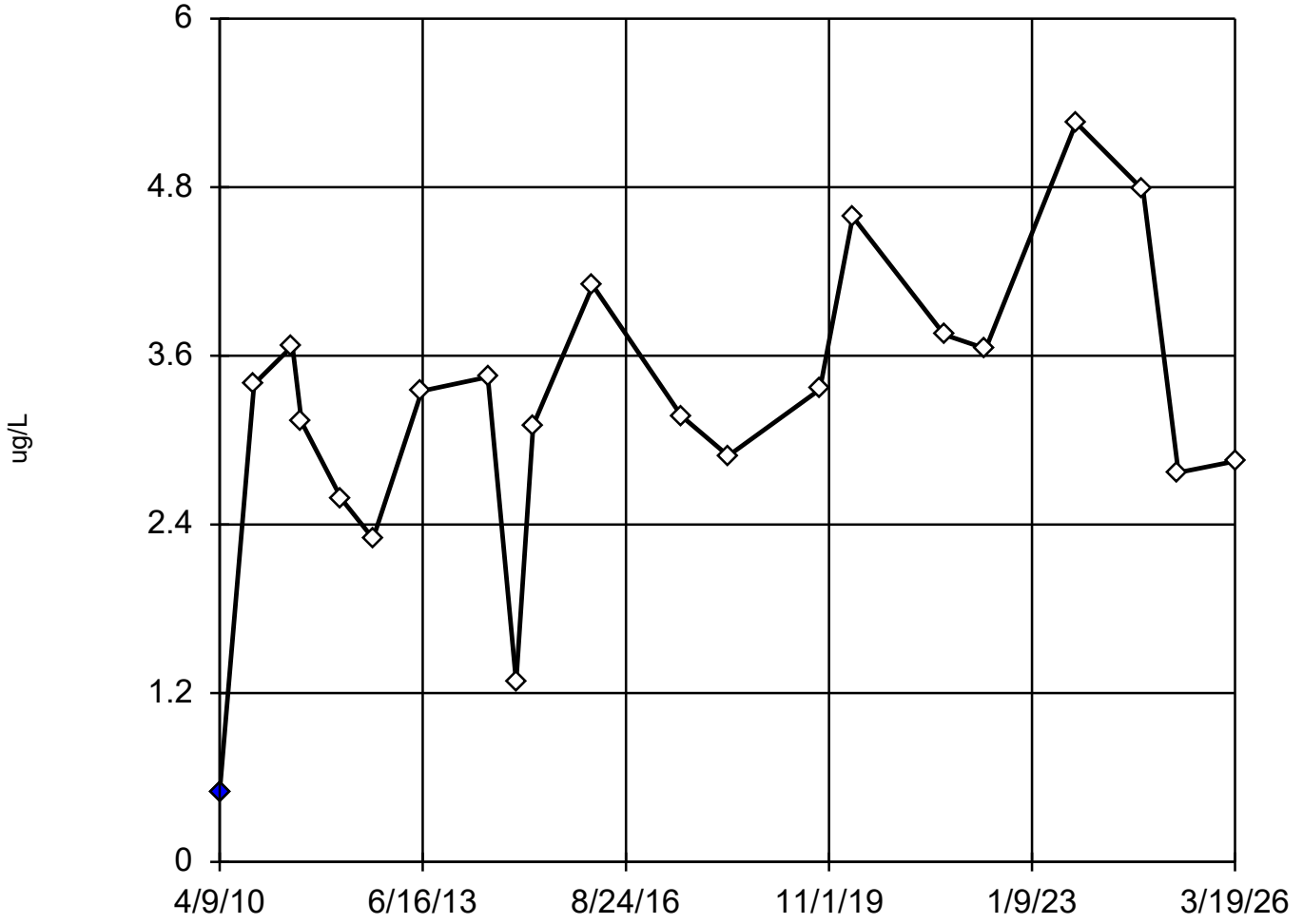
Constituent: Benzene Analysis Run 4/28/2026 5:02 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-58



n = 21

Statistical outlier is drawn as solid.
2 values manually flagged as outliers.
Testing for 2 low outliers.
Mean = 3.235.
Std. Dev. = 1.071.
1.28 (o): c = 0.3927
tabl = 0.44.
Alpha = 0.05.
<0.5 (o): c = 0.4401
tabl = 0.44.
Alpha = 0.05.

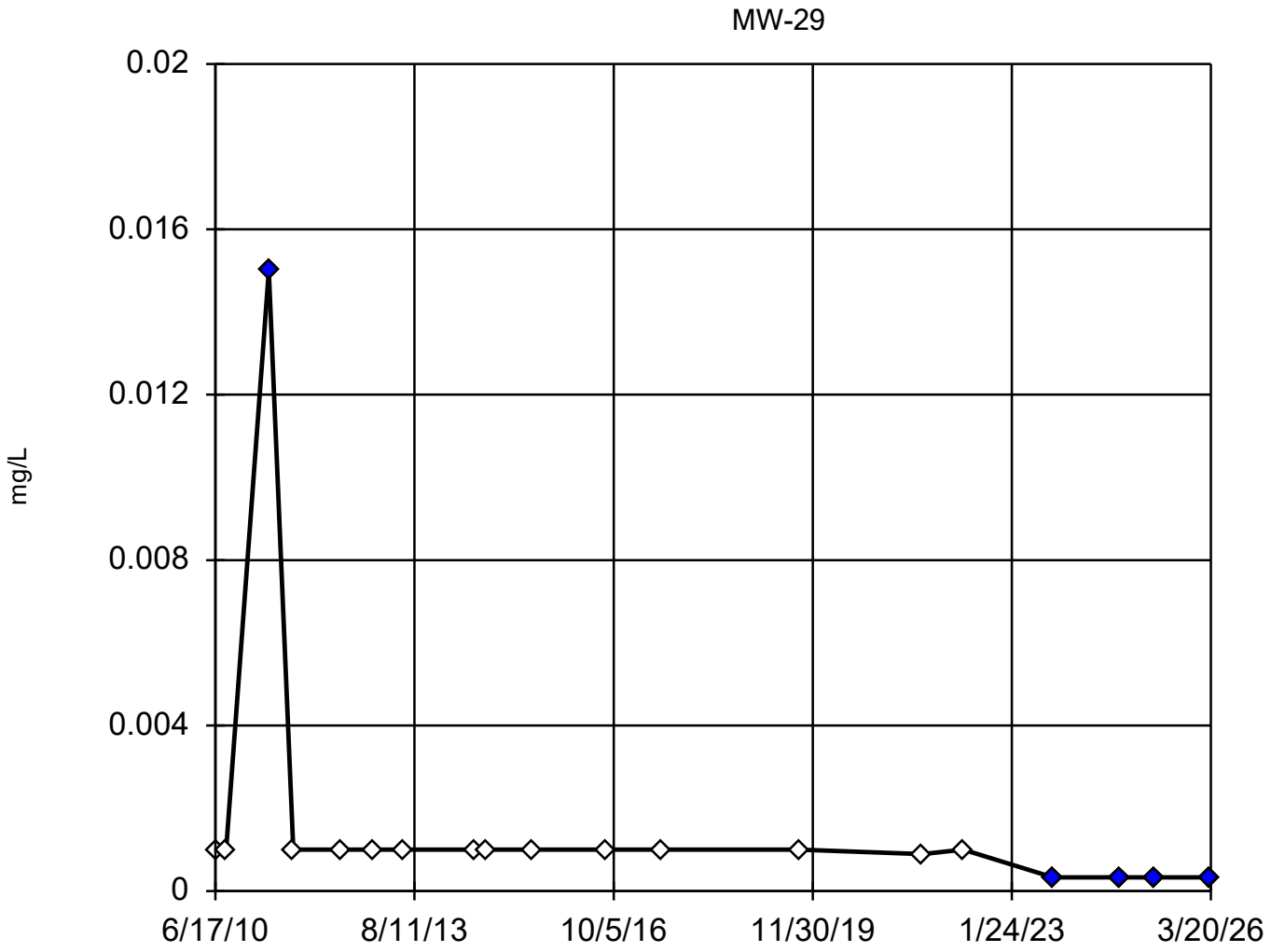
Normality test used:
Chi Squared@alpha = 0.05
Calculated = 1
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Benzene Analysis Run 4/28/2026 5:02 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening



n = 19

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Chi Squared normality test failed at the 0.05 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.001414, low cutoff = 0.0006302, based on IQR multiplier of 3.

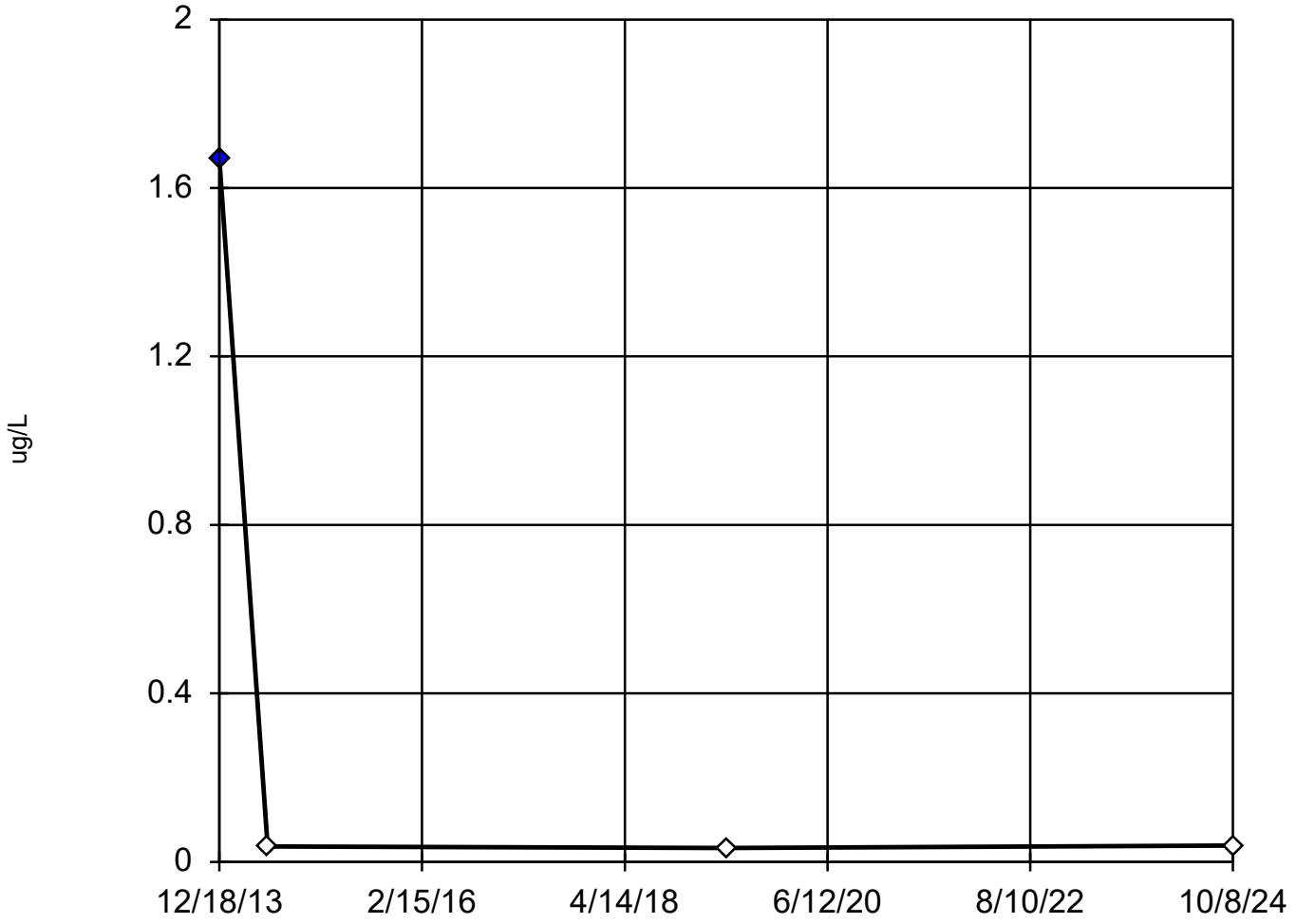
Constituent: Beryllium Analysis Run 4/28/2026 5:02 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-18



n = 4

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 0.4445.
Std. Dev. = 0.817.
<1.67 (o): c = 0.9963
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 2
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

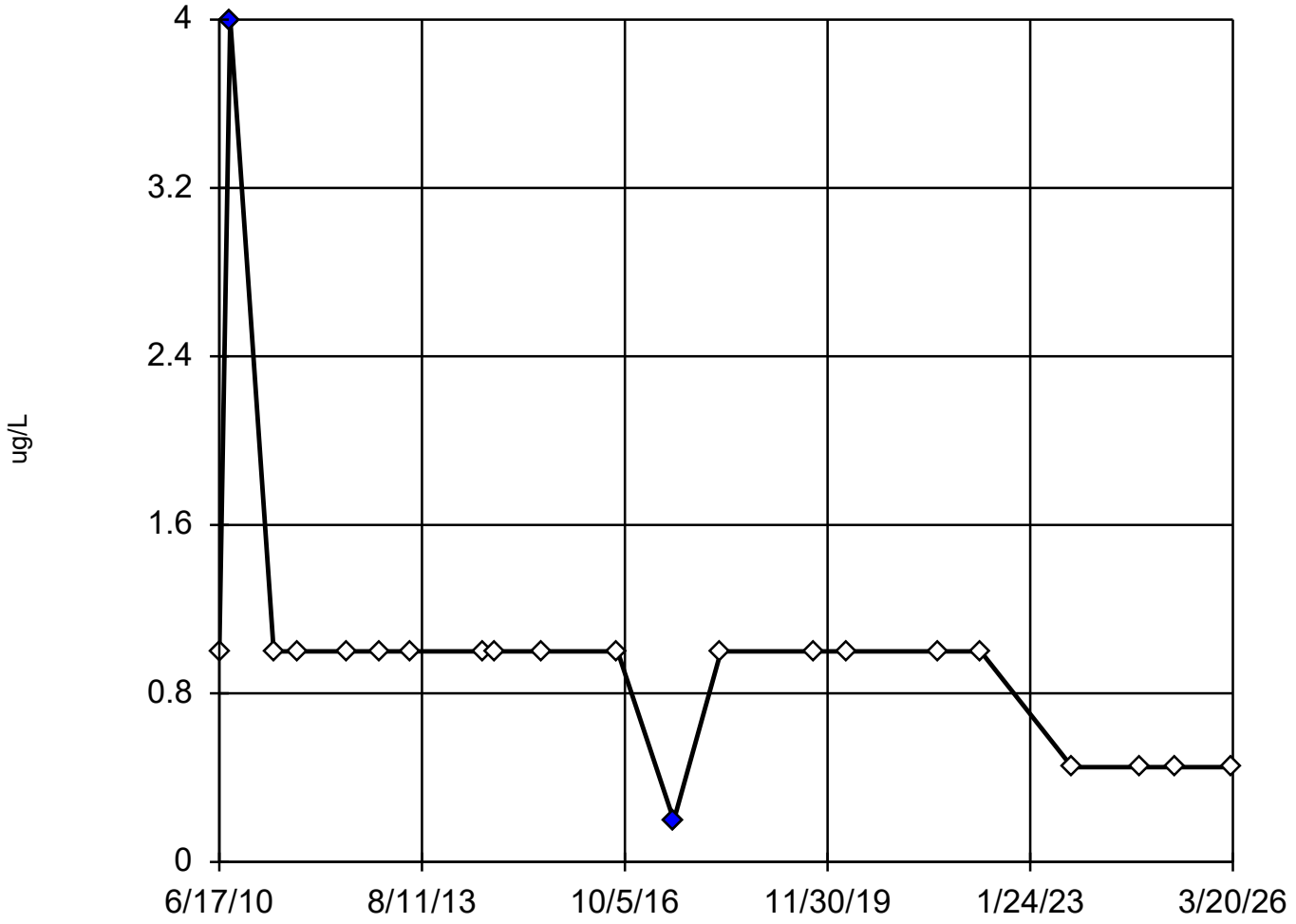
Constituent: Beta-BHC Analysis Run 4/28/2026 5:02 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

MW-29



n = 21

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Chi Squared normality test failed at the 0.05 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

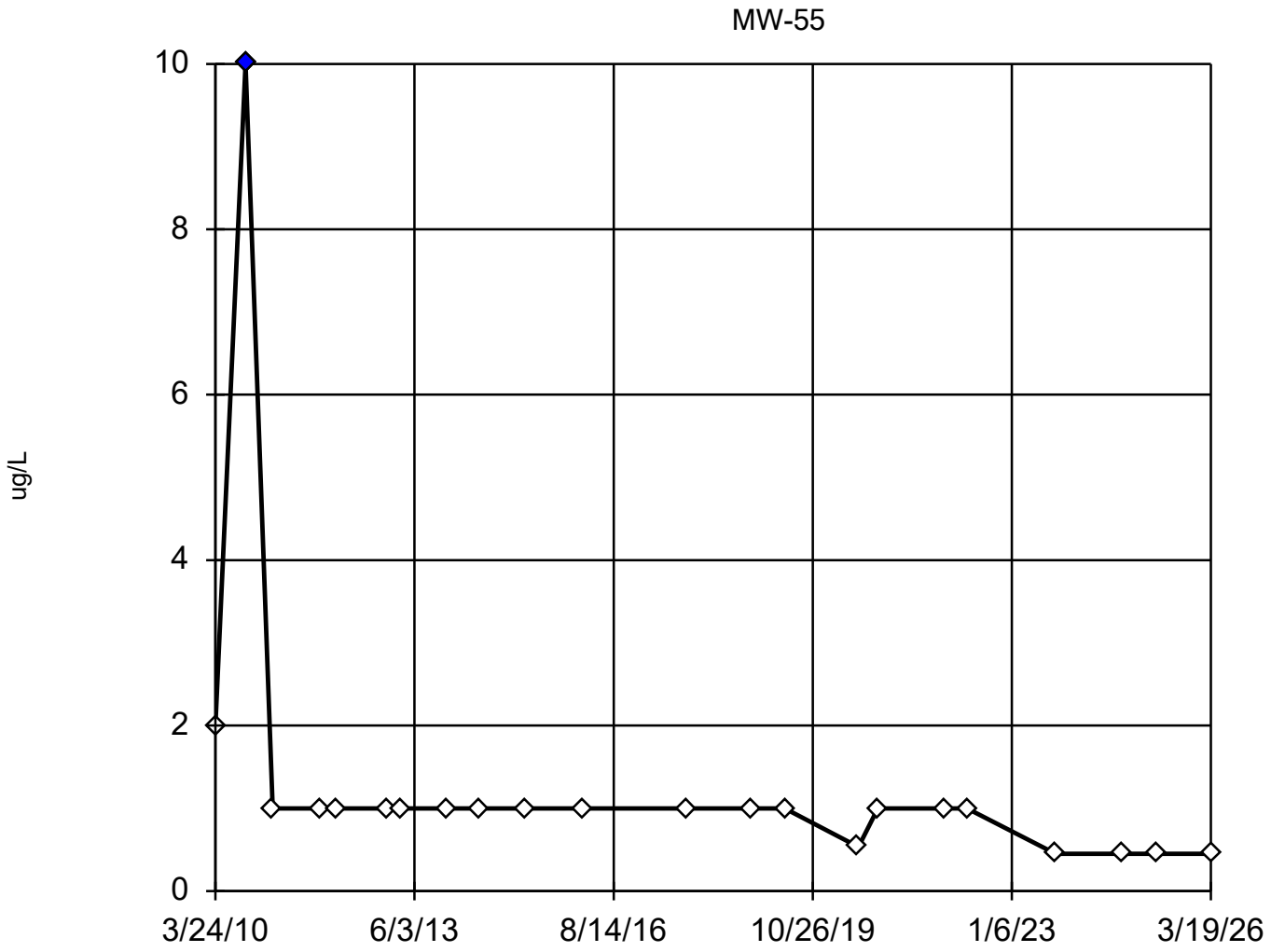
High cutoff = 3.313, low cutoff = 0.2025, based on IQR multiplier of 3.

Constituent: Carbon Disulfide Analysis Run 4/28/2026 5:03 PM View: 1_Descriptive Statistics - Outliers_v.

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening



n = 22

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Chi Squared normality test failed at the 0.05 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.577, low cutoff = 0.283, based on IQR multiplier of 3.

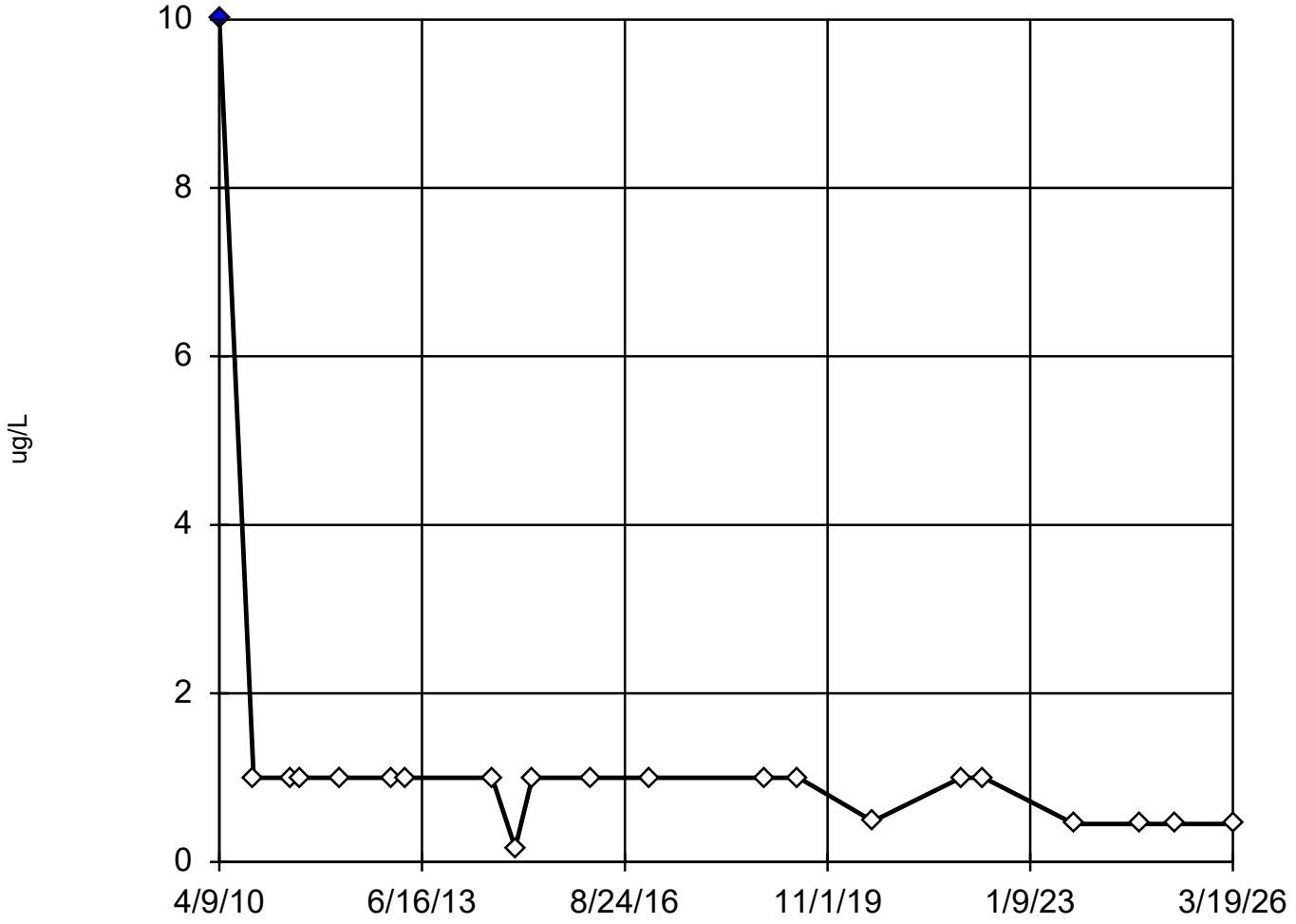
Constituent: Carbon Disulfide Analysis Run 4/28/2026 5:03 PM View: 1_Descriptive Statistics - Outliers_v.

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

MW-56



n = 21

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Chi Squared normality test failed at the 0.05 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 9.869, low cutoff = 0.04724, based on IQR multiplier of 3.

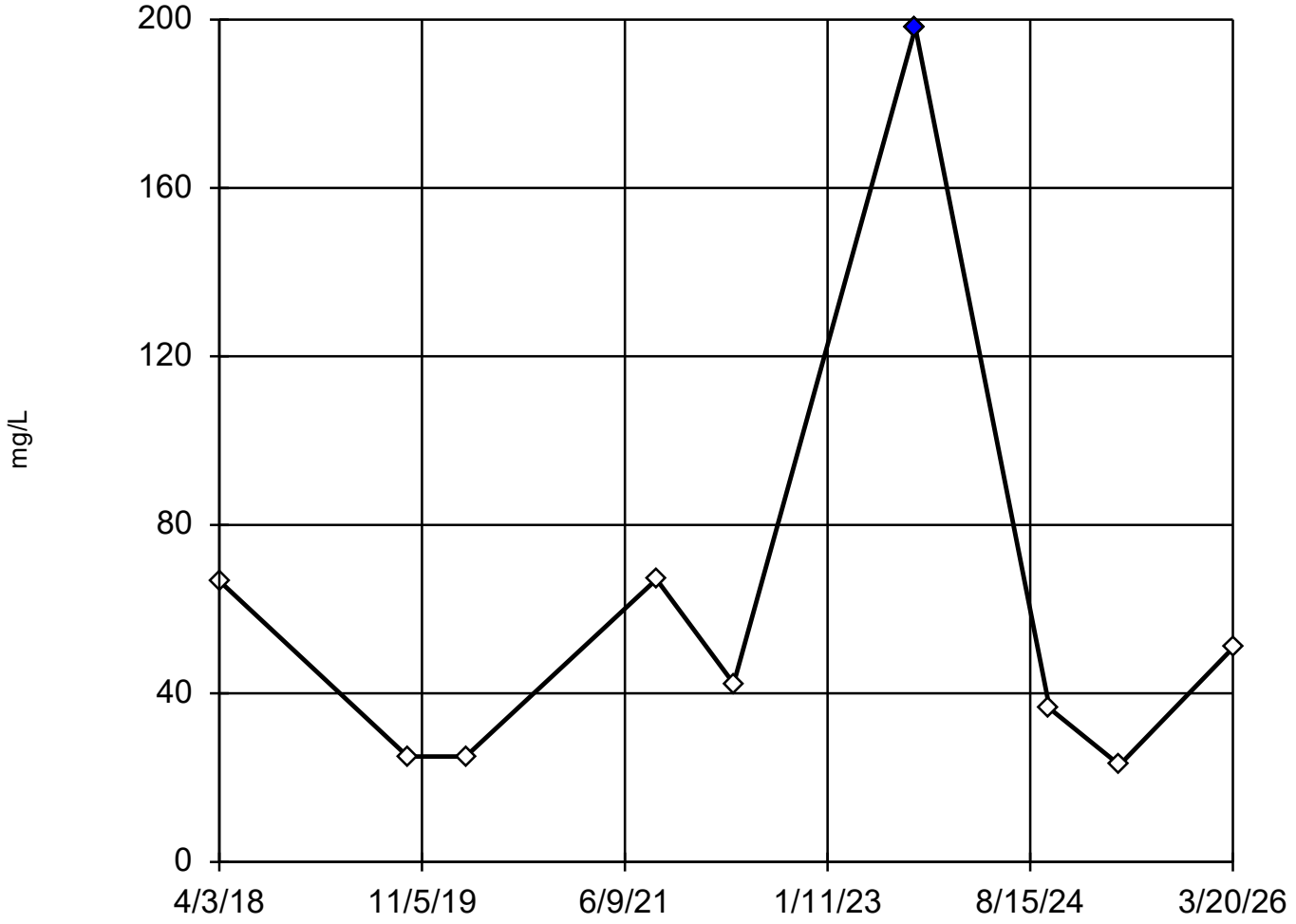
Constituent: Carbon Disulfide Analysis Run 4/28/2026 5:03 PM View: 1_Descriptive Statistics - Outliers_v.

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

SW-103



n = 9

Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 59.37.
Std. Dev. = 54.67.
198: c = 0.7566
tabl = 0.512.
Alpha = 0.05.

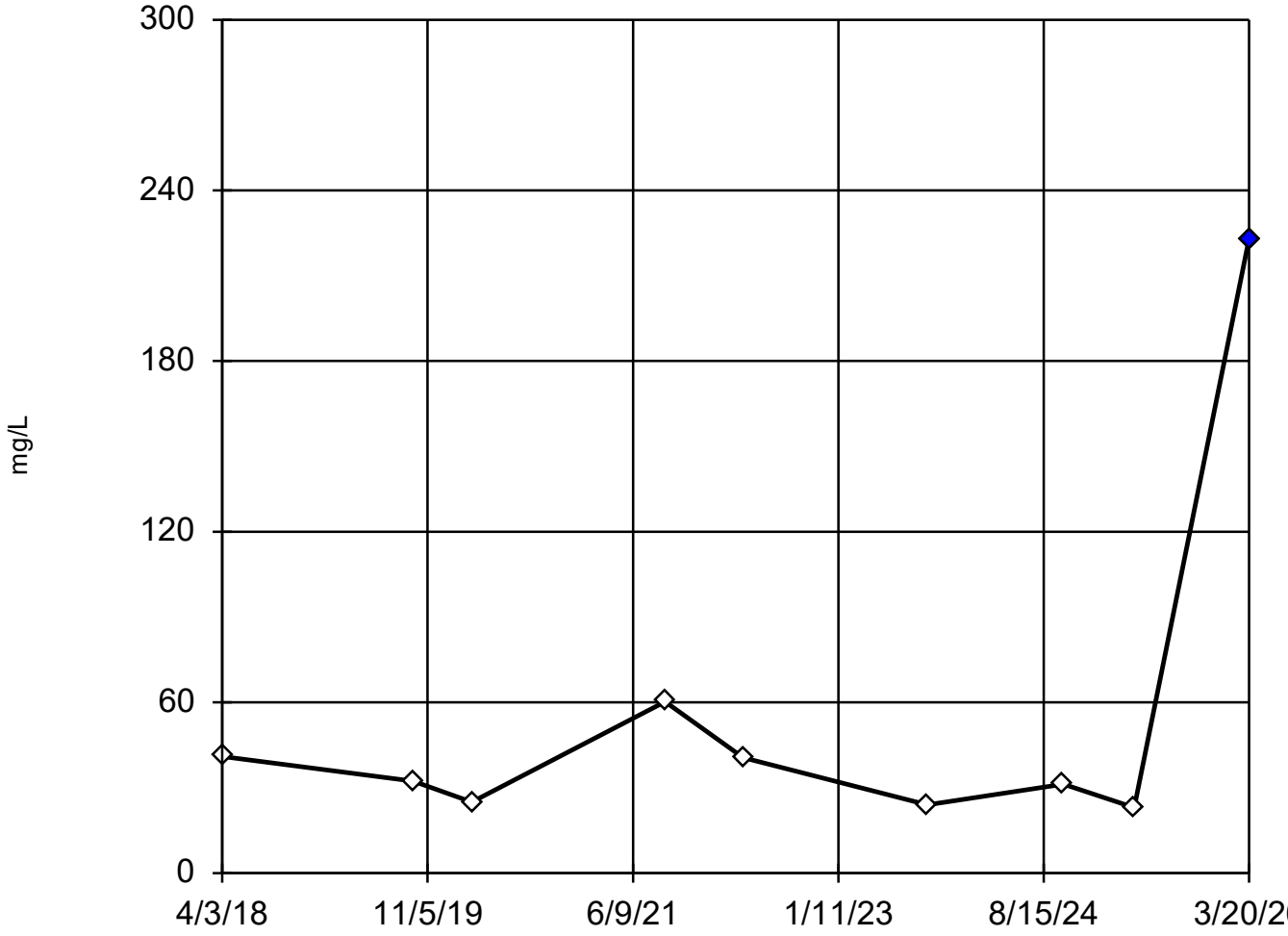
Normality test used:
Chi Squared@alpha = 0.05
Calculated = 2
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Chemical Oxygen Demand Analysis Run 4/28/2026 5:03 PM View: 1_Descriptive Statistics - Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

SW-106



n = 9

Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 55.61.
Std. Dev. = 63.85.
223: c = 0.8176
tabl = 0.512.
Alpha = 0.05.

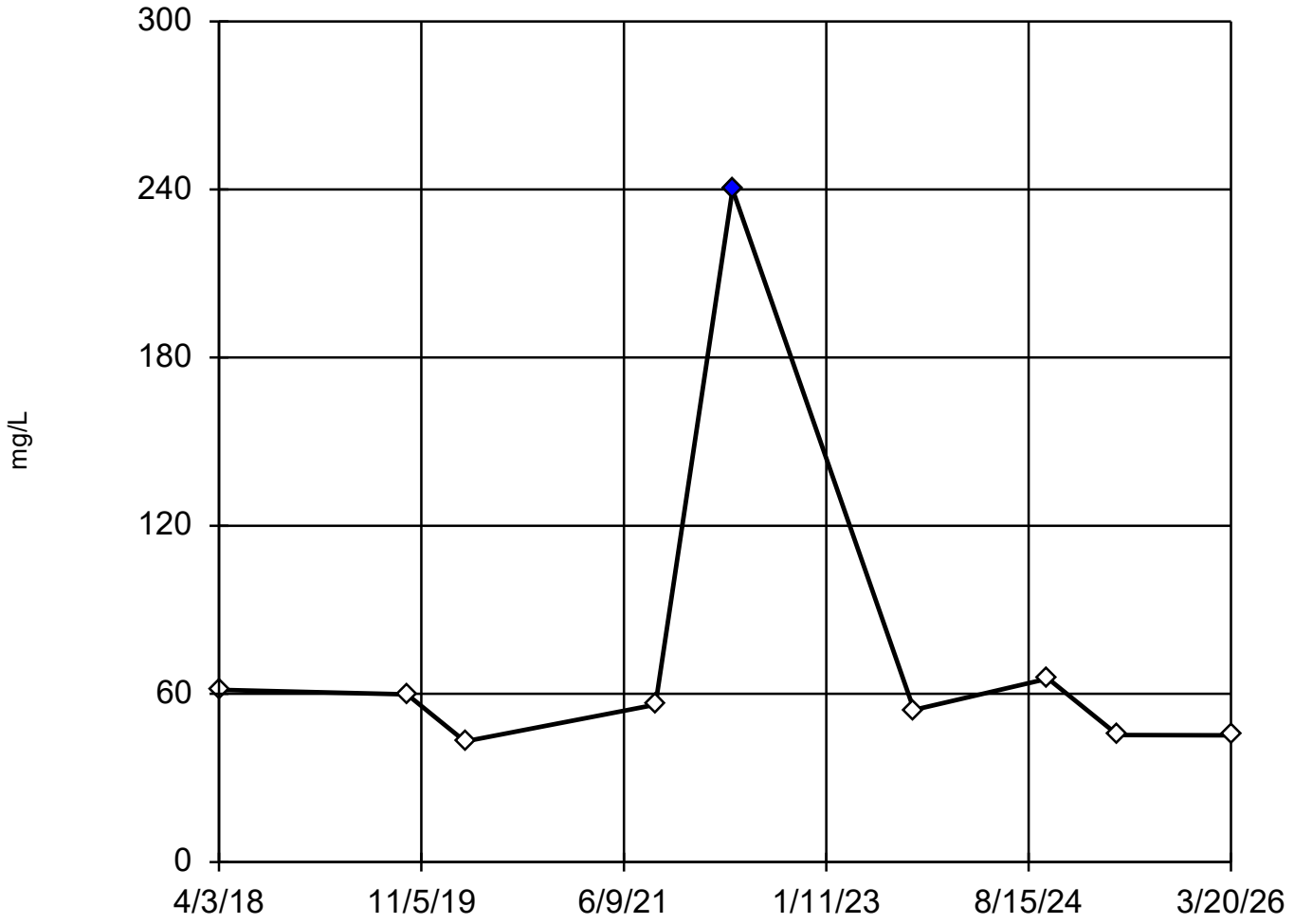
Normality test used:
Chi Squared@alpha = 0.05
Calculated = 0.75
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Chemical Oxygen Demand Analysis Run 4/28/2026 5:03 PM View: 1_Descriptive Statistics - Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

SW-101



n = 9

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 74.52.
Std. Dev. = 62.55.
240 (o): c = 0.8958
tabl = 0.512.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 3.25
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

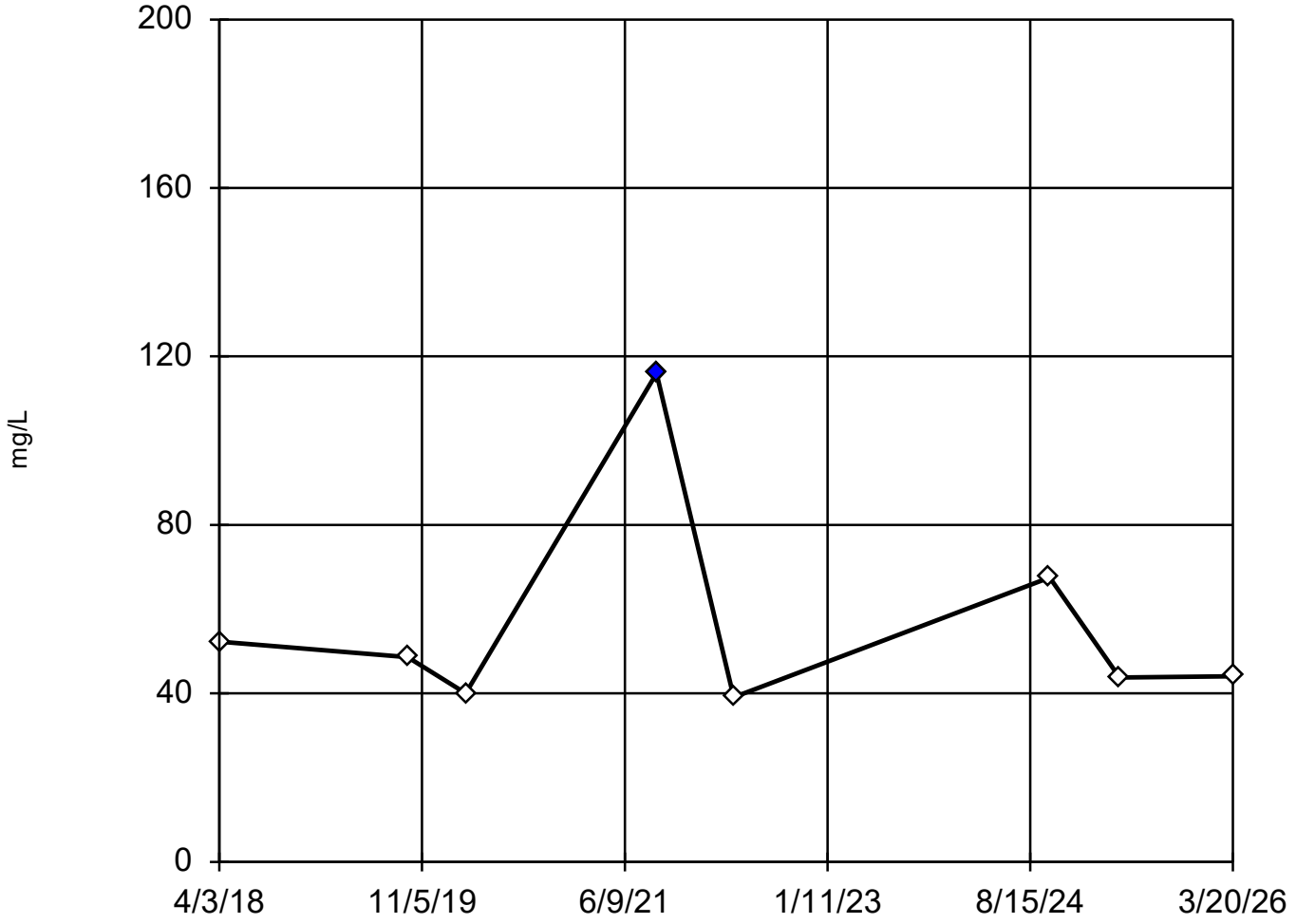
Constituent: Chloride Analysis Run 4/28/2026 5:03 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

SW-102



n = 8

Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 56.43.
Std. Dev. = 25.72.
116: c = 0.6382
tabl = 0.554.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 2.286
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

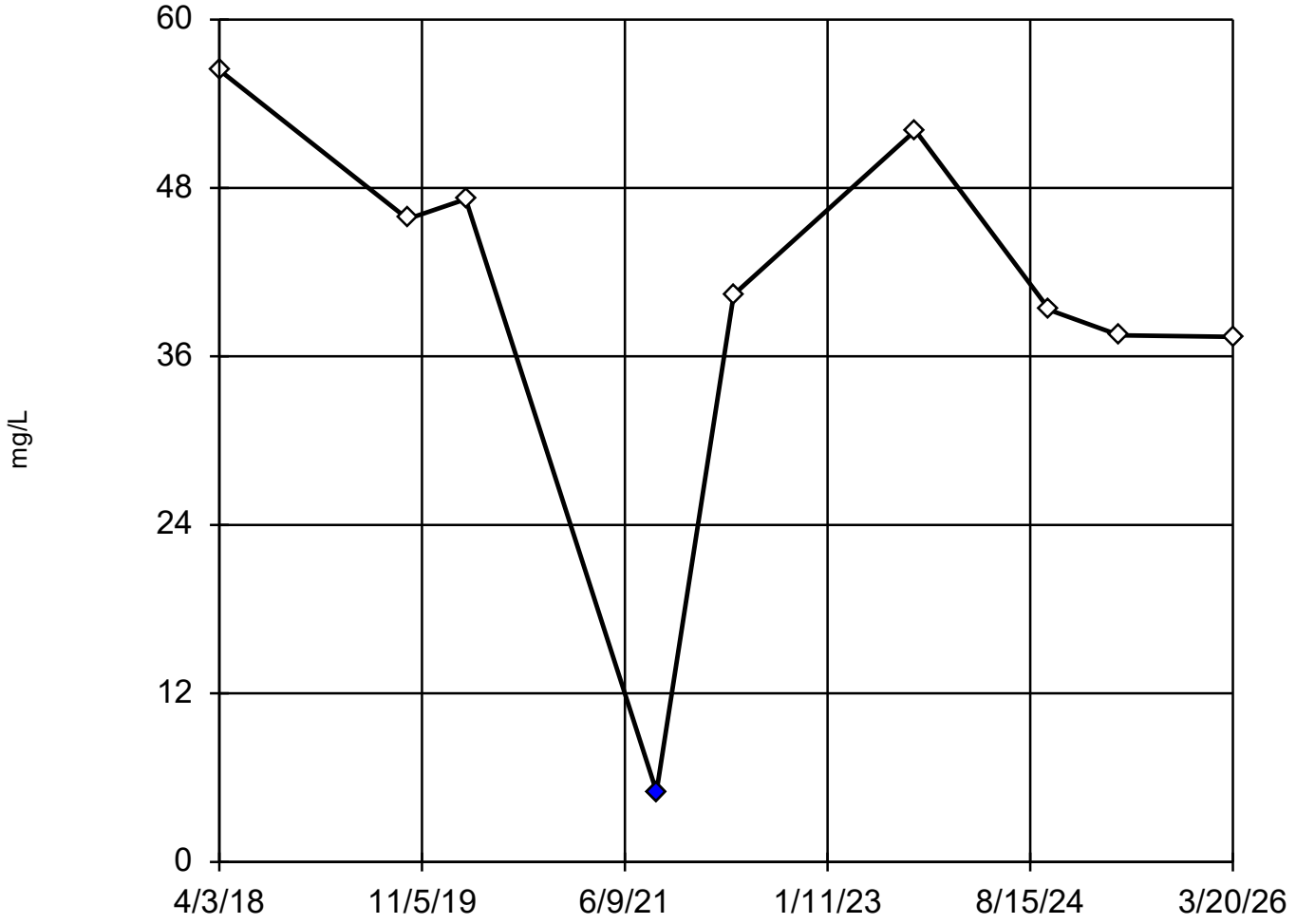
Constituent: Chloride Analysis Run 4/28/2026 5:03 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

SW-103



n = 9

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 low outlier.
Mean = 40.12.
Std. Dev. = 14.75.
<5 (o): c = 0.6879
tabl = 0.512.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 0.75
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

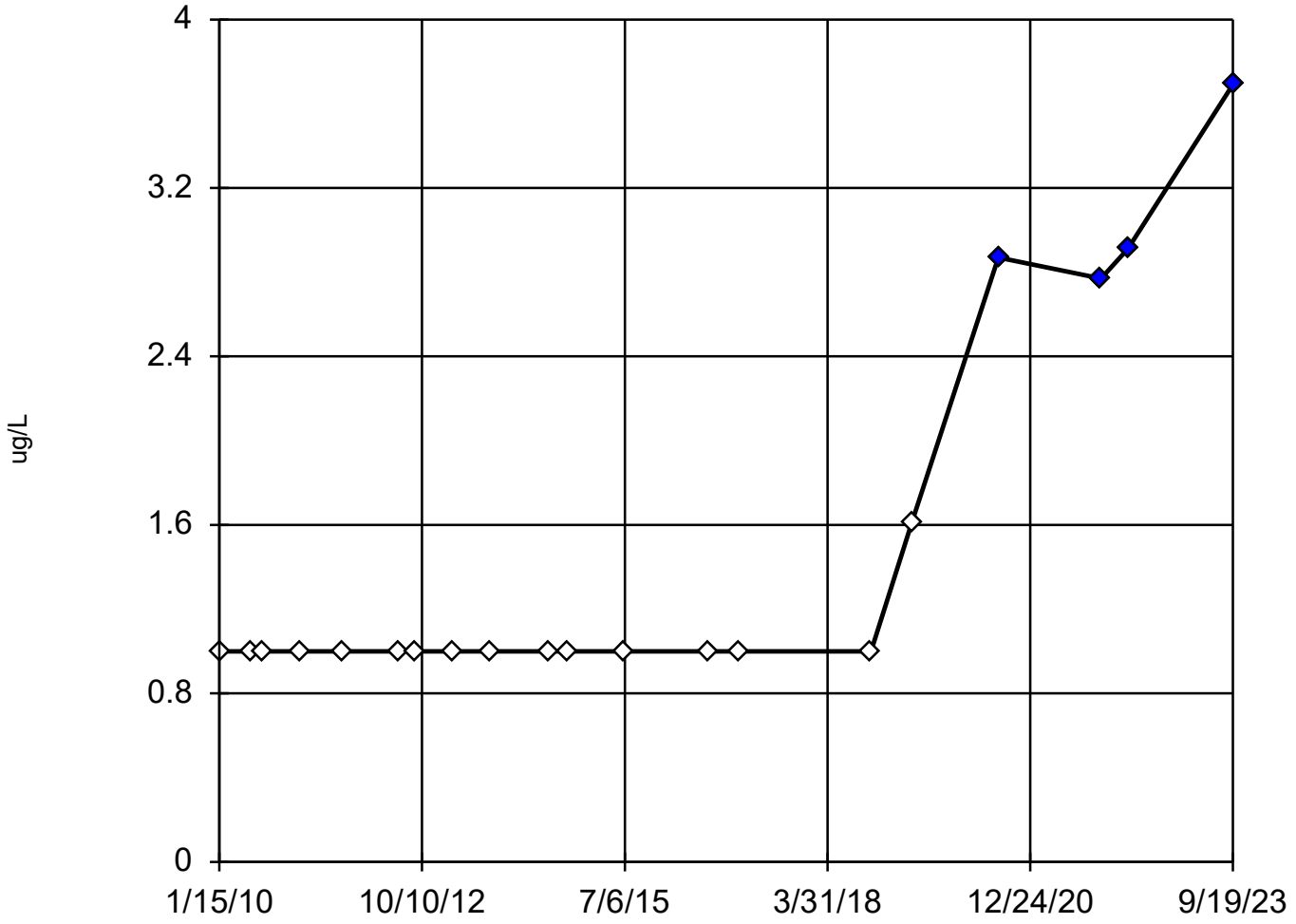
Constituent: Chloride Analysis Run 4/28/2026 5:03 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

MW-51



n = 20

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Chi Squared normality test failed at the 0.05 alpha level.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.428, low cutoff = 0.4084, based on IQR multiplier of 3.

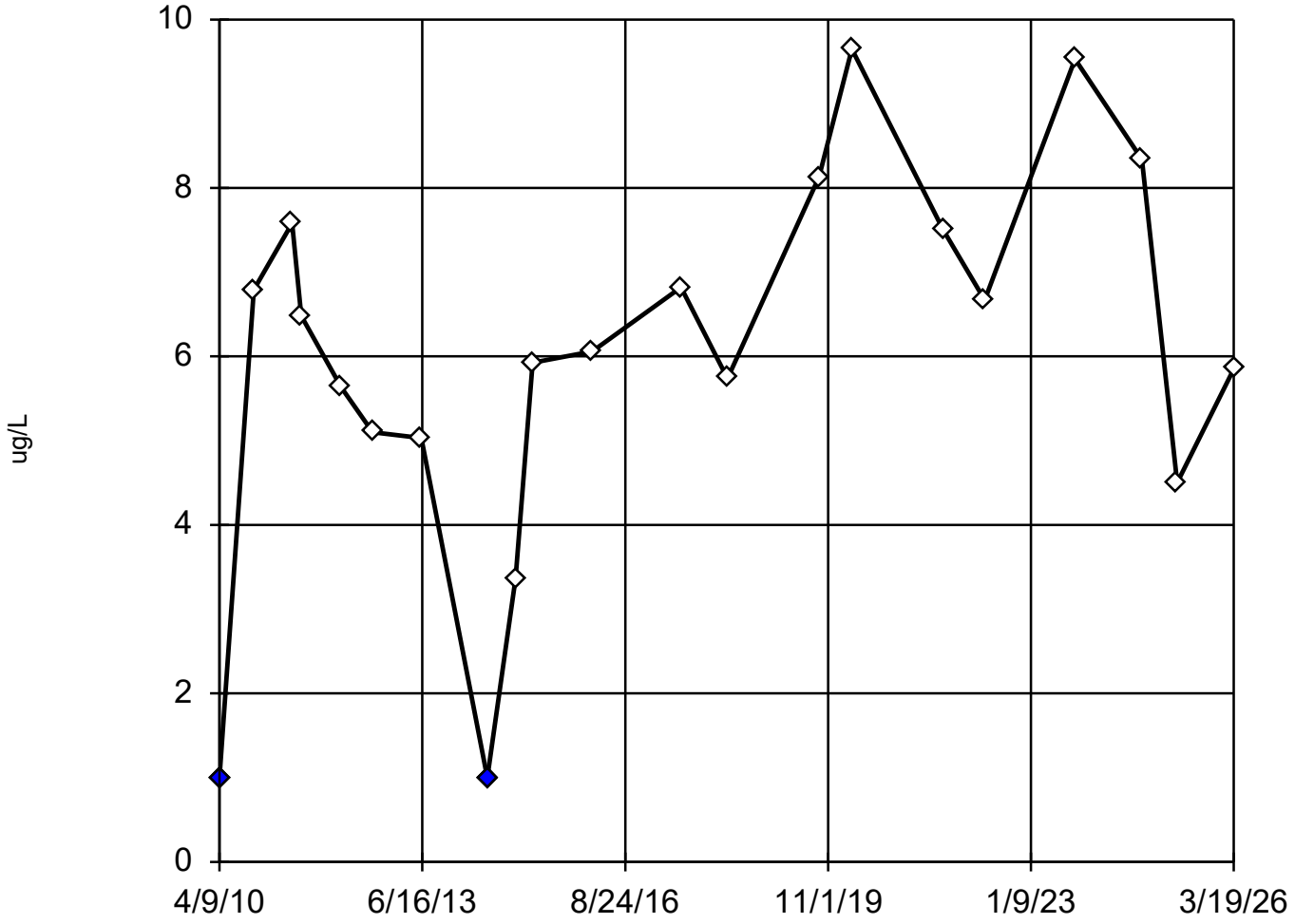
Constituent: Chlorobenzene Analysis Run 4/28/2026 5:04 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-58



n = 21

Statistical outliers are drawn as solid.
2 values manually flagged as outliers.
Testing for 4 low outliers.
Mean = 6.033.
Std. Dev. = 2.277.
4.5: c = 0.1563
tabl = 0.44.
Alpha = 0.05.
3.37: c = 0.334
tabl = 0.44.
Alpha = 0.05.
<1 (o): c = 0.4768
tabl = 0.44.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 1.263
Critical = 5.991
The distribution, after removal of suspect values, was found to be normally distributed.

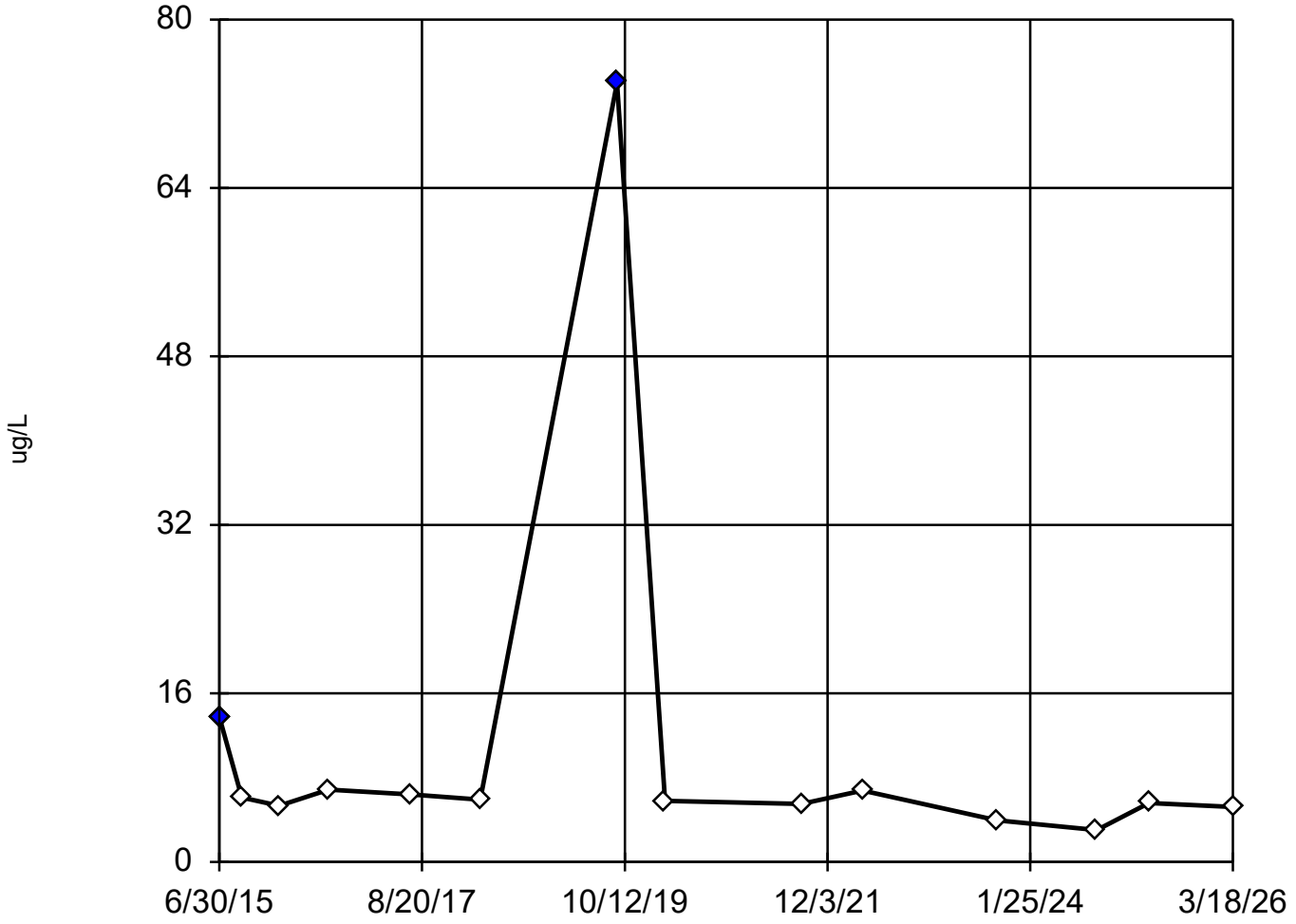
Constituent: Chlorobenzene Analysis Run 4/28/2026 5:04 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-68



n = 14

Statistical outliers are drawn as solid.
2 values manually flagged as outliers.
Testing for 2 high and 2 low outliers.
Mean = 11.02.
Std. Dev. = 18.29.
6.86: c = 0.831
tabl = 0.546.
3.94: c = 0.4947
tabl = 0.546.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 1
Critical = 5.991
The distribution, after removal of suspect values, was found to be normally distributed.

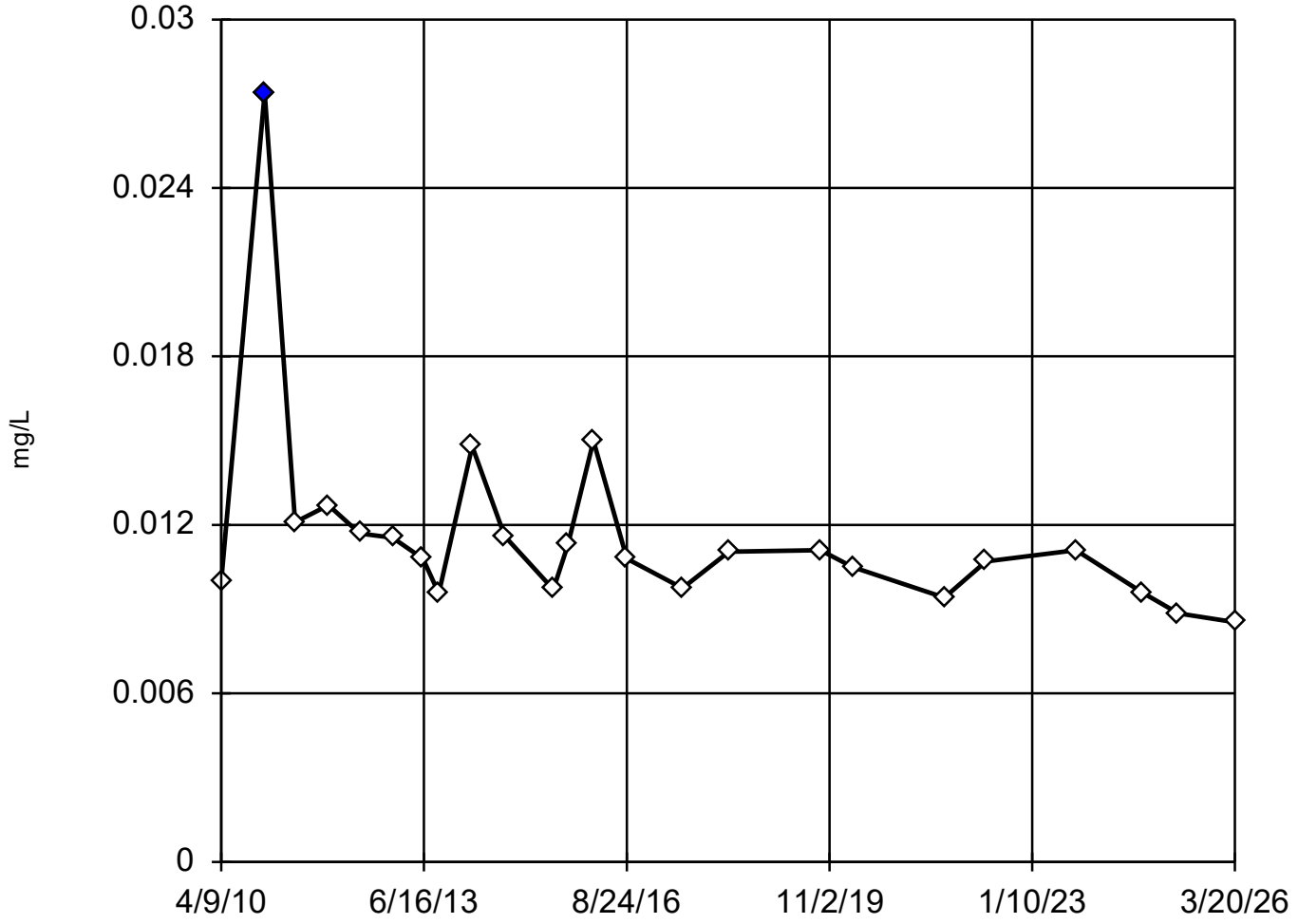
Constituent: cis-1,2-Dichloroethene Analysis Run 4/28/2026 5:05 PM View: 1_Descriptive Statistics - Outli

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Rosner's Outlier Test

MW-33R



n = 24

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.

k = 1
r = 4.245
Tabulated value = 2.824
Alpha = 0.01

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 2
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

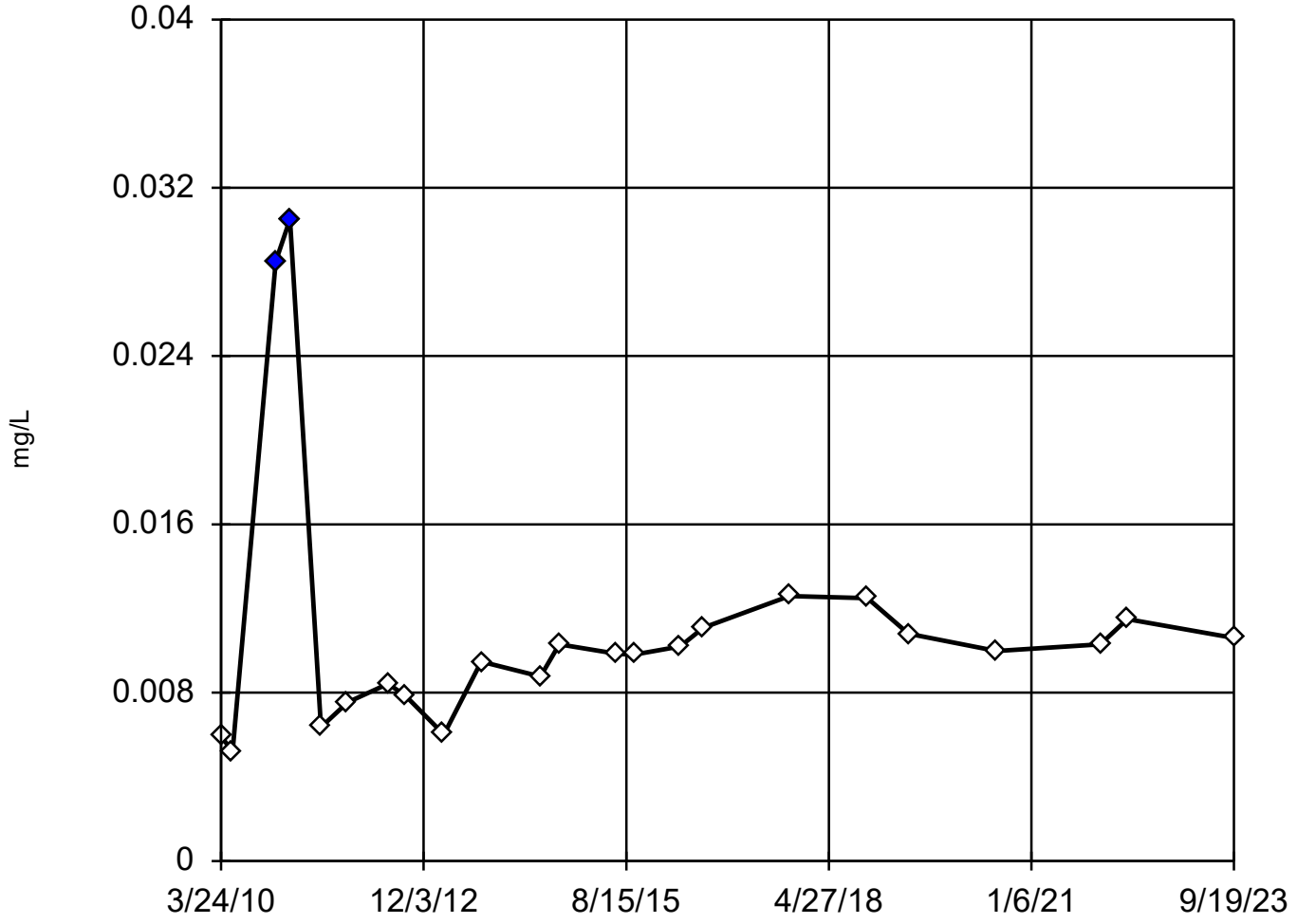
Constituent: Cobalt Analysis Run 4/28/2026 5:05 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Rosner's Outlier Test

MW-52



n = 23

Statistical outliers are drawn as solid.
2 values manually flagged as outliers.

k = 2
r = 3.992
Tabulated value = 3.168
Alpha = 0.01

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 2.571
Critical = 5.991
The distribution, after removal of suspect values, was found to be normally distributed.

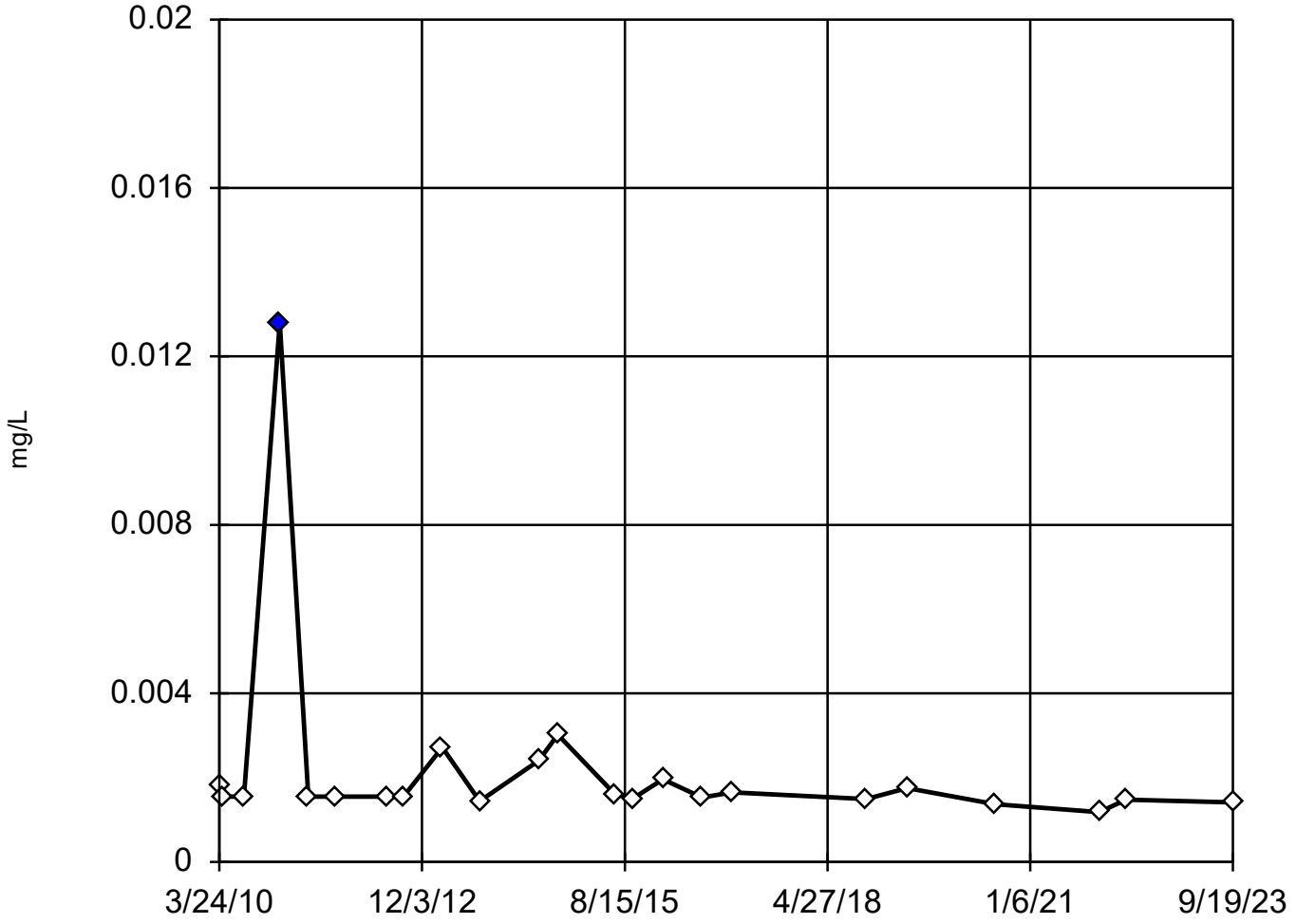
Constituent: Cobalt Analysis Run 4/28/2026 5:05 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

MW-54



n = 23

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Chi Squared normality test failed at the 0.05 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.003317, low cutoff = 0.0008176, based on IQR multiplier of 3.

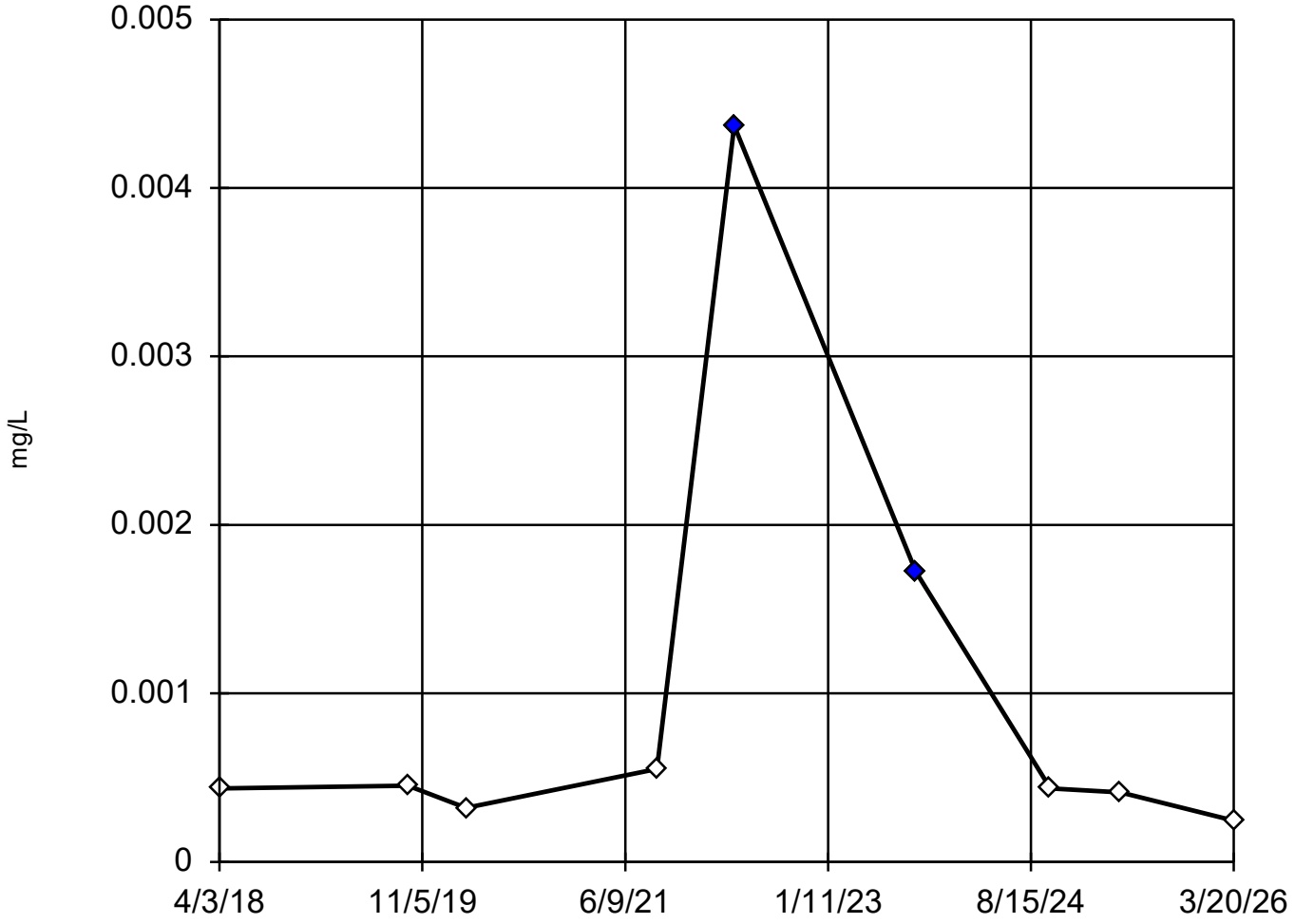
Constituent: Cobalt Analysis Run 4/28/2026 5:05 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

SW-101



n = 9

Statistical outliers are drawn as solid.
Testing for 2 high outliers.
Mean = 0.0009939.
Std. Dev. = 0.001341.
0.00172: c = 0.835
tabl = 0.512.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 3.714
Critical = 5.991
The distribution, after removal of suspect values, was found to be normally distributed.

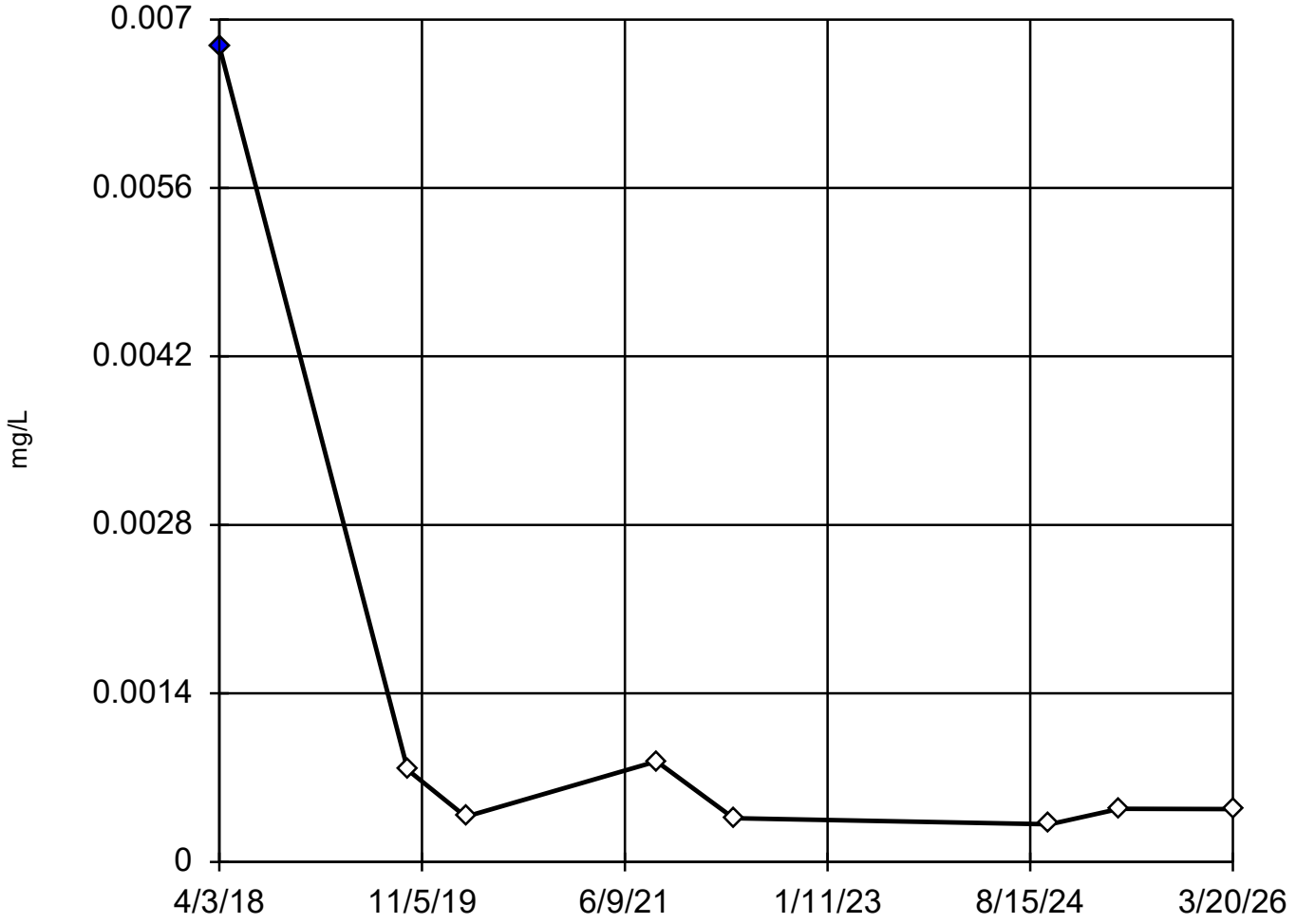
Constituent: Cobalt Analysis Run 4/28/2026 5:05 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

SW-102



n = 8

Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 0.001289.
Std. Dev. = 0.002227.
0.00678: c = 0.7161
tabl = 0.554.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 2.286
Critical = 5.991 (after natural log transformation)
The distribution, after removal of suspect value, was found to be log-normal.

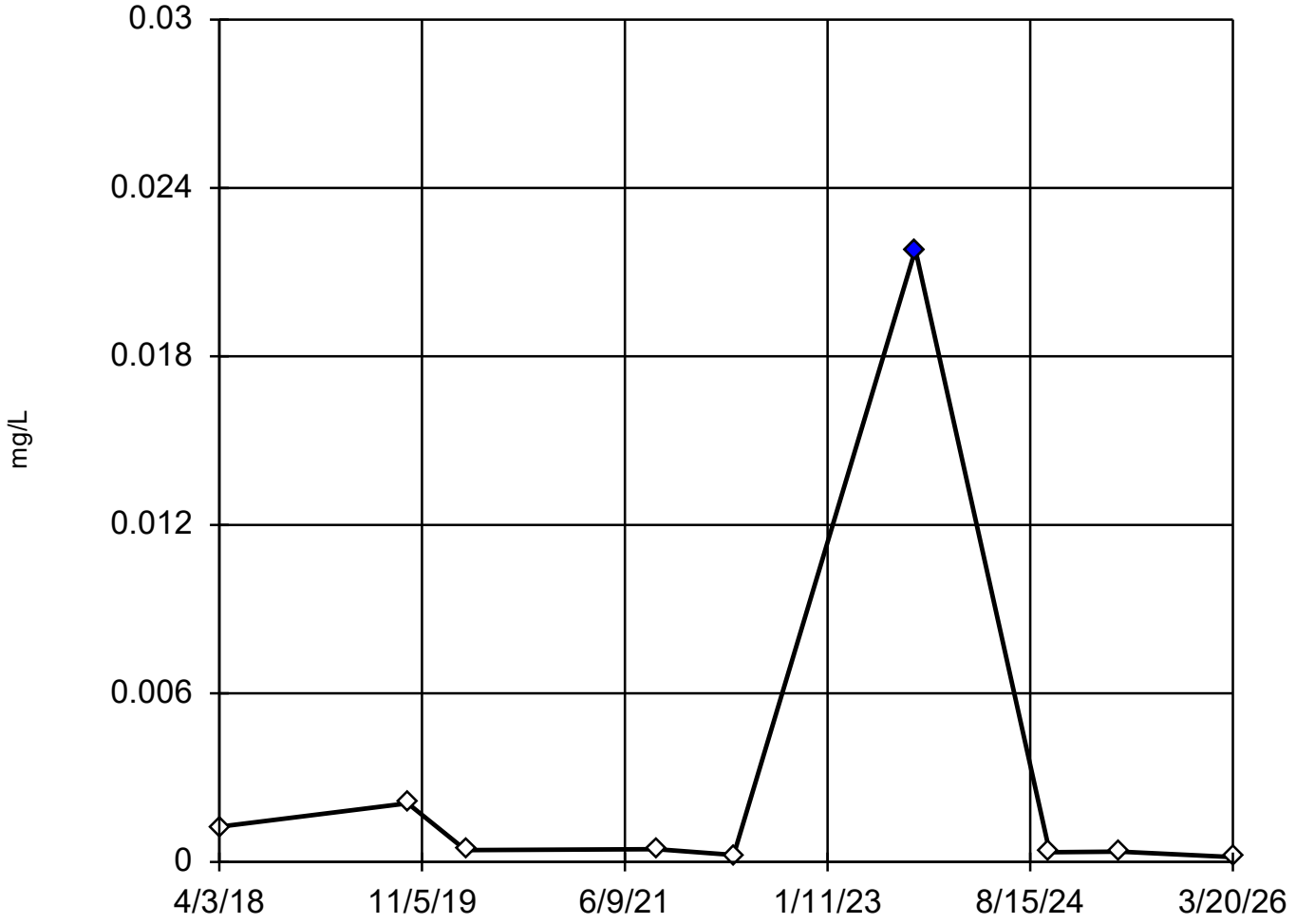
Constituent: Cobalt Analysis Run 4/28/2026 5:05 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

SW-103



n = 9

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 0.003016.
Std. Dev. = 0.007071.
0.0218 (o): c = 0.5238
tabl = 0.512.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 3.25
Critical = 5.991 (after natural log transformation)
The distribution, after removal of suspect value, was found to be log-normal.

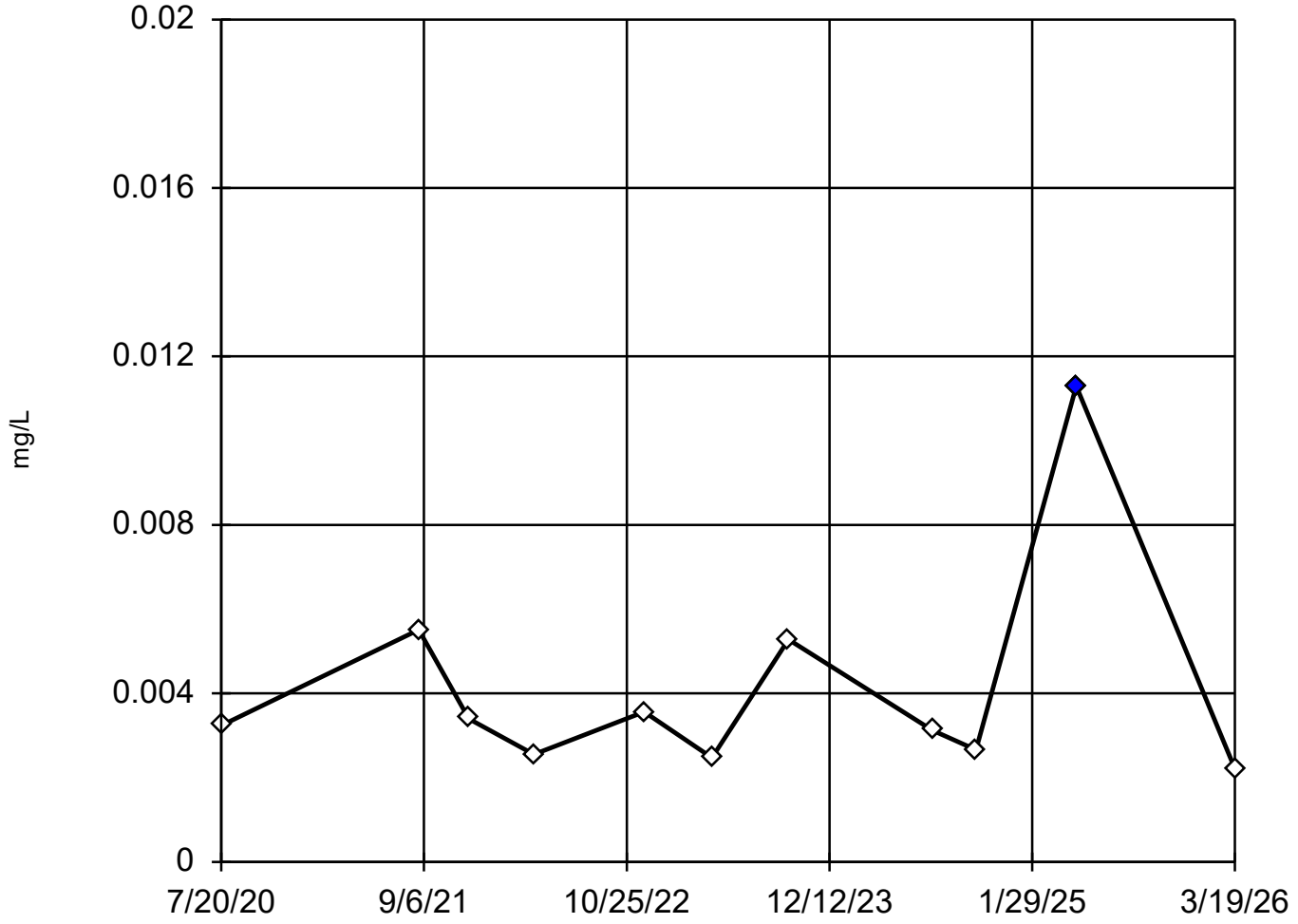
Constituent: Cobalt Analysis Run 4/28/2026 5:05 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-73



n = 11

Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 0.004118.
Std. Dev. = 0.002615.
0.0113: c = 0.6818
tabl = 0.576.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 5
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

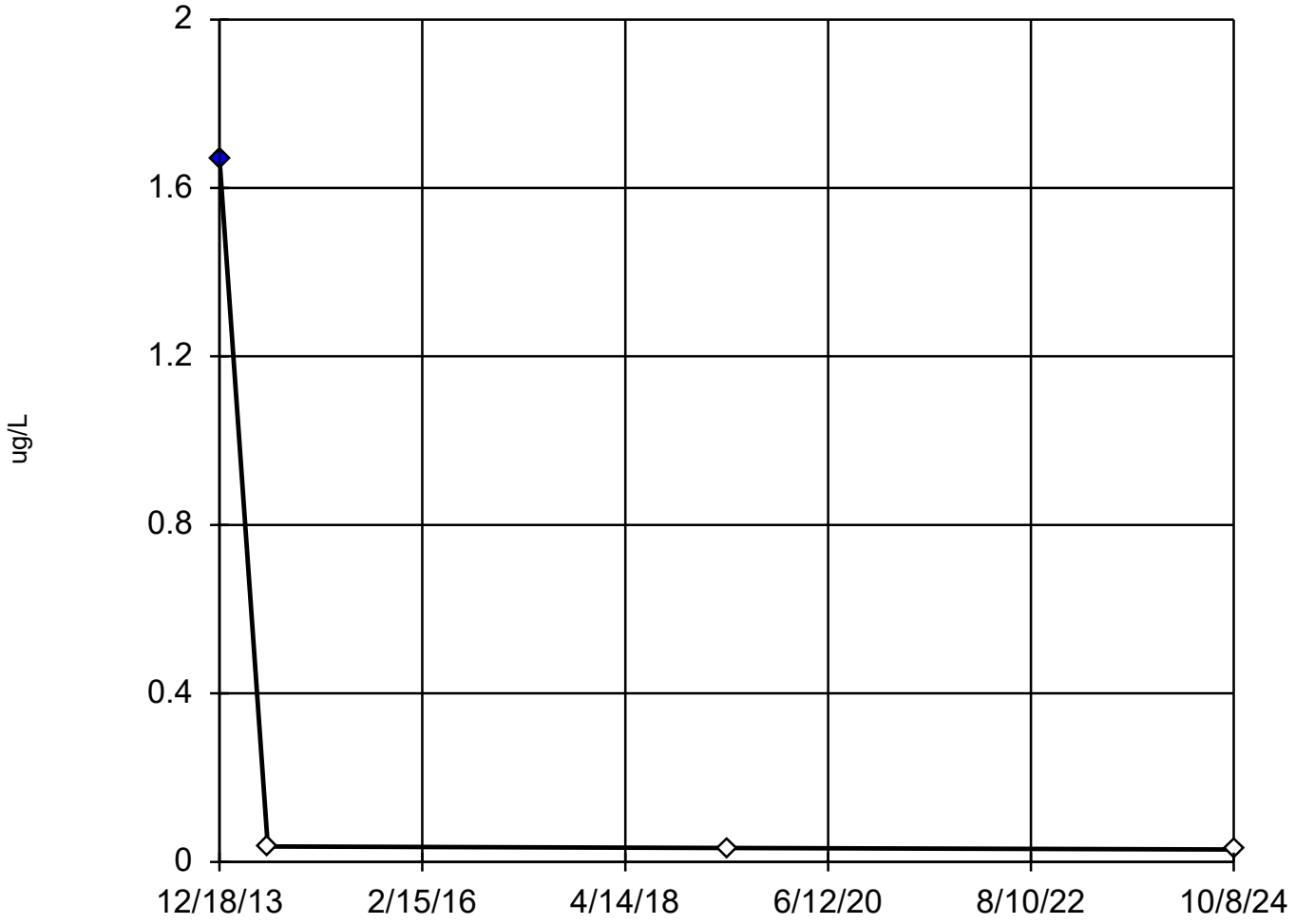
Constituent: Cobalt Analysis Run 4/28/2026 5:05 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-18



n = 4

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 0.4422.
Std. Dev. = 0.8185.
<1.67 (o): c = 0.9956
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 2
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

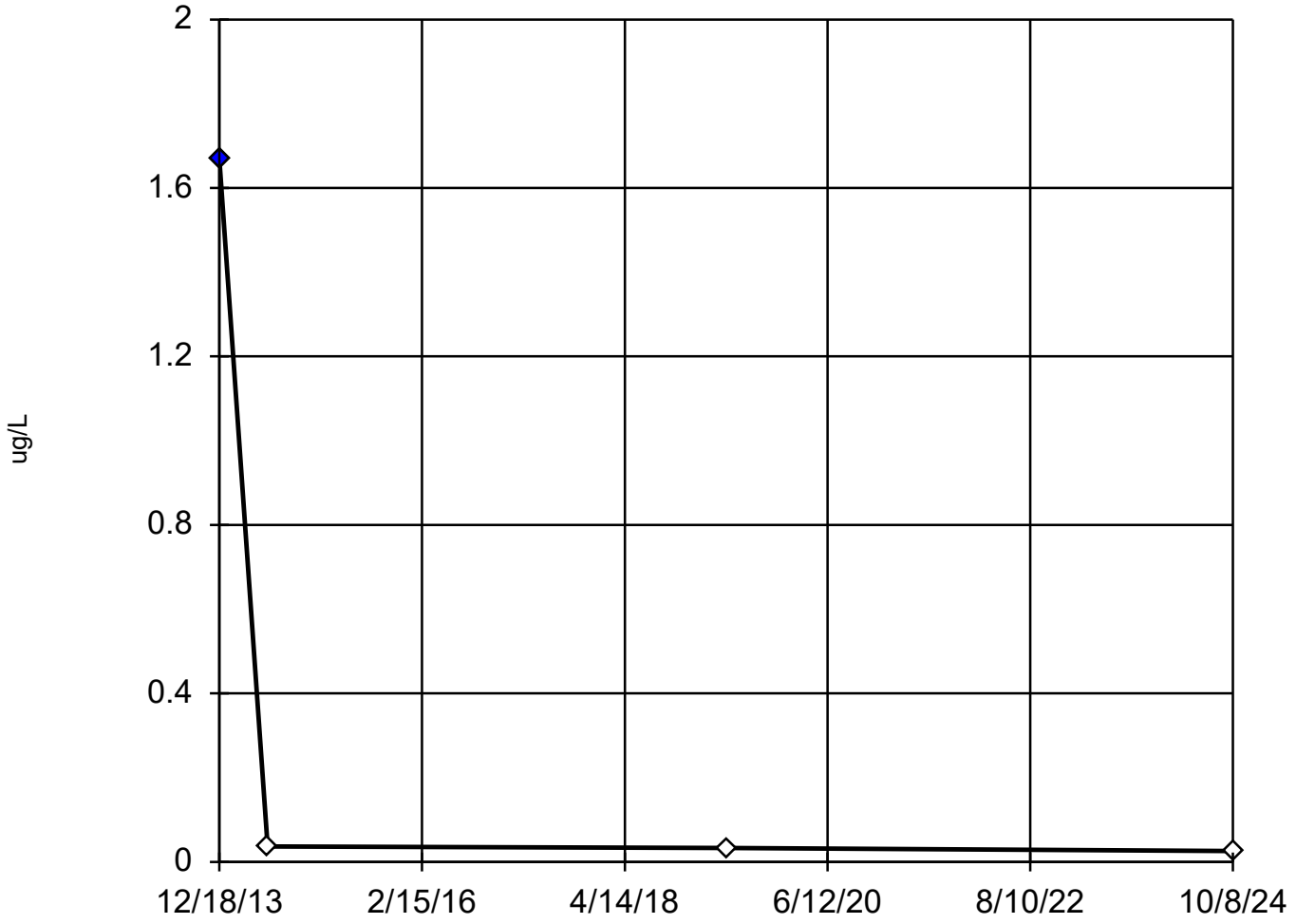
Constituent: Delta-BHC Analysis Run 4/28/2026 5:06 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-18



n = 4

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 0.4413.
Std. Dev. = 0.8191.
<1.67 (o): c = 0.9933
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 2
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

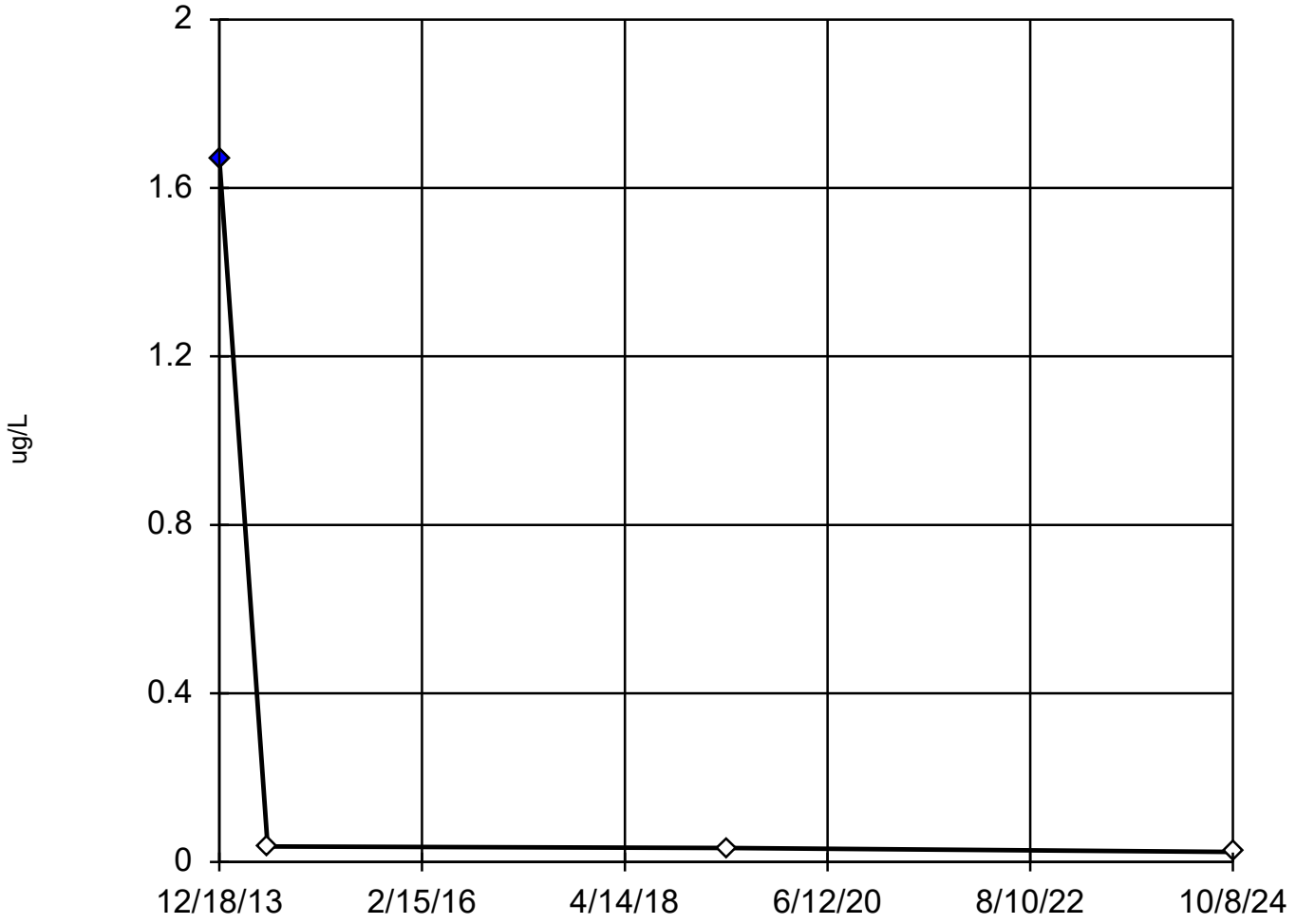
Constituent: Endosulfan I Analysis Run 4/28/2026 5:06 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-18



n = 4

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 0.4408.
Std. Dev. = 0.8195.
<1.67 (o): c = 0.9922
tabl = 0.765.
Alpha = 0.05.

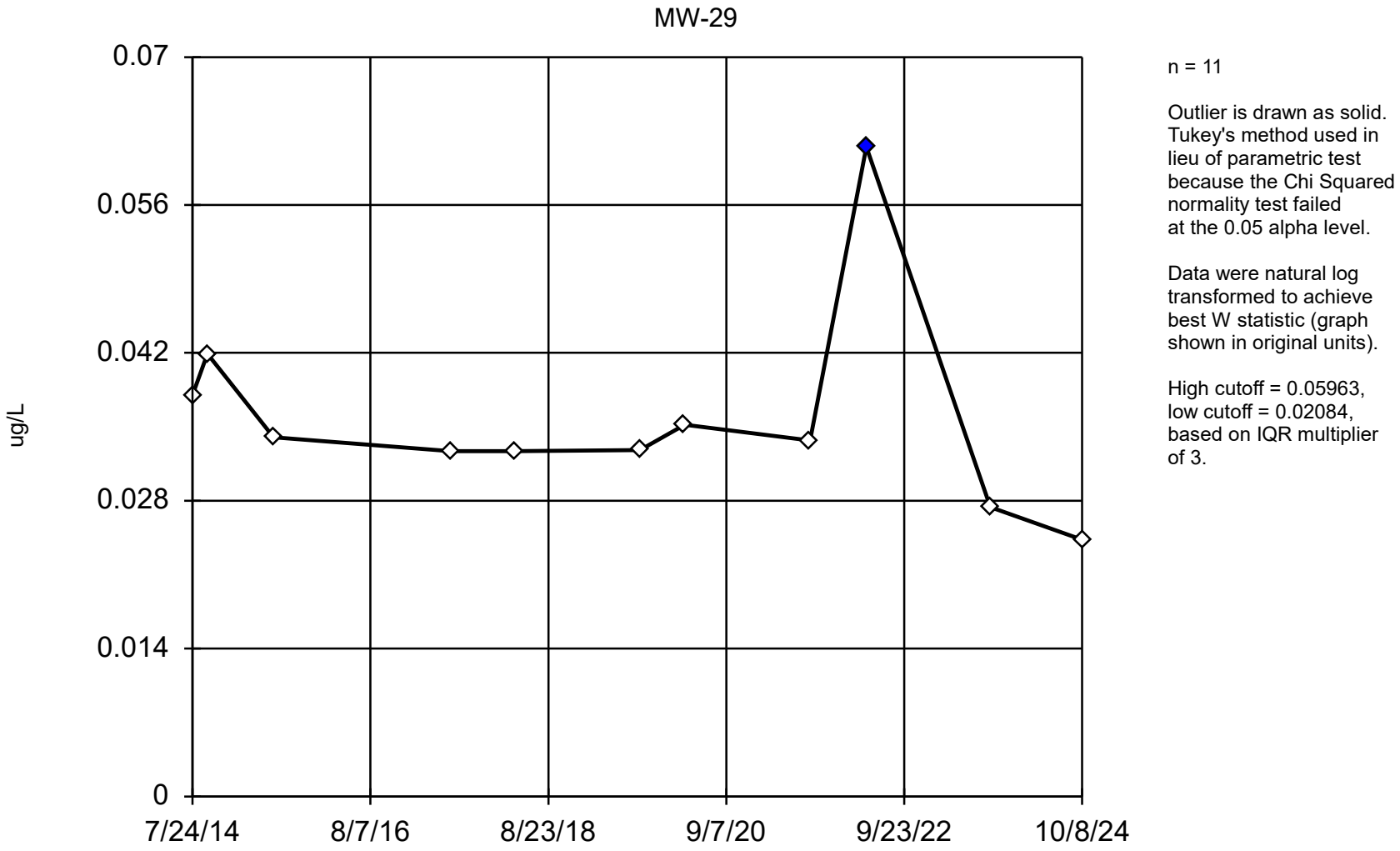
Normality test used:
Chi Squared@alpha = 0.05
Calculated = 2
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Endosulfan II Analysis Run 4/28/2026 5:07 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening



n = 11

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Chi Squared normality test failed at the 0.05 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.05963, low cutoff = 0.02084, based on IQR multiplier of 3.

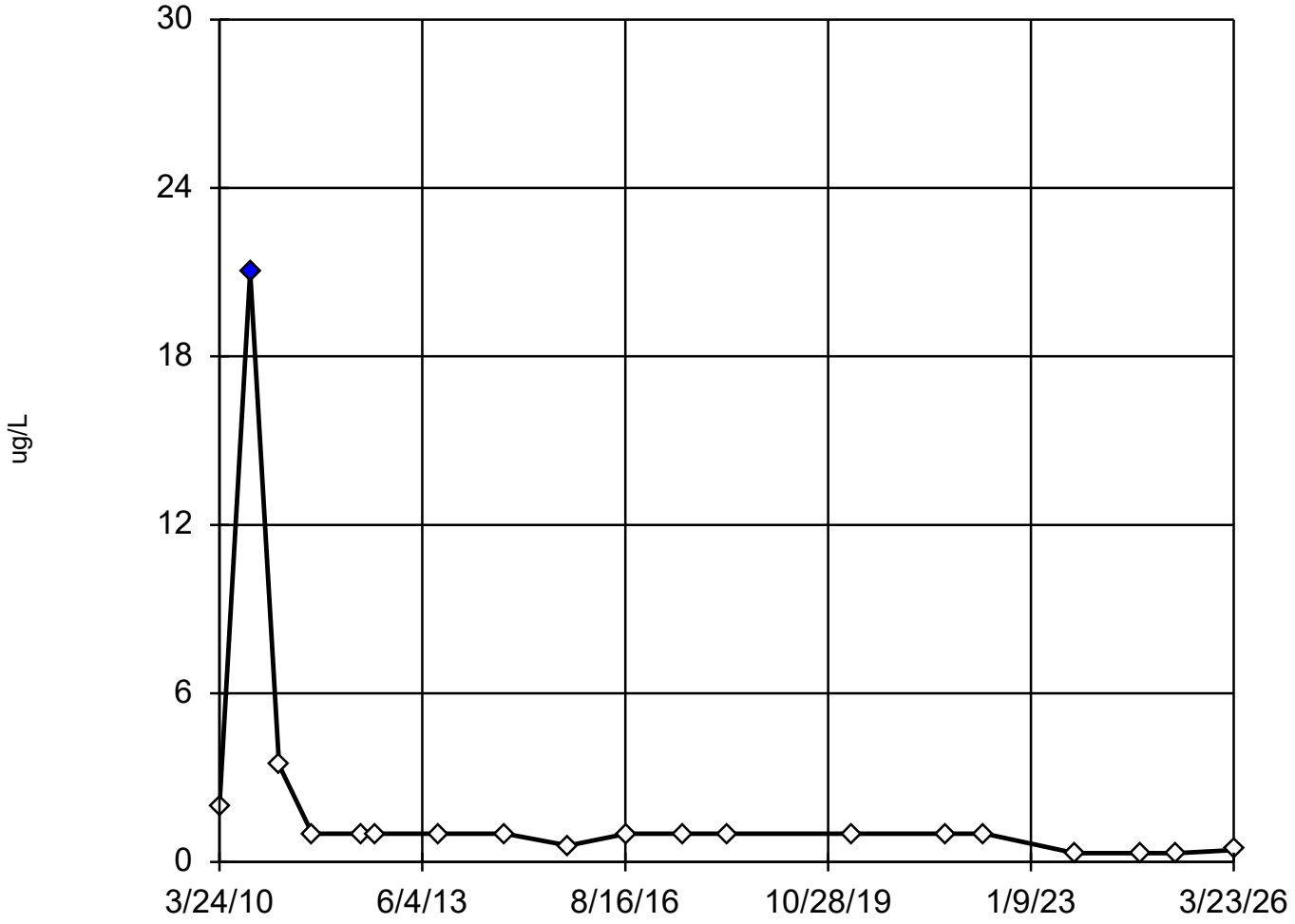
Constituent: Endosulfan II Analysis Run 4/28/2026 5:07 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

GU-3A



n = 19

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Chi Squared normality test failed at the 0.05 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 5.021, low cutoff = 0.1163, based on IQR multiplier of 3.

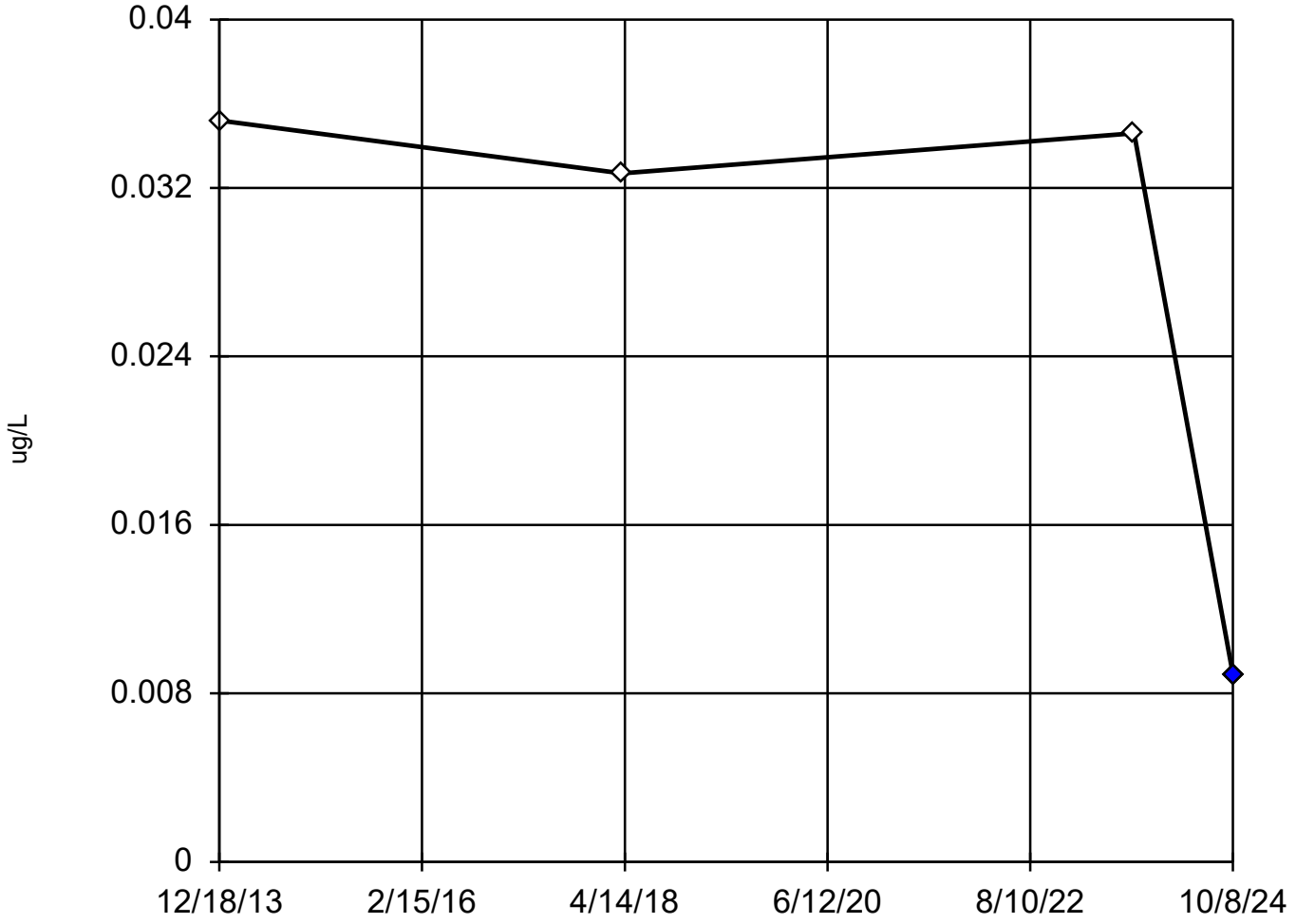
Constituent: Ethylbenzene Analysis Run 4/28/2026 5:07 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-30R



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.02785.
Std. Dev. = 0.01267.
<0.00891: c = 0.9049
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 5.333
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

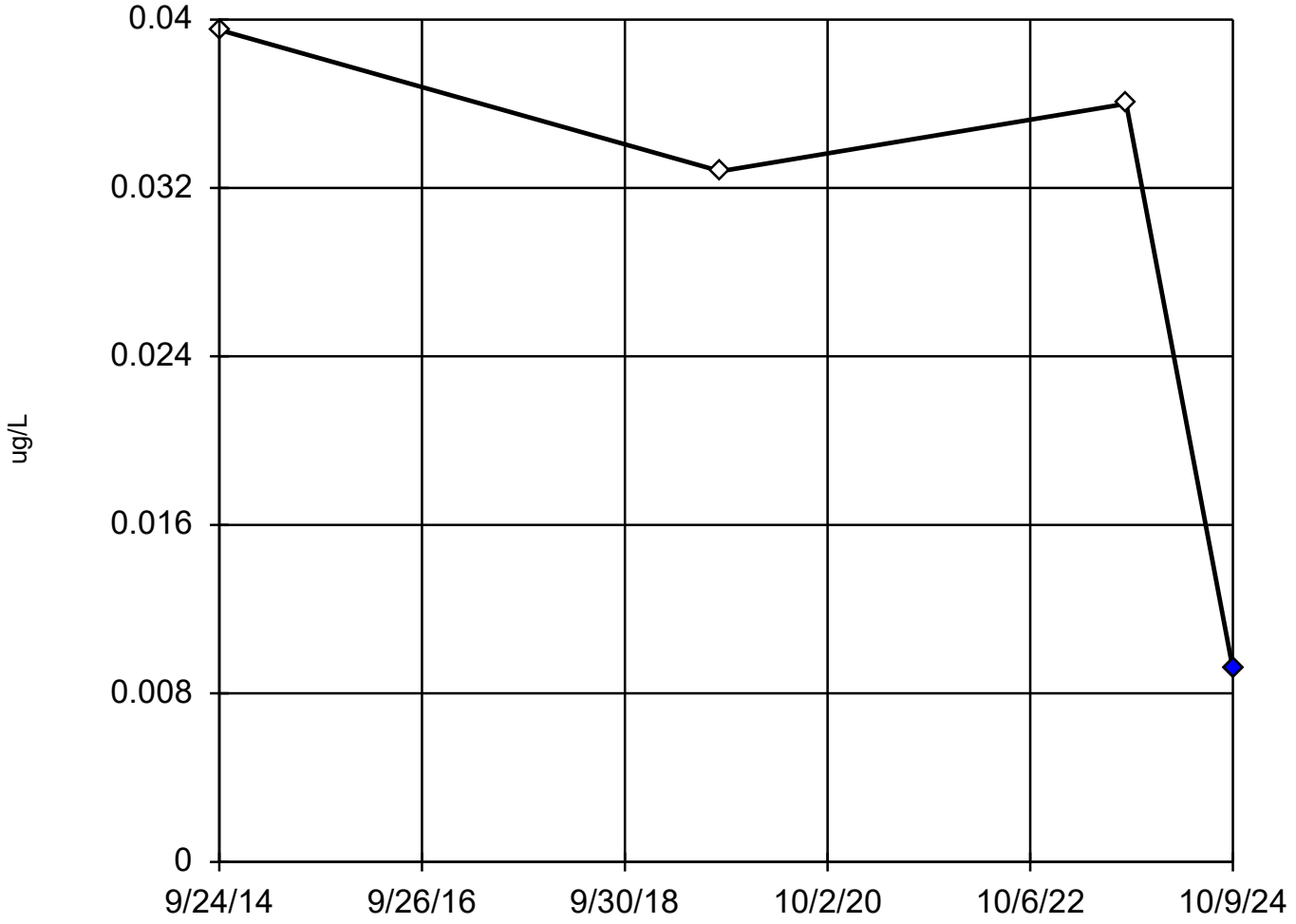
Constituent: Gamma-BHC [Lindane] Analysis Run 4/28/2026 5:07 PM View: 1_Descriptive Statistics - Outl

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-33R



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.02937.
Std. Dev. = 0.01375.
<0.00916: c = 0.7792
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 2
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

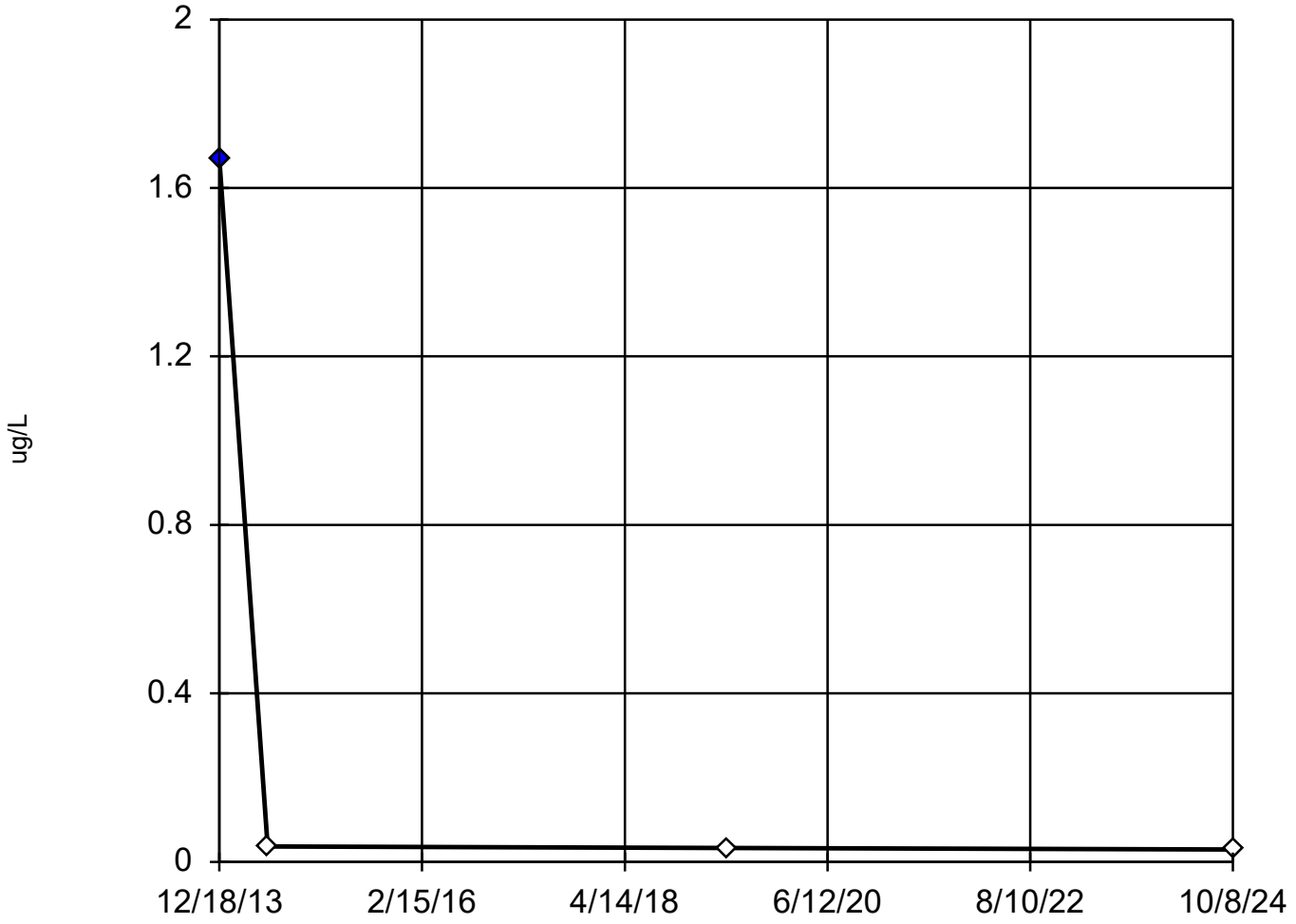
Constituent: Gamma-BHC [Lindane] Analysis Run 4/28/2026 5:07 PM View: 1_Descriptive Statistics - Outl

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-18



n = 4

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 0.4422.
Std. Dev. = 0.8185.
<1.67 (o): c = 0.9956
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 2
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

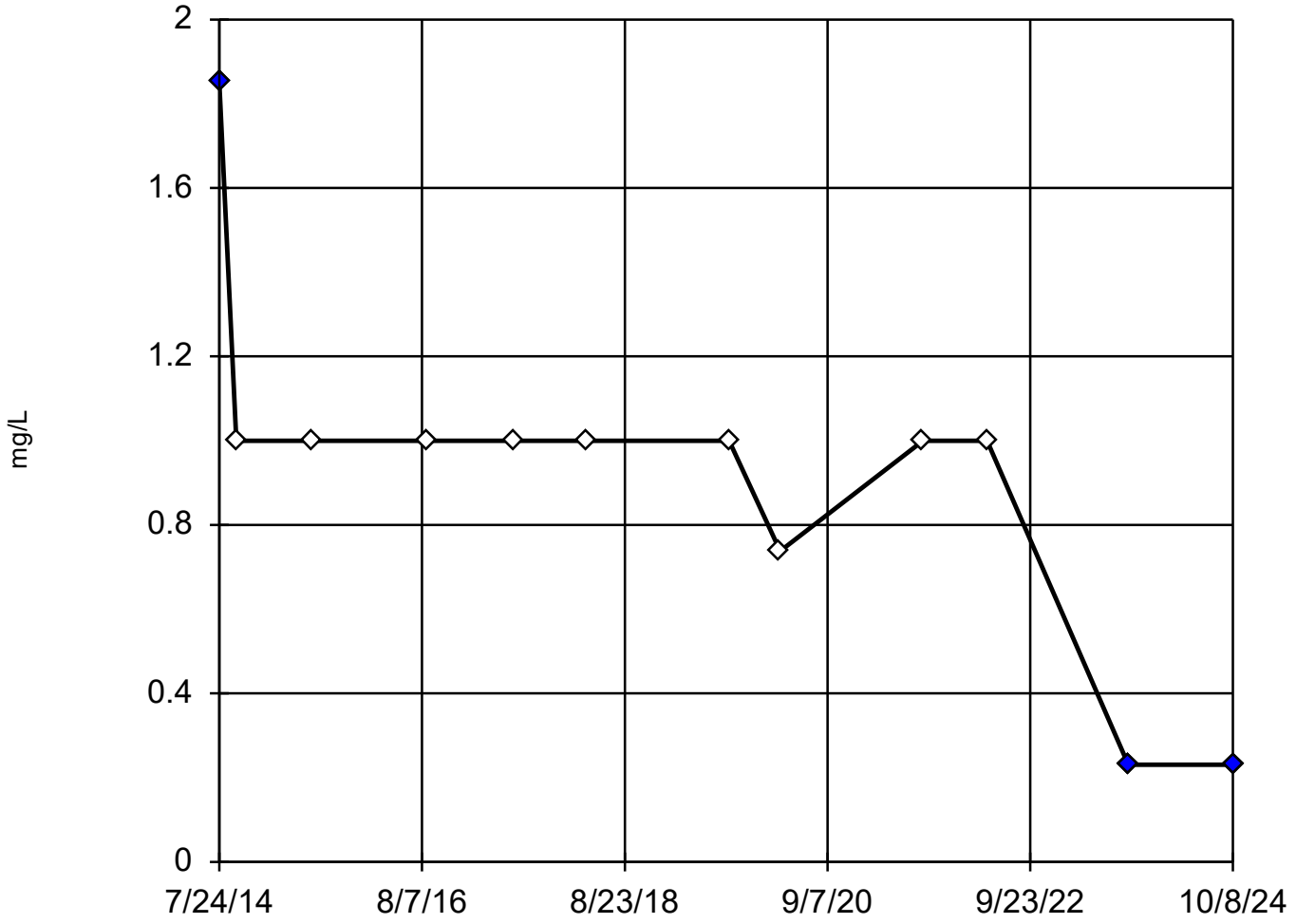
Constituent: Heptachlor Epoxide Analysis Run 4/28/2026 5:08 PM View: 1_Descriptive Statistics - Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

MW-29



n = 12

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Chi Squared normality test failed at the 0.05 alpha level.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 1.393, low cutoff = 0.476, based on IQR multiplier of 3.

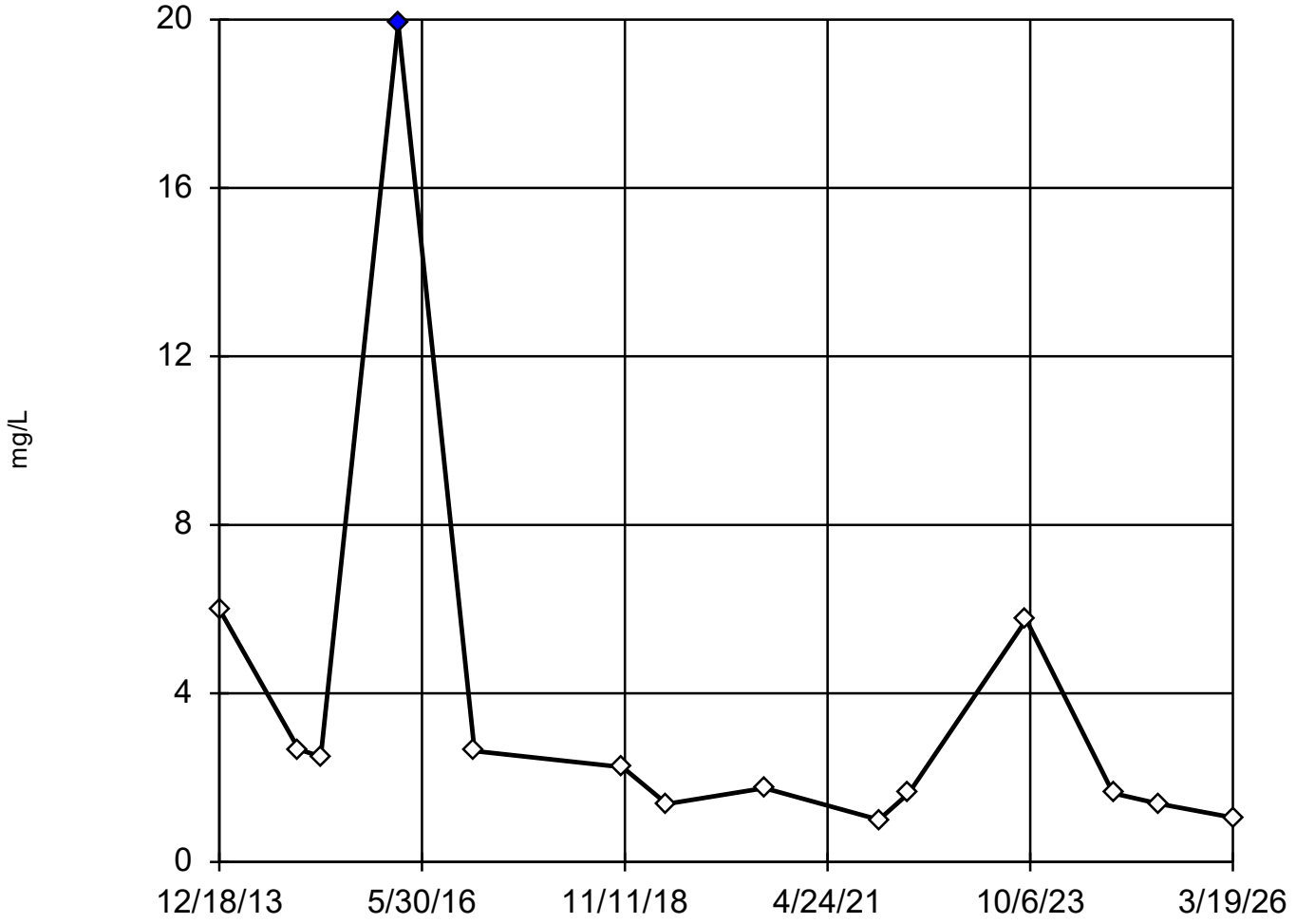
Constituent: Sulfide Analysis Run 4/28/2026 5:09 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-19



n = 14

Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 3.68.
Std. Dev. = 4.923.
19.9: c = 0.764
tabl = 0.546.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 5.846
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

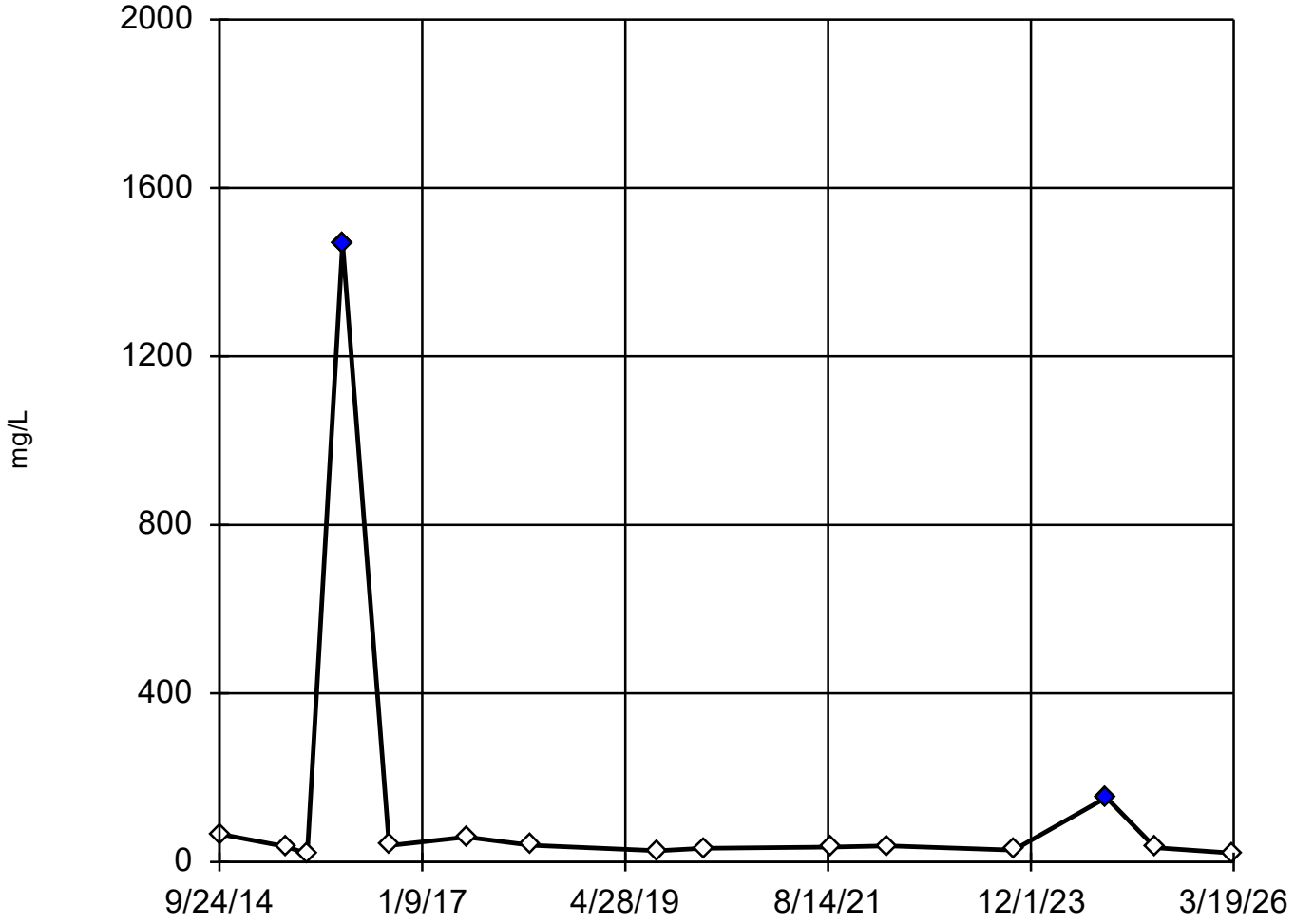
Constituent: Total Suspended Solids Analysis Run 4/28/2026 5:11 PM View: 1_Descriptive Statistics - Out

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-31R



n = 15

Statistical outliers are drawn as solid.
2 values manually flagged as outliers.
Testing for 2 high outliers.
Mean = 139.8.
Std. Dev. = 369.4.
153 (o): c = 0.5482
tabl = 0.525.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 1.231
Critical = 5.991 (after natural log transformation)
The distribution, after removal of suspect values, was found to be log-normal.

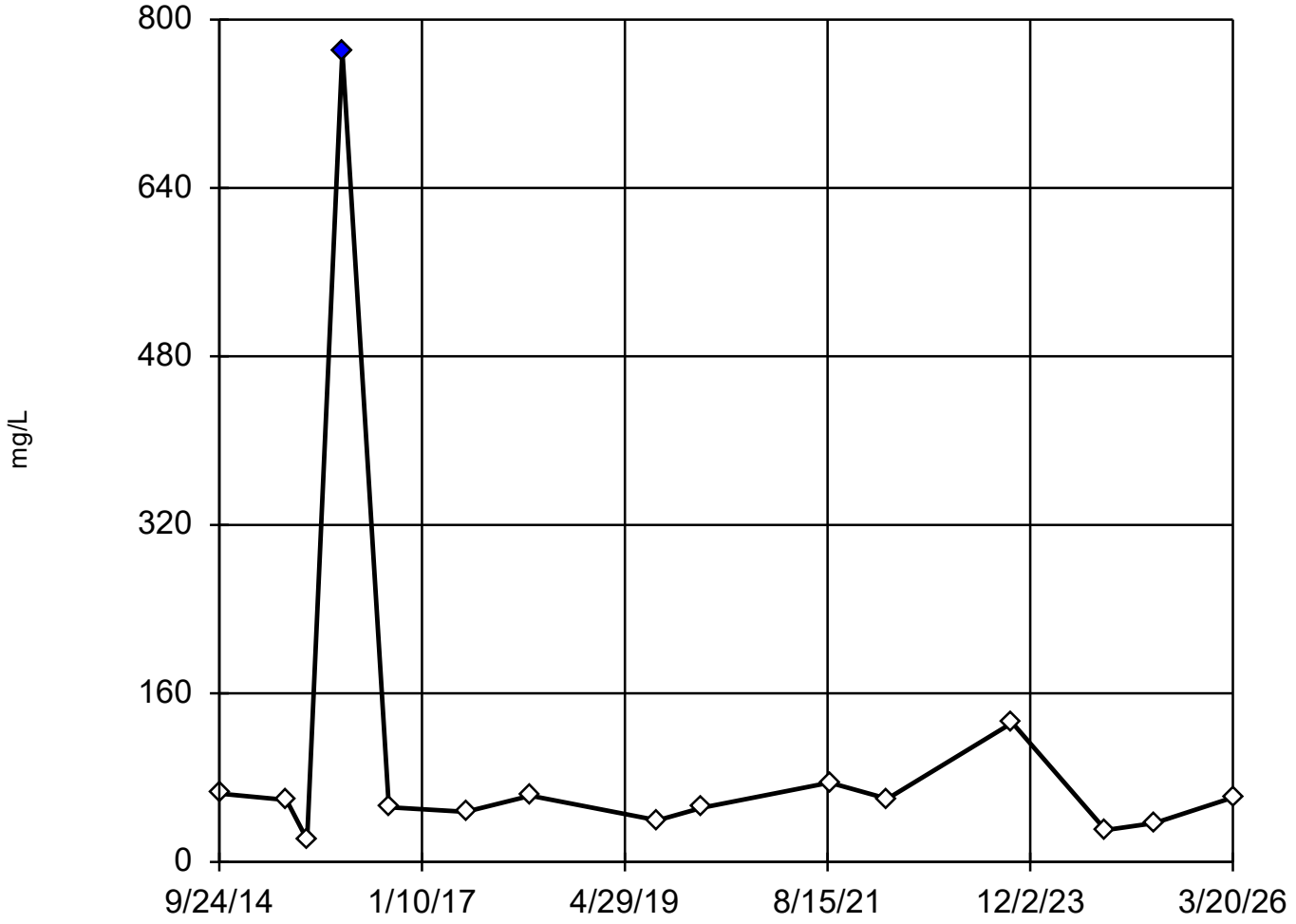
Constituent: Total Suspended Solids Analysis Run 4/28/2026 5:11 PM View: 1_Descriptive Statistics - Out

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-32R



n = 15

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 104.3.
Std. Dev. = 185.9.
770 (o): c = 0.9476
tabl = 0.525.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 5.286
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

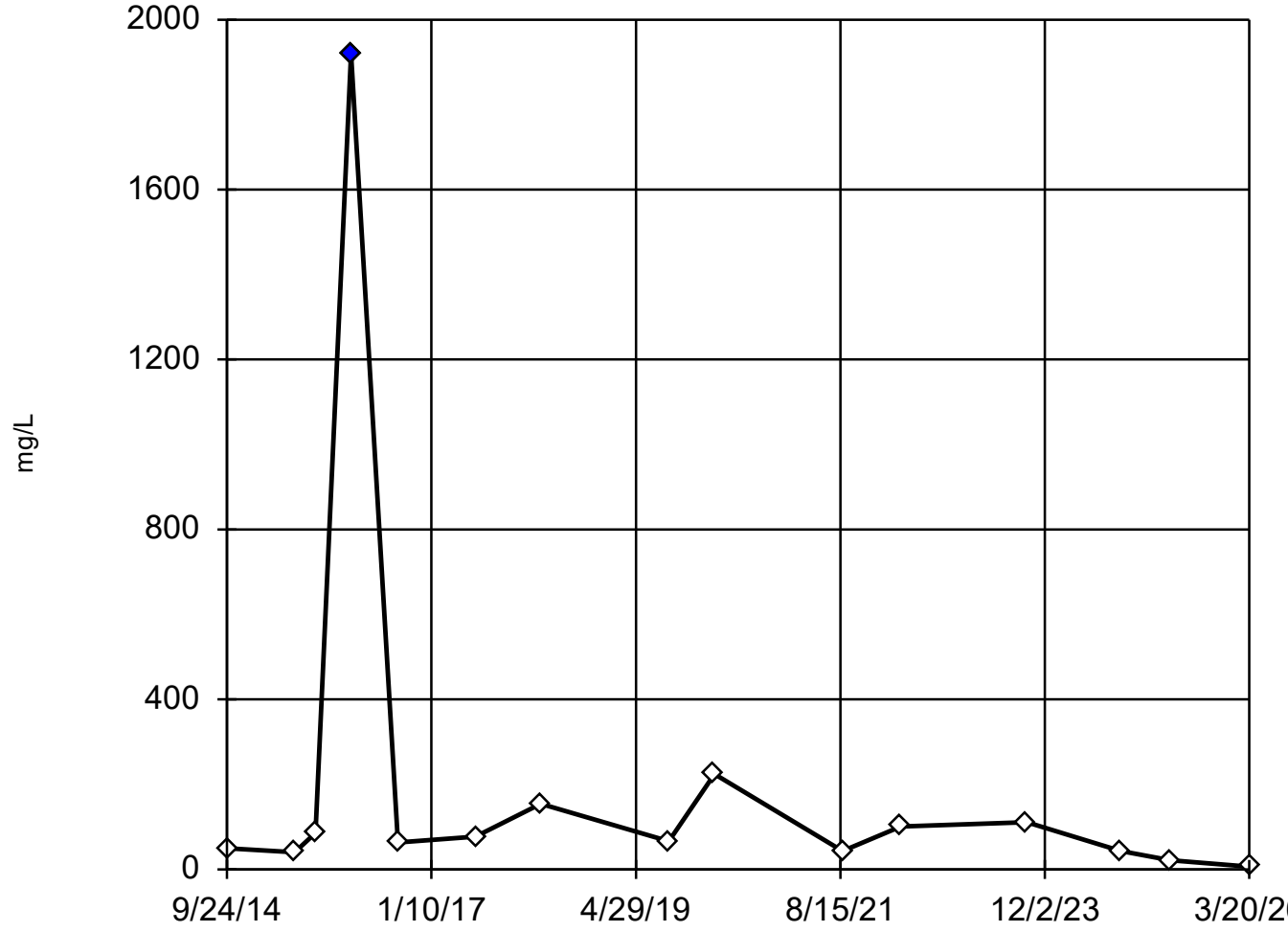
Constituent: Total Suspended Solids Analysis Run 4/28/2026 5:11 PM View: 1_Descriptive Statistics - Out

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-33R



n = 15

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high and 1 low outliers.
Mean = 200.5.
Std. Dev. = 478.8.
1920 (o): c = 0.9396
tabl = 0.525.
6.63: c = 0.2298
tabl = 0.525.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 5.846
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

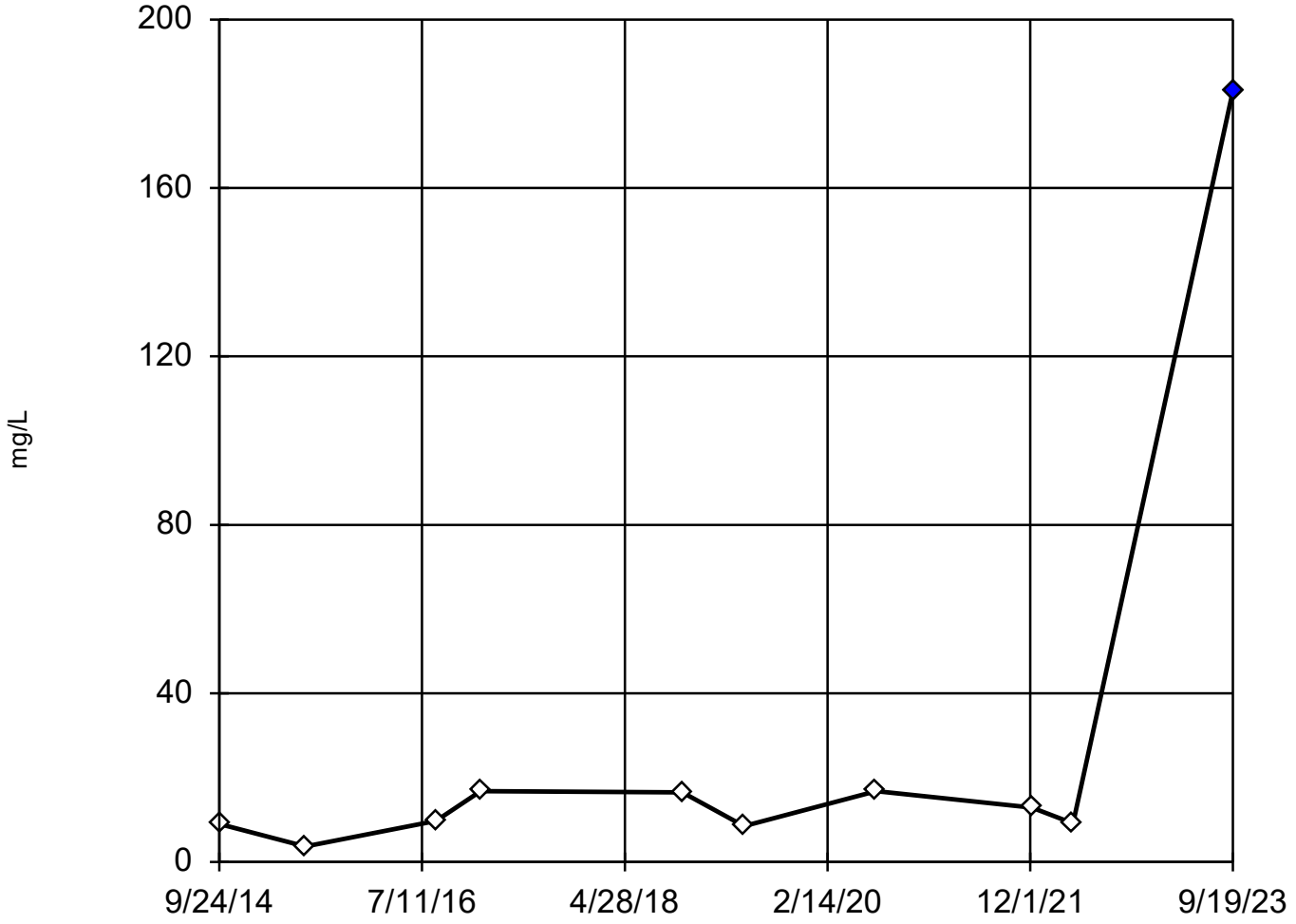
Constituent: Total Suspended Solids Analysis Run 4/28/2026 5:11 PM View: 1_Descriptive Statistics - Out

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-50



n = 10

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high and 1 low outliers.
Mean = 28.6.
Std. Dev. = 54.42.
183 (o): c = 0.9524
tabl = 0.477.
3.63: c = 0.3698
tabl = 0.477.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 4.5
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

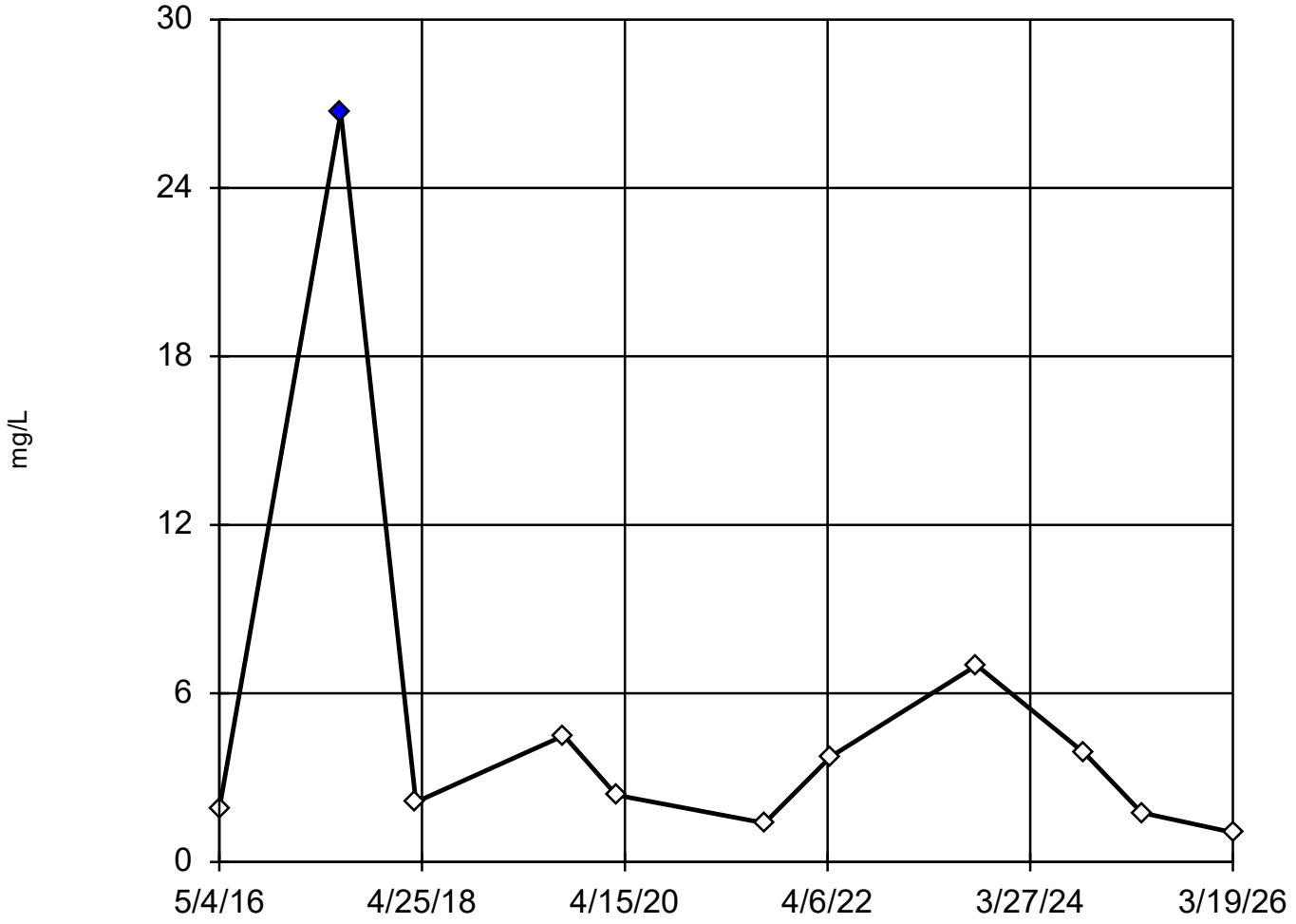
Constituent: Total Suspended Solids Analysis Run 4/28/2026 5:11 PM View: 1_Descriptive Statistics - Out

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-60



n = 11

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 5.126.
Std. Dev. = 7.361.
26.7 (o): c = 0.8768
tabl = 0.576.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 5
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

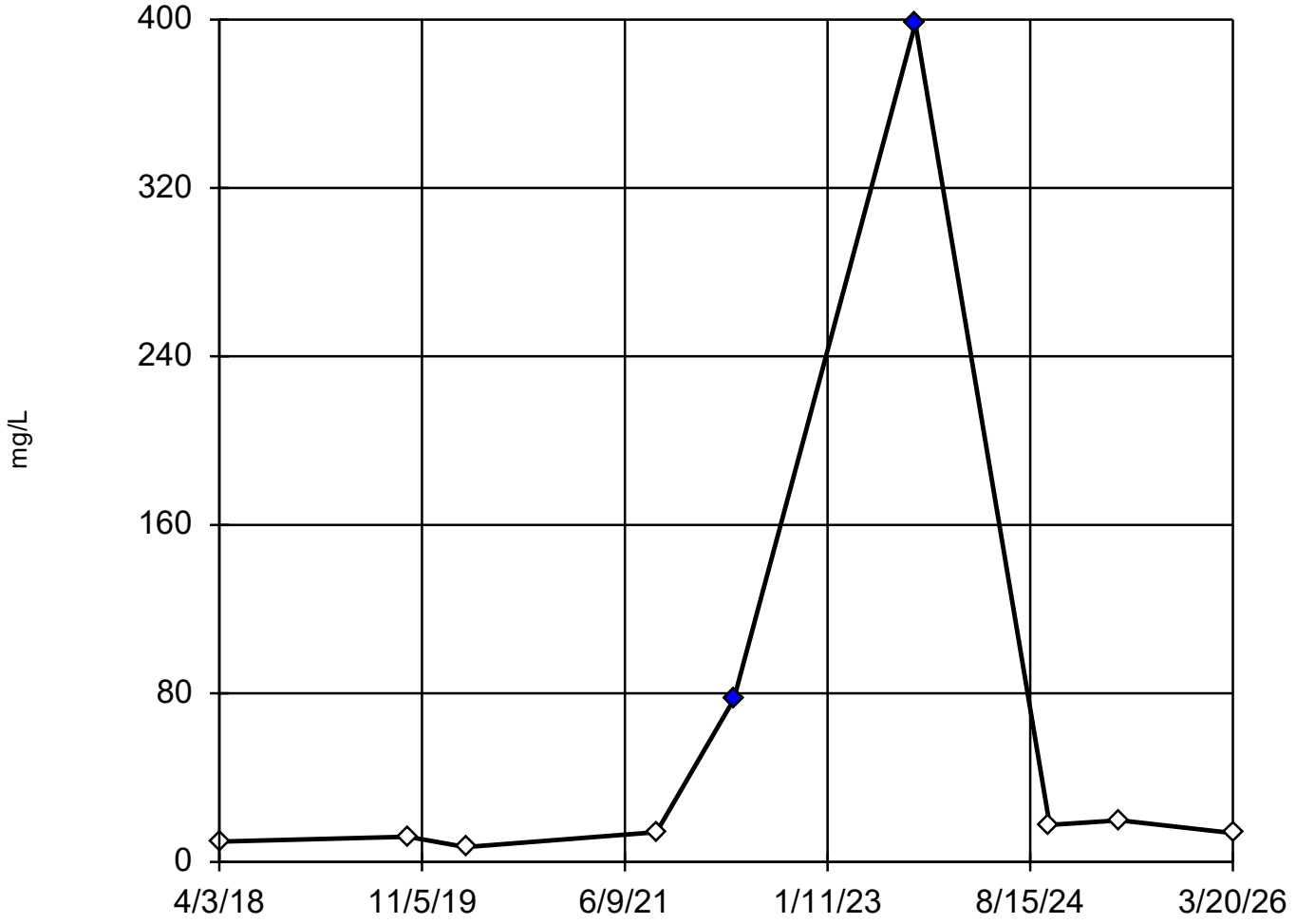
Constituent: Total Suspended Solids Analysis Run 4/28/2026 5:11 PM View: 1_Descriptive Statistics - Out

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

SW-101



n = 9

Statistical outliers are drawn as solid.
2 values manually flagged as outliers.
Testing for 2 high outliers.
Mean = 63.2.
Std. Dev. = 127.4.
77 (o): c = 0.8489
tabl = 0.512.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 2.286
Critical = 5.991
The distribution, after removal of suspect values, was found to be normally distributed.

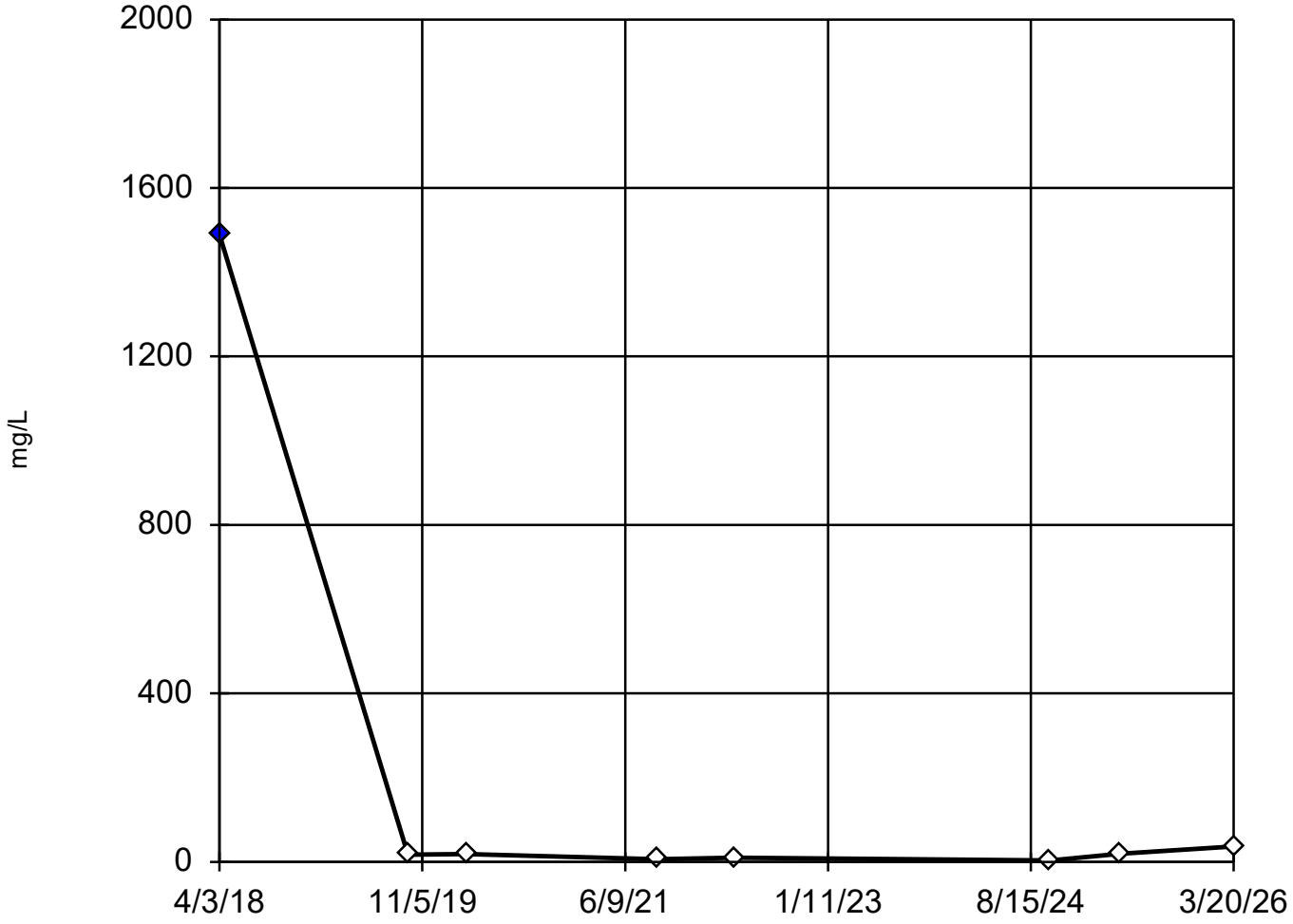
Constituent: Total Suspended Solids Analysis Run 4/28/2026 5:12 PM View: 1_Descriptive Statistics - Out

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

SW-102



n = 8

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 200.4.
Std. Dev. = 521.2.
1490 (o): c = 0.9797
tabl = 0.554.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 0.8571
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

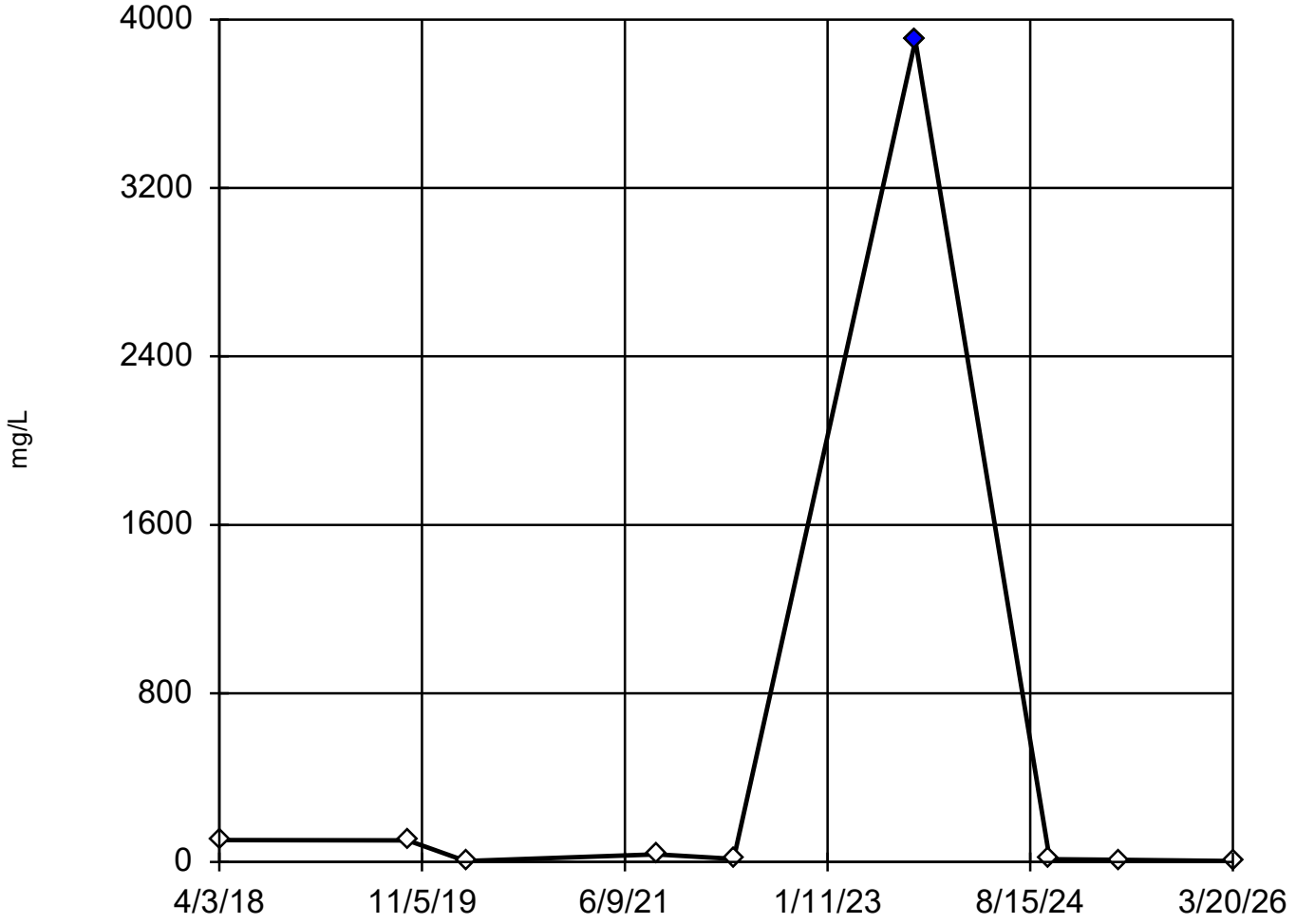
Constituent: Total Suspended Solids Analysis Run 4/28/2026 5:12 PM View: 1_Descriptive Statistics - Out

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

SW-103



n = 9

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 465.
Std. Dev. = 1289.
3900 (o): c = 0.5266
tabl = 0.512.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 0.75
Critical = 5.991 (after natural log transformation)
The distribution, after removal of suspect value, was found to be log-normal.

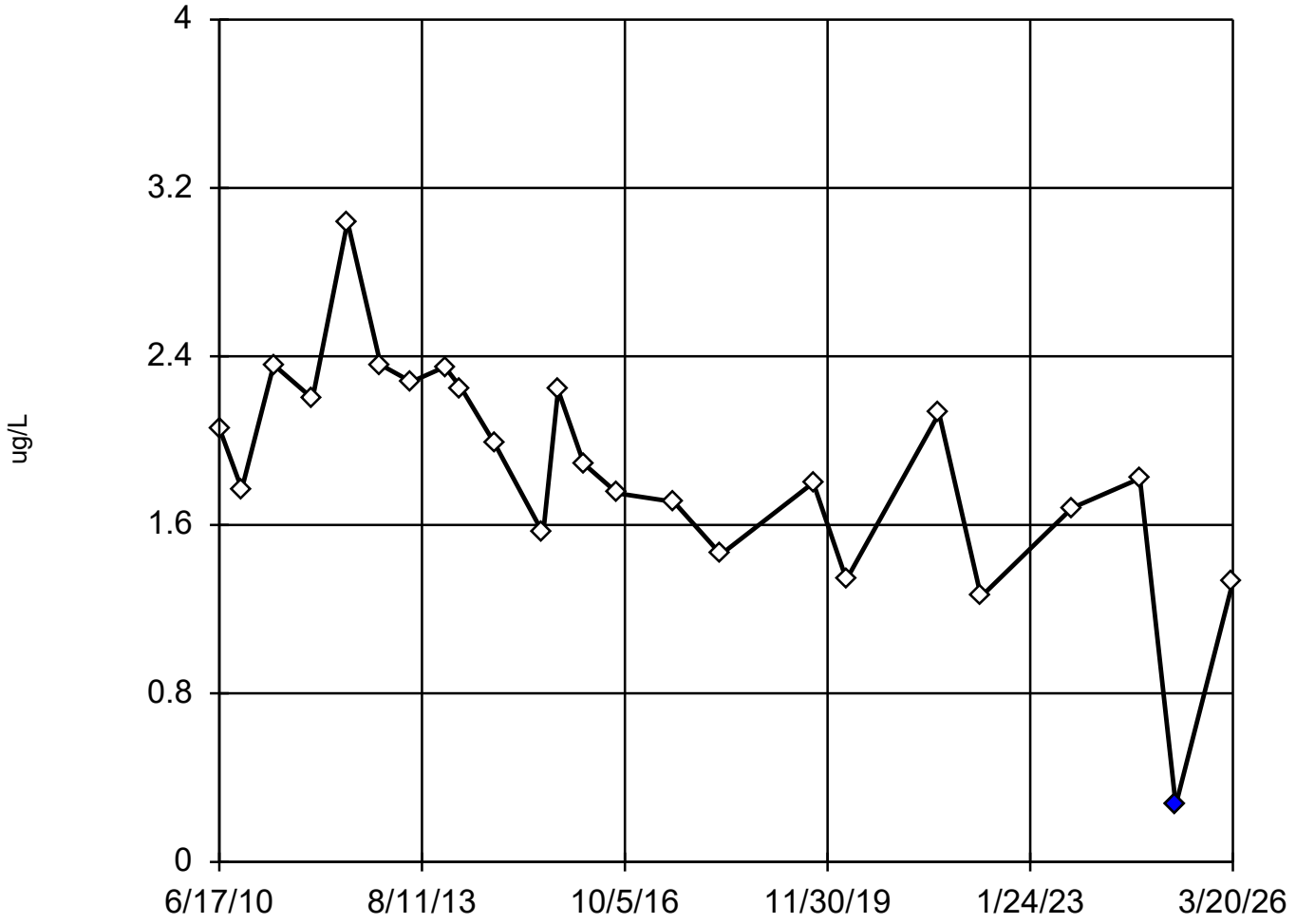
Constituent: Total Suspended Solids Analysis Run 4/28/2026 5:12 PM View: 1_Descriptive Statistics - Out

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Rosner's Outlier Test

MW-30R



n = 24

Statistical outlier is drawn as solid.

k = 1
r = 2.984
Tabulated value = 2.824
Alpha = 0.01

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 2.435
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

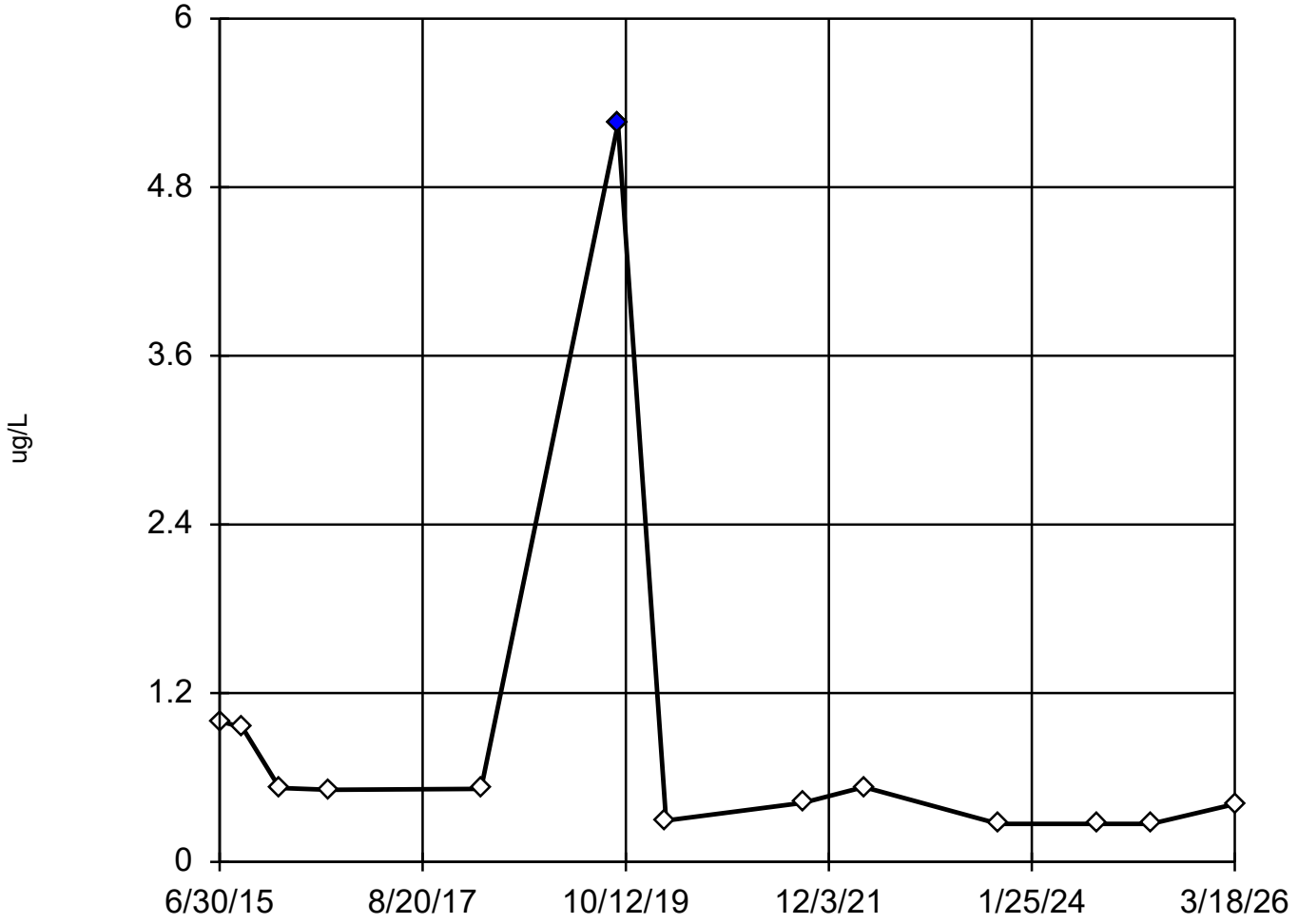
Constituent: trans-1,2-Dichloroethene Analysis Run 4/28/2026 5:12 PM View: 1_Descriptive Statistics - Ou

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-68



n = 13

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 0.8642.
Std. Dev. = 1.339.
5.25 (Jo): c = 0.8616
tabl = 0.521.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 3.833
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

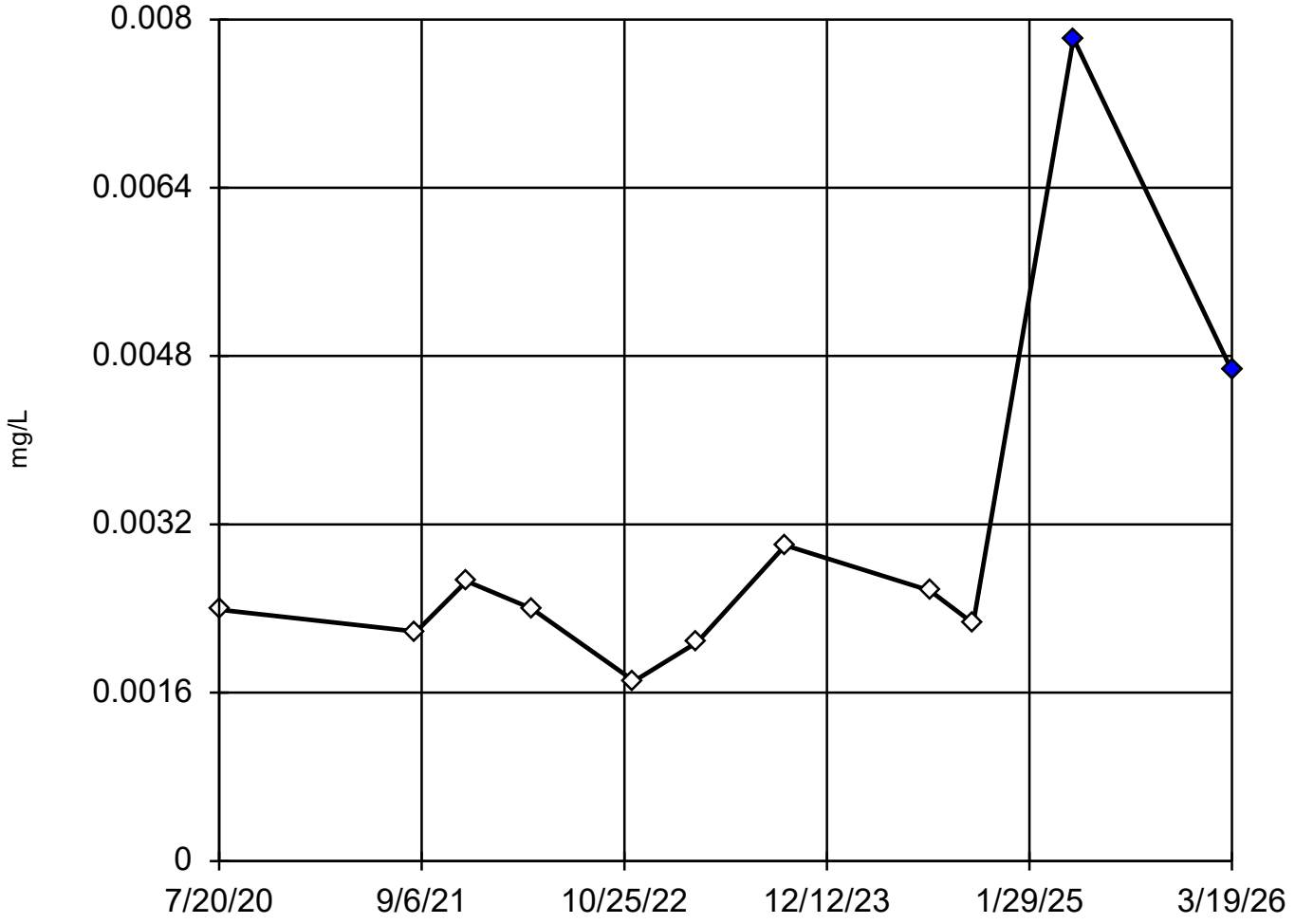
Constituent: trans-1,2-Dichloroethene Analysis Run 4/28/2026 5:12 PM View: 1_Descriptive Statistics - Ou

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-57R



n = 11

Statistical outliers are drawn as solid.
Testing for 2 high outliers.
Mean = 0.003066.
Std. Dev. = 0.001752.
0.00466 (J): c = 0.7752
tabl = 0.576.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 1.556
Critical = 5.991
The distribution, after removal of suspect values, was found to be normally distributed.

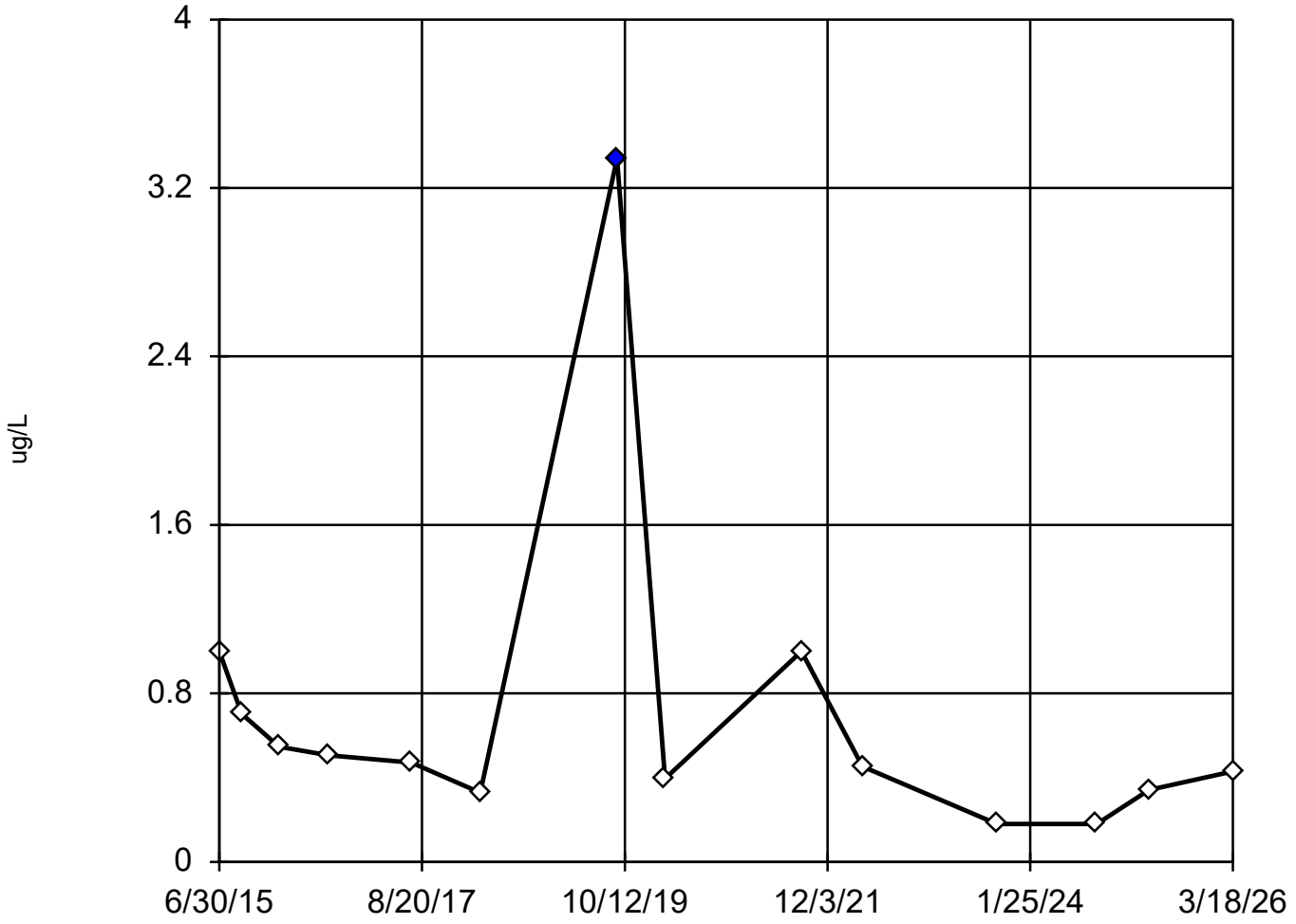
Constituent: Vanadium Analysis Run 4/28/2026 5:13 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-68



n = 14

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 0.7053.
Std. Dev. = 0.7989.
3.34 (Jo): c = 0.7769
tabl = 0.546.
Alpha = 0.05.

Normality test used:
Chi Squared@alpha = 0.05
Calculated = 2.769
Critical = 5.991
The distribution, after removal of suspect value, was found to be normally distributed.

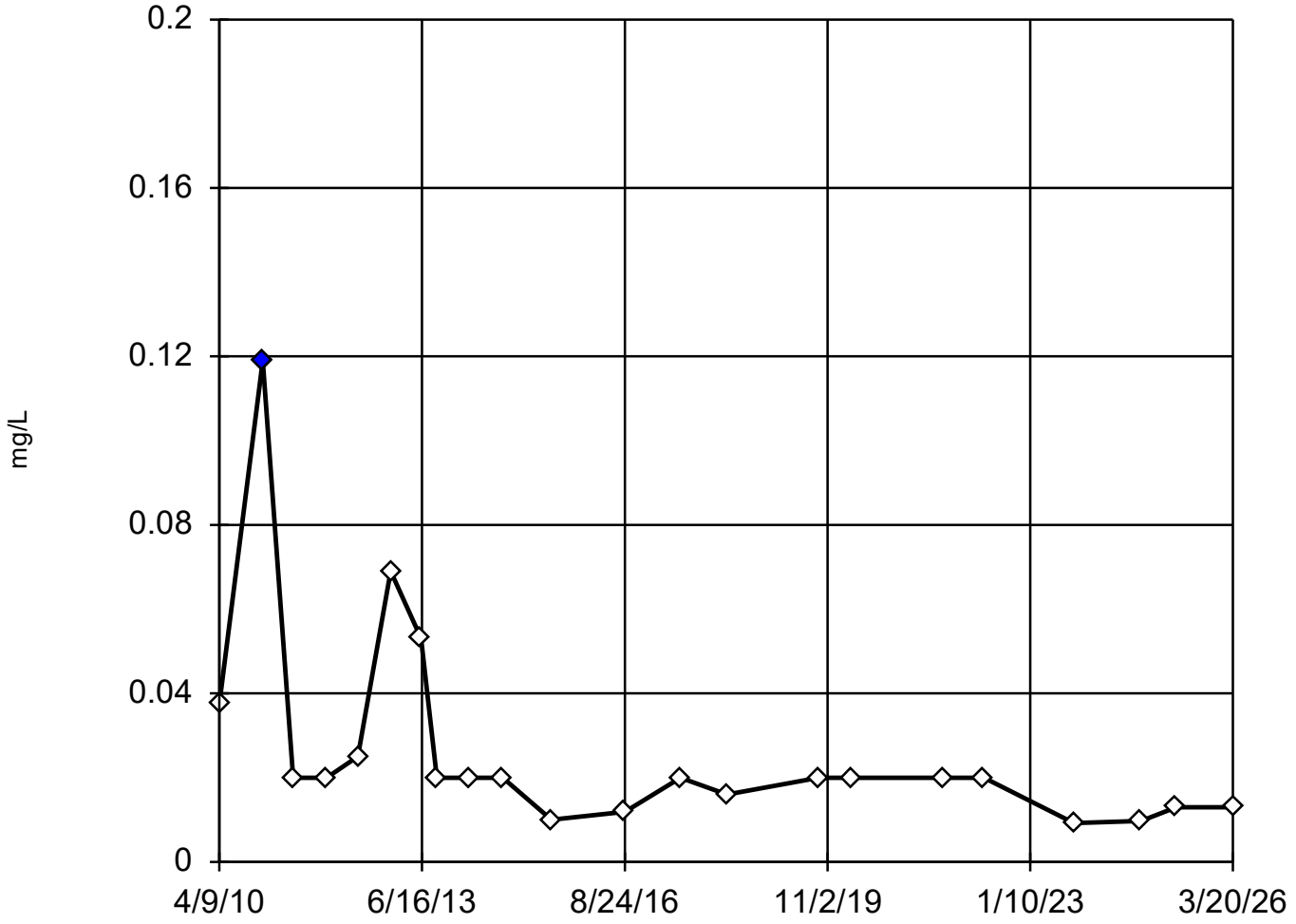
Constituent: Vinyl Chloride Analysis Run 4/28/2026 5:13 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

MW-33R



n = 22

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Chi Squared normality test failed at the 0.05 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1138, low cutoff = 0.002555, based on IQR multiplier of 3.

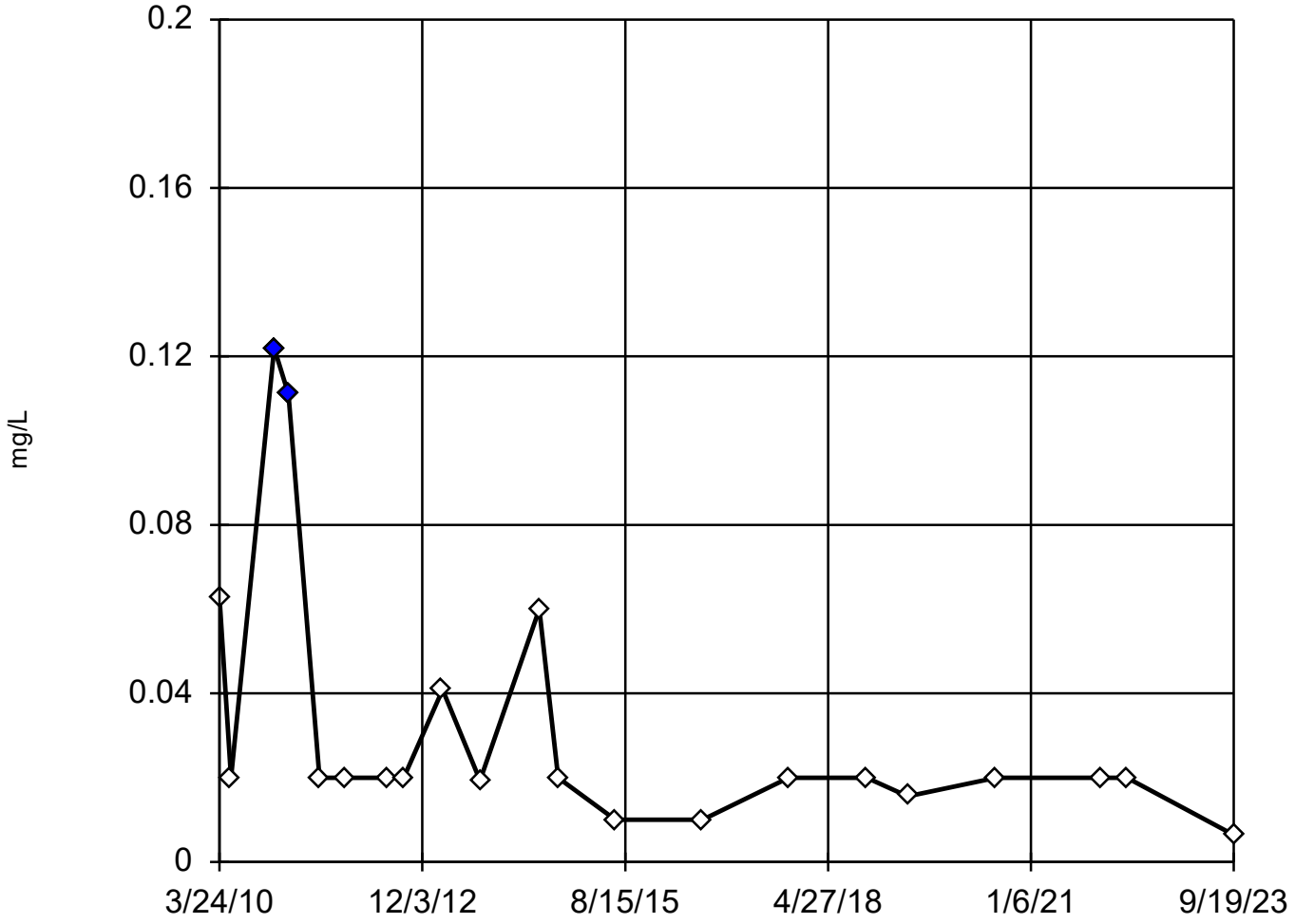
Constituent: Zinc Analysis Run 4/28/2026 5:14 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

MW-52



n = 21

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Chi Squared normality test failed at the 0.05 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.08823, low cutoff = 0.006369, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/28/2026 5:14 PM View: 1_Descriptive Statistics - Outliers_v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/28/2026, 5:20 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
1,1-Dichloroethane (ug/L)	GU-3A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.8453	0.31	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-14R	No	n/a	n/a	NP (nrm)	NaN	22	2.07	2.126	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	17	0.8271	0.3237	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8664	0.2921	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-23 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.6325	0.3973	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	0.706	0.3831	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8664	0.2921	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-29	No	n/a	n/a	EPA 1989	0.05	21	3.907	1.076	normal	ChiSquared
1,1-Dichloroethane (ug/L)	MW-30R	No	n/a	n/a	Dixon`s	0.05	22	4.935	1.307	normal	ChiSquared
1,1-Dichloroethane (ug/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	17	0.8729	0.2853	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-32R	n/a	n/a	n/a	NP (nrm)	NaN	17	0.8729	0.2853	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-33R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8664	0.2921	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-39	n/a	n/a	n/a	NP (nrm)	NaN	19	0.8453	0.31	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	0.9589	0.1789	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-51	No	n/a	n/a	Dixon`s	0.05	20	0.9041	0.2849	normal	ChiSquared
1,1-Dichloroethane (ug/L)	MW-52	n/a	n/a	n/a	NP (nrm)	NaN	20	0.961	0.1744	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-53	No	n/a	n/a	NP (nrm)	NaN	20	0.7744	0.3656	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	20	0.961	0.1744	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8664	0.2921	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-56	No	n/a	n/a	NP (nrm)	NaN	21	0.8249	0.3229	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-58	No	n/a	n/a	NP (nrm)	NaN	21	0.8176	0.3075	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-68	No	n/a	n/a	EPA 1989	0.05	6	0.801	0.393	normal	ChiSquared
1,1-Dichloroethane (ug/L)	**MW-69**	**Yes**	**1.82**	**8/25/2021**	**Dixon`s**	**0.05**	**6**	**1.345**	**0.2447**	**normal**	**ChiSquared**
1,1-Dichloroethane (ug/L)	MW-70	No	n/a	n/a	EPA 1989	0.05	6	0.51	0.3859	ln(x)	ChiSquared
1,1-Dichloroethane (ug/L)	PZ-13	No	n/a	n/a	EPA 1989	0.05	6	0.5193	0.3781	ln(x)	ChiSquared
1,1-Dichloroethane (ug/L)	MW-57R	No	n/a	n/a	EPA 1989	0.05	11	0.5619	0.3443	normal	ChiSquared
1,1-Dichloroethane (ug/L)	MW-73	n/a	n/a	n/a	NP (nrm)	NaN	11	0.52	0.3842	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	GU-3A	n/a	n/a	n/a	NP (nrm)	NaN	19	1.692	0.614	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-14R	n/a	n/a	n/a	NP (nrm)	NaN	23	1.745	0.5681	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	17	1.655	0.6409	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	1.734	0.5786	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-23 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	1.268	0.7838	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	1.414	0.7571	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	1.734	0.5786	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-29	n/a	n/a	n/a	NP (nrm)	NaN	23	1.745	0.5681	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-30R	n/a	n/a	n/a	NP (nrm)	NaN	24	1.46	0.785	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	19	1.767	0.5523	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-32R	n/a	n/a	n/a	NP (nrm)	NaN	19	1.767	0.5523	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-33R	n/a	n/a	n/a	NP (nrm)	NaN	24	1.756	0.558	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-39	n/a	n/a	n/a	NP (nrm)	NaN	19	1.692	0.614	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	1.924	0.3304	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-51	n/a	n/a	n/a	NP (nrm)	NaN	20	1.928	0.322	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-52	n/a	n/a	n/a	NP (nrm)	NaN	22	1.935	0.307	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-53	n/a	n/a	n/a	NP (nrm)	NaN	21	1.931	0.3142	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	22	1.935	0.307	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	22	1.734	0.5786	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-56	n/a	n/a	n/a	NP (nrm)	NaN	21	1.721	0.5898	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-58	n/a	n/a	n/a	NP (nrm)	NaN	22	1.734	0.5786	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-68	n/a	n/a	n/a	NP (nrm)	NaN	14	2.867	4.977	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-69	n/a	n/a	n/a	NP (nrm)	NaN	14	1.581	0.6872	unknown	ShapiroWilk

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/28/2026, 5:20 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
1,1-Dichloroethene (ug/L)	MW-70	n/a	n/a	n/a	NP (nrm)	NaN	11	1.467	0.7396	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	PZ-13	n/a	n/a	n/a	NP (nrm)	NaN	14	1.581	0.6872	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-57R	n/a	n/a	n/a	NP (nrm)	NaN	11	1.075	0.7343	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-73	n/a	n/a	n/a	NP (nrm)	NaN	11	1.075	0.7343	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	GU-3A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.9505	0.3401	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-14R	n/a	n/a	n/a	NP (nrm)	NaN	23	0.9157	0.2094	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	17	0.8859	0.2381	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	0.9118	0.2135	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-23 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.7575	0.3066	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	0.806	0.2891	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	0.9118	0.2135	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-29	No	n/a	n/a	NP (nrm)	NaN	23	0.7057	0.2859	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-30R	n/a	n/a	n/a	NP (nrm)	NaN	24	0.9192	0.2055	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	19	0.93	0.1919	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-32R	n/a	n/a	n/a	NP (nrm)	NaN	19	0.93	0.1919	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-33R	n/a	n/a	n/a	NP (nrm)	NaN	24	0.9192	0.2055	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-39	n/a	n/a	n/a	NP (nrm)	NaN	19	0.8979	0.2273	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	1.021	0.2753	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-51	n/a	n/a	n/a	NP (nrm)	NaN	20	1.019	0.268	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-52	n/a	n/a	n/a	NP (nrm)	NaN	22	1.018	0.255	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-53	n/a	n/a	n/a	NP (nrm)	NaN	21	1.019	0.2612	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	22	1.018	0.255	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	22	0.9605	0.3265	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-56	n/a	n/a	n/a	NP (nrm)	NaN	21	0.9076	0.2179	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-58	n/a	n/a	n/a	NP (nrm)	NaN	22	0.9573	0.3153	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	**MW-68**	**Yes**	**10**	**9/13/2019**	**NP (nrm)**	**NaN**	**14**	**1.504**	**2.458**	**unknown**	**ShapiroWilk**
1,2-Dichloroethane (ug/L)	MW-69	n/a	n/a	n/a	NP (nrm)	NaN	14	0.8066	0.3031	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-70	n/a	n/a	n/a	NP (nrm)	NaN	11	0.8236	0.2804	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	PZ-13	No	n/a	n/a	NP (nrm)	NaN	14	0.8614	0.2571	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-57R	n/a	n/a	n/a	NP (nrm)	NaN	11	0.6573	0.3086	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-73	n/a	n/a	n/a	NP (nrm)	NaN	11	0.6573	0.3086	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	GU-3A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.8521	0.2951	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-14R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8995	0.2516	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	17	0.8347	0.3081	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8723	0.2781	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-23 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.6488	0.3772	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	0.719	0.3642	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8723	0.2781	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-29	No	n/a	n/a	EPA 1989	0.05	21	1.205	0.394	normal	ChiSquared
1,2-Dichloropropane (ug/L)	MW-30R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8119	0.3156	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	17	0.8776	0.2734	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-32R	n/a	n/a	n/a	NP (nrm)	NaN	17	0.8776	0.2734	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-33R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8723	0.2781	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-39	n/a	n/a	n/a	NP (nrm)	NaN	19	0.8521	0.2951	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	0.9616	0.1675	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-51	No	n/a	n/a	NP (nrm)	NaN	20	0.8446	0.2508	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-52	n/a	n/a	n/a	NP (nrm)	NaN	20	0.9635	0.1632	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-53	n/a	n/a	n/a	NP (nrm)	NaN	19	0.9616	0.1675	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	20	0.9635	0.1632	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8723	0.2781	unknown	ShapiroWilk

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/28/2026, 5:20 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
1,2-Dichloropropane (ug/L)	MW-56	n/a	n/a	n/a	NP (nrm)	NaN	21	0.8662	0.2835	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-58	n/a	n/a	n/a	NP (nrm)	NaN	21	0.8662	0.2835	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-68	No	n/a	n/a	NP (nrm)	NaN	6	0.4177	0.2885	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-69	No	n/a	n/a	EPA 1989	0.05	6	0.4217	0.1132	normal	ChiSquared
1,2-Dichloropropane (ug/L)	MW-70	No	n/a	n/a	EPA 1989	0.05	6	0.5317	0.3653	ln(x)	ChiSquared
1,2-Dichloropropane (ug/L)	PZ-13	No	n/a	n/a	EPA 1989	0.05	6	0.5317	0.3653	ln(x)	ChiSquared
1,2-Dichloropropane (ug/L)	MW-57R	No	n/a	n/a	EPA 1989	0.05	11	0.5789	0.3412	ln(x)	ChiSquared
1,2-Dichloropropane (ug/L)	MW-73	n/a	n/a	n/a	NP (nrm)	NaN	11	0.5455	0.3618	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	GU-3A	n/a	n/a	n/a	NP (nrm)	NaN	19	1.036	0.8902	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-14R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.9173	0.3709	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	17	0.8341	0.3134	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	0.9173	0.3709	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-23 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.6475	0.3863	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	0.718	0.3717	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	1.054	0.7552	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	**MW-29**	**Yes**	**1**	**9/24/2014**	**Dixon`s**	**0.05**	**21**	**7.45**	**2.364**	**normal**	**ChiSquared**
1,4-Dichlorobenzene (ug/L)	MW-30R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8718	0.2826	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	17	0.8794	0.2737	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-32R	n/a	n/a	n/a	NP (nrm)	NaN	17	0.8794	0.2737	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-33R	n/a	n/a	n/a	NP (nrm)	NaN	22	1.054	0.7552	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-39	n/a	n/a	n/a	NP (nrm)	NaN	19	0.9042	0.3989	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	1.012	0.2972	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-51	n/a	n/a	n/a	NP (nrm)	NaN	20	1.012	0.2893	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-52	n/a	n/a	n/a	NP (nrm)	NaN	20	1.162	0.7281	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-53	No	n/a	n/a	EPA 1989	0.05	20	2.348	0.7993	normal	ChiSquared
1,4-Dichlorobenzene (ug/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	20	1.212	0.7504	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	22	0.9173	0.3709	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-56	n/a	n/a	n/a	NP (nrm)	NaN	21	0.9133	0.3795	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-58	n/a	n/a	n/a	NP (nrm)	NaN	21	0.9133	0.3795	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-68	No	n/a	n/a	EPA 1989	0.05	6	0.53	0.3777	normal	ChiSquared
1,4-Dichlorobenzene (ug/L)	MW-69	No	n/a	n/a	EPA 1989	0.05	6	0.53	0.3777	normal	ChiSquared
1,4-Dichlorobenzene (ug/L)	MW-70	No	n/a	n/a	EPA 1989	0.05	6	0.53	0.3777	normal	ChiSquared
1,4-Dichlorobenzene (ug/L)	PZ-13	No	n/a	n/a	EPA 1989	0.05	6	0.53	0.3777	normal	ChiSquared
1,4-Dichlorobenzene (ug/L)	MW-57R	n/a	n/a	n/a	NP (nrm)	NaN	11	0.5336	0.3775	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-73	n/a	n/a	n/a	NP (nrm)	NaN	11	0.5336	0.3775	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	GU-3A	n/a	n/a	n/a	NP (nrm)	NaN	19	18.82	45.97	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-14R	n/a	n/a	n/a	NP (nrm)	NaN	22	8.623	3	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	17	8.218	3.324	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	8.623	3	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-23 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	6.212	4.071	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	6.97	3.93	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	8.623	3	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-29	No	n/a	n/a	NP (nrm)	NaN	21	7.877	3.458	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-30R	n/a	n/a	n/a	NP (nrm)	NaN	22	8.623	3	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	17	8.682	2.946	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-32R	n/a	n/a	n/a	NP (nrm)	NaN	17	8.682	2.946	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-33R	n/a	n/a	n/a	NP (nrm)	NaN	22	8.623	3	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-39	n/a	n/a	n/a	NP (nrm)	NaN	19	7.922	3.598	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	9.584	1.812	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-51	n/a	n/a	n/a	NP (nrm)	NaN	20	9.605	1.766	unknown	ShapiroWilk

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/28/2026, 5:20 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
2-Butanone [MEK] (ug/L)	MW-52	n/a	n/a	n/a	NP (nrm)	NaN	20	9.605	1.766	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-53	n/a	n/a	n/a	NP (nrm)	NaN	19	9.167	2.496	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	20	9.201	2.459	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	22	8.623	3	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-56	No	n/a	n/a	NP (nrm)	NaN	21	8.348	3.105	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-58	n/a	n/a	n/a	NP (nrm)	NaN	21	8.557	3.058	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-68	No	n/a	n/a	EPA 1989	0.05	6	4.95	3.944	ln(x)	ChiSquared
2-Butanone [MEK] (ug/L)	MW-69	No	n/a	n/a	EPA 1989	0.05	6	4.95	3.944	ln(x)	ChiSquared
2-Butanone [MEK] (ug/L)	MW-70	No	n/a	n/a	EPA 1989	0.05	6	4.95	3.944	ln(x)	ChiSquared
2-Butanone [MEK] (ug/L)	PZ-13	No	n/a	n/a	EPA 1989	0.05	6	4.95	3.944	ln(x)	ChiSquared
2-Butanone [MEK] (ug/L)	MW-57R	n/a	n/a	n/a	NP (nrm)	NaN	11	5.091	3.911	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-73	n/a	n/a	n/a	NP (nrm)	NaN	11	5.091	3.911	unknown	ShapiroWilk
4,4`-DDD (ug/L)	**MW-18**	**Yes**	**1.67**	**12/18/2013**	**Dixon`s**	**0.05**	**4**	**0.4406**	**0.8196**	**normal**	**ChiSquared**
4,4`-DDD (ug/L)	**MW-29**	**Yes**	**0.00422**	**7/10/2017**	**Dixon`s**	**0.05**	**12**	**0.03101**	**0.01578**	**ln(x)**	**ChiSquared**
4,4`-DDD (ug/L)	MW-30R	No	n/a	n/a	EPA 1989	0.05	4	0.02905	0.005944	normal	ChiSquared
4,4`-DDD (ug/L)	MW-58	n/a	n/a	n/a	NP (nrm)	NaN	7	0.03083	0.01838	unknown	ShapiroWilk
4,4`-DDE (ug/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	5	0.3541	0.7358	unknown	ShapiroWilk
4,4`-DDE (ug/L)	MW-29	No	n/a	n/a	EPA 1989	0.05	7	0.02851	0.01842	normal	ChiSquared
4,4`-DDE (ug/L)	MW-30R	No	n/a	n/a	EPA 1989	0.05	4	0.03015	0.004514	normal	ChiSquared
Acetone (ug/L)	GU-3A	No	n/a	n/a	NP (nrm)	NaN	19	10.49	9.864	unknown	ShapiroWilk
Acetone (ug/L)	MW-14R	No	n/a	n/a	NP (nrm)	NaN	22	9.102	4.343	unknown	ShapiroWilk
Acetone (ug/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	17	8.418	2.944	unknown	ShapiroWilk
Acetone (ug/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	9.136	3.29	unknown	ShapiroWilk
Acetone (ug/L)	MW-23 (bg)	No	n/a	n/a	NP (nrm)	NaN	8	5.279	3.002	unknown	ShapiroWilk
Acetone (ug/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	7.31	3.479	unknown	ShapiroWilk
Acetone (ug/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	8.777	2.658	unknown	ShapiroWilk
Acetone (ug/L)	MW-29	No	n/a	n/a	NP (nrm)	NaN	21	6.978	3.315	unknown	ShapiroWilk
Acetone (ug/L)	MW-30R	No	n/a	n/a	NP (nrm)	NaN	22	8.151	3.106	unknown	ShapiroWilk
Acetone (ug/L)	MW-31R	No	n/a	n/a	NP (nrm)	NaN	17	8.751	4.145	unknown	ShapiroWilk
Acetone (ug/L)	MW-32R	No	n/a	n/a	NP (nrm)	NaN	17	8.442	2.899	unknown	ShapiroWilk
Acetone (ug/L)	MW-33R	No	n/a	n/a	NP (nrm)	NaN	22	8.325	4.156	unknown	ShapiroWilk
Acetone (ug/L)	MW-39	n/a	n/a	n/a	NP (nrm)	NaN	19	14.43	23.7	unknown	ShapiroWilk
Acetone (ug/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	8.884	2.653	unknown	ShapiroWilk
Acetone (ug/L)	MW-51	n/a	n/a	n/a	NP (nrm)	NaN	20	9.284	1.851	unknown	ShapiroWilk
Acetone (ug/L)	MW-52	n/a	n/a	n/a	NP (nrm)	NaN	20	8.588	2.904	unknown	ShapiroWilk
Acetone (ug/L)	MW-53	n/a	n/a	n/a	NP (nrm)	NaN	19	8.722	2.56	unknown	ShapiroWilk
Acetone (ug/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	20	13.85	21.58	unknown	ShapiroWilk
Acetone (ug/L)	**MW-55**	**Yes**	**98.7**	**6/24/2014**	**NP (nrm)**	**NaN**	**22**	**12.48**	**19.48**	**unknown**	**ShapiroWilk**
Acetone (ug/L)	MW-56	n/a	n/a	n/a	NP (nrm)	NaN	21	10.62	7.971	unknown	ShapiroWilk
Acetone (ug/L)	**MW-58**	**Yes**	**51.5**	**6/24/2014**	**NP (nrm)**	**NaN**	**21**	**10.54**	**9.831**	**unknown**	**ShapiroWilk**
Acetone (ug/L)	MW-68	n/a	n/a	n/a	NP (nrm)	NaN	6	5.517	3.483	unknown	ShapiroWilk
Acetone (ug/L)	MW-69	n/a	n/a	n/a	NP (nrm)	NaN	6	5.517	3.483	unknown	ShapiroWilk
Acetone (ug/L)	MW-70	n/a	n/a	n/a	NP (nrm)	NaN	6	5.517	3.483	unknown	ShapiroWilk
Acetone (ug/L)	PZ-13	n/a	n/a	n/a	NP (nrm)	NaN	6	5.517	3.483	unknown	ShapiroWilk
Acetone (ug/L)	MW-57R	n/a	n/a	n/a	NP (nrm)	NaN	11	5.095	3.158	unknown	ShapiroWilk
Acetone (ug/L)	MW-73	n/a	n/a	n/a	NP (nrm)	NaN	11	5.673	3.437	unknown	ShapiroWilk
Aldrin (ug/L)	**MW-18**	**Yes**	**1.67**	**12/18/2013**	**Dixon`s**	**0.05**	**8**	**0.2323**	**0.5811**	**normal**	**ChiSquared**
Aldrin (ug/L)	MW-29	No	n/a	n/a	NP (nrm)	NaN	10	0.02716	0.01276	unknown	ShapiroWilk
Aldrin (ug/L)	MW-30R	No	n/a	n/a	Dixon`s	0.05	4	0.02957	0.00689	normal	ChiSquared
Alpha-BHC (ug/L)	MW-18	No	n/a	n/a	EPA 1989	0.05	4	0.4291	0.8273	ln(x)	ChiSquared

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/28/2026, 5:20 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Alpha-BHC (ug/L)	MW-29	No	n/a	n/a	EPA 1989	0.05	12	0.02352	0.01614	normal	ChiSquared
Alpha-BHC (ug/L)	MW-30R	No	n/a	n/a	Dixon`s	0.05	4	0.02618	0.0119	normal	ChiSquared
Alpha-BHC (ug/L)	MW-58	No	n/a	n/a	EPA 1989	0.05	7	0.02065	0.0229	ln(x)	ChiSquared
Alpha-Chlordane (ug/L)	MW-29	No	n/a	n/a	NP (nrm)	NaN	7	0.04124	0.0261	unknown	ShapiroWilk
Ammonia as N (mg/L)	SW-101	n/a	n/a	n/a	NP (nrm)	NaN	9	0.3492	0.1491	unknown	ShapiroWilk
Ammonia as N (mg/L)	SW-102	n/a	n/a	n/a	NP (nrm)	NaN	8	0.352	0.1596	unknown	ShapiroWilk
Ammonia as N (mg/L)	SW-103	No	n/a	n/a	NP (nrm)	NaN	9	0.3806	0.1639	unknown	ShapiroWilk
Ammonia as N (mg/L)	SW-104	No	n/a	n/a	EPA 1989	0.05	6	0.345	0.1706	normal	ChiSquared
Ammonia as N (mg/L)	SW-105	No	n/a	n/a	EPA 1989	0.05	6	0.3628	0.1794	normal	ChiSquared
Ammonia as N (mg/L)	SW-106	n/a	n/a	n/a	NP (nrm)	NaN	9	0.3721	0.1541	unknown	ShapiroWilk
Ammonia as N (mg/L)	SW-107	No	n/a	n/a	NP (nrm)	NaN	9	0.3789	0.1494	unknown	ShapiroWilk
Antimony (mg/L)	GU-3A	No	n/a	n/a	EPA 1989	0.05	19	0.004076	0.004298	ln(x)	ChiSquared
Antimony (mg/L)	MW-14R	n/a	n/a	n/a	NP (nrm)	NaN	20	0.0036	0.002479	unknown	ShapiroWilk
Antimony (mg/L)	MW-18	n/a	n/a	n/a	NP (nrm)	NaN	17	0.002588	0.002293	unknown	ShapiroWilk
Antimony (mg/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	0.003364	0.002479	unknown	ShapiroWilk
Antimony (mg/L)	MW-23 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	17	0.003176	0.002455	unknown	ShapiroWilk
Antimony (mg/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	15	0.0028	0.002366	unknown	ShapiroWilk
Antimony (mg/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	0.003364	0.002479	unknown	ShapiroWilk
Antimony (mg/L)	MW-29	n/a	n/a	n/a	NP (nrm)	NaN	19	0.004105	0.003619	unknown	ShapiroWilk
Antimony (mg/L)	MW-30R	n/a	n/a	n/a	NP (nrm)	NaN	20	0.0042	0.003548	unknown	ShapiroWilk
Antimony (mg/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	20	0.0036	0.002479	unknown	ShapiroWilk
Antimony (mg/L)	MW-32R	n/a	n/a	n/a	NP (nrm)	NaN	20	0.00381	0.002844	unknown	ShapiroWilk
Antimony (mg/L)	MW-33R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.003909	0.003504	unknown	ShapiroWilk
Antimony (mg/L)	MW-39	n/a	n/a	n/a	NP (nrm)	NaN	19	0.003789	0.003119	unknown	ShapiroWilk
Antimony (mg/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	0.004153	0.003011	unknown	ShapiroWilk
Antimony (mg/L)	MW-51	n/a	n/a	n/a	NP (nrm)	NaN	20	0.004184	0.002927	unknown	ShapiroWilk
Antimony (mg/L)	MW-52	No	n/a	n/a	NP (nrm)	NaN	20	0.00428	0.002834	unknown	ShapiroWilk
Antimony (mg/L)	MW-53	n/a	n/a	n/a	NP (nrm)	NaN	19	0.004947	0.004275	unknown	ShapiroWilk
Antimony (mg/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	20	0.00412	0.002945	unknown	ShapiroWilk
Antimony (mg/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	22	0.003409	0.00305	unknown	ShapiroWilk
Antimony (mg/L)	MW-56	n/a	n/a	n/a	NP (nrm)	NaN	21	0.003619	0.003025	unknown	ShapiroWilk
Antimony (mg/L)	MW-58	n/a	n/a	n/a	NP (nrm)	NaN	19	0.003768	0.003141	unknown	ShapiroWilk
Antimony (mg/L)	MW-57R	n/a	n/a	n/a	NP (nrm)	NaN	11	0.001216	0.0005174	unknown	ShapiroWilk
Antimony (mg/L)	MW-73	n/a	n/a	n/a	NP (nrm)	NaN	11	0.003007	0.005722	unknown	ShapiroWilk
Arsenic (mg/L)	GU-3A	No	n/a	n/a	NP (nrm)	NaN	19	0.007722	0.01439	unknown	ShapiroWilk
Arsenic (mg/L)	MW-14R	No	n/a	n/a	EPA 1989	0.05	24	0.009748	0.01092	ln(x)	ChiSquared
Arsenic (mg/L)	MW-18	No	n/a	n/a	EPA 1989	0.05	17	0.001012	0.00053	normal	ChiSquared
Arsenic (mg/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	0.001415	0.0006212	unknown	ShapiroWilk
Arsenic (mg/L)	MW-23 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	19	0.001424	0.0005825	unknown	ShapiroWilk
Arsenic (mg/L)	MW-24R (bg)	No	n/a	n/a	NP (nrm)	NaN	17	0.001536	0.000661	unknown	ShapiroWilk
Arsenic (mg/L)	**MW-28**	**Yes**	**0.0266,...**	**8/25/2016...**	**Dixon`s**	**0.05**	**22**	**0.009716**	**0.007767**	**normal**	**ChiSquared**
Arsenic (mg/L)	MW-29	No	n/a	n/a	EPA 1989	0.05	23	0.01968	0.01893	ln(x)	ChiSquared
Arsenic (mg/L)	MW-30R	No	n/a	n/a	EPA 1989	0.05	24	0.02216	0.01058	normal	ChiSquared
Arsenic (mg/L)	MW-31R	No	n/a	n/a	NP (nrm)	NaN	24	0.004938	0.008729	unknown	ShapiroWilk
Arsenic (mg/L)	MW-32R	No	n/a	n/a	NP (nrm)	NaN	24	0.001988	0.003269	unknown	ShapiroWilk
Arsenic (mg/L)	MW-33R	No	n/a	n/a	NP (nrm)	NaN	24	0.01591	0.008883	unknown	ShapiroWilk
Arsenic (mg/L)	MW-39	No	n/a	n/a	NP (nrm)	NaN	21	0.001777	0.001246	unknown	ShapiroWilk
Arsenic (mg/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	0.001819	0.001587	unknown	ShapiroWilk
Arsenic (mg/L)	MW-51	n/a	n/a	n/a	NP (nrm)	NaN	20	0.001673	0.0008355	unknown	ShapiroWilk
Arsenic (mg/L)	MW-52	No	n/a	n/a	NP (nrm)	NaN	23	0.06081	0.01868	unknown	ShapiroWilk

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/28/2026, 5:20 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Arsenic (mg/L)	MW-53	n/a	n/a	n/a	NP (nrm)	NaN	21	0.001733	0.0008054	unknown	ShapiroWilk
Arsenic (mg/L)	MW-54	No	n/a	n/a	EPA 1989	0.05	23	0.03025	0.01516	normal	ChiSquared
Arsenic (mg/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	23	0.00173	0.001386	unknown	ShapiroWilk
Arsenic (mg/L)	MW-56	No	n/a	n/a	EPA 1989	0.05	21	0.01624	0.01576	normal	ChiSquared
Arsenic (mg/L)	MW-58	No	n/a	n/a	Dixon`s	0.05	22	0.02508	0.01198	normal	ChiSquared
Arsenic (mg/L)	MW-60	n/a	n/a	n/a	NP (nrm)	NaN	11	0.001465	0.0007417	unknown	ShapiroWilk
Arsenic (mg/L)	MW-62	No	n/a	n/a	EPA 1989	0.05	9	0.001206	0.0004625	normal	ChiSquared
Arsenic (mg/L)	PZ-13	No	n/a	n/a	EPA 1989	0.05	11	0.001419	0.0004471	normal	ChiSquared
Arsenic (mg/L)	SW-101	No	n/a	n/a	EPA 1989	0.05	9	0.004719	0.005896	ln(x)	ChiSquared
Arsenic (mg/L)	SW-102	No	n/a	n/a	EPA 1989	0.05	8	0.00256	0.001655	normal	ChiSquared
Arsenic (mg/L)	**SW-103**	**Yes**	**0.0131**	**9/21/2023**	**Dixon`s**	**0.05**	**9**	**0.003234**	**0.003844**	**normal**	**ChiSquared**
Arsenic (mg/L)	SW-106	No	n/a	n/a	EPA 1989	0.05	9	0.003426	0.003303	ln(x)	ChiSquared
Arsenic (mg/L)	SW-107	No	n/a	n/a	EPA 1989	0.05	9	0.002504	0.001915	ln(x)	ChiSquared
Arsenic (mg/L)	MW-57R	No	n/a	n/a	EPA 1989	0.05	11	0.004473	0.00196	normal	ChiSquared
Arsenic (mg/L)	**MW-73**	**Yes**	**0.0234**	**4/29/2025**	**Dixon`s**	**0.05**	**11**	**0.007474**	**0.005397**	**normal**	**ChiSquared**
Barium (mg/L)	GU-3A	No	n/a	n/a	EPA 1989	0.05	19	0.3318	0.5429	ln(x)	ChiSquared
Barium (mg/L)	**MW-14R**	**Yes**	**0.509,0.37**	**4/29/2025...**	**Rosner`s**	**0.01**	**23**	**0.1982**	**0.08918**	**ln(x)**	**ChiSquared**
Barium (mg/L)	MW-18	No	n/a	n/a	EPA 1989	0.05	17	0.1478	0.02975	ln(x)	ChiSquared
Barium (mg/L)	**MW-19**	**Yes**	**0.00064**	**9/19/2023**	**Dixon`s**	**0.05**	**22**	**0.04786**	**0.01463**	**ln(x)**	**ChiSquared**
Barium (mg/L)	MW-23 (bg)	No	n/a	n/a	EPA 1989	0.05	19	0.167	0.05315	normal	ChiSquared
Barium (mg/L)	**MW-24R (bg)**	**Yes**	**0.238**	**3/18/2026**	**Dixon`s**	**0.05**	**18**	**0.3508**	**0.04275**	**normal**	**ChiSquared**
Barium (mg/L)	**MW-28**	**Yes**	**0.113,0...**	**10/7/2024...**	**Dixon`s**	**0.05**	**22**	**0.09479**	**0.01819**	**normal**	**ChiSquared**
Barium (mg/L)	MW-29	No	n/a	n/a	EPA 1989	0.05	21	1.671	0.4833	normal	ChiSquared
Barium (mg/L)	MW-30R	No	n/a	n/a	EPA 1989	0.05	22	0.8858	0.2237	ln(x)	ChiSquared
Barium (mg/L)	MW-31R	No	n/a	n/a	NP (nrm)	NaN	22	0.6088	0.3028	unknown	ShapiroWilk
Barium (mg/L)	**MW-32R**	**Yes**	**1.62,1.57**	**5/18/2010...**	**NP (nrm)**	**NaN**	**22**	**0.4751**	**0.4165**	**unknown**	**ShapiroWilk**
Barium (mg/L)	MW-33R	No	n/a	n/a	EPA 1989	0.05	22	0.7406	0.1216	normal	ChiSquared
Barium (mg/L)	**MW-39**	**Yes**	**0.143**	**10/8/2024**	**Dixon`s**	**0.05**	**21**	**0.05969**	**0.02424**	**normal**	**ChiSquared**
Barium (mg/L)	**MW-50**	**Yes**	**0.347**	**10/22/2010**	**Dixon`s**	**0.05**	**19**	**0.06167**	**0.06994**	**normal**	**ChiSquared**
Barium (mg/L)	MW-51	No	n/a	n/a	EPA 1989	0.05	20	0.2827	0.07545	normal	ChiSquared
Barium (mg/L)	MW-52	No	n/a	n/a	EPA 1989	0.05	21	0.9795	0.4594	ln(x)	ChiSquared
Barium (mg/L)	MW-53	No	n/a	n/a	NP (nrm)	NaN	20	1.757	0.1274	unknown	ShapiroWilk
Barium (mg/L)	MW-54	No	n/a	n/a	NP (nrm)	NaN	21	0.07436	0.03078	unknown	ShapiroWilk
Barium (mg/L)	MW-55	No	n/a	n/a	EPA 1989	0.05	23	0.1176	0.09365	ln(x)	ChiSquared
Barium (mg/L)	MW-56	No	n/a	n/a	Dixon`s	0.05	21	0.4983	0.2608	normal	ChiSquared
Barium (mg/L)	MW-58	No	n/a	n/a	EPA 1989	0.05	21	0.6451	0.1493	normal	ChiSquared
Barium (mg/L)	MW-57R	No	n/a	n/a	EPA 1989	0.05	11	0.5256	0.1795	normal	ChiSquared
Barium (mg/L)	MW-73	No	n/a	n/a	EPA 1989	0.05	11	0.264	0.03733	normal	ChiSquared
Benzene (ug/L)	GU-3A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.5266	0.2841	unknown	ShapiroWilk
Benzene (ug/L)	MW-14R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.4491	0.1105	unknown	ShapiroWilk
Benzene (ug/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	17	0.4341	0.1224	unknown	ShapiroWilk
Benzene (ug/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	0.4491	0.1105	unknown	ShapiroWilk
Benzene (ug/L)	MW-23 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.36	0.1497	unknown	ShapiroWilk
Benzene (ug/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	0.388	0.1446	unknown	ShapiroWilk
Benzene (ug/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	0.4491	0.1105	unknown	ShapiroWilk
Benzene (ug/L)	MW-29	No	n/a	n/a	EPA 1989	0.05	21	3.378	1.471	normal	ChiSquared
Benzene (ug/L)	**MW-30R**	**Yes**	**0.314,0.22**	**3/20/2026...**	**Dixon`s**	**0.05**	**22**	**0.7151**	**0.1796**	**normal**	**ChiSquared**
Benzene (ug/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	17	0.4889	0.1352	unknown	ShapiroWilk
Benzene (ug/L)	MW-32R	n/a	n/a	n/a	NP (nrm)	NaN	17	0.4506	0.11	unknown	ShapiroWilk
Benzene (ug/L)	MW-33R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.4491	0.1105	unknown	ShapiroWilk

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/28/2026, 5:20 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Benzene (ug/L)	MW-39	n/a	n/a	n/a	NP (nrm)	NaN	19	0.4411	0.1173	unknown	ShapiroWilk
Benzene (ug/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	0.4853	0.06424	unknown	ShapiroWilk
Benzene (ug/L)	MW-51	n/a	n/a	n/a	NP (nrm)	NaN	20	0.4687	0.09693	unknown	ShapiroWilk
Benzene (ug/L)	MW-52	n/a	n/a	n/a	NP (nrm)	NaN	20	0.486	0.06261	unknown	ShapiroWilk
Benzene (ug/L)	MW-53	No	n/a	n/a	NP (nrm)	NaN	20	9.809	0.9184	unknown	ShapiroWilk
Benzene (ug/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	20	0.486	0.06261	unknown	ShapiroWilk
Benzene (ug/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	22	0.4518	0.1125	unknown	ShapiroWilk
Benzene (ug/L)	MW-56	No	n/a	n/a	EPA 1989	0.05	21	1.176	0.9524	normal	ChiSquared
Benzene (ug/L)	**MW-58**	**Yes**	**0.5**	**4/9/2010**	**Dixon`s**	**0.05**	**21**	**3.235**	**1.071**	**normal**	**ChiSquared**
Benzene (ug/L)	MW-68	No	n/a	n/a	EPA 1989	0.05	6	2.413	1.828	normal	ChiSquared
Benzene (ug/L)	MW-69	No	n/a	n/a	EPA 1989	0.05	6	0.5902	0.2544	normal	ChiSquared
Benzene (ug/L)	MW-70	n/a	n/a	n/a	NP (nrm)	NaN	11	0.3982	0.1413	unknown	ShapiroWilk
Benzene (ug/L)	PZ-13	n/a	n/a	n/a	NP (nrm)	NaN	6	0.3133	0.1446	unknown	ShapiroWilk
Benzene (ug/L)	MW-57R	No	n/a	n/a	EPA 1989	0.05	11	2.798	1.798	normal	ChiSquared
Benzene (ug/L)	MW-73	n/a	n/a	n/a	NP (nrm)	NaN	11	0.3005	0.1315	unknown	ShapiroWilk
Beryllium (mg/L)	GU-3A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.000...	0.0005163	unknown	ShapiroWilk
Beryllium (mg/L)	MW-14R	n/a	n/a	n/a	NP (nrm)	NaN	20	0.000866	0.000275	unknown	ShapiroWilk
Beryllium (mg/L)	MW-18	n/a	n/a	n/a	NP (nrm)	NaN	17	0.000...	0.0002929	unknown	ShapiroWilk
Beryllium (mg/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	0.000...	0.0002645	unknown	ShapiroWilk
Beryllium (mg/L)	MW-23 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	17	0.000...	0.0002929	unknown	ShapiroWilk
Beryllium (mg/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	15	0.000...	0.0003067	unknown	ShapiroWilk
Beryllium (mg/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	0.000...	0.0002645	unknown	ShapiroWilk
Beryllium (mg/L)	**MW-29**	**Yes**	**0.015,0...**	**4/21/2011...**	**NP (nrm)**	**NaN**	**19**	**0.00159**	**0.003259**	**unknown**	**ShapiroWilk**
Beryllium (mg/L)	MW-30R	No	n/a	n/a	NP (nrm)	NaN	20	0.001456	0.003203	unknown	ShapiroWilk
Beryllium (mg/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	20	0.000866	0.000275	unknown	ShapiroWilk
Beryllium (mg/L)	MW-32R	n/a	n/a	n/a	NP (nrm)	NaN	20	0.00097	0.0005375	unknown	ShapiroWilk
Beryllium (mg/L)	MW-33R	No	n/a	n/a	NP (nrm)	NaN	22	0.000...	0.0003434	unknown	ShapiroWilk
Beryllium (mg/L)	MW-39	n/a	n/a	n/a	NP (nrm)	NaN	19	0.000...	0.0002806	unknown	ShapiroWilk
Beryllium (mg/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	0.000...	0.0001537	unknown	ShapiroWilk
Beryllium (mg/L)	MW-51	n/a	n/a	n/a	NP (nrm)	NaN	20	0.000...	0.0001498	unknown	ShapiroWilk
Beryllium (mg/L)	MW-52	n/a	n/a	n/a	NP (nrm)	NaN	21	0.001162	0.000473	unknown	ShapiroWilk
Beryllium (mg/L)	MW-53	n/a	n/a	n/a	NP (nrm)	NaN	19	0.001017	0.00007341	unknown	ShapiroWilk
Beryllium (mg/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	20	0.001007	0.0002402	unknown	ShapiroWilk
Beryllium (mg/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	22	0.000...	0.0002645	unknown	ShapiroWilk
Beryllium (mg/L)	MW-56	n/a	n/a	n/a	NP (nrm)	NaN	21	0.000...	0.0002696	unknown	ShapiroWilk
Beryllium (mg/L)	MW-58	n/a	n/a	n/a	NP (nrm)	NaN	19	0.000...	0.0003346	unknown	ShapiroWilk
Beryllium (mg/L)	MW-57R	n/a	n/a	n/a	NP (nrm)	NaN	11	0.000...	0.0003474	unknown	ShapiroWilk
Beryllium (mg/L)	MW-73	n/a	n/a	n/a	NP (nrm)	NaN	11	0.001381	0.002638	unknown	ShapiroWilk
Beta-BHC (ug/L)	**MW-18**	**Yes**	**1.67**	**12/18/2013**	**Dixon`s**	**0.05**	**4**	**0.4445**	**0.817**	**normal**	**ChiSquared**
Beta-BHC (ug/L)	MW-29	No	n/a	n/a	EPA 1989	0.05	12	0.04347	0.02495	normal	ChiSquared
Beta-BHC (ug/L)	MW-30R	No	n/a	n/a	EPA 1989	0.05	4	0.03522	0.001936	normal	ChiSquared
Beta-BHC (ug/L)	MW-58	No	n/a	n/a	EPA 1989	0.05	4	0.03545	0.002458	normal	ChiSquared
Cadmium (mg/L)	GU-3A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.000...	0.0006968	unknown	ShapiroWilk
Cadmium (mg/L)	MW-14R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.000...	0.0001877	unknown	ShapiroWilk
Cadmium (mg/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	17	0.000...	0.0001423	unknown	ShapiroWilk
Cadmium (mg/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	0.000...	0.0002051	unknown	ShapiroWilk
Cadmium (mg/L)	MW-23 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	19	0.000...	0.0001907	unknown	ShapiroWilk
Cadmium (mg/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	17	0.000...	0.0002088	unknown	ShapiroWilk
Cadmium (mg/L)	MW-28	No	n/a	n/a	NP (nrm)	NaN	22	0.000...	0.0001917	unknown	ShapiroWilk
Cadmium (mg/L)	MW-29	n/a	n/a	n/a	NP (nrm)	NaN	21	0.000...	0.000199	unknown	ShapiroWilk

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/28/2026, 5:20 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Cadmium (mg/L)	MW-30R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.000...	0.0002034	unknown	ShapiroWilk
Cadmium (mg/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.000...	0.0001993	unknown	ShapiroWilk
Cadmium (mg/L)	MW-32R	No	n/a	n/a	NP (nrm)	NaN	22	0.000...	0.0005996	unknown	ShapiroWilk
Cadmium (mg/L)	MW-33R	No	n/a	n/a	EPA 1989	0.05	22	0.000...	0.001106	ln(x)	ChiSquared
Cadmium (mg/L)	MW-39	No	n/a	n/a	EPA 1989	0.05	21	0.000...	0.0003093	normal	ChiSquared
Cadmium (mg/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	0.000...	0.0001939	unknown	ShapiroWilk
Cadmium (mg/L)	MW-51	No	n/a	n/a	NP (nrm)	NaN	20	0.000345	0.0001974	unknown	ShapiroWilk
Cadmium (mg/L)	MW-52	No	n/a	n/a	NP (nrm)	NaN	21	0.000...	0.0007668	unknown	ShapiroWilk
Cadmium (mg/L)	MW-53	No	n/a	n/a	NP (nrm)	NaN	19	0.000...	0.0001801	unknown	ShapiroWilk
Cadmium (mg/L)	MW-54	No	n/a	n/a	NP (nrm)	NaN	20	0.000...	0.000242	unknown	ShapiroWilk
Cadmium (mg/L)	MW-55	No	n/a	n/a	EPA 1989	0.05	23	0.000...	0.000211	normal	ChiSquared
Cadmium (mg/L)	MW-56	No	n/a	n/a	NP (nrm)	NaN	21	0.000...	0.0001955	unknown	ShapiroWilk
Cadmium (mg/L)	MW-58	n/a	n/a	n/a	NP (nrm)	NaN	21	0.000...	0.0002598	unknown	ShapiroWilk
Cadmium (mg/L)	MW-57R	No	n/a	n/a	EPA 1989	0.05	11	0.001329	0.0004266	normal	ChiSquared
Cadmium (mg/L)	MW-73	No	n/a	n/a	Dixon`s	0.05	11	0.001186	0.002649	ln(x)	ChiSquared
Carbon Disulfide (ug/L)	GU-3A	n/a	n/a	n/a	NP (nrm)	NaN	19	1.358	2.105	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-14R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.9455	0.3196	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-18	n/a	n/a	n/a	NP (nrm)	NaN	17	0.806	0.2728	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-19	No	n/a	n/a	NP (nrm)	NaN	22	0.9074	0.36	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-23 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.725	0.294	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	0.78	0.284	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	0.9455	0.3196	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	**MW-29**	**Yes**	**4,0.197**	**8/17/2010...**	**NP (nrm)**	**NaN**	**21**	**0.9999**	**0.7367**	**unknown**	**ShapiroWilk**
Carbon Disulfide (ug/L)	MW-30R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.9	0.2171	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	17	0.9029	0.2161	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-32R	n/a	n/a	n/a	NP (nrm)	NaN	17	1.079	0.7826	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-33R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.9455	0.3196	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-39	n/a	n/a	n/a	NP (nrm)	NaN	19	1.095	0.7831	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	1.497	2.076	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-51	n/a	n/a	n/a	NP (nrm)	NaN	20	1.099	0.7003	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-52	n/a	n/a	n/a	NP (nrm)	NaN	20	1.022	0.2608	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-53	n/a	n/a	n/a	NP (nrm)	NaN	19	0.9533	0.1444	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	20	1.222	0.9266	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	**MW-55**	**Yes**	**10**	**9/17/2010**	**NP (nrm)**	**NaN**	**22**	**1.333**	**1.964**	**unknown**	**ShapiroWilk**
Carbon Disulfide (ug/L)	**MW-56**	**Yes**	**10**	**4/9/2010**	**NP (nrm)**	**NaN**	**21**	**1.259**	**2.022**	**unknown**	**ShapiroWilk**
Carbon Disulfide (ug/L)	MW-58	No	n/a	n/a	NP (nrm)	NaN	21	0.863	0.2525	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-68	n/a	n/a	n/a	NP (nrm)	NaN	6	0.6333	0.284	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-69	n/a	n/a	n/a	NP (nrm)	NaN	6	0.6333	0.284	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-70	n/a	n/a	n/a	NP (nrm)	NaN	6	0.6333	0.284	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	PZ-13	n/a	n/a	n/a	NP (nrm)	NaN	6	0.6333	0.284	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-57R	n/a	n/a	n/a	NP (nrm)	NaN	11	0.6065	0.2536	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-73	n/a	n/a	n/a	NP (nrm)	NaN	11	0.65	0.2775	unknown	ShapiroWilk
Chemical Oxygen Demand (mg/L)	SW-101	No	n/a	n/a	NP (nrm)	NaN	9	46.28	40.95	unknown	ShapiroWilk
Chemical Oxygen Demand (mg/L)	SW-102	No	n/a	n/a	EPA 1989	0.05	8	40.24	16.11	normal	ChiSquared
Chemical Oxygen Demand (mg/L)	**SW-103**	**Yes**	**198**	**9/21/2023**	**Dixon`s**	**0.05**	**9**	**59.37**	**54.67**	**normal**	**ChiSquared**
Chemical Oxygen Demand (mg/L)	SW-104	No	n/a	n/a	NP (nrm)	NaN	6	45.7	38.47	unknown	ShapiroWilk
Chemical Oxygen Demand (mg/L)	SW-105	No	n/a	n/a	EPA 1989	0.05	6	91.55	75.13	normal	ChiSquared
Chemical Oxygen Demand (mg/L)	**SW-106**	**Yes**	**223**	**3/20/2026**	**Dixon`s**	**0.05**	**9**	**55.61**	**63.85**	**normal**	**ChiSquared**
Chemical Oxygen Demand (mg/L)	SW-107	No	n/a	n/a	EPA 1989	0.05	9	32.61	10.14	normal	ChiSquared
Chloride (mg/L)	**SW-101**	**Yes**	**240**	**4/18/2022**	**Dixon`s**	**0.05**	**9**	**74.52**	**62.55**	**normal**	**ChiSquared**

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/28/2026, 5:20 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Chloride (mg/L)	**SW-102**	**Yes**	**116**	**9/8/2021**	**Dixon`s**	**0.05**	**8**	**56.43**	**25.72**	**normal**	**ChiSquared**
Chloride (mg/L)	**SW-103**	**Yes**	**5**	**9/8/2021**	**Dixon`s**	**0.05**	**9**	**40.12**	**14.75**	**normal**	**ChiSquared**
Chloride (mg/L)	SW-104	No	n/a	n/a	EPA 1989	0.05	6	43.68	12.58	normal	ChiSquared
Chloride (mg/L)	SW-105	No	n/a	n/a	EPA 1989	0.05	6	102.4	144.5	ln(x)	ChiSquared
Chloride (mg/L)	SW-106	No	n/a	n/a	EPA 1989	0.05	9	52.71	26.91	ln(x)	ChiSquared
Chloride (mg/L)	SW-107	No	n/a	n/a	EPA 1989	0.05	9	68.2	32.77	normal	ChiSquared
Chlorobenzene (ug/L)	GU-3A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.9505	0.4556	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-14R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8886	0.242	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	17	0.8559	0.268	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8886	0.242	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-23 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.6938	0.3278	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	0.755	0.3166	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8886	0.242	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-29	No	n/a	n/a	EPA 1989	0.05	21	11.74	5.755	normal	ChiSquared
Chlorobenzene (ug/L)	MW-30R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8886	0.242	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	17	0.8912	0.2425	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-32R	n/a	n/a	n/a	NP (nrm)	NaN	17	0.8912	0.2425	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-33R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8886	0.242	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-39	n/a	n/a	n/a	NP (nrm)	NaN	19	0.8711	0.2568	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	0.9684	0.1376	unknown	ShapiroWilk
Chlorobenzene (ug/L)	**MW-51**	**Yes**	**2.87,2....**	**7/20/2020...**	**NP (nrm)**	**NaN**	**20**	**1.443**	**0.8575**	**unknown**	**ShapiroWilk**
Chlorobenzene (ug/L)	MW-52	n/a	n/a	n/a	NP (nrm)	NaN	20	0.97	0.1342	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-53	No	n/a	n/a	EPA 1989	0.05	20	9.404	1.312	normal	ChiSquared
Chlorobenzene (ug/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	20	0.97	0.1342	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8886	0.242	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-56	n/a	n/a	n/a	NP (nrm)	NaN	21	1.081	0.9661	unknown	ShapiroWilk
Chlorobenzene (ug/L)	**MW-58**	**Yes**	**1,1**	**4/9/2010,...**	**Dixon`s**	**0.05**	**21**	**6.033**	**2.277**	**normal**	**ChiSquared**
Chlorobenzene (ug/L)	MW-68	No	n/a	n/a	EPA 1989	0.05	6	0.5917	0.3169	ln(x)	ChiSquared
Chlorobenzene (ug/L)	MW-69	No	n/a	n/a	EPA 1989	0.05	6	0.5917	0.3169	ln(x)	ChiSquared
Chlorobenzene (ug/L)	MW-70	No	n/a	n/a	EPA 1989	0.05	6	0.5917	0.3169	ln(x)	ChiSquared
Chlorobenzene (ug/L)	PZ-13	No	n/a	n/a	EPA 1989	0.05	6	0.5917	0.3169	ln(x)	ChiSquared
Chlorobenzene (ug/L)	MW-57R	n/a	n/a	n/a	NP (nrm)	NaN	11	0.6148	0.3058	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-73	n/a	n/a	n/a	NP (nrm)	NaN	11	0.6136	0.3067	unknown	ShapiroWilk
Chloroethane (ug/L)	GU-3A	n/a	n/a	n/a	NP (nrm)	NaN	19	3.33	1.333	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-14R	n/a	n/a	n/a	NP (nrm)	NaN	22	3.421	1.257	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	17	3.251	1.392	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	3.421	1.257	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-23 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	2.409	1.701	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	2.727	1.644	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	3.421	1.257	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-29	No	n/a	n/a	NP (nrm)	NaN	21	2.618	1.474	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-30R	No	n/a	n/a	NP (nrm)	NaN	22	3.093	1.52	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	17	3.44	1.247	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-32R	n/a	n/a	n/a	NP (nrm)	NaN	17	3.44	1.247	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-33R	n/a	n/a	n/a	NP (nrm)	NaN	22	3.421	1.257	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-39	n/a	n/a	n/a	NP (nrm)	NaN	19	3.33	1.333	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	3.831	0.7364	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-51	n/a	n/a	n/a	NP (nrm)	NaN	20	4.459	3.806	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-52	n/a	n/a	n/a	NP (nrm)	NaN	20	3.84	0.7178	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-53	n/a	n/a	n/a	NP (nrm)	NaN	19	3.635	1.097	unknown	ShapiroWilk

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/28/2026, 5:20 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Chloroethane (ug/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	20	3.84	0.7178	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	22	3.421	1.257	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-56	No	n/a	n/a	NP (nrm)	NaN	21	2.983	1.637	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-58	No	n/a	n/a	NP (nrm)	NaN	21	6.145	7.321	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-68	n/a	n/a	n/a	NP (nrm)	NaN	6	1.878	1.644	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-69	n/a	n/a	n/a	NP (nrm)	NaN	6	1.878	1.644	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-70	n/a	n/a	n/a	NP (nrm)	NaN	6	1.878	1.644	unknown	ShapiroWilk
Chloroethane (ug/L)	PZ-13	n/a	n/a	n/a	NP (nrm)	NaN	6	1.878	1.644	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-57R	n/a	n/a	n/a	NP (nrm)	NaN	11	1.967	1.612	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-73	n/a	n/a	n/a	NP (nrm)	NaN	11	1.967	1.612	unknown	ShapiroWilk
Chromium (mg/L)	GU-3A	No	n/a	n/a	NP (nrm)	NaN	19	0.01029	0.008617	unknown	ShapiroWilk
Chromium (mg/L)	MW-14R	n/a	n/a	n/a	NP (nrm)	NaN	20	0.01179	0.008512	unknown	ShapiroWilk
Chromium (mg/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	17	0.008582	0.007734	unknown	ShapiroWilk
Chromium (mg/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	0.01118	0.00834	unknown	ShapiroWilk
Chromium (mg/L)	MW-23 (bg)	No	n/a	n/a	NP (nrm)	NaN	17	0.01035	0.008438	unknown	ShapiroWilk
Chromium (mg/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	15	0.008763	0.008377	unknown	ShapiroWilk
Chromium (mg/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	0.0113	0.008266	unknown	ShapiroWilk
Chromium (mg/L)	MW-29	n/a	n/a	n/a	NP (nrm)	NaN	19	0.01093	0.008953	unknown	ShapiroWilk
Chromium (mg/L)	MW-30R	n/a	n/a	n/a	NP (nrm)	NaN	20	0.01137	0.008956	unknown	ShapiroWilk
Chromium (mg/L)	MW-31R	No	n/a	n/a	NP (nrm)	NaN	20	0.01114	0.008496	unknown	ShapiroWilk
Chromium (mg/L)	MW-32R	n/a	n/a	n/a	NP (nrm)	NaN	20	0.01048	0.008936	unknown	ShapiroWilk
Chromium (mg/L)	MW-33R	No	n/a	n/a	NP (nrm)	NaN	22	0.01228	0.01148	unknown	ShapiroWilk
Chromium (mg/L)	MW-39	n/a	n/a	n/a	NP (nrm)	NaN	19	0.01136	0.008517	unknown	ShapiroWilk
Chromium (mg/L)	MW-50	No	n/a	n/a	NP (nrm)	NaN	19	0.01075	0.009088	unknown	ShapiroWilk
Chromium (mg/L)	MW-51	n/a	n/a	n/a	NP (nrm)	NaN	20	0.01285	0.008194	unknown	ShapiroWilk
Chromium (mg/L)	MW-52	n/a	n/a	n/a	NP (nrm)	NaN	21	0.01636	0.01799	unknown	ShapiroWilk
Chromium (mg/L)	MW-53	n/a	n/a	n/a	NP (nrm)	NaN	19	0.01245	0.008269	unknown	ShapiroWilk
Chromium (mg/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	20	0.01216	0.0081	unknown	ShapiroWilk
Chromium (mg/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	23	0.01091	0.008249	unknown	ShapiroWilk
Chromium (mg/L)	MW-56	n/a	n/a	n/a	NP (nrm)	NaN	21	0.01076	0.008304	unknown	ShapiroWilk
Chromium (mg/L)	MW-58	No	n/a	n/a	NP (nrm)	NaN	19	0.01036	0.008545	unknown	ShapiroWilk
Chromium (mg/L)	MW-57R	n/a	n/a	n/a	NP (nrm)	NaN	11	0.002805	0.001856	unknown	ShapiroWilk
Chromium (mg/L)	MW-73	n/a	n/a	n/a	NP (nrm)	NaN	11	0.003387	0.002807	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	GU-3A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.8516	0.3033	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-14R	No	n/a	n/a	NP (nrm)	NaN	23	6.117	12.3	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	17	0.8341	0.3169	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8718	0.2856	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-23 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.6475	0.3929	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	0.718	0.3771	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8718	0.2856	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-29	No	n/a	n/a	EPA 1989	0.05	23	12.01	4.865	ln(x)	ChiSquared
cis-1,2-Dichloroethene (ug/L)	MW-30R	No	n/a	n/a	Rosner`s	0.01	24	61.18	15.67	normal	ChiSquared
cis-1,2-Dichloroethene (ug/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	19	0.9061	0.2303	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-32R	n/a	n/a	n/a	NP (nrm)	NaN	19	0.8932	0.2618	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-33R	n/a	n/a	n/a	NP (nrm)	NaN	24	0.8825	0.2753	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-39	n/a	n/a	n/a	NP (nrm)	NaN	19	0.8516	0.3033	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	0.9584	0.1812	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-51	No	n/a	n/a	EPA 1989	0.05	20	5.439	2.504	normal	ChiSquared
cis-1,2-Dichloroethene (ug/L)	MW-52	n/a	n/a	n/a	NP (nrm)	NaN	22	1.01	0.2779	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-53	No	n/a	n/a	EPA 1989	0.05	22	2.797	1.298	normal	ChiSquared

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/28/2026, 5:20 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
cis-1,2-Dichloroethene (ug/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	22	1.01	0.2779	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	22	0.9173	0.3732	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-56	No	n/a	n/a	NP (nrm)	NaN	21	0.7888	0.3499	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-58	No	n/a	n/a	NP (nrm)	NaN	22	0.8341	0.3206	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	**MW-68**	**Yes**	**13.8,74**	**6/30/2015...**	**Dixon`s**	**0.05**	**14**	**11.02**	**18.29**	**normal**	**ChiSquared**
cis-1,2-Dichloroethene (ug/L)	MW-69	No	n/a	n/a	EPA 1989	0.05	14	7.831	4.137	normal	ChiSquared
cis-1,2-Dichloroethene (ug/L)	MW-70	n/a	n/a	n/a	NP (nrm)	NaN	11	0.7436	0.3677	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	PZ-13	No	n/a	n/a	EPA 1989	0.05	14	0.5048	0.283	normal	ChiSquared
cis-1,2-Dichloroethene (ug/L)	MW-57R	No	n/a	n/a	EPA 1989	0.05	11	1.696	1.47	normal	ChiSquared
cis-1,2-Dichloroethene (ug/L)	MW-73	n/a	n/a	n/a	NP (nrm)	NaN	11	0.4873	0.3547	unknown	ShapiroWilk
Cobalt (mg/L)	GU-3A	No	n/a	n/a	NP (nrm)	NaN	19	0.007409	0.01808	unknown	ShapiroWilk
Cobalt (mg/L)	MW-14R	No	n/a	n/a	NP (nrm)	NaN	23	0.000...	0.0007045	unknown	ShapiroWilk
Cobalt (mg/L)	MW-18	No	n/a	n/a	EPA 1989	0.05	17	0.001735	0.0008477	normal	ChiSquared
Cobalt (mg/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	0.000...	0.0007671	unknown	ShapiroWilk
Cobalt (mg/L)	MW-23 (bg)	No	n/a	n/a	EPA 1989	0.05	21	0.001096	0.0007685	ln(x)	ChiSquared
Cobalt (mg/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	19	0.000...	0.000713	unknown	ShapiroWilk
Cobalt (mg/L)	MW-28	No	n/a	n/a	NP (nrm)	NaN	22	0.000...	0.0007815	unknown	ShapiroWilk
Cobalt (mg/L)	MW-29	No	n/a	n/a	EPA 1989	0.05	23	0.06785	0.01079	normal	ChiSquared
Cobalt (mg/L)	MW-30R	No	n/a	n/a	EPA 1989	0.05	24	0.005496	0.0021	normal	ChiSquared
Cobalt (mg/L)	MW-31R	No	n/a	n/a	NP (nrm)	NaN	24	0.001942	0.002618	unknown	ShapiroWilk
Cobalt (mg/L)	MW-32R	No	n/a	n/a	EPA 1989	0.05	24	0.003377	0.004321	ln(x)	ChiSquared
Cobalt (mg/L)	**MW-33R**	**Yes**	**0.0274**	**12/15/2010**	**Rosner`s**	**0.01**	**24**	**0.01165**	**0.00371**	**normal**	**ChiSquared**
Cobalt (mg/L)	MW-39	No	n/a	n/a	EPA 1989	0.05	21	0.01134	0.01077	ln(x)	ChiSquared
Cobalt (mg/L)	MW-50	No	n/a	n/a	EPA 1989	0.05	19	0.001196	0.001043	normal	ChiSquared
Cobalt (mg/L)	MW-51	No	n/a	n/a	EPA 1989	0.05	20	0.001396	0.0009615	ln(x)	ChiSquared
Cobalt (mg/L)	**MW-52**	**Yes**	**0.0305,...**	**2/22/2011...**	**Rosner`s**	**0.01**	**23**	**0.01105**	**0.006173**	**normal**	**ChiSquared**
Cobalt (mg/L)	MW-53	No	n/a	n/a	NP (nrm)	NaN	21	0.000...	0.0008184	unknown	ShapiroWilk
Cobalt (mg/L)	**MW-54**	**Yes**	**0.0128**	**1/12/2011**	**NP (nrm)**	**NaN**	**23**	**0.002193**	**0.002353**	**unknown**	**ShapiroWilk**
Cobalt (mg/L)	MW-55	No	n/a	n/a	EPA 1989	0.05	23	0.001256	0.001631	ln(x)	ChiSquared
Cobalt (mg/L)	MW-56	No	n/a	n/a	Dixon`s	0.05	21	0.01127	0.005176	normal	ChiSquared
Cobalt (mg/L)	MW-58	No	n/a	n/a	EPA 1989	0.05	22	0.005073	0.005309	ln(x)	ChiSquared
Cobalt (mg/L)	MW-60	n/a	n/a	n/a	NP (nrm)	NaN	10	0.000...	0.0001657	unknown	ShapiroWilk
Cobalt (mg/L)	PZ-13	No	n/a	n/a	NP (nrm)	NaN	11	0.000...	0.0001847	unknown	ShapiroWilk
Cobalt (mg/L)	**SW-101**	**Yes**	**0.00172...**	**9/21/2023...**	**Dixon`s**	**0.05**	**9**	**0.000...**	**0.001341**	**normal**	**ChiSquared**
Cobalt (mg/L)	**SW-102**	**Yes**	**0.00678**	**4/3/2018**	**Dixon`s**	**0.05**	**8**	**0.001289**	**0.002227**	**ln(x)**	**ChiSquared**
Cobalt (mg/L)	**SW-103**	**Yes**	**0.0218**	**9/21/2023**	**Dixon`s**	**0.05**	**9**	**0.003016**	**0.007071**	**ln(x)**	**ChiSquared**
Cobalt (mg/L)	SW-106	No	n/a	n/a	EPA 1989	0.05	9	0.000...	0.0007887	normal	ChiSquared
Cobalt (mg/L)	SW-107	No	n/a	n/a	EPA 1989	0.05	9	0.000...	0.0002476	normal	ChiSquared
Cobalt (mg/L)	MW-57R	No	n/a	n/a	Dixon`s	0.05	11	0.02207	0.009105	normal	ChiSquared
Cobalt (mg/L)	**MW-73**	**Yes**	**0.0113**	**4/29/2025**	**Dixon`s**	**0.05**	**11**	**0.004118**	**0.002615**	**normal**	**ChiSquared**
Copper (mg/L)	GU-3A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.01673	0.02296	unknown	ShapiroWilk
Copper (mg/L)	MW-14R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.01103	0.008465	unknown	ShapiroWilk
Copper (mg/L)	MW-18	No	n/a	n/a	EPA 1989	0.05	17	0.009343	0.008908	ln(x)	ChiSquared
Copper (mg/L)	MW-19	No	n/a	n/a	EPA 1989	0.05	22	0.02227	0.04212	ln(x)	ChiSquared
Copper (mg/L)	MW-23 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	19	0.01023	0.008363	unknown	ShapiroWilk
Copper (mg/L)	MW-24R (bg)	No	n/a	n/a	NP (nrm)	NaN	17	0.01102	0.0113	unknown	ShapiroWilk
Copper (mg/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	0.01286	0.01092	unknown	ShapiroWilk
Copper (mg/L)	MW-29	n/a	n/a	n/a	NP (nrm)	NaN	21	0.01374	0.01495	unknown	ShapiroWilk
Copper (mg/L)	MW-30R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.01112	0.00836	unknown	ShapiroWilk
Copper (mg/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.01134	0.008153	unknown	ShapiroWilk

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/28/2026, 5:20 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Copper (mg/L)	MW-32R	No	n/a	n/a	NP (nrm)	NaN	22	0.01165	0.01061	unknown	ShapiroWilk
Copper (mg/L)	MW-33R	No	n/a	n/a	EPA 1989	0.05	22	0.0169	0.02022	ln(x)	ChiSquared
Copper (mg/L)	MW-39	No	n/a	n/a	NP (nrm)	NaN	21	0.01054	0.008906	unknown	ShapiroWilk
Copper (mg/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	0.01215	0.008683	unknown	ShapiroWilk
Copper (mg/L)	MW-51	n/a	n/a	n/a	NP (nrm)	NaN	20	0.01279	0.008238	unknown	ShapiroWilk
Copper (mg/L)	MW-52	n/a	n/a	n/a	NP (nrm)	NaN	21	0.01877	0.01716	unknown	ShapiroWilk
Copper (mg/L)	MW-53	n/a	n/a	n/a	NP (nrm)	NaN	19	0.01265	0.008029	unknown	ShapiroWilk
Copper (mg/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	20	0.01531	0.01038	unknown	ShapiroWilk
Copper (mg/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	22	0.01033	0.008312	unknown	ShapiroWilk
Copper (mg/L)	MW-56	No	n/a	n/a	NP (nrm)	NaN	21	0.01075	0.008704	unknown	ShapiroWilk
Copper (mg/L)	MW-58	No	n/a	n/a	NP (nrm)	NaN	21	0.01198	0.0107	unknown	ShapiroWilk
Copper (mg/L)	MW-57R	No	n/a	n/a	EPA 1989	0.05	11	0.003552	0.001081	normal	ChiSquared
Copper (mg/L)	MW-73	No	n/a	n/a	EPA 1989	0.05	11	0.006452	0.005266	normal	ChiSquared
Delta-BHC (ug/L)	**MW-18**	**Yes**	**1.67**	**12/18/2013**	**Dixon`s**	**0.05**	**4**	**0.4422**	**0.8185**	**normal**	**ChiSquared**
Delta-BHC (ug/L)	MW-29	No	n/a	n/a	NP (nrm)	NaN	5	0.03404	0.01765	unknown	ShapiroWilk
Delta-BHC (ug/L)	MW-30R	No	n/a	n/a	EPA 1989	0.05	4	0.0306	0.004129	normal	ChiSquared
Delta-BHC (ug/L)	MW-31R	No	n/a	n/a	EPA 1989	0.05	7	0.02828	0.02031	normal	ChiSquared
Delta-BHC (ug/L)	MW-58	No	n/a	n/a	EPA 1989	0.05	6	0.02947	0.02085	normal	ChiSquared
Dichlorodifluoromethane (ug/L)	MW-14R	No	n/a	n/a	Dixon`s	0.05	7	1.021	0.4437	normal	ChiSquared
Dichlorodifluoromethane (ug/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	4	2.313	1.375	unknown	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-29	n/a	n/a	n/a	NP (nrm)	NaN	4	1.625	1.588	unknown	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-30R	No	n/a	n/a	EPA 1989	0.05	8	1.543	1.226	ln(x)	ChiSquared
Dichlorodifluoromethane (ug/L)	MW-56	No	n/a	n/a	NP (nrm)	NaN	18	2.106	1.303	unknown	ShapiroWilk
Endosulfan I (ug/L)	MW-14R	No	n/a	n/a	EPA 1989	0.05	7	0.02417	0.02076	normal	ChiSquared
Endosulfan I (ug/L)	**MW-18**	**Yes**	**1.67**	**12/18/2013**	**Dixon`s**	**0.05**	**4**	**0.4413**	**0.8191**	**normal**	**ChiSquared**
Endosulfan I (ug/L)	MW-29	No	n/a	n/a	NP (nrm)	NaN	9	0.02984	0.01607	unknown	ShapiroWilk
Endosulfan I (ug/L)	MW-30R	No	n/a	n/a	EPA 1989	0.05	4	0.03112	0.004403	normal	ChiSquared
Endosulfan I (ug/L)	MW-58	No	n/a	n/a	EPA 1989	0.05	6	0.02711	0.02293	normal	ChiSquared
Endosulfan II (ug/L)	MW-14R	No	n/a	n/a	Dixon`s	0.05	7	0.03056	0.01736	normal	ChiSquared
Endosulfan II (ug/L)	**MW-18**	**Yes**	**1.67**	**12/18/2013**	**Dixon`s**	**0.05**	**4**	**0.4408**	**0.8195**	**normal**	**ChiSquared**
Endosulfan II (ug/L)	**MW-29**	**Yes**	**0.0615**	**4/18/2022**	**NP (nrm)**	**NaN**	**11**	**0.03584**	**0.009703**	**unknown**	**ShapiroWilk**
Endosulfan II (ug/L)	MW-30R	No	n/a	n/a	EPA 1989	0.05	4	0.02975	0.005314	normal	ChiSquared
Ethylbenzene (ug/L)	**GU-3A**	**Yes**	**21**	**9/17/2010**	**NP (nrm)**	**NaN**	**19**	**2.073**	**4.637**	**unknown**	**ShapiroWilk**
Ethylbenzene (ug/L)	MW-14R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8795	0.2624	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	17	0.8441	0.2906	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8795	0.2624	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-23 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.6687	0.3559	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	0.735	0.3436	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8795	0.2624	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-29	n/a	n/a	n/a	NP (nrm)	NaN	21	0.8738	0.2674	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-30R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8795	0.2624	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	17	0.8847	0.2577	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-32R	n/a	n/a	n/a	NP (nrm)	NaN	17	0.8847	0.2577	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-33R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8795	0.2624	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-39	n/a	n/a	n/a	NP (nrm)	NaN	19	0.8605	0.2784	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	0.9637	0.1583	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-51	n/a	n/a	n/a	NP (nrm)	NaN	20	0.9655	0.1543	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-52	n/a	n/a	n/a	NP (nrm)	NaN	20	0.9655	0.1543	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-53	No	n/a	n/a	NP (nrm)	NaN	20	28.61	13.26	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	20	0.9853	0.06596	unknown	ShapiroWilk

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/28/2026, 5:20 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Ethylbenzene (ug/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8795	0.2624	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-56	n/a	n/a	n/a	NP (nrm)	NaN	21	0.8738	0.2674	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-58	n/a	n/a	n/a	NP (nrm)	NaN	21	0.8738	0.2674	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-68	No	n/a	n/a	EPA 1989	0.05	6	0.5583	0.3448	ln(x)	ChiSquared
Ethylbenzene (ug/L)	MW-69	No	n/a	n/a	EPA 1989	0.05	6	0.5583	0.3448	ln(x)	ChiSquared
Ethylbenzene (ug/L)	MW-70	No	n/a	n/a	EPA 1989	0.05	6	0.5583	0.3448	ln(x)	ChiSquared
Ethylbenzene (ug/L)	PZ-13	No	n/a	n/a	EPA 1989	0.05	6	0.5583	0.3448	ln(x)	ChiSquared
Ethylbenzene (ug/L)	MW-57R	n/a	n/a	n/a	NP (nrm)	NaN	11	0.5709	0.3417	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-73	n/a	n/a	n/a	NP (nrm)	NaN	11	0.5709	0.3417	unknown	ShapiroWilk
Gamma-BHC [Lindane] (ug/L)	MW-14R	n/a	n/a	n/a	NP (nrm)	NaN	7	0.03017	0.01815	unknown	ShapiroWilk
Gamma-BHC [Lindane] (ug/L)	MW-18	No	n/a	n/a	EPA 1989	0.05	4	0.4372	0.822	ln(x)	ChiSquared
Gamma-BHC [Lindane] (ug/L)	MW-29	No	n/a	n/a	EPA 1989	0.05	6	0.02246	0.0133	normal	ChiSquared
Gamma-BHC [Lindane] (ug/L)	**MW-30R**	**Yes**	**0.00891**	**10/8/2024**	**Dixon`s**	**0.05**	**4**	**0.02785**	**0.01267**	**normal**	**ChiSquared**
Gamma-BHC [Lindane] (ug/L)	**MW-33R**	**Yes**	**0.00916**	**10/9/2024**	**Dixon`s**	**0.05**	**4**	**0.02937**	**0.01375**	**normal**	**ChiSquared**
Gamma-BHC [Lindane] (ug/L)	MW-58	n/a	n/a	n/a	NP (nrm)	NaN	7	0.03093	0.01889	unknown	ShapiroWilk
Heptachlor (ug/L)	MW-18	No	n/a	n/a	EPA 1989	0.05	4	0.4323	0.8252	ln(x)	ChiSquared
Heptachlor (ug/L)	MW-29	No	n/a	n/a	EPA 1989	0.05	7	0.0291	0.01785	normal	ChiSquared
Heptachlor (ug/L)	MW-30R	No	n/a	n/a	Dixon`s	0.05	4	0.03002	0.006518	normal	ChiSquared
Heptachlor (ug/L)	MW-58	No	n/a	n/a	Dixon`s	0.05	7	0.03153	0.01824	normal	ChiSquared
Heptachlor Epoxide (ug/L)	**MW-18**	**Yes**	**1.67**	**12/18/2013**	**Dixon`s**	**0.05**	**4**	**0.4422**	**0.8185**	**normal**	**ChiSquared**
Heptachlor Epoxide (ug/L)	MW-29	No	n/a	n/a	EPA 1989	0.05	7	0.02664	0.0171	normal	ChiSquared
Heptachlor Epoxide (ug/L)	MW-30R	No	n/a	n/a	EPA 1989	0.05	4	0.03107	0.003482	normal	ChiSquared
Iron, Dissolved (mg/L)	SW-101	No	n/a	n/a	NP (nrm)	NaN	9	0.4813	0.6697	unknown	ShapiroWilk
Iron, Dissolved (mg/L)	SW-102	n/a	n/a	n/a	NP (nrm)	NaN	8	0.3295	0.2354	unknown	ShapiroWilk
Iron, Dissolved (mg/L)	SW-103	No	n/a	n/a	NP (nrm)	NaN	9	0.3398	0.2253	unknown	ShapiroWilk
Iron, Dissolved (mg/L)	SW-104	No	n/a	n/a	EPA 1989	0.05	6	0.3983	0.2923	normal	ChiSquared
Iron, Dissolved (mg/L)	SW-105	No	n/a	n/a	EPA 1989	0.05	6	0.5083	0.5113	normal	ChiSquared
Iron, Dissolved (mg/L)	SW-106	No	n/a	n/a	NP (nrm)	NaN	9	0.3008	0.2448	unknown	ShapiroWilk
Iron, Dissolved (mg/L)	SW-107	No	n/a	n/a	NP (nrm)	NaN	9	0.2969	0.2409	unknown	ShapiroWilk
Lead (mg/L)	GU-3A	No	n/a	n/a	NP (nrm)	NaN	19	0.002636	0.002787	unknown	ShapiroWilk
Lead (mg/L)	MW-14R	No	n/a	n/a	NP (nrm)	NaN	22	0.002022	0.00185	unknown	ShapiroWilk
Lead (mg/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	17	0.001541	0.001651	unknown	ShapiroWilk
Lead (mg/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	0.002228	0.001786	unknown	ShapiroWilk
Lead (mg/L)	MW-23 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	19	0.001692	0.001815	unknown	ShapiroWilk
Lead (mg/L)	MW-24R (bg)	No	n/a	n/a	NP (nrm)	NaN	17	0.001509	0.001663	unknown	ShapiroWilk
Lead (mg/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	0.002019	0.001854	unknown	ShapiroWilk
Lead (mg/L)	MW-29	n/a	n/a	n/a	NP (nrm)	NaN	21	0.00196	0.001812	unknown	ShapiroWilk
Lead (mg/L)	MW-30R	No	n/a	n/a	NP (nrm)	NaN	22	0.002252	0.001762	unknown	ShapiroWilk
Lead (mg/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.00217	0.001787	unknown	ShapiroWilk
Lead (mg/L)	MW-32R	No	n/a	n/a	EPA 1989	0.05	22	0.008199	0.01293	ln(x)	ChiSquared
Lead (mg/L)	MW-33R	No	n/a	n/a	NP (nrm)	NaN	22	0.003674	0.005187	unknown	ShapiroWilk
Lead (mg/L)	MW-39	No	n/a	n/a	NP (nrm)	NaN	21	0.001941	0.00183	unknown	ShapiroWilk
Lead (mg/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	0.002363	0.001794	unknown	ShapiroWilk
Lead (mg/L)	MW-51	n/a	n/a	n/a	NP (nrm)	NaN	20	0.002401	0.001816	unknown	ShapiroWilk
Lead (mg/L)	MW-52	No	n/a	n/a	NP (nrm)	NaN	21	0.005096	0.008179	unknown	ShapiroWilk
Lead (mg/L)	MW-53	n/a	n/a	n/a	NP (nrm)	NaN	19	0.002324	0.001816	unknown	ShapiroWilk
Lead (mg/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	20	0.002674	0.002419	unknown	ShapiroWilk
Lead (mg/L)	MW-55	No	n/a	n/a	NP (nrm)	NaN	22	0.001807	0.001754	unknown	ShapiroWilk
Lead (mg/L)	MW-56	No	n/a	n/a	NP (nrm)	NaN	21	0.001876	0.001754	unknown	ShapiroWilk
Lead (mg/L)	MW-58	No	n/a	n/a	NP (nrm)	NaN	21	0.003748	0.005775	unknown	ShapiroWilk

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/28/2026, 5:20 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Lead (mg/L)	MW-57R	No	n/a	n/a	EPA 1989	0.05	11	0.000...	0.0003813	normal	ChiSquared
Lead (mg/L)	MW-73	No	n/a	n/a	EPA 1989	0.05	11	0.002852	0.005539	ln(x)	ChiSquared
Mercury (mg/L)	MW-18	No	n/a	n/a	EPA 1989	0.05	6	0.000...	0.00009315	normal	ChiSquared
Mercury (mg/L)	MW-19	No	n/a	n/a	EPA 1989	0.05	5	0.000...	0.00009834	normal	ChiSquared
Mercury (mg/L)	MW-28	No	n/a	n/a	EPA 1989	0.05	5	0.0002	0.00009303	normal	ChiSquared
Mercury (mg/L)	MW-39	No	n/a	n/a	EPA 1989	0.05	4	0.000...	0.00005532	normal	ChiSquared
Nickel (mg/L)	GU-3A	No	n/a	n/a	EPA 1989	0.05	19	0.03808	0.0451	ln(x)	ChiSquared
Nickel (mg/L)	MW-14R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.02498	0.0234	unknown	ShapiroWilk
Nickel (mg/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	17	0.01253	0.01807	unknown	ShapiroWilk
Nickel (mg/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	0.02572	0.02455	unknown	ShapiroWilk
Nickel (mg/L)	MW-23 (bg)	No	n/a	n/a	EPA 1989	0.05	19	0.0166	0.0207	ln(x)	ChiSquared
Nickel (mg/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	17	0.01731	0.02179	unknown	ShapiroWilk
Nickel (mg/L)	MW-28	No	n/a	n/a	NP (nrm)	NaN	22	0.02481	0.02356	unknown	ShapiroWilk
Nickel (mg/L)	MW-29	No	n/a	n/a	EPA 1989	0.05	21	0.09634	0.01849	normal	ChiSquared
Nickel (mg/L)	MW-30R	No	n/a	n/a	NP (nrm)	NaN	22	0.02413	0.0221	unknown	ShapiroWilk
Nickel (mg/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.02503	0.02334	unknown	ShapiroWilk
Nickel (mg/L)	MW-32R	No	n/a	n/a	NP (nrm)	NaN	22	0.02481	0.02355	unknown	ShapiroWilk
Nickel (mg/L)	MW-33R	No	n/a	n/a	NP (nrm)	NaN	22	0.02237	0.02151	unknown	ShapiroWilk
Nickel (mg/L)	MW-39	No	n/a	n/a	EPA 1989	0.05	21	0.0273	0.01667	normal	ChiSquared
Nickel (mg/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	0.02613	0.02331	unknown	ShapiroWilk
Nickel (mg/L)	MW-51	No	n/a	n/a	NP (nrm)	NaN	20	0.02664	0.02399	unknown	ShapiroWilk
Nickel (mg/L)	MW-52	No	n/a	n/a	NP (nrm)	NaN	20	0.02894	0.02417	unknown	ShapiroWilk
Nickel (mg/L)	MW-53	n/a	n/a	n/a	NP (nrm)	NaN	19	0.0274	0.02212	unknown	ShapiroWilk
Nickel (mg/L)	MW-54	No	n/a	n/a	NP (nrm)	NaN	20	0.02664	0.02183	unknown	ShapiroWilk
Nickel (mg/L)	MW-55	No	n/a	n/a	EPA 1989	0.05	22	0.02031	0.02111	ln(x)	ChiSquared
Nickel (mg/L)	MW-56	No	n/a	n/a	EPA 1989	0.05	21	0.02773	0.0169	ln(x)	ChiSquared
Nickel (mg/L)	MW-58	No	n/a	n/a	NP (nrm)	NaN	21	0.04422	0.02225	unknown	ShapiroWilk
Nickel (mg/L)	MW-57R	No	n/a	n/a	Dixon`s	0.05	11	0.03502	0.009884	normal	ChiSquared
Nickel (mg/L)	MW-73	No	n/a	n/a	EPA 1989	0.05	11	0.01779	0.006068	normal	ChiSquared
Nitrate as N (mg/L)	SW-105	No	n/a	n/a	EPA 1989	0.05	6	0.7388	0.9972	normal	ChiSquared
Nitrate as N (mg/L)	SW-107	No	n/a	n/a	Dixon`s	0.05	8	5.166	4.083	normal	ChiSquared
Selenium (mg/L)	GU-3A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.004121	0.001743	unknown	ShapiroWilk
Selenium (mg/L)	MW-14R	No	n/a	n/a	NP (nrm)	NaN	20	0.004089	0.00162	unknown	ShapiroWilk
Selenium (mg/L)	MW-18	n/a	n/a	n/a	NP (nrm)	NaN	17	0.003702	0.001813	unknown	ShapiroWilk
Selenium (mg/L)	MW-19	No	n/a	n/a	NP (nrm)	NaN	22	0.004167	0.001574	unknown	ShapiroWilk
Selenium (mg/L)	MW-23 (bg)	No	n/a	n/a	NP (nrm)	NaN	17	0.004153	0.001574	unknown	ShapiroWilk
Selenium (mg/L)	MW-24R (bg)	No	n/a	n/a	NP (nrm)	NaN	15	0.002895	0.001818	unknown	ShapiroWilk
Selenium (mg/L)	MW-28	No	n/a	n/a	NP (nrm)	NaN	22	0.004166	0.001576	unknown	ShapiroWilk
Selenium (mg/L)	MW-29	n/a	n/a	n/a	NP (nrm)	NaN	19	0.004505	0.002003	unknown	ShapiroWilk
Selenium (mg/L)	MW-30R	n/a	n/a	n/a	NP (nrm)	NaN	20	0.00428	0.001477	unknown	ShapiroWilk
Selenium (mg/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	20	0.00428	0.001477	unknown	ShapiroWilk
Selenium (mg/L)	MW-32R	n/a	n/a	n/a	NP (nrm)	NaN	20	0.00428	0.001477	unknown	ShapiroWilk
Selenium (mg/L)	MW-33R	No	n/a	n/a	NP (nrm)	NaN	22	0.004175	0.001557	unknown	ShapiroWilk
Selenium (mg/L)	MW-39	No	n/a	n/a	NP (nrm)	NaN	19	0.004134	0.001524	unknown	ShapiroWilk
Selenium (mg/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	0.004704	0.0008938	unknown	ShapiroWilk
Selenium (mg/L)	MW-51	n/a	n/a	n/a	NP (nrm)	NaN	20	0.004695	0.0009556	unknown	ShapiroWilk
Selenium (mg/L)	MW-52	n/a	n/a	n/a	NP (nrm)	NaN	20	0.004695	0.0009556	unknown	ShapiroWilk
Selenium (mg/L)	MW-53	n/a	n/a	n/a	NP (nrm)	NaN	19	0.004991	0.001582	unknown	ShapiroWilk
Selenium (mg/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	20	0.004994	0.002119	unknown	ShapiroWilk
Selenium (mg/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	22	0.004345	0.001421	unknown	ShapiroWilk

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/28/2026, 5:20 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Selenium (mg/L)	MW-56	n/a	n/a	n/a	NP (nrm)	NaN	21	0.003827	0.001719	unknown	ShapiroWilk
Selenium (mg/L)	MW-58	n/a	n/a	n/a	NP (nrm)	NaN	19	0.003813	0.0018	unknown	ShapiroWilk
Selenium (mg/L)	MW-57R	n/a	n/a	n/a	NP (nrm)	NaN	11	0.002629	0.001887	unknown	ShapiroWilk
Selenium (mg/L)	MW-73	n/a	n/a	n/a	NP (nrm)	NaN	11	0.005887	0.01041	unknown	ShapiroWilk
Silver (mg/L)	GU-3A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.008851	0.009771	unknown	ShapiroWilk
Silver (mg/L)	MW-14R	n/a	n/a	n/a	NP (nrm)	NaN	20	0.0104	0.009851	unknown	ShapiroWilk
Silver (mg/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	17	0.006471	0.009004	unknown	ShapiroWilk
Silver (mg/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	0.009545	0.00977	unknown	ShapiroWilk
Silver (mg/L)	MW-23 (bg)	No	n/a	n/a	NP (nrm)	NaN	17	0.008706	0.009742	unknown	ShapiroWilk
Silver (mg/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	15	0.0072	0.009371	unknown	ShapiroWilk
Silver (mg/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	0.009545	0.00977	unknown	ShapiroWilk
Silver (mg/L)	MW-29	n/a	n/a	n/a	NP (nrm)	NaN	19	0.008959	0.009696	unknown	ShapiroWilk
Silver (mg/L)	MW-30R	No	n/a	n/a	NP (nrm)	NaN	20	0.01035	0.0099	unknown	ShapiroWilk
Silver (mg/L)	MW-31R	No	n/a	n/a	NP (nrm)	NaN	20	0.01038	0.009874	unknown	ShapiroWilk
Silver (mg/L)	MW-32R	n/a	n/a	n/a	NP (nrm)	NaN	20	0.0104	0.009851	unknown	ShapiroWilk
Silver (mg/L)	MW-33R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.009545	0.00977	unknown	ShapiroWilk
Silver (mg/L)	MW-39	n/a	n/a	n/a	NP (nrm)	NaN	19	0.009497	0.009569	unknown	ShapiroWilk
Silver (mg/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	0.01095	0.009805	unknown	ShapiroWilk
Silver (mg/L)	MW-51	n/a	n/a	n/a	NP (nrm)	NaN	20	0.0114	0.009756	unknown	ShapiroWilk
Silver (mg/L)	MW-52	n/a	n/a	n/a	NP (nrm)	NaN	20	0.0114	0.009756	unknown	ShapiroWilk
Silver (mg/L)	MW-53	n/a	n/a	n/a	NP (nrm)	NaN	19	0.01095	0.009805	unknown	ShapiroWilk
Silver (mg/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	20	0.0114	0.009756	unknown	ShapiroWilk
Silver (mg/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	22	0.008682	0.009641	unknown	ShapiroWilk
Silver (mg/L)	MW-56	No	n/a	n/a	NP (nrm)	NaN	21	0.009006	0.009758	unknown	ShapiroWilk
Silver (mg/L)	MW-58	n/a	n/a	n/a	NP (nrm)	NaN	19	0.008985	0.009663	unknown	ShapiroWilk
Silver (mg/L)	MW-57R	n/a	n/a	n/a	NP (nrm)	NaN	11	0.00068	0.0002537	unknown	ShapiroWilk
Silver (mg/L)	MW-73	n/a	n/a	n/a	NP (nrm)	NaN	11	0.000...	0.000253	unknown	ShapiroWilk
Sulfide (mg/L)	MW-14R	No	n/a	n/a	NP (nrm)	NaN	5	0.7064	0.4349	unknown	ShapiroWilk
Sulfide (mg/L)	MW-18	n/a	n/a	n/a	NP (nrm)	NaN	12	1.845	2.64	unknown	ShapiroWilk
Sulfide (mg/L)	MW-23 (bg)	No	n/a	n/a	NP (nrm)	NaN	4	0.8423	0.3155	unknown	ShapiroWilk
Sulfide (mg/L)	MW-24R (bg)	No	n/a	n/a	NP (nrm)	NaN	4	1	0	unknown	ChiSquared
Sulfide (mg/L)	**MW-29**	**Yes**	**1.85,0....**	**7/24/2014...**	**NP (nrm)**	**NaN**	**12**	**0.9208**	**0.4155**	**unknown**	**ShapiroWilk**
Sulfide (mg/L)	MW-30R	No	n/a	n/a	EPA 1989	0.05	7	0.5013	0.3514	ln(x)	ChiSquared
Sulfide (mg/L)	MW-31R	No	n/a	n/a	EPA 1989	0.05	7	1.326	1.791	ln(x)	ChiSquared
Sulfide (mg/L)	MW-32R	n/a	n/a	n/a	NP (nrm)	NaN	7	0.7014	0.3793	unknown	ShapiroWilk
Sulfide (mg/L)	MW-55	No	n/a	n/a	EPA 1989	0.05	4	2.866	4.77	ln(x)	ChiSquared
Tetrachloroethene (ug/L)	GU-3A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.8905	0.2178	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-14R	n/a	n/a	n/a	NP (nrm)	NaN	23	0.9096	0.2015	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-18	n/a	n/a	n/a	NP (nrm)	NaN	17	0.8381	0.2609	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	0.9055	0.2053	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-23 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.74	0.278	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	0.792	0.2685	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	0.9055	0.2053	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-29	n/a	n/a	n/a	NP (nrm)	NaN	23	1.039	0.445	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-30R	n/a	n/a	n/a	NP (nrm)	NaN	24	0.9133	0.198	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	19	0.9179	0.1948	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-32R	n/a	n/a	n/a	NP (nrm)	NaN	19	0.9179	0.1948	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-33R	n/a	n/a	n/a	NP (nrm)	NaN	24	0.9133	0.198	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-39	n/a	n/a	n/a	NP (nrm)	NaN	19	0.8905	0.2178	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	0.9479	0.1561	unknown	ShapiroWilk

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/28/2026, 5:20 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Tetrachloroethene (ug/L)	MW-51	n/a	n/a	n/a	NP (nrm)	NaN	20	0.9334	0.2104	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-52	No	n/a	n/a	NP (nrm)	NaN	22	5.158	6.651	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-53	n/a	n/a	n/a	NP (nrm)	NaN	21	0.9752	0.1135	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	22	0.9764	0.1109	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	22	0.9055	0.2053	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-56	n/a	n/a	n/a	NP (nrm)	NaN	21	0.901	0.2092	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-58	n/a	n/a	n/a	NP (nrm)	NaN	22	0.9055	0.2053	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-68	n/a	n/a	n/a	NP (nrm)	NaN	14	1.493	2.46	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-69	n/a	n/a	n/a	NP (nrm)	NaN	14	0.756	0.2552	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-70	n/a	n/a	n/a	NP (nrm)	NaN	11	0.8109	0.2624	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	PZ-13	n/a	n/a	n/a	NP (nrm)	NaN	14	0.8514	0.2438	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-57R	n/a	n/a	n/a	NP (nrm)	NaN	11	0.6691	0.2624	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-73	n/a	n/a	n/a	NP (nrm)	NaN	11	0.6691	0.2624	unknown	ShapiroWilk
Thallium (mg/L)	GU-3A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.001242	0.0007139	unknown	ShapiroWilk
Thallium (mg/L)	MW-14R	n/a	n/a	n/a	NP (nrm)	NaN	20	0.001399	0.0006459	unknown	ShapiroWilk
Thallium (mg/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	17	0.001187	0.0005793	unknown	ShapiroWilk
Thallium (mg/L)	MW-19	No	n/a	n/a	NP (nrm)	NaN	22	0.001331	0.0006713	unknown	ShapiroWilk
Thallium (mg/L)	MW-23 (bg)	No	n/a	n/a	NP (nrm)	NaN	17	0.001292	0.0006447	unknown	ShapiroWilk
Thallium (mg/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	15	0.001198	0.0006276	unknown	ShapiroWilk
Thallium (mg/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	0.001376	0.0006104	unknown	ShapiroWilk
Thallium (mg/L)	MW-29	n/a	n/a	n/a	NP (nrm)	NaN	19	0.001367	0.0006474	unknown	ShapiroWilk
Thallium (mg/L)	MW-30R	n/a	n/a	n/a	NP (nrm)	NaN	20	0.001402	0.0006485	unknown	ShapiroWilk
Thallium (mg/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	20	0.001399	0.0006459	unknown	ShapiroWilk
Thallium (mg/L)	MW-32R	No	n/a	n/a	NP (nrm)	NaN	20	0.001381	0.0006619	unknown	ShapiroWilk
Thallium (mg/L)	MW-33R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.001362	0.0006255	unknown	ShapiroWilk
Thallium (mg/L)	MW-39	n/a	n/a	n/a	NP (nrm)	NaN	19	0.001367	0.0006474	unknown	ShapiroWilk
Thallium (mg/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	0.001621	0.0004894	unknown	ShapiroWilk
Thallium (mg/L)	MW-51	n/a	n/a	n/a	NP (nrm)	NaN	20	0.001563	0.0005716	unknown	ShapiroWilk
Thallium (mg/L)	MW-52	n/a	n/a	n/a	NP (nrm)	NaN	20	0.001563	0.0005716	unknown	ShapiroWilk
Thallium (mg/L)	MW-53	n/a	n/a	n/a	NP (nrm)	NaN	19	0.00154	0.0005777	unknown	ShapiroWilk
Thallium (mg/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	20	0.001563	0.0005716	unknown	ShapiroWilk
Thallium (mg/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	22	0.001317	0.0006131	unknown	ShapiroWilk
Thallium (mg/L)	MW-56	n/a	n/a	n/a	NP (nrm)	NaN	21	0.001406	0.0006111	unknown	ShapiroWilk
Thallium (mg/L)	MW-58	n/a	n/a	n/a	NP (nrm)	NaN	19	0.001367	0.0006474	unknown	ShapiroWilk
Thallium (mg/L)	MW-57R	No	n/a	n/a	EPA 1989	0.05	11	0.000...	0.0005817	normal	ChiSquared
Thallium (mg/L)	MW-73	No	n/a	n/a	EPA 1989	0.05	11	0.000...	0.0003194	ln(x)	ChiSquared
Tin (mg/L)	MW-18	No	n/a	n/a	EPA 1989	0.05	4	0.05183	0.05564	ln(x)	ChiSquared
Tin (mg/L)	MW-30R	No	n/a	n/a	NP (nrm)	NaN	8	0.08829	0.1519	unknown	ShapiroWilk
Tin (mg/L)	MW-33R	n/a	n/a	n/a	NP (nrm)	NaN	11	0.01615	0.03877	unknown	ShapiroWilk
Tin (mg/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	10	0.01783	0.04153	unknown	ShapiroWilk
Tin (mg/L)	MW-51	n/a	n/a	n/a	NP (nrm)	NaN	20	0.05922	0.05142	unknown	ShapiroWilk
Tin (mg/L)	MW-52	n/a	n/a	n/a	NP (nrm)	NaN	10	0.01853	0.04374	unknown	ShapiroWilk
Tin (mg/L)	MW-53	n/a	n/a	n/a	NP (nrm)	NaN	10	0.01963	0.04722	unknown	ShapiroWilk
Tin (mg/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	21	0.06097	0.05059	unknown	ShapiroWilk
Tin (mg/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	22	0.06491	0.08527	unknown	ShapiroWilk
Tin (mg/L)	MW-56	No	n/a	n/a	EPA 1989	0.05	7	0.03137	0.0469	ln(x)	ChiSquared
Tin (mg/L)	MW-58	No	n/a	n/a	EPA 1989	0.05	4	0.05183	0.05564	ln(x)	ChiSquared
Tin (mg/L)	MW-57R	No	n/a	n/a	NP (nrm)	NaN	8	0.003112	0.001187	unknown	ShapiroWilk
Toluene (ug/L)	GU-3A	n/a	n/a	n/a	NP (nrm)	NaN	19	1.433	1.928	unknown	ShapiroWilk
Toluene (ug/L)	MW-14R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8964	0.225	unknown	ShapiroWilk

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/28/2026, 5:20 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Toluene (ug/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	17	0.8659	0.2492	unknown	ShapiroWilk
Toluene (ug/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8964	0.225	unknown	ShapiroWilk
Toluene (ug/L)	MW-23 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.715	0.3047	unknown	ShapiroWilk
Toluene (ug/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	0.772	0.2943	unknown	ShapiroWilk
Toluene (ug/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8964	0.225	unknown	ShapiroWilk
Toluene (ug/L)	MW-29	n/a	n/a	n/a	NP (nrm)	NaN	21	0.7436	0.3413	unknown	ShapiroWilk
Toluene (ug/L)	MW-30R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8964	0.225	unknown	ShapiroWilk
Toluene (ug/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	17	0.8994	0.224	unknown	ShapiroWilk
Toluene (ug/L)	MW-32R	n/a	n/a	n/a	NP (nrm)	NaN	17	0.8994	0.224	unknown	ShapiroWilk
Toluene (ug/L)	MW-33R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8964	0.225	unknown	ShapiroWilk
Toluene (ug/L)	MW-39	n/a	n/a	n/a	NP (nrm)	NaN	19	0.88	0.2387	unknown	ShapiroWilk
Toluene (ug/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	0.97	0.1308	unknown	ShapiroWilk
Toluene (ug/L)	MW-51	n/a	n/a	n/a	NP (nrm)	NaN	20	0.9715	0.1275	unknown	ShapiroWilk
Toluene (ug/L)	MW-52	n/a	n/a	n/a	NP (nrm)	NaN	20	0.9715	0.1275	unknown	ShapiroWilk
Toluene (ug/L)	MW-53	No	n/a	n/a	EPA 1989	0.05	20	2.765	0.8604	normal	ChiSquared
Toluene (ug/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	20	0.9715	0.1275	unknown	ShapiroWilk
Toluene (ug/L)	MW-55	No	n/a	n/a	NP (nrm)	NaN	22	0.871	0.2435	unknown	ShapiroWilk
Toluene (ug/L)	MW-56	n/a	n/a	n/a	NP (nrm)	NaN	21	0.8914	0.2294	unknown	ShapiroWilk
Toluene (ug/L)	MW-58	n/a	n/a	n/a	NP (nrm)	NaN	21	0.94	0.3365	unknown	ShapiroWilk
Toluene (ug/L)	MW-68	n/a	n/a	n/a	NP (nrm)	NaN	6	0.62	0.2943	unknown	ShapiroWilk
Toluene (ug/L)	MW-69	n/a	n/a	n/a	NP (nrm)	NaN	6	0.62	0.2943	unknown	ShapiroWilk
Toluene (ug/L)	MW-70	n/a	n/a	n/a	NP (nrm)	NaN	6	0.62	0.2943	unknown	ShapiroWilk
Toluene (ug/L)	PZ-13	n/a	n/a	n/a	NP (nrm)	NaN	6	0.62	0.2943	unknown	ShapiroWilk
Toluene (ug/L)	MW-57R	n/a	n/a	n/a	NP (nrm)	NaN	11	0.6373	0.2876	unknown	ShapiroWilk
Toluene (ug/L)	MW-73	n/a	n/a	n/a	NP (nrm)	NaN	11	0.6373	0.2876	unknown	ShapiroWilk
Total Organic Carbon (mg/L)	MW-14R	No	n/a	n/a	EPA 1989	0.05	11	1.225	0.4202	normal	ChiSquared
Total Organic Carbon (mg/L)	MW-24R (bg)	No	n/a	n/a	Dixon`s	0.05	9	1.11	0.3631	normal	ChiSquared
Total Organic Carbon (mg/L)	MW-29	No	n/a	n/a	EPA 1989	0.05	12	11.81	5.367	normal	ChiSquared
Total Organic Carbon (mg/L)	MW-30R	No	n/a	n/a	EPA 1989	0.05	11	3.34	0.7212	normal	ChiSquared
Total Organic Carbon (mg/L)	MW-31R	No	n/a	n/a	NP (nrm)	NaN	12	3.875	0.5718	unknown	ShapiroWilk
Total Organic Carbon (mg/L)	MW-32R	No	n/a	n/a	EPA 1989	0.05	12	3.391	0.8356	normal	ChiSquared
Total Organic Carbon (mg/L)	MW-33R	No	n/a	n/a	NP (nrm)	NaN	12	1.853	0.455	unknown	ShapiroWilk
Total Organic Carbon (mg/L)	MW-70	No	n/a	n/a	EPA 1989	0.05	14	1.526	0.7372	normal	ChiSquared
Total Organic Carbon (mg/L)	MW-57R	No	n/a	n/a	EPA 1989	0.05	11	6.246	2.959	ln(x)	ChiSquared
Total Organic Carbon (mg/L)	MW-73	No	n/a	n/a	EPA 1989	0.05	11	5.086	0.6704	normal	ChiSquared
Total Suspended Solids (mg/L)	GU-3A	No	n/a	n/a	EPA 1989	0.05	12	385.5	545.6	ln(x)	ChiSquared
Total Suspended Solids (mg/L)	MW-14R	No	n/a	n/a	EPA 1989	0.05	15	7.122	8.847	ln(x)	ChiSquared
Total Suspended Solids (mg/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	15	6.558	9.216	unknown	ShapiroWilk
Total Suspended Solids (mg/L)	**MW-19**	**Yes**	**19.9**	**2/15/2016**	**Dixon`s**	**0.05**	**14**	**3.68**	**4.923**	**normal**	**ChiSquared**
Total Suspended Solids (mg/L)	MW-23 (bg)	No	n/a	n/a	EPA 1989	0.05	12	2.199	1.253	normal	ChiSquared
Total Suspended Solids (mg/L)	MW-24R (bg)	No	n/a	n/a	EPA 1989	0.05	12	4.171	4.572	ln(x)	ChiSquared
Total Suspended Solids (mg/L)	MW-28	No	n/a	n/a	EPA 1989	0.05	14	5.948	3.317	ln(x)	ChiSquared
Total Suspended Solids (mg/L)	MW-29	No	n/a	n/a	EPA 1989	0.05	15	22.67	12.68	normal	ChiSquared
Total Suspended Solids (mg/L)	MW-30R	No	n/a	n/a	Dixon`s	0.05	16	135.2	308.3	ln(x)	ChiSquared
Total Suspended Solids (mg/L)	**MW-31R**	**Yes**	**153,1470**	**10/8/2024...**	**Dixon`s**	**0.05**	**15**	**139.8**	**369.4**	**ln(x)**	**ChiSquared**
Total Suspended Solids (mg/L)	**MW-32R**	**Yes**	**770**	**2/15/2016**	**Dixon`s**	**0.05**	**15**	**104.3**	**185.9**	**normal**	**ChiSquared**
Total Suspended Solids (mg/L)	**MW-33R**	**Yes**	**1920**	**2/15/2016**	**Dixon`s**	**0.05**	**15**	**200.5**	**478.8**	**normal**	**ChiSquared**
Total Suspended Solids (mg/L)	MW-39	No	n/a	n/a	EPA 1989	0.05	14	6.425	10.1	ln(x)	ChiSquared
Total Suspended Solids (mg/L)	**MW-50**	**Yes**	**183**	**9/19/2023**	**Dixon`s**	**0.05**	**10**	**28.6**	**54.42**	**normal**	**ChiSquared**
Total Suspended Solids (mg/L)	MW-51	No	n/a	n/a	EPA 1989	0.05	10	6.263	2.986	normal	ChiSquared

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/28/2026, 5:20 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Total Suspended Solids (mg/L)	MW-52	No	n/a	n/a	EPA 1989	0.05	12	108.3	68.25	ln(x)	ChiSquared
Total Suspended Solids (mg/L)	MW-53	No	n/a	n/a	EPA 1989	0.05	12	13.7	6.462	normal	ChiSquared
Total Suspended Solids (mg/L)	MW-54	No	n/a	n/a	EPA 1989	0.05	12	59.48	18.7	normal	ChiSquared
Total Suspended Solids (mg/L)	MW-55	No	n/a	n/a	EPA 1989	0.05	14	4.608	3.918	normal	ChiSquared
Total Suspended Solids (mg/L)	MW-56	No	n/a	n/a	EPA 1989	0.05	13	43.76	65.31	ln(x)	ChiSquared
Total Suspended Solids (mg/L)	MW-58	No	n/a	n/a	NP (nrm)	NaN	12	281.9	486.9	unknown	ShapiroWilk
Total Suspended Solids (mg/L)	**MW-60**	**Yes**	**26.7**	**7/10/2017**	**Dixon`s**	**0.05**	**11**	**5.126**	**7.361**	**normal**	**ChiSquared**
Total Suspended Solids (mg/L)	MW-62	No	n/a	n/a	EPA 1989	0.05	9	4.647	2.447	normal	ChiSquared
Total Suspended Solids (mg/L)	MW-68	No	n/a	n/a	EPA 1989	0.05	11	12.29	11.18	ln(x)	ChiSquared
Total Suspended Solids (mg/L)	MW-69	No	n/a	n/a	Dixon`s	0.05	11	15.22	7.212	normal	ChiSquared
Total Suspended Solids (mg/L)	MW-70	No	n/a	n/a	Dixon`s	0.05	14	7.607	16.5	ln(x)	ChiSquared
Total Suspended Solids (mg/L)	PZ-13	No	n/a	n/a	EPA 1989	0.05	14	2.059	1.379	ln(x)	ChiSquared
Total Suspended Solids (mg/L)	**SW-101**	**Yes**	**77,398**	**4/18/2022...**	**Dixon`s**	**0.05**	**9**	**63.2**	**127.4**	**normal**	**ChiSquared**
Total Suspended Solids (mg/L)	**SW-102**	**Yes**	**1490**	**4/3/2018**	**Dixon`s**	**0.05**	**8**	**200.4**	**521.2**	**normal**	**ChiSquared**
Total Suspended Solids (mg/L)	**SW-103**	**Yes**	**3900**	**9/21/2023**	**Dixon`s**	**0.05**	**9**	**465**	**1289**	**ln(x)**	**ChiSquared**
Total Suspended Solids (mg/L)	SW-106	No	n/a	n/a	EPA 1989	0.05	9	201.9	407.8	ln(x)	ChiSquared
Total Suspended Solids (mg/L)	SW-107	No	n/a	n/a	EPA 1989	0.05	8	15.92	7.946	normal	ChiSquared
Total Suspended Solids (mg/L)	MW-57R	No	n/a	n/a	Dixon`s	0.05	11	59.58	43.91	normal	ChiSquared
Total Suspended Solids (mg/L)	MW-73	No	n/a	n/a	EPA 1989	0.05	11	70.17	87.16	ln(x)	ChiSquared
trans-1,2-Dichloroethene (ug/L)	GU-3A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.8537	0.2925	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-14R	n/a	n/a	n/a	NP (nrm)	NaN	23	0.898	0.2508	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	17	0.8365	0.3054	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8736	0.2756	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-23 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.6525	0.3743	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	0.722	0.3612	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8736	0.2756	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-29	No	n/a	n/a	Rosner`s	0.01	23	1.023	0.318	normal	ChiSquared
trans-1,2-Dichloroethene (ug/L)	**MW-30R**	**Yes**	**0.27**	**4/29/2025**	**Rosner`s**	**0.01**	**24**	**1.871**	**0.5364**	**normal**	**ChiSquared**
trans-1,2-Dichloroethene (ug/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	19	0.8921	0.2574	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-32R	n/a	n/a	n/a	NP (nrm)	NaN	19	0.8921	0.2574	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-33R	n/a	n/a	n/a	NP (nrm)	NaN	24	0.8842	0.2658	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-39	n/a	n/a	n/a	NP (nrm)	NaN	19	0.8537	0.2925	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	0.9616	0.1675	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-51	n/a	n/a	n/a	NP (nrm)	NaN	20	0.9635	0.1632	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-52	n/a	n/a	n/a	NP (nrm)	NaN	22	0.9668	0.1556	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-53	n/a	n/a	n/a	NP (nrm)	NaN	21	0.857	0.3023	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	22	0.9668	0.1556	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8736	0.2756	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-56	No	n/a	n/a	NP (nrm)	NaN	21	0.6946	0.3168	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-58	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8736	0.2756	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	**MW-68**	**Yes**	**5.25**	**9/13/2019**	**Dixon`s**	**0.05**	**13**	**0.8642**	**1.339**	**normal**	**ChiSquared**
trans-1,2-Dichloroethene (ug/L)	MW-69	No	n/a	n/a	NP (nrm)	NaN	13	0.4745	0.3035	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-70	n/a	n/a	n/a	NP (nrm)	NaN	10	0.722	0.3612	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	PZ-13	No	n/a	n/a	NP (nrm)	NaN	13	0.7862	0.3357	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-57R	No	n/a	n/a	EPA 1989	0.05	11	0.8529	0.5095	normal	ChiSquared
trans-1,2-Dichloroethene (ug/L)	MW-73	No	n/a	n/a	NP (nrm)	NaN	11	0.4894	0.3191	unknown	ShapiroWilk
Trichloroethene (ug/L)	GU-3A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.8758	0.2477	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-14R	No	n/a	n/a	NP (nrm)	NaN	23	2.959	3.111	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	17	0.8612	0.2586	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8927	0.2334	unknown	ShapiroWilk

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/28/2026, 5:20 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Trichloroethene (ug/L)	MW-23 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.705	0.3165	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	0.764	0.3055	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8927	0.2334	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-29	No	n/a	n/a	EPA 1989	0.05	23	3.737	2.002	normal	ChiSquared
Trichloroethene (ug/L)	MW-30R	No	n/a	n/a	Rosner`s	0.01	24	2.932	0.761	normal	ChiSquared
Trichloroethene (ug/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	19	0.9058	0.2241	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-32R	n/a	n/a	n/a	NP (nrm)	NaN	19	0.9058	0.2241	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-33R	n/a	n/a	n/a	NP (nrm)	NaN	24	0.9017	0.2251	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-39	n/a	n/a	n/a	NP (nrm)	NaN	19	0.8758	0.2477	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	0.97	0.1308	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-51	No	n/a	n/a	NP (nrm)	NaN	20	0.8779	0.189	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-52	No	n/a	n/a	NP (nrm)	NaN	22	0.9766	0.3357	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-53	No	n/a	n/a	NP (nrm)	NaN	21	0.7713	0.3063	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	22	0.9741	0.1215	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8927	0.2334	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-56	n/a	n/a	n/a	NP (nrm)	NaN	21	0.8876	0.2379	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-58	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8927	0.2334	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-68	No	n/a	n/a	NP (nrm)	NaN	14	1.379	2.517	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-69	No	n/a	n/a	NP (nrm)	NaN	14	0.8869	0.4334	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-70	n/a	n/a	n/a	NP (nrm)	NaN	11	0.7855	0.2985	unknown	ShapiroWilk
Trichloroethene (ug/L)	PZ-13	No	n/a	n/a	NP (nrm)	NaN	14	0.6611	0.3088	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-57R	No	n/a	n/a	NP (nrm)	NaN	11	1.235	0.8161	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-73	n/a	n/a	n/a	NP (nrm)	NaN	11	0.63	0.2943	unknown	ShapiroWilk
Vanadium (mg/L)	GU-3A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.02042	0.02204	unknown	ShapiroWilk
Vanadium (mg/L)	MW-14R	No	n/a	n/a	NP (nrm)	NaN	20	0.0243	0.02388	unknown	ShapiroWilk
Vanadium (mg/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	17	0.01739	0.02175	unknown	ShapiroWilk
Vanadium (mg/L)	MW-19	No	n/a	n/a	NP (nrm)	NaN	22	0.02461	0.02376	unknown	ShapiroWilk
Vanadium (mg/L)	MW-23 (bg)	No	n/a	n/a	NP (nrm)	NaN	17	0.02214	0.02408	unknown	ShapiroWilk
Vanadium (mg/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	15	0.01776	0.02362	unknown	ShapiroWilk
Vanadium (mg/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	0.0248	0.02358	unknown	ShapiroWilk
Vanadium (mg/L)	MW-29	n/a	n/a	n/a	NP (nrm)	NaN	19	0.02533	0.02409	unknown	ShapiroWilk
Vanadium (mg/L)	MW-30R	No	n/a	n/a	NP (nrm)	NaN	20	0.0201	0.02263	unknown	ShapiroWilk
Vanadium (mg/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	20	0.02511	0.02373	unknown	ShapiroWilk
Vanadium (mg/L)	MW-32R	No	n/a	n/a	NP (nrm)	NaN	20	0.02392	0.02422	unknown	ShapiroWilk
Vanadium (mg/L)	MW-33R	No	n/a	n/a	NP (nrm)	NaN	22	0.02001	0.02542	unknown	ShapiroWilk
Vanadium (mg/L)	MW-39	n/a	n/a	n/a	NP (nrm)	NaN	19	0.0229	0.02379	unknown	ShapiroWilk
Vanadium (mg/L)	MW-50	No	n/a	n/a	NP (nrm)	NaN	19	0.0273	0.02461	unknown	ShapiroWilk
Vanadium (mg/L)	MW-51	n/a	n/a	n/a	NP (nrm)	NaN	20	0.02932	0.02349	unknown	ShapiroWilk
Vanadium (mg/L)	MW-52	n/a	n/a	n/a	NP (nrm)	NaN	20	0.03426	0.03276	unknown	ShapiroWilk
Vanadium (mg/L)	MW-53	n/a	n/a	n/a	NP (nrm)	NaN	19	0.02799	0.02388	unknown	ShapiroWilk
Vanadium (mg/L)	MW-54	No	n/a	n/a	NP (nrm)	NaN	20	0.02654	0.02412	unknown	ShapiroWilk
Vanadium (mg/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	22	0.02275	0.02324	unknown	ShapiroWilk
Vanadium (mg/L)	MW-56	n/a	n/a	n/a	NP (nrm)	NaN	21	0.02313	0.02388	unknown	ShapiroWilk
Vanadium (mg/L)	MW-58	n/a	n/a	n/a	NP (nrm)	NaN	19	0.02329	0.02351	unknown	ShapiroWilk
Vanadium (mg/L)	**MW-57R**	**Yes**	**0.00466...**	**3/19/2026...**	**Dixon`s**	**0.05**	**11**	**0.003066**	**0.001752**	**normal**	**ChiSquared**
Vanadium (mg/L)	MW-73	No	n/a	n/a	NP (nrm)	NaN	11	0.003153	0.003121	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	GU-3A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.9984	0.7938	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-14R	n/a	n/a	n/a	NP (nrm)	NaN	23	1.154	0.9783	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	17	0.8218	0.3356	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8623	0.3027	unknown	ShapiroWilk

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/28/2026, 5:20 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Vinyl Chloride (ug/L)	MW-23 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.6213	0.4131	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	0.697	0.3978	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8623	0.3027	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-29	No	n/a	n/a	EPA 1989	0.05	23	3.721	1.019	normal	ChiSquared
Vinyl Chloride (ug/L)	MW-30R	No	n/a	n/a	Rosner`s	0.01	24	7.198	2.003	normal	ChiSquared
Vinyl Chloride (ug/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	19	0.8837	0.2801	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-32R	n/a	n/a	n/a	NP (nrm)	NaN	19	0.8837	0.2801	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-33R	n/a	n/a	n/a	NP (nrm)	NaN	24	0.8738	0.2919	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-39	n/a	n/a	n/a	NP (nrm)	NaN	19	0.8405	0.3214	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	1.115	0.7235	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-51	n/a	n/a	n/a	NP (nrm)	NaN	20	1.109	0.7047	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-52	n/a	n/a	n/a	NP (nrm)	NaN	22	1.099	0.671	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-53	No	n/a	n/a	Dixon`s	0.05	22	3.628	1.909	normal	ChiSquared
Vinyl Chloride (ug/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	22	1.099	0.671	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	22	0.8623	0.3027	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-56	n/a	n/a	n/a	NP (nrm)	NaN	21	0.8557	0.3086	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-58	n/a	n/a	n/a	NP (nrm)	NaN	22	0.9986	0.7349	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	**MW-68**	**Yes**	**3.34**	**9/13/2019**	**Dixon`s**	**0.05**	**14**	**0.7053**	**0.7989**	**normal**	**ChiSquared**
Vinyl Chloride (ug/L)	MW-69	No	n/a	n/a	EPA 1989	0.05	14	1.323	0.9451	ln(x)	ChiSquared
Vinyl Chloride (ug/L)	MW-70	n/a	n/a	n/a	NP (nrm)	NaN	11	0.7245	0.3883	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	PZ-13	No	n/a	n/a	NP (nrm)	NaN	14	0.7836	0.3602	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-57R	No	n/a	n/a	EPA 1989	0.05	11	0.8674	0.5878	normal	ChiSquared
Vinyl Chloride (ug/L)	MW-73	No	n/a	n/a	NP (nrm)	NaN	11	0.6388	1.107	unknown	ShapiroWilk
Xylenes, total (ug/L)	GU-3A	No	n/a	n/a	NP (nrm)	NaN	19	6.068	12.65	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-14R	n/a	n/a	n/a	NP (nrm)	NaN	22	2.559	0.9664	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	17	2.429	1.071	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-19	n/a	n/a	n/a	NP (nrm)	NaN	22	2.559	0.9664	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-23 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	1.788	1.316	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-24R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	2.03	1.268	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-28	n/a	n/a	n/a	NP (nrm)	NaN	22	2.695	1.212	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-29	n/a	n/a	n/a	NP (nrm)	NaN	21	2.538	0.9851	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-30R	n/a	n/a	n/a	NP (nrm)	NaN	22	2.559	0.9664	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	17	2.582	0.9409	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-32R	n/a	n/a	n/a	NP (nrm)	NaN	17	3.112	2.474	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-33R	n/a	n/a	n/a	NP (nrm)	NaN	22	2.65	1.095	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-39	n/a	n/a	n/a	NP (nrm)	NaN	19	2.489	1.026	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	2.863	0.5965	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-51	n/a	n/a	n/a	NP (nrm)	NaN	20	3.02	0.9105	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-52	n/a	n/a	n/a	NP (nrm)	NaN	20	2.87	0.5814	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-53	No	n/a	n/a	Dixon`s	0.05	20	76.92	21.83	normal	ChiSquared
Xylenes, total (ug/L)	MW-54	n/a	n/a	n/a	NP (nrm)	NaN	20	2.87	0.5814	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-55	n/a	n/a	n/a	NP (nrm)	NaN	22	2.559	0.9664	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-56	n/a	n/a	n/a	NP (nrm)	NaN	21	2.538	0.9851	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-58	n/a	n/a	n/a	NP (nrm)	NaN	21	2.681	1.24	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-68	No	n/a	n/a	EPA 1989	0.05	6	1.383	1.281	normal	ChiSquared
Xylenes, total (ug/L)	MW-69	No	n/a	n/a	EPA 1989	0.05	6	1.383	1.281	normal	ChiSquared
Xylenes, total (ug/L)	MW-70	No	n/a	n/a	EPA 1989	0.05	6	1.383	1.281	normal	ChiSquared
Xylenes, total (ug/L)	PZ-13	No	n/a	n/a	EPA 1989	0.05	6	1.383	1.281	normal	ChiSquared
Xylenes, total (ug/L)	MW-57R	n/a	n/a	n/a	NP (nrm)	NaN	11	1.409	1.278	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-73	n/a	n/a	n/a	NP (nrm)	NaN	11	1.409	1.278	unknown	ShapiroWilk

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/28/2026, 5:20 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Zinc (mg/L)	GU-3A	No	n/a	n/a	EPA 1989	0.05	19	0.1909	0.4327	ln(x)	ChiSquared
Zinc (mg/L)	MW-14R	n/a	n/a	n/a	NP (nrm)	NaN	23	0.0213	0.00989	unknown	ShapiroWilk
Zinc (mg/L)	MW-18	No	n/a	n/a	NP (nrm)	NaN	17	0.02169	0.0213	unknown	ShapiroWilk
Zinc (mg/L)	MW-19	No	n/a	n/a	NP (nrm)	NaN	22	0.02395	0.02008	unknown	ShapiroWilk
Zinc (mg/L)	MW-23 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	19	0.01811	0.01007	unknown	ShapiroWilk
Zinc (mg/L)	MW-24R (bg)	No	n/a	n/a	EPA 1989	0.05	18	0.01896	0.009834	normal	ChiSquared
Zinc (mg/L)	MW-28	No	n/a	n/a	NP (nrm)	NaN	22	0.02084	0.01424	unknown	ShapiroWilk
Zinc (mg/L)	MW-29	No	n/a	n/a	NP (nrm)	NaN	21	0.03788	0.04416	unknown	ShapiroWilk
Zinc (mg/L)	MW-30R	No	n/a	n/a	NP (nrm)	NaN	22	0.02747	0.02799	unknown	ShapiroWilk
Zinc (mg/L)	MW-31R	n/a	n/a	n/a	NP (nrm)	NaN	22	0.02208	0.01841	unknown	ShapiroWilk
Zinc (mg/L)	MW-32R	No	n/a	n/a	EPA 1989	0.05	22	0.02699	0.02077	ln(x)	ChiSquared
Zinc (mg/L)	**MW-33R**	**Yes**	**0.119**	**12/15/2010**	**NP (nrm)**	**NaN**	**22**	**0.02665**	**0.02503**	**unknown**	**ShapiroWilk**
Zinc (mg/L)	MW-39	No	n/a	n/a	NP (nrm)	NaN	21	0.029	0.03024	unknown	ShapiroWilk
Zinc (mg/L)	MW-50	n/a	n/a	n/a	NP (nrm)	NaN	19	0.02096	0.01255	unknown	ShapiroWilk
Zinc (mg/L)	MW-51	No	n/a	n/a	NP (nrm)	NaN	20	0.02869	0.02091	unknown	ShapiroWilk
Zinc (mg/L)	**MW-52**	**Yes**	**0.122,0...**	**12/15/201...**	**NP (nrm)**	**NaN**	**21**	**0.03229**	**0.03146**	**unknown**	**ShapiroWilk**
Zinc (mg/L)	MW-53	No	n/a	n/a	NP (nrm)	NaN	20	0.02739	0.02189	unknown	ShapiroWilk
Zinc (mg/L)	MW-54	No	n/a	n/a	NP (nrm)	NaN	21	0.03441	0.02972	unknown	ShapiroWilk
Zinc (mg/L)	MW-55	No	n/a	n/a	NP (nrm)	NaN	23	0.02726	0.02266	unknown	ShapiroWilk
Zinc (mg/L)	MW-56	No	n/a	n/a	EPA 1989	0.05	21	0.02833	0.03008	ln(x)	ChiSquared
Zinc (mg/L)	MW-58	No	n/a	n/a	NP (nrm)	NaN	21	0.03541	0.03382	unknown	ShapiroWilk
Zinc (mg/L)	MW-57R	No	n/a	n/a	NP (nrm)	NaN	11	0.01578	0.004858	unknown	ShapiroWilk
Zinc (mg/L)	MW-73	No	n/a	n/a	EPA 1989	0.05	11	0.01824	0.007518	normal	ChiSquared

This page intentionally left blank.

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	MW-68 1,1-Dichloroethene (ug/L)	GU-3A 1,2-Dichloroethane (ug/L)	MW-50 1,2-Dichloroethane (ug/L)	MW-51 1,2-Dichloroethane (ug/L)	MW-52 1,2-Dichloroethane (ug/L)	MW-53 1,2-Dichloroethane (ug/L)	MW-54 1,2-Dichloroethane (ug/L)	MW-55 1,2-Dichloroethane (ug/L)	MW-58 1,2-Dichloroethane (ug/L)	MW-68 1,2-Dichloroethane (ug/L)
1/15/2010										
2/11/2010										
3/24/2010										
4/9/2010										
5/18/2010										
7/21/2010										
8/17/2010										
9/17/2010										
10/22/2010										
12/15/2010										
1/12/2011										
2/22/2011										
3/2/2011										
4/21/2011										
8/29/2011										
9/9/2011										
12/16/2011										
3/8/2012										
6/13/2012										
9/4/2012		<2 (o)	<2 (o)	<2 (o)	<2 (o)	<2 (o)	<2 (oD)		<2 (o)	
12/19/2012										
3/11/2013										
6/10/2013										
9/10/2013										
12/18/2013										
3/20/2014										
6/24/2014								2.07 (o)		
7/24/2014										
9/24/2014										
12/4/2014										
3/11/2015										
6/30/2015										
9/22/2015										
2/15/2016										
2/16/2016										
8/25/2016										
1/17/2017										
7/10/2017										
4/3/2018										
11/2/2018										
5/16/2019										
9/11/2019										
9/13/2019	<20 (*o)									<10 (o)
3/16/2020										
3/17/2020										
7/21/2020										
8/26/2021										
9/8/2021										
12/7/2021										
4/18/2022										

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	MW-68 1,1-Dichloroethene (ug/L)	GU-3A 1,2-Dichloroethane (ug/L)	MW-50 1,2-Dichloroethane (ug/L)	MW-51 1,2-Dichloroethane (ug/L)	MW-52 1,2-Dichloroethane (ug/L)	MW-53 1,2-Dichloroethane (ug/L)	MW-54 1,2-Dichloroethane (ug/L)	MW-55 1,2-Dichloroethane (ug/L)	MW-58 1,2-Dichloroethane (ug/L)	MW-68 1,2-Dichloroethane (ug/L)
9/19/2023										
9/21/2023										
10/7/2024										
10/8/2024										
10/10/2024										
4/29/2025										

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	GU-3A 1,4-Dichlorobenzene (ug/L)	MW-29 1,4-Dichlorobenzene (ug/L)	GU-3A 2-Butanone [MEK] (ug/L)	MW-18 4,4`-DDD (ug/L)	MW-58 4,4`-DDD (ug/L)	MW-18 4,4`-DDE (ug/L)	GU-3A Acetone (ug/L)	MW-31R Acetone (ug/L)	MW-33R Acetone (ug/L)	MW-39 Acetone (ug/L)
1/15/2010										
2/11/2010										
3/24/2010										
4/9/2010										
5/18/2010										
7/21/2010										
8/17/2010										
9/17/2010	4.5 (o)		207 (o)				43.5 (o)			
10/22/2010										
12/15/2010										
1/12/2011										
2/22/2011										
3/2/2011										
4/21/2011										
8/29/2011										
9/9/2011										
12/16/2011								<20 (o)	<20 (o)	
3/8/2012										
6/13/2012										
9/4/2012										
12/19/2012										
3/11/2013										
6/10/2013										
9/10/2013										
12/18/2013				<1.67 (o)		<1.67 (o)				
3/20/2014										
6/24/2014										111 (o)
7/24/2014										
9/24/2014		<1 (o)								
12/4/2014										
3/11/2015										
6/30/2015										
9/22/2015										
2/15/2016										
2/16/2016										
8/25/2016										
1/17/2017										
7/10/2017										
4/3/2018										
11/2/2018										
5/16/2019										
9/11/2019					0.00212 (JPo)					
9/13/2019										
3/16/2020										
3/17/2020										
7/21/2020										
8/26/2021										
9/8/2021										
12/7/2021										
4/18/2022										

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	GU-3A 1,4-Dichlorobenzene (ug/L)	MW-29 1,4-Dichlorobenzene (ug/L)	GU-3A 2-Butanone [MEK] (ug/L)	MW-18 4,4`-DDD (ug/L)	MW-58 4,4`-DDD (ug/L)	MW-18 4,4`-DDE (ug/L)	GU-3A Acetone (ug/L)	MW-31R Acetone (ug/L)	MW-33R Acetone (ug/L)	MW-39 Acetone (ug/L)
9/19/2023										
9/21/2023										
10/7/2024										
10/8/2024										
10/10/2024										
4/29/2025										

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	MW-54 Acetone (ug/L)	MW-55 Acetone (ug/L)	MW-58 Acetone (ug/L)	MW-18 Aldrin (ug/L)	MW-18 Alpha-BHC (ug/L)	GU-3A Antimony (mg/L)	MW-53 Antimony (mg/L)	MW-73 Antimony (mg/L)	MW-28 Arsenic (mg/L)	MW-32R Arsenic (mg/L)
1/15/2010										
2/11/2010										
3/24/2010										
4/9/2010										
5/18/2010										0.0171 (o)
7/21/2010										
8/17/2010										
9/17/2010										
10/22/2010										
12/15/2010										
1/12/2011										
2/22/2011										
3/2/2011										
4/21/2011										
8/29/2011										
9/9/2011										
12/16/2011										
3/8/2012										
6/13/2012						<0.018 (o)	<0.018 (o)			
9/4/2012							<0.012 (o)			
12/19/2012									0.0389 (o)	
3/11/2013										
6/10/2013										
9/10/2013										
12/18/2013				<1.67 (o)	<1.67 (o)					
3/20/2014										
6/24/2014	105 (o)	98.7 (o)	51.5 (o)							
7/24/2014										
9/24/2014										
12/4/2014										
3/11/2015										
6/30/2015										
9/22/2015										
2/15/2016										
2/16/2016										
8/25/2016									0.0266 (o)	
1/17/2017										
7/10/2017										
4/3/2018										
11/2/2018										
5/16/2019										
9/11/2019										
9/13/2019										
3/16/2020										
3/17/2020										
7/21/2020										
8/26/2021										
9/8/2021										
12/7/2021										
4/18/2022										

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	MW-54 Acetone (ug/L)	MW-55 Acetone (ug/L)	MW-58 Acetone (ug/L)	MW-18 Aldrin (ug/L)	MW-18 Alpha-BHC (ug/L)	GU-3A Antimony (mg/L)	MW-53 Antimony (mg/L)	MW-73 Antimony (mg/L)	MW-28 Arsenic (mg/L)	MW-32R Arsenic (mg/L)
9/19/2023										
9/21/2023										
10/7/2024										
10/8/2024										
10/10/2024										
4/29/2025								0.0202 (o)		

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	MW-39 Arsenic (mg/L)	SW-103 Arsenic (mg/L)	MW-73 Arsenic (mg/L)	GU-3A Barium (mg/L)	MW-19 Barium (mg/L)	MW-28 Barium (mg/L)	MW-32R Barium (mg/L)	MW-39 Barium (mg/L)	MW-50 Barium (mg/L)	MW-58 Barium (mg/L)
1/15/2010										
2/11/2010										
3/24/2010										
4/9/2010										0.386 (o)
5/18/2010							1.62 (o)			
7/21/2010										
8/17/2010										
9/17/2010										
10/22/2010									0.347 (o)	
12/15/2010										
1/12/2011										
2/22/2011										
3/2/2011										
4/21/2011							1.57 (o)			
8/29/2011							0.925 (o)			
9/9/2011										
12/16/2011										
3/8/2012										
6/13/2012										
9/4/2012										
12/19/2012						0.168 (o)				
3/11/2013										
6/10/2013							1.01 (o)			
9/10/2013										
12/18/2013										
3/20/2014										
6/24/2014										
7/24/2014										
9/24/2014										
12/4/2014	0.000213 (Jo)									
3/11/2015										
6/30/2015										
9/22/2015										
2/15/2016										
2/16/2016										
8/25/2016										
1/17/2017										
7/10/2017										
4/3/2018				1.77 (oD)						
11/2/2018										
5/16/2019										
9/11/2019										
9/13/2019										
3/16/2020				1.92 (o)						
3/17/2020										
7/21/2020										
8/26/2021										
9/8/2021										
12/7/2021										
4/18/2022										

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	MW-39 Arsenic (mg/L)	SW-103 Arsenic (mg/L)	MW-73 Arsenic (mg/L)	GU-3A Barium (mg/L)	MW-19 Barium (mg/L)	MW-28 Barium (mg/L)	MW-32R Barium (mg/L)	MW-39 Barium (mg/L)	MW-50 Barium (mg/L)	MW-58 Barium (mg/L)
9/19/2023					<0.00064 (o)					
9/21/2023		0.0131 (o)								
10/7/2024										
10/8/2024								0.143 (o)		
10/10/2024										
4/29/2025			0.0234 (o)							

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	GU-3A Benzene (ug/L)	MW-58 Benzene (ug/L)	MW-29 Beryllium (mg/L)	MW-30R Beryllium (mg/L)	MW-33R Beryllium (mg/L)	MW-73 Beryllium (mg/L)	MW-18 Beta-BHC (ug/L)	GU-3A Cadmium (mg/L)	MW-23 Cadmium (mg/L)	MW-52 Cadmium (mg/L)
1/15/2010										
2/11/2010										
3/24/2010										
4/9/2010		<0.5 (o)								
5/18/2010										
7/21/2010										
8/17/2010										
9/17/2010	1.3 (o)									
10/22/2010										
12/15/2010					0.00186 (o)					0.00309 (o)
1/12/2011										
2/22/2011										0.00255 (o)
3/2/2011										
4/21/2011			<0.015 (o)	<0.015 (o)						
8/29/2011										
9/9/2011										
12/16/2011										
3/8/2012										
6/13/2012										
9/4/2012										
12/19/2012										
3/11/2013										
6/10/2013										
9/10/2013									0.000464 (J,o)	
12/18/2013							<1.67 (o)			
3/20/2014									0.000184 (J,o)	
6/24/2014										
7/24/2014										
9/24/2014	1.21 (o)								0.000125 (J,o)	
12/4/2014		1.28 (o)								
3/11/2015									0.000143 (J,o)	
6/30/2015										
9/22/2015										
2/15/2016										
2/16/2016										
8/25/2016										
1/17/2017									4E-05 (J,o)	
7/10/2017										
4/3/2018								0.003225 (oD)		
11/2/2018										
5/16/2019									0.000108 (J,o)	
9/11/2019										
9/13/2019										
3/16/2020										
3/17/2020										
7/21/2020										
8/26/2021										
9/8/2021										
12/7/2021										
4/18/2022										

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	GU-3A Benzene (ug/L)	MW-58 Benzene (ug/L)	MW-29 Beryllium (mg/L)	MW-30R Beryllium (mg/L)	MW-33R Beryllium (mg/L)	MW-73 Beryllium (mg/L)	MW-18 Beta-BHC (ug/L)	GU-3A Cadmium (mg/L)	MW-23 Cadmium (mg/L)	MW-52 Cadmium (mg/L)
9/19/2023										
9/21/2023										
10/7/2024										
10/8/2024										
10/10/2024										
4/29/2025						0.00927 (o)				

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	MW-73 Cadmium (mg/L)	GU-3A Carbon Disulfide (ug/L)	MW-29 Carbon Disulfide (ug/L)	MW-50 Carbon Disulfide (ug/L)	MW-55 Carbon Disulfide (ug/L)	MW-56 Carbon Disulfide (ug/L)	SW-103 Chemical Oxygen Demand (mg/L)	SW-101 Chloride (mg/L)	SW-102 Chloride (mg/L)	SW-103 Chloride (mg/L)
1/15/2010										
2/11/2010										
3/24/2010										
4/9/2010				<10 (o)		<10 (o)				
5/18/2010										
7/21/2010										
8/17/2010			<4 (o)							
9/17/2010		<10 (o)			<10 (o)					
10/22/2010										
12/15/2010										
1/12/2011										
2/22/2011										
3/2/2011										
4/21/2011										
8/29/2011										
9/9/2011										
12/16/2011										
3/8/2012										
6/13/2012										
9/4/2012										
12/19/2012										
3/11/2013										
6/10/2013										
9/10/2013										
12/18/2013										
3/20/2014										
6/24/2014										
7/24/2014										
9/24/2014										
12/4/2014										
3/11/2015										
6/30/2015										
9/22/2015										
2/15/2016										
2/16/2016										
8/25/2016										
1/17/2017										
7/10/2017			0.197 (Jo)							
4/3/2018										
11/2/2018										
5/16/2019										
9/11/2019										
9/13/2019										
3/16/2020										
3/17/2020										
7/21/2020										
8/26/2021										
9/8/2021								116 (o)	<5 (o)	
12/7/2021										
4/18/2022							240 (o)			

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	MW-73 Cadmium (mg/L)	GU-3A Carbon Disulfide (ug/L)	MW-29 Carbon Disulfide (ug/L)	MW-50 Carbon Disulfide (ug/L)	MW-55 Carbon Disulfide (ug/L)	MW-56 Carbon Disulfide (ug/L)	SW-103 Chemical Oxygen Demand (mg/L)	SW-101 Chloride (mg/L)	SW-102 Chloride (mg/L)	SW-103 Chloride (mg/L)
9/19/2023										
9/21/2023							198 (o)			
10/7/2024										
10/8/2024										
10/10/2024										
4/29/2025	0.00908 (o)									

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	MW-58 Chlorobenzene (ug/L)	MW-51 Chloroethane (ug/L)	MW-58 Chloroethane (ug/L)	MW-24R Chromium (mg/L)	MW-33R Chromium (mg/L)	MW-68 cis-1,2-Dichloroethene (ug/L)	GU-3A Cobalt (mg/L)	MW-33R Cobalt (mg/L)	MW-52 Cobalt (mg/L)	MW-54 Cobalt (mg/L)
1/15/2010		<20 (o)								
2/11/2010										
3/24/2010										
4/9/2010	<1 (o)									
5/18/2010										
7/21/2010										
8/17/2010										
9/17/2010										
10/22/2010										
12/15/2010					0.0491 (o)			0.0274 (o)	0.0285 (o)	
1/12/2011										0.0128 (oD)
2/22/2011									0.0305 (o)	
3/2/2011										
4/21/2011										
8/29/2011										
9/9/2011										
12/16/2011										
3/8/2012										
6/13/2012										
9/4/2012										
12/19/2012										
3/11/2013										
6/10/2013										
9/10/2013										
12/18/2013										
3/20/2014										
6/24/2014	<1 (o)									
7/24/2014										
9/24/2014										
12/4/2014										
3/11/2015										
6/30/2015						13.8 (o)				
9/22/2015										
2/15/2016										
2/16/2016										
8/25/2016										
1/17/2017				0.000548 (J,o)						
7/10/2017										
4/3/2018							0.0805 (oD)			
11/2/2018										
5/16/2019										
9/11/2019			29.6 (o)							
9/13/2019						74 (o)				
3/16/2020										
3/17/2020			23.4 (o)							
7/21/2020										
8/26/2021										
9/8/2021										
12/7/2021										
4/18/2022										

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	MW-58 Chlorobenzene (ug/L)	MW-51 Chloroethane (ug/L)	MW-58 Chloroethane (ug/L)	MW-24R Chromium (mg/L)	MW-33R Chromium (mg/L)	MW-68 cis-1,2-Dichloroethene (ug/L)	GU-3A Cobalt (mg/L)	MW-33R Cobalt (mg/L)	MW-52 Cobalt (mg/L)	MW-54 Cobalt (mg/L)
9/19/2023										
9/21/2023										
10/7/2024										
10/8/2024										
10/10/2024										
4/29/2025										

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	SW-101 Cobalt (mg/L)	SW-102 Cobalt (mg/L)	SW-103 Cobalt (mg/L)	MW-73 Cobalt (mg/L)	GU-3A Copper (mg/L)	MW-18 Copper (mg/L)	MW-19 Copper (mg/L)	MW-23 Copper (mg/L)	MW-24R Copper (mg/L)	MW-57R Copper (mg/L)
1/15/2010										
2/11/2010										
3/24/2010										
4/9/2010										
5/18/2010										
7/21/2010										
8/17/2010										
9/17/2010										
10/22/2010										
12/15/2010										
1/12/2011										
2/22/2011										
3/2/2011										
4/21/2011										
8/29/2011										
9/9/2011										
12/16/2011										
3/8/2012										
6/13/2012										
9/4/2012										
12/19/2012										
3/11/2013										
6/10/2013										
9/10/2013										
12/18/2013										
3/20/2014										
6/24/2014										
7/24/2014										
9/24/2014										
12/4/2014										
3/11/2015										
6/30/2015										
9/22/2015										
2/15/2016										
2/16/2016										
8/25/2016										
1/17/2017										
7/10/2017										
4/3/2018		0.00678 (o)			0.106 (oD)					
11/2/2018							0.0763 (o)			
5/16/2019						0.0249 (o)	0.197 (o)	0.0171 (o)	0.0438 (o)	
9/11/2019										
9/13/2019										
3/16/2020										
3/17/2020										
7/21/2020										
8/26/2021										0.00196 (Jo)
9/8/2021										
12/7/2021										
4/18/2022	0.00437 (o)									

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	SW-101 Cobalt (mg/L)	SW-102 Cobalt (mg/L)	SW-103 Cobalt (mg/L)	MW-73 Cobalt (mg/L)	GU-3A Copper (mg/L)	MW-18 Copper (mg/L)	MW-19 Copper (mg/L)	MW-23 Copper (mg/L)	MW-24R Copper (mg/L)	MW-57R Copper (mg/L)
9/19/2023										
9/21/2023	0.00172 (o)		0.0218 (o)							
10/7/2024										
10/8/2024										
10/10/2024										
4/29/2025				0.0113 (o)						

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	MW-18 Delta-BHC (ug/L)	MW-18 Endosulfan I (ug/L)	MW-14R Endosulfan II (ug/L)	MW-18 Endosulfan II (ug/L)	MW-29 Endosulfan II (ug/L)	GU-3A Ethylbenzene (ug/L)	MW-14R Gamma-BHC [Lindane] (ug/L)	MW-18 Gamma-BHC [Lindane] (ug/L)	MW-58 Gamma-BHC [Lindane] (ug/L)	MW-18 Heptachlor (ug/L)
1/15/2010										
2/11/2010										
3/24/2010										
4/9/2010										
5/18/2010										
7/21/2010										
8/17/2010										
9/17/2010						21 (o)				
10/22/2010										
12/15/2010										
1/12/2011										
2/22/2011										
3/2/2011										
4/21/2011										
8/29/2011										
9/9/2011										
12/16/2011										
3/8/2012										
6/13/2012										
9/4/2012										
12/19/2012										
3/11/2013										
6/10/2013										
9/10/2013										
12/18/2013	<1.67 (o)	<1.67 (o)		<1.67 (o)				<1.67 (o)		<1.67 (o)
3/20/2014										
6/24/2014										
7/24/2014										
9/24/2014										
12/4/2014										
3/11/2015										
6/30/2015										
9/22/2015										
2/15/2016										
2/16/2016										
8/25/2016										
1/17/2017										
7/10/2017										
4/3/2018										
11/2/2018										
5/16/2019										
9/11/2019			0.00271 (J,o)				0.00769 (JBo)		0.00778 (JPo)	
9/13/2019										
3/16/2020										
3/17/2020										
7/21/2020										
8/26/2021										
9/8/2021										
12/7/2021										
4/18/2022					<0.0615 (o)					

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	MW-18 Delta-BHC (ug/L)	MW-18 Endosulfan I (ug/L)	MW-14R Endosulfan II (ug/L)	MW-18 Endosulfan II (ug/L)	MW-29 Endosulfan II (ug/L)	GU-3A Ethylbenzene (ug/L)	MW-14R Gamma-BHC [Lindane] (ug/L)	MW-18 Gamma-BHC [Lindane] (ug/L)	MW-58 Gamma-BHC [Lindane] (ug/L)	MW-18 Heptachlor (ug/L)
9/19/2023										
9/21/2023										
10/7/2024										
10/8/2024										
10/10/2024										
4/29/2025										

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	MW-58 Heptachlor (ug/L)	MW-18 Heptachlor Epoxide (ug/L)	MW-28 Heptachlor Epoxide (ug/L)	MW-58 Lead (mg/L)	MW-73 Lead (mg/L)	MW-18 Mercury (mg/L)	MW-19 Mercury (mg/L)	MW-28 Mercury (mg/L)	MW-39 Mercury (mg/L)	GU-3A Nickel (mg/L)
1/15/2010										
2/11/2010										
3/24/2010										
4/9/2010										
5/18/2010										
7/21/2010										
8/17/2010										
9/17/2010										
10/22/2010										
12/15/2010										
1/12/2011										
2/22/2011										
3/2/2011										
4/21/2011										
8/29/2011										
9/9/2011										
12/16/2011										
3/8/2012										
6/13/2012										
9/4/2012										
12/19/2012										
3/11/2013										
6/10/2013										
9/10/2013										
12/18/2013		<1.67 (o)								
3/20/2014										
6/24/2014										
7/24/2014										
9/24/2014										
12/4/2014										
3/11/2015										
6/30/2015										
9/22/2015										
2/15/2016										
2/16/2016										
8/25/2016										
1/17/2017										
7/10/2017										
4/3/2018					0.0267 (o)					0.2074 (oD)
11/2/2018										
5/16/2019			<1 (o)							
9/11/2019	0.00288 (JPo)									
9/13/2019										
3/16/2020										
3/17/2020										
7/21/2020										
8/26/2021										
9/8/2021										
12/7/2021										
4/18/2022										

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	MW-58 Heptachlor (ug/L)	MW-18 Heptachlor Epoxide (ug/L)	MW-28 Heptachlor Epoxide (ug/L)	MW-58 Lead (mg/L)	MW-73 Lead (mg/L)	MW-18 Mercury (mg/L)	MW-19 Mercury (mg/L)	MW-28 Mercury (mg/L)	MW-39 Mercury (mg/L)	GU-3A Nickel (mg/L)
9/19/2023										
9/21/2023										
10/7/2024							0.000364 (o)	0.000351 (o)		
10/8/2024						0.000378 (o)			0.000241 (o)	
10/10/2024										
4/29/2025					0.0192 (o)					

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	MW-23 Nickel (mg/L)	MW-24R Nickel (mg/L)	MW-29 Selenium (mg/L)	MW-53 Selenium (mg/L)	MW-54 Selenium (mg/L)	MW-73 Selenium (mg/L)	MW-14R Sulfide (mg/L)	MW-18 Sulfide (mg/L)	MW-29 Sulfide (mg/L)	MW-68 Tetrachloroethene (ug/L)
1/15/2010										
2/11/2010		<0.05 (o)								
3/24/2010										
4/9/2010										
5/18/2010										
7/21/2010					<0.01 (o)					
8/17/2010			<0.01 (o)							
9/17/2010										
10/22/2010		<0.05 (o)								
12/15/2010										
1/12/2011										
2/22/2011										
3/2/2011										
4/21/2011										
8/29/2011										
9/9/2011	<0.05 (o)	<0.05 (o)								
12/16/2011										
3/8/2012	<0.05 (o)	<0.05 (o)								
6/13/2012										
9/4/2012	<0.05 (o)			<0.01 (o)	<0.01 (oD)					
12/19/2012										
3/11/2013	<0.05 (o)									
6/10/2013										
9/10/2013										
12/18/2013										
3/20/2014	<0.05 (o)									
6/24/2014										
7/24/2014									1.85 (o)	
9/24/2014		<0.05 (o)								
12/4/2014										
3/11/2015										
6/30/2015										
9/22/2015										
2/15/2016										
2/16/2016										
8/25/2016										
1/17/2017										
7/10/2017										
4/3/2018										
11/2/2018										
5/16/2019										
9/11/2019										
9/13/2019										<10 (o)
3/16/2020										
3/17/2020										
7/21/2020							<10 (o)			
8/26/2021										
9/8/2021										
12/7/2021										
4/18/2022										

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	MW-23 Nickel (mg/L)	MW-24R Nickel (mg/L)	MW-29 Selenium (mg/L)	MW-53 Selenium (mg/L)	MW-54 Selenium (mg/L)	MW-73 Selenium (mg/L)	MW-14R Sulfide (mg/L)	MW-18 Sulfide (mg/L)	MW-29 Sulfide (mg/L)	MW-68 Tetrachloroethene (ug/L)
9/19/2023										
9/21/2023										
10/7/2024										
10/8/2024										
10/10/2024							1.07 (o)			
4/29/2025						0.0368 (o)				

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	MW-30R Thallium (mg/L)	MW-56 Thallium (mg/L)	GU-3A Toluene (ug/L)	MW-31R Total Organic Carbon (mg/L)	MW-57R Total Organic Carbon (mg/L)	MW-14R Total Suspended Solids (mg/L)	MW-19 Total Suspended Solids (mg/L)	MW-30R Total Suspended Solids (mg/L)	MW-31R Total Suspended Solids (mg/L)	MW-32R Total Suspended Solids (mg/L)
1/15/2010										
2/11/2010										
3/24/2010										
4/9/2010										
5/18/2010										
7/21/2010										
8/17/2010										
9/17/2010			9.04 (o)							
10/22/2010										
12/15/2010										
1/12/2011										
2/22/2011										
3/2/2011										
4/21/2011										
8/29/2011										
9/9/2011										
12/16/2011										
3/8/2012										
6/13/2012										
9/4/2012										
12/19/2012										
3/11/2013										
6/10/2013										
9/10/2013										
12/18/2013										
3/20/2014										
6/24/2014										
7/24/2014										
9/24/2014										
12/4/2014										
3/11/2015										
6/30/2015										
9/22/2015										
2/15/2016				3.23 (o)		23.3 (oD)	19.9 (o)	1270 (o)	1470 (o)	770 (o)
2/16/2016										
8/25/2016										
1/17/2017										
7/10/2017										
4/3/2018										
11/2/2018										
5/16/2019										
9/11/2019										
9/13/2019										
3/16/2020										
3/17/2020										
7/21/2020										
8/26/2021										
9/8/2021										
12/7/2021					1.89 (o)					
4/18/2022										

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	MW-30R Thallium (mg/L)	MW-56 Thallium (mg/L)	GU-3A Toluene (ug/L)	MW-31R Total Organic Carbon (mg/L)	MW-57R Total Organic Carbon (mg/L)	MW-14R Total Suspended Solids (mg/L)	MW-19 Total Suspended Solids (mg/L)	MW-30R Total Suspended Solids (mg/L)	MW-31R Total Suspended Solids (mg/L)	MW-32R Total Suspended Solids (mg/L)
9/19/2023										
9/21/2023										
10/7/2024		0.00113 (o)								
10/8/2024	0.00117 (o)							153 (o)		
10/10/2024										
4/29/2025										

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	MW-33R Total Suspended Solids (mg/L)	MW-50 Total Suspended Solids (mg/L)	MW-56 Total Suspended Solids (mg/L)	MW-60 Total Suspended Solids (mg/L)	SW-101 Total Suspended Solids (mg/L)	SW-102 Total Suspended Solids (mg/L)	SW-103 Total Suspended Solids (mg/L)	MW-30R trans-1,2-Dichloroethene (ug/L)	MW-68 trans-1,2-Dichloroethene (ug/L)	MW-53 Trichloroethene (ug/L)
1/15/2010										
2/11/2010										
3/24/2010										
4/9/2010										
5/18/2010										
7/21/2010										
8/17/2010										
9/17/2010										
10/22/2010										
12/15/2010										
1/12/2011										
2/22/2011										
3/2/2011										
4/21/2011										
8/29/2011										
9/9/2011										
12/16/2011										
3/8/2012										
6/13/2012										
9/4/2012										
12/19/2012										
3/11/2013										
6/10/2013										
9/10/2013										
12/18/2013										
3/20/2014										
6/24/2014										
7/24/2014										
9/24/2014										
12/4/2014			248 (o)							
3/11/2015										
6/30/2015										
9/22/2015										1.04 (o)
2/15/2016	1920 (o)									
2/16/2016			94.4 (o)							
8/25/2016										
1/17/2017										
7/10/2017				26.7 (o)						
4/3/2018					1490 (o)					
11/2/2018										
5/16/2019										
9/11/2019										
9/13/2019								5.25 (Jo)		
3/16/2020										
3/17/2020										
7/21/2020										
8/26/2021										
9/8/2021										
12/7/2021										
4/18/2022					77 (o)					

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	MW-33R Total Suspended Solids (mg/L)	MW-50 Total Suspended Solids (mg/L)	MW-56 Total Suspended Solids (mg/L)	MW-60 Total Suspended Solids (mg/L)	SW-101 Total Suspended Solids (mg/L)	SW-102 Total Suspended Solids (mg/L)	SW-103 Total Suspended Solids (mg/L)	MW-30R trans-1,2-Dichloroethene (ug/L)	MW-68 trans-1,2-Dichloroethene (ug/L)	MW-53 Trichloroethene (ug/L)
9/19/2023		183 (o)								
9/21/2023					398 (o)		3900 (o)			
10/7/2024										
10/8/2024										
10/10/2024										
4/29/2025								<0.27 (o)		

Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	MW-68 Trichloroethene (ug/L)	MW-68 Vinyl Chloride (ug/L)	GU-3A Xylenes, total (ug/L)	MW-18 Zinc (mg/L)	MW-19 Zinc (mg/L)	MW-28 Zinc (mg/L)	MW-30R Zinc (mg/L)	MW-31R Zinc (mg/L)	MW-33R Zinc (mg/L)	MW-52 Zinc (mg/L)
1/15/2010										
2/11/2010										
3/24/2010			<16 (o)							
4/9/2010										
5/18/2010										
7/21/2010										
8/17/2010										
9/17/2010			56.1 (o)							
10/22/2010										
12/15/2010									0.119 (o)	0.122 (o)
1/12/2011										
2/22/2011										0.111 (o)
3/2/2011			9.18 (o)							
4/21/2011								0.0965 (oD)		
8/29/2011										
9/9/2011										
12/16/2011										
3/8/2012										
6/13/2012										
9/4/2012										
12/19/2012						0.0591 (o)			0.069 (oD)	
3/11/2013										
6/10/2013									0.0531 (o)	
9/10/2013										
12/18/2013				0.09 (o)	0.0854 (o)	0.0644 (o)	0.138 (o)			
3/20/2014										
6/24/2014					<0.06 (o)					
7/24/2014										
9/24/2014										
12/4/2014										
3/11/2015										
6/30/2015										
9/22/2015										
2/15/2016										
2/16/2016										
8/25/2016										
1/17/2017										
7/10/2017										
4/3/2018										
11/2/2018										
5/16/2019					0.0645 (o)					
9/11/2019										
9/13/2019	<10 (o)	3.34 (Jo)								
3/16/2020										
3/17/2020										
7/21/2020										
8/26/2021										
9/8/2021										
12/7/2021										
4/18/2022										

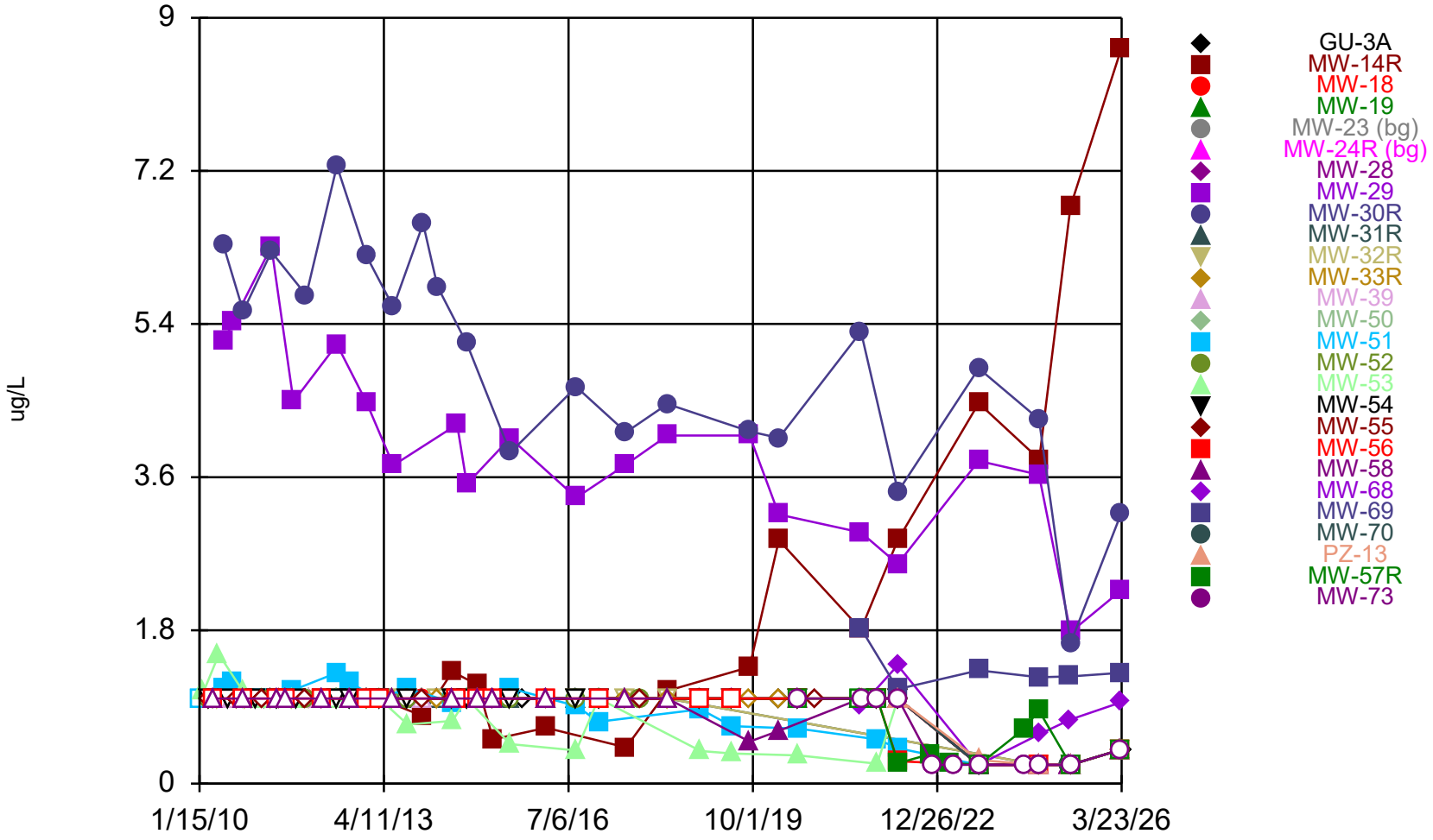
Flagged Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:11 PM

	MW-68 Trichloroethene (ug/L)	MW-68 Vinyl Chloride (ug/L)	GU-3A Xylenes, total (ug/L)	MW-18 Zinc (mg/L)	MW-19 Zinc (mg/L)	MW-28 Zinc (mg/L)	MW-30R Zinc (mg/L)	MW-31R Zinc (mg/L)	MW-33R Zinc (mg/L)	MW-52 Zinc (mg/L)
9/19/2023										
9/21/2023										
10/7/2024										
10/8/2024										
10/10/2024										
4/29/2025										

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

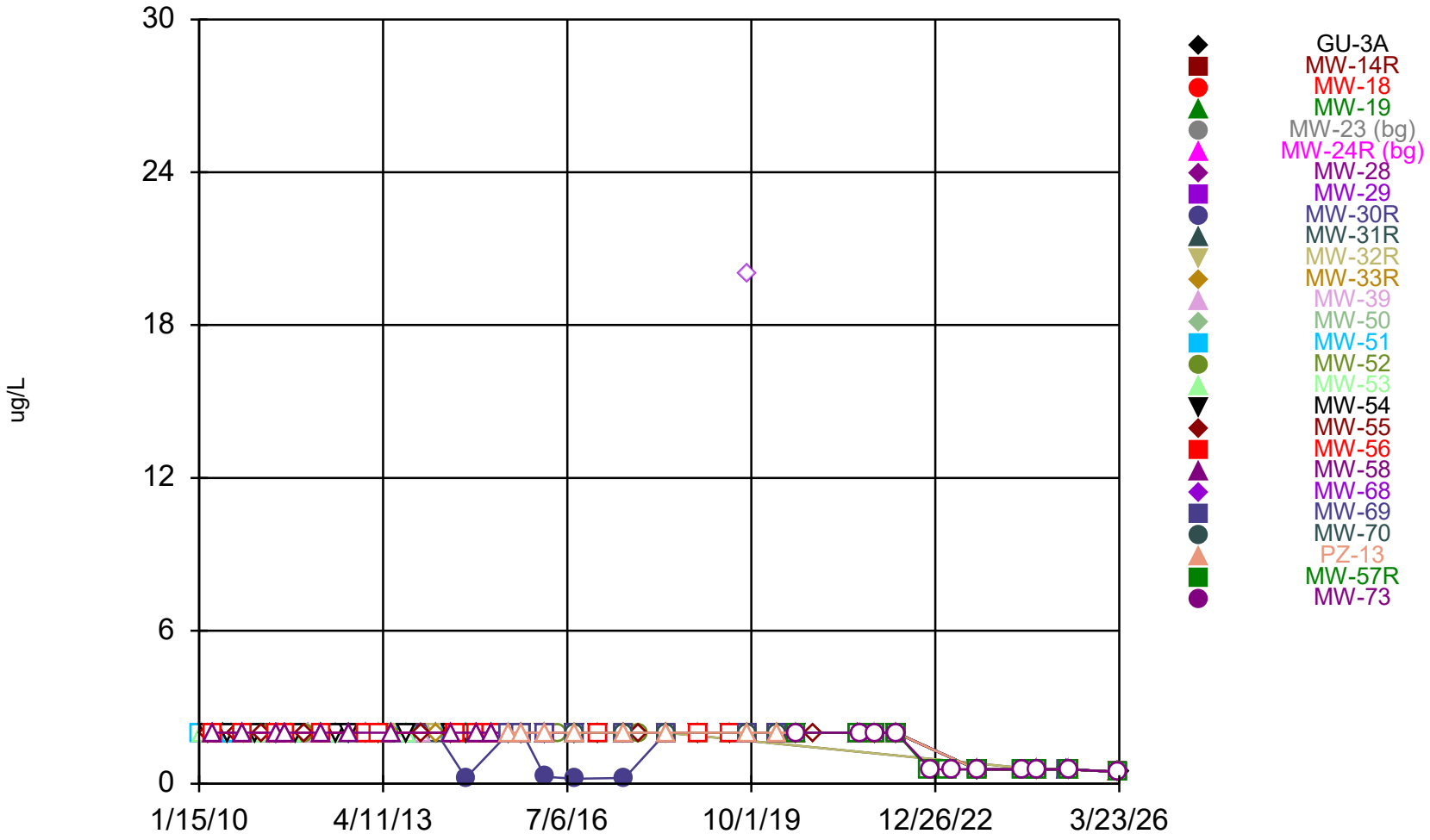


Constituent: 1,1-Dichloroethane Analysis Run 4/29/2026 2:01 PM View: 2_Descriptive Statistics - Time Se

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

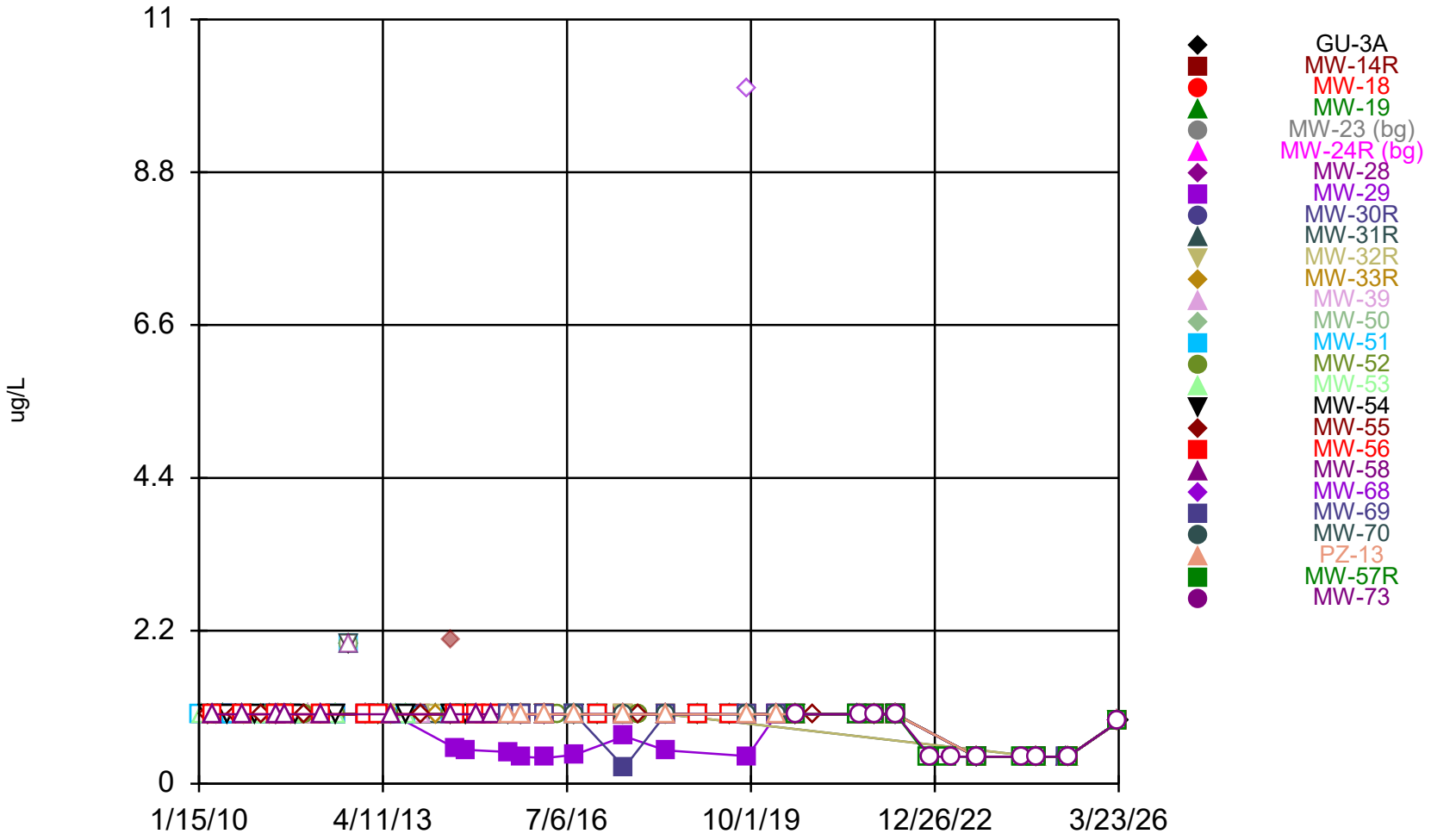


Constituent: 1,1-Dichloroethene Analysis Run 4/29/2026 2:01 PM View: 2_Descriptive Statistics - Time Se

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

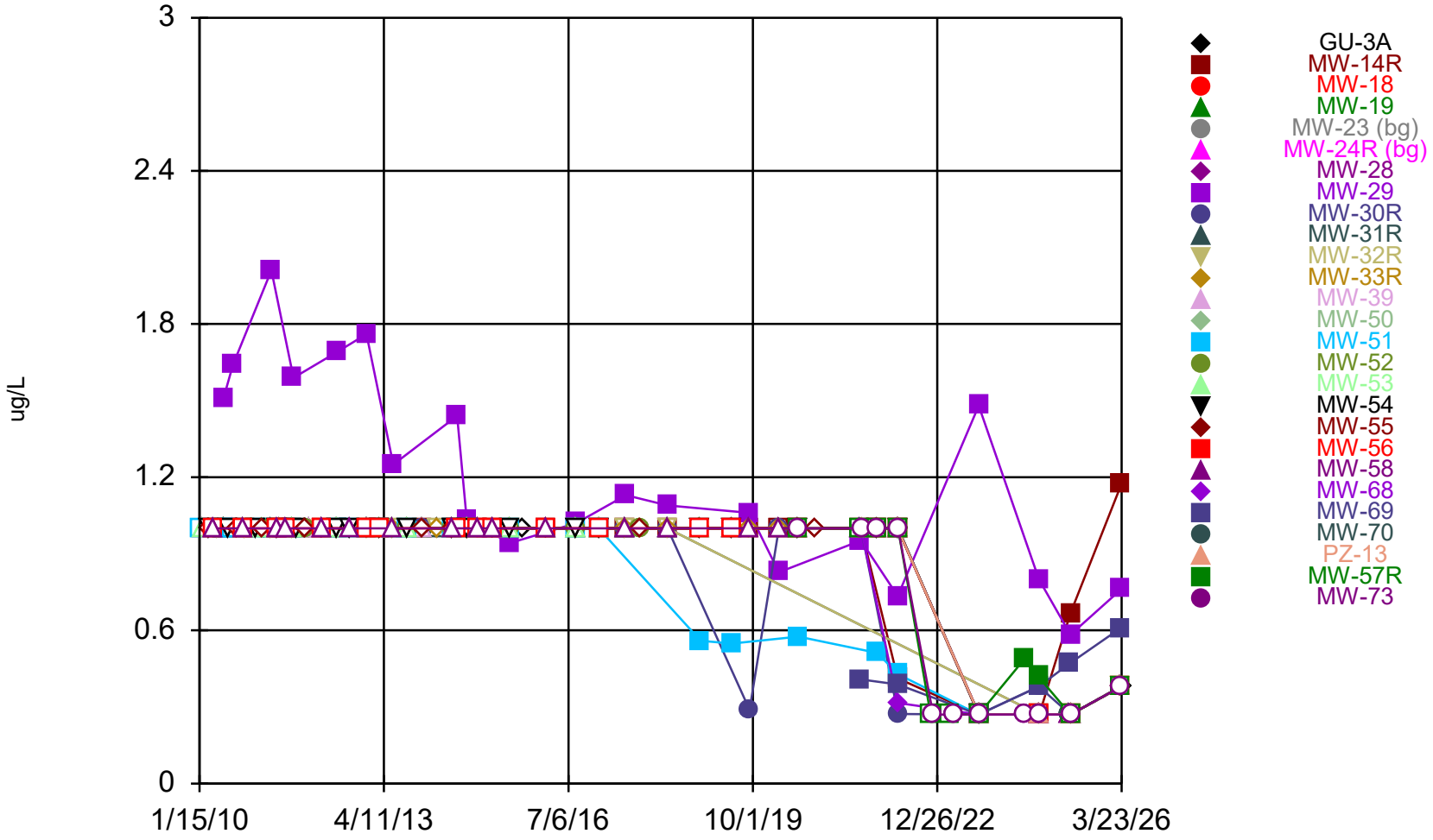


Constituent: 1,2-Dichloroethane Analysis Run 4/29/2026 2:01 PM View: 2_Descriptive Statistics - Time Se

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

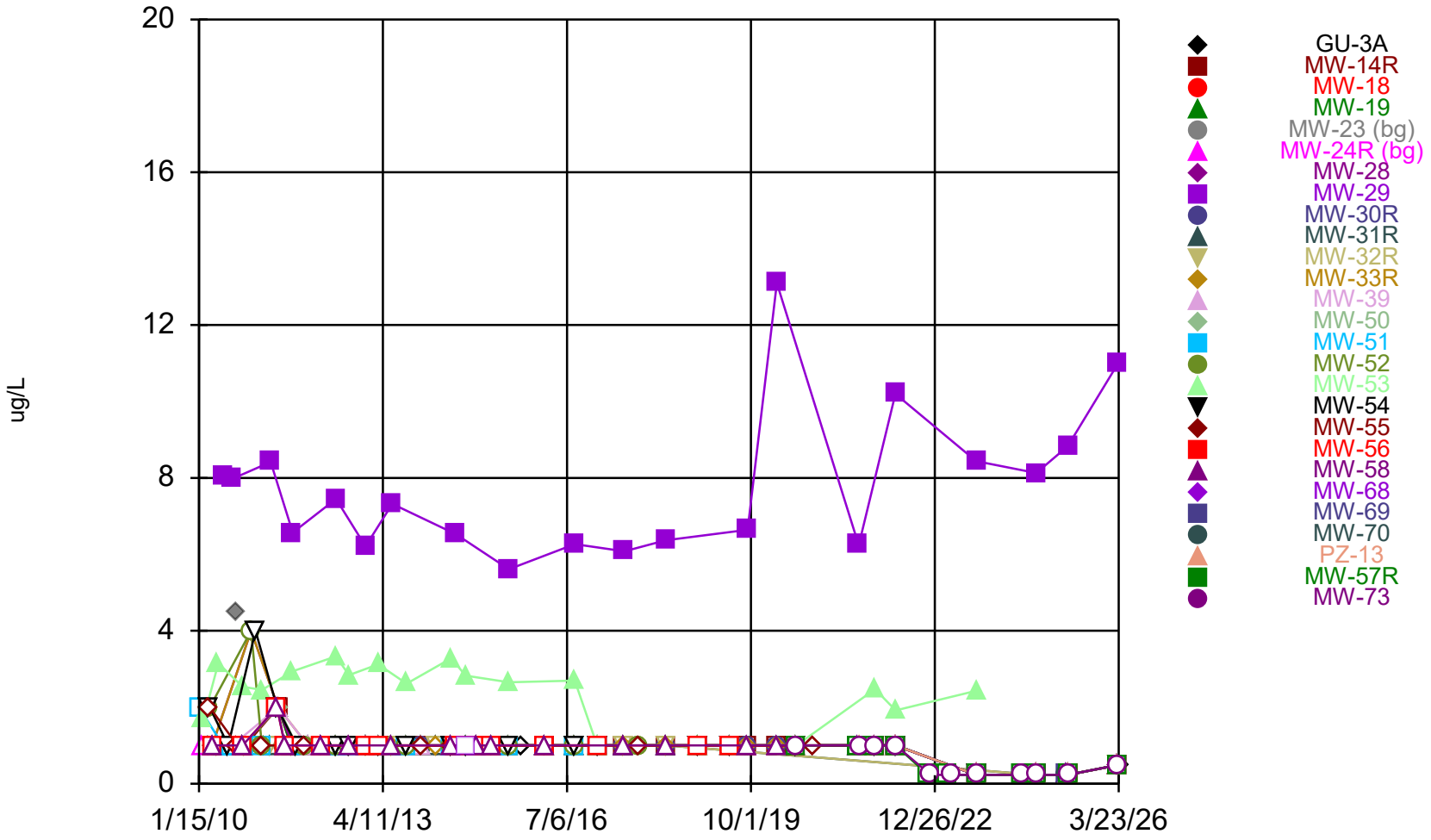


Constituent: 1,2-Dichloropropane Analysis Run 4/29/2026 2:01 PM View: 2_Descriptive Statistics - Time S

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

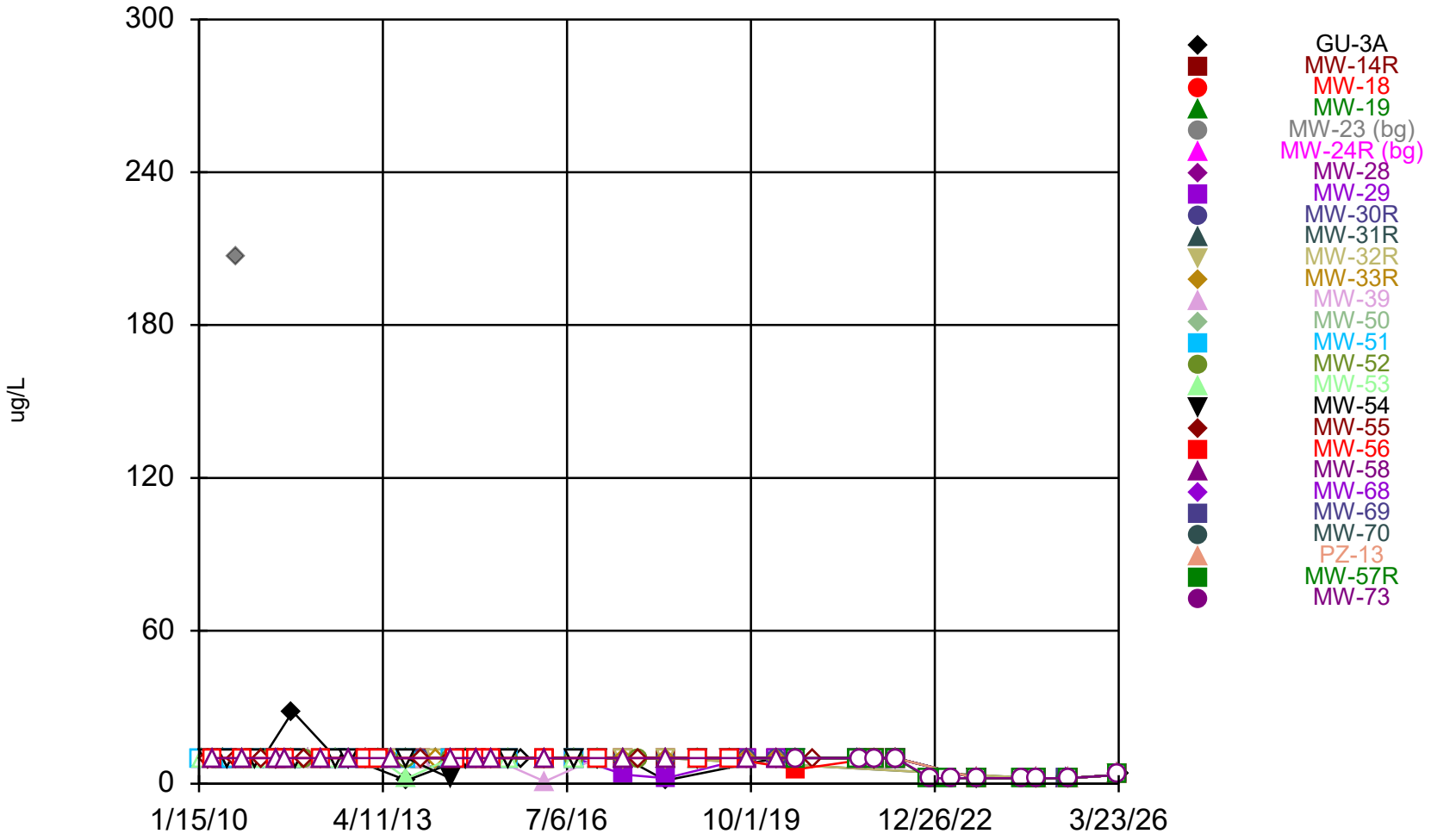


Constituent: 1,4-Dichlorobenzene Analysis Run 4/29/2026 2:01 PM View: 2_Descriptive Statistics - Time

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

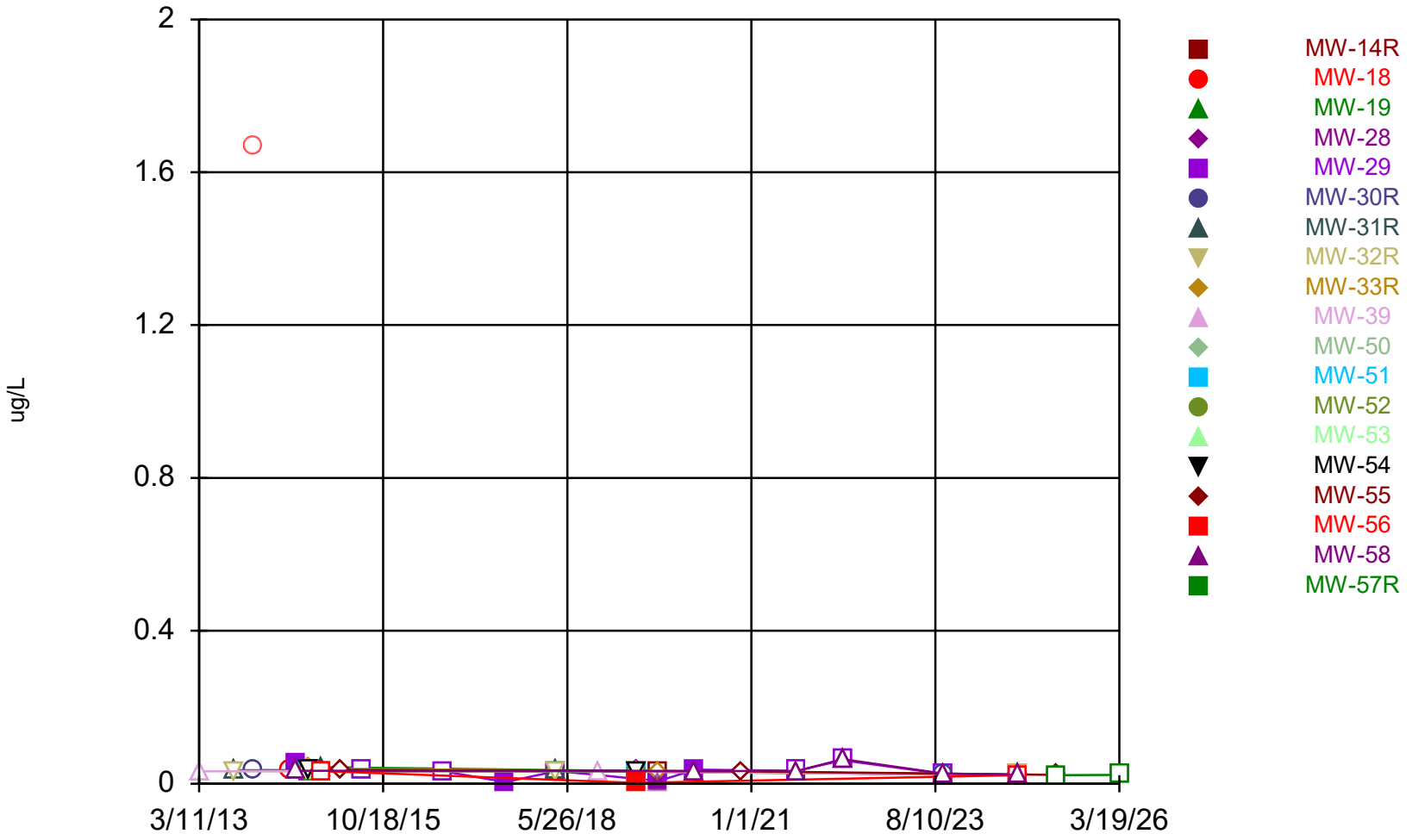


Constituent: 2-Butanone [MEK] Analysis Run 4/29/2026 2:01 PM View: 2_Descriptive Statistics - Time Ser

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

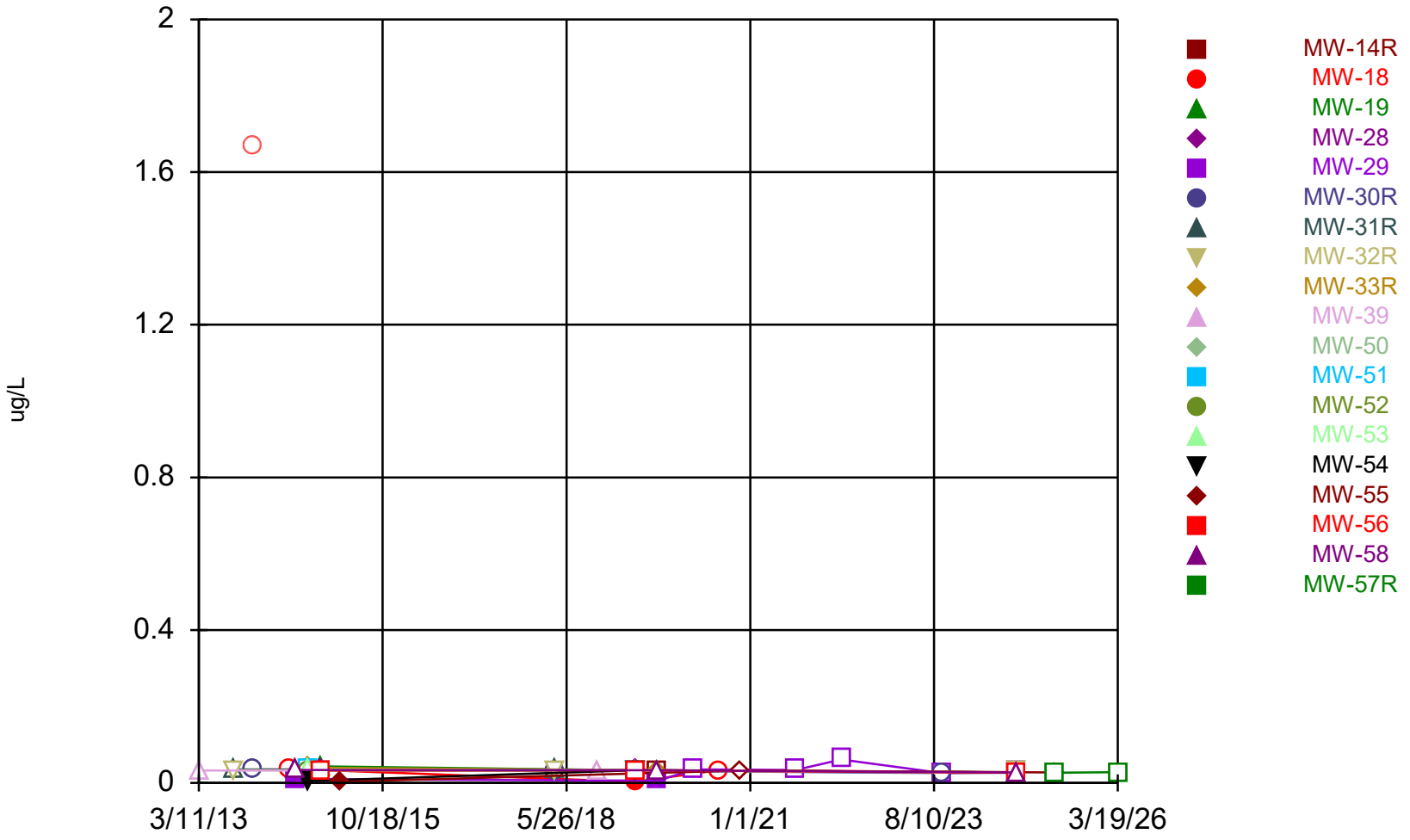


Constituent: 4,4`-DDD Analysis Run 4/29/2026 2:01 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

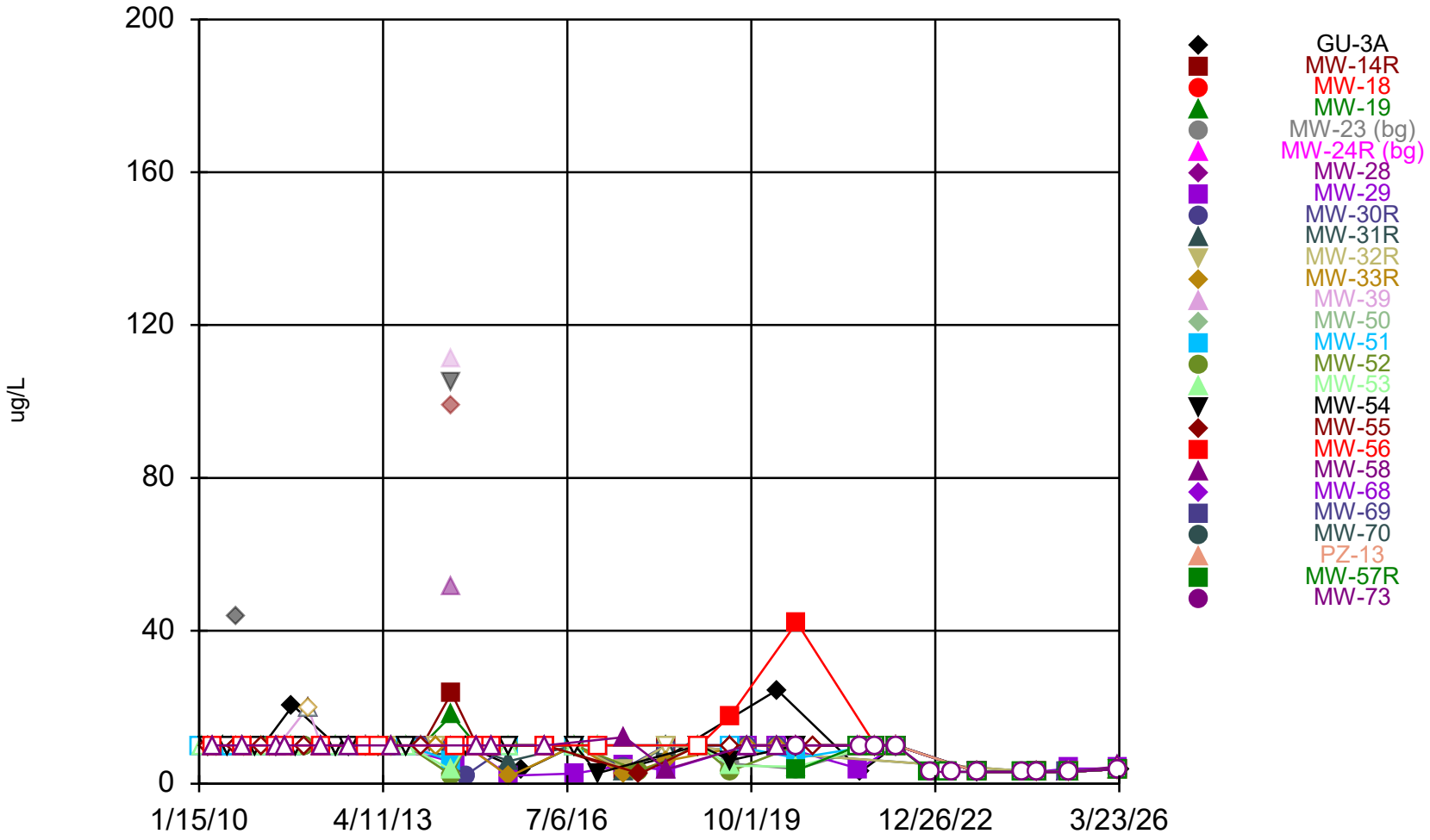


Constituent: 4,4`-DDE Analysis Run 4/29/2026 2:01 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

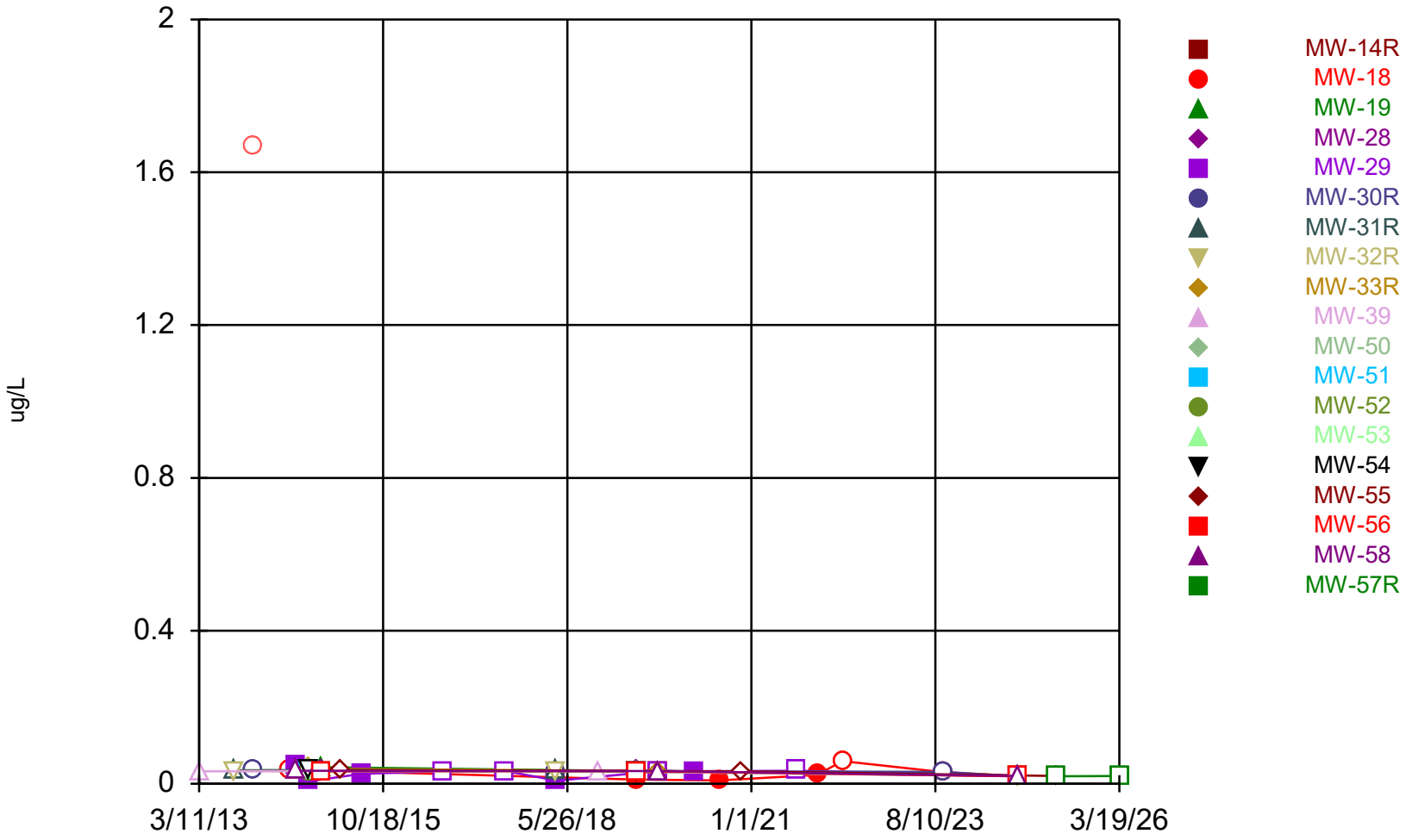


Constituent: Acetone Analysis Run 4/29/2026 2:01 PM View: 2_Descriptive Statistics - Time Series_Box P

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

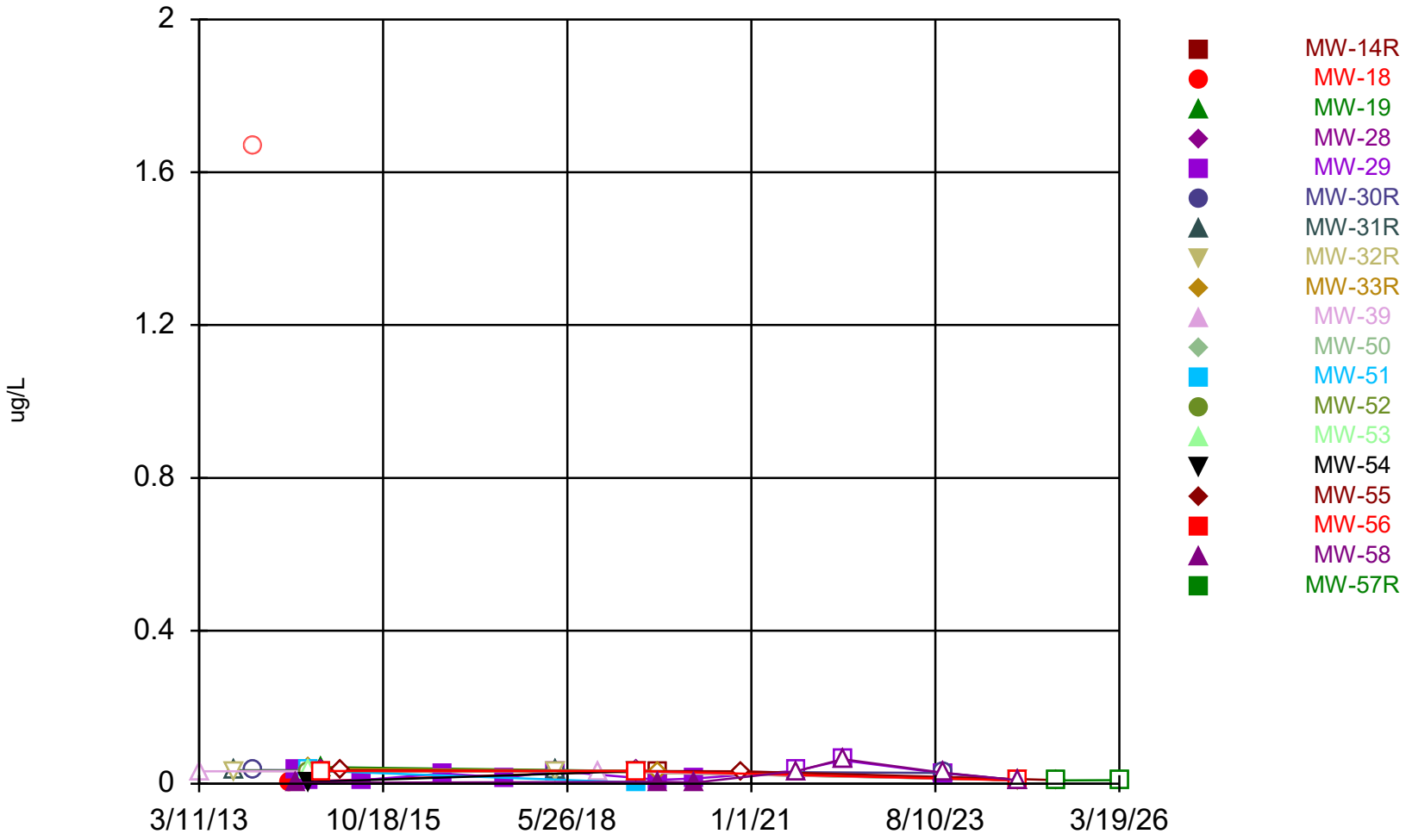


Constituent: Aldrin Analysis Run 4/29/2026 2:01 PM View: 2_Descriptive Statistics - Time Series_Box Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

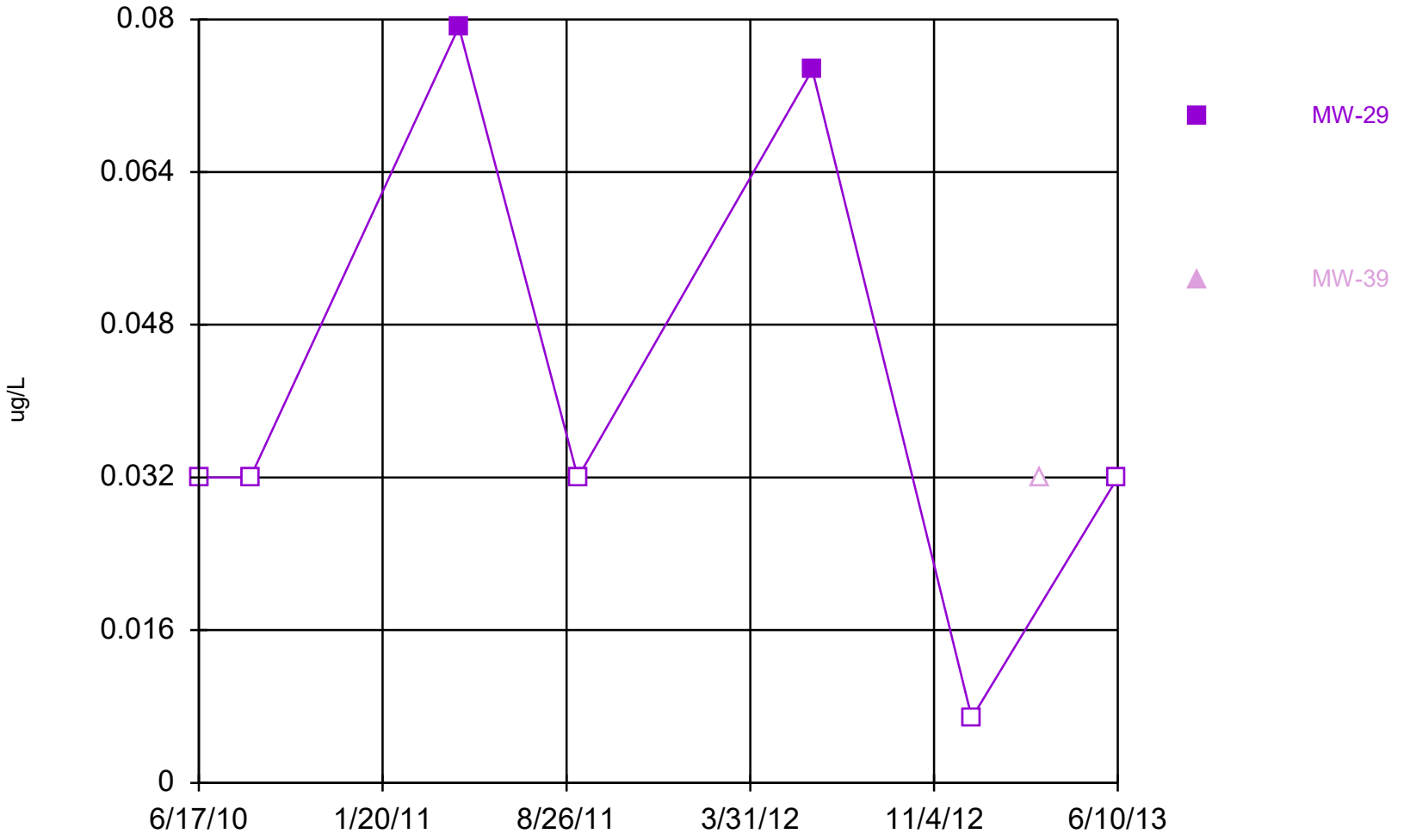


Constituent: Alpha-BHC Analysis Run 4/29/2026 2:01 PM View: 2_Descriptive Statistics - Time Series_Bo

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

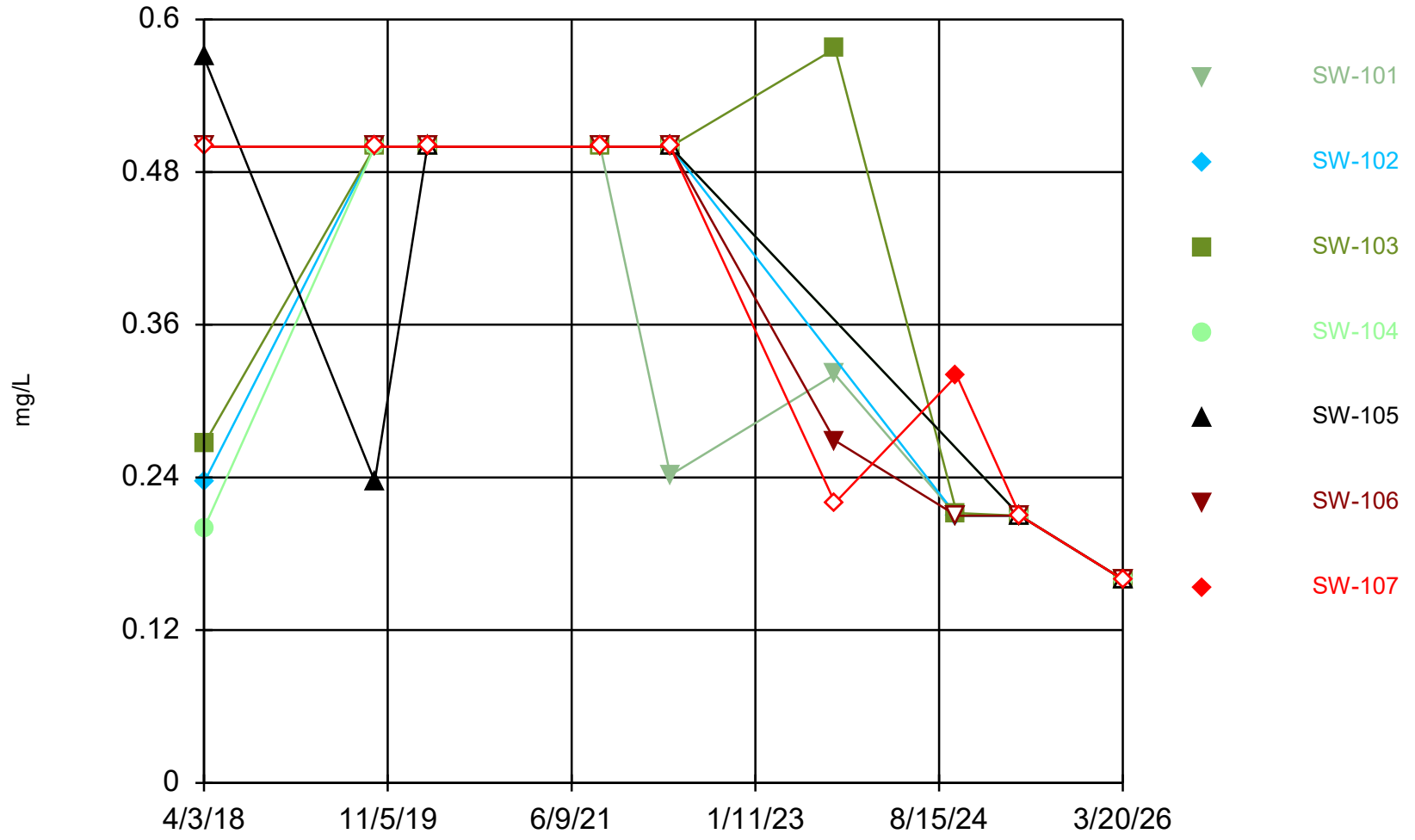


Constituent: Alpha-Chlordane Analysis Run 4/29/2026 2:01 PM View: 2_Descriptive Statistics - Time Serie

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

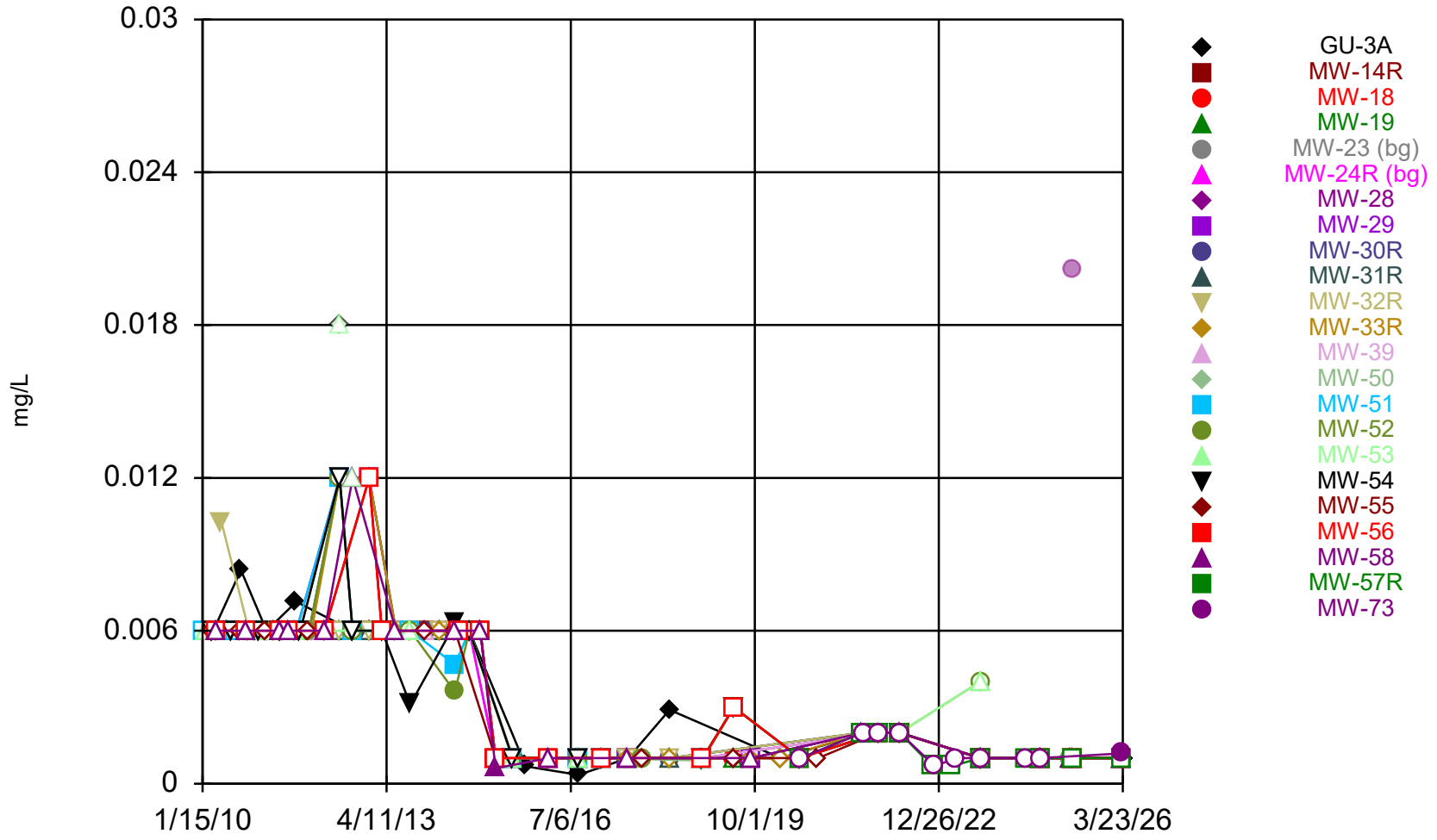


Constituent: Ammonia as N Analysis Run 4/29/2026 2:01 PM View: 2_Descriptive Statistics - Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

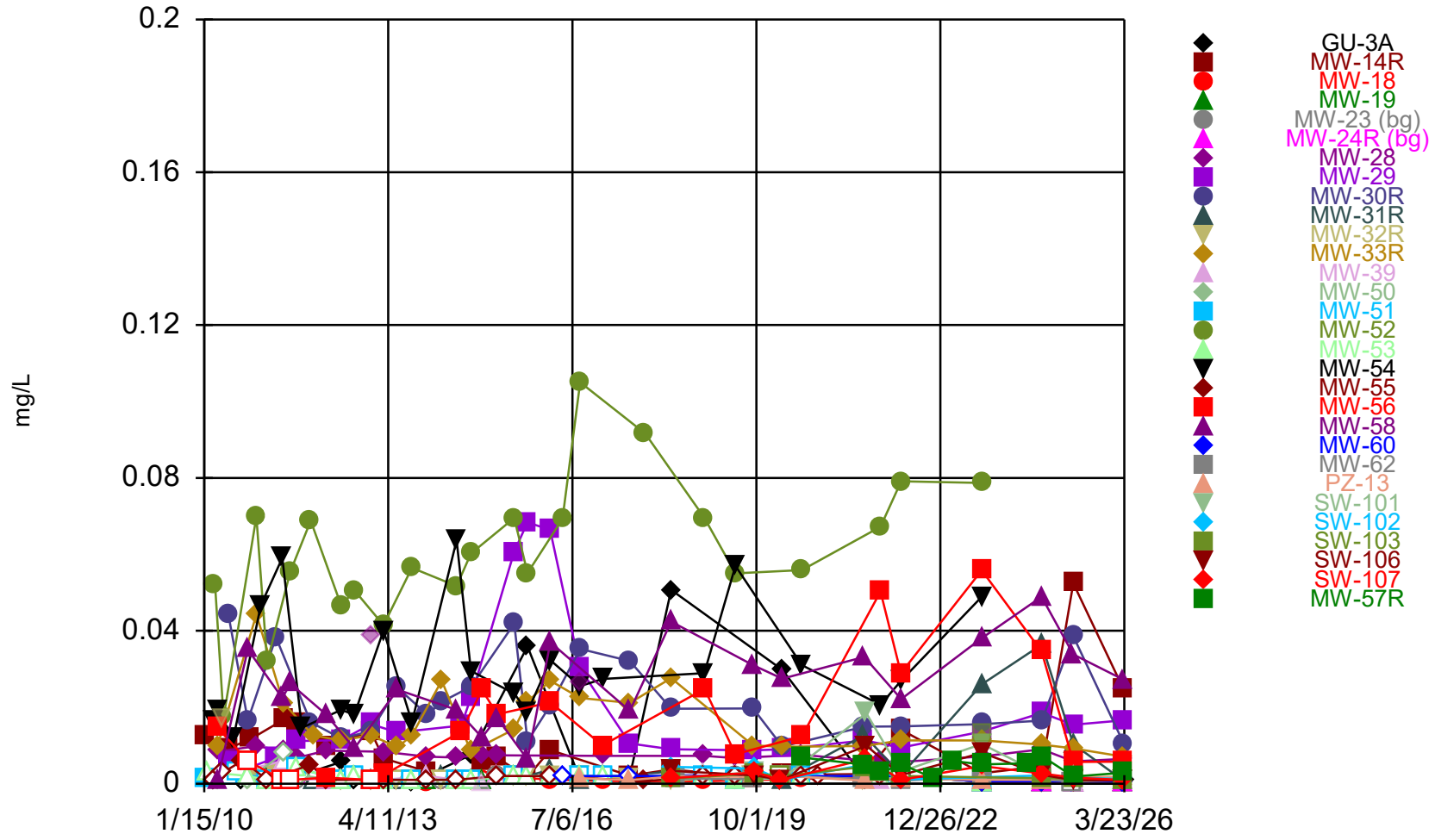


Constituent: Antimony Analysis Run 4/29/2026 2:01 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

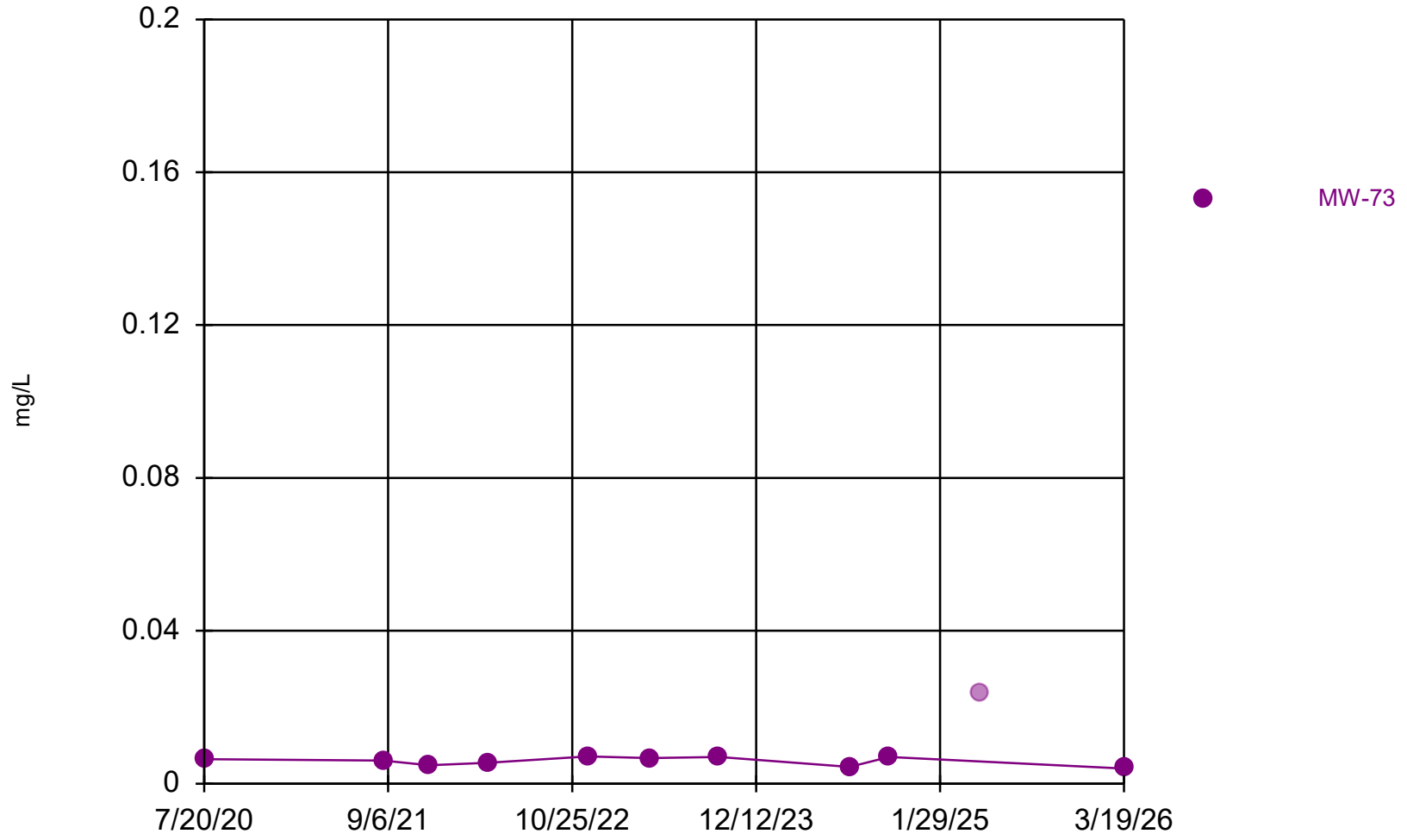


Constituent: Arsenic Analysis Run 4/29/2026 2:01 PM View: 2_Descriptive Statistics - Time Series_Box PI

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Time Series

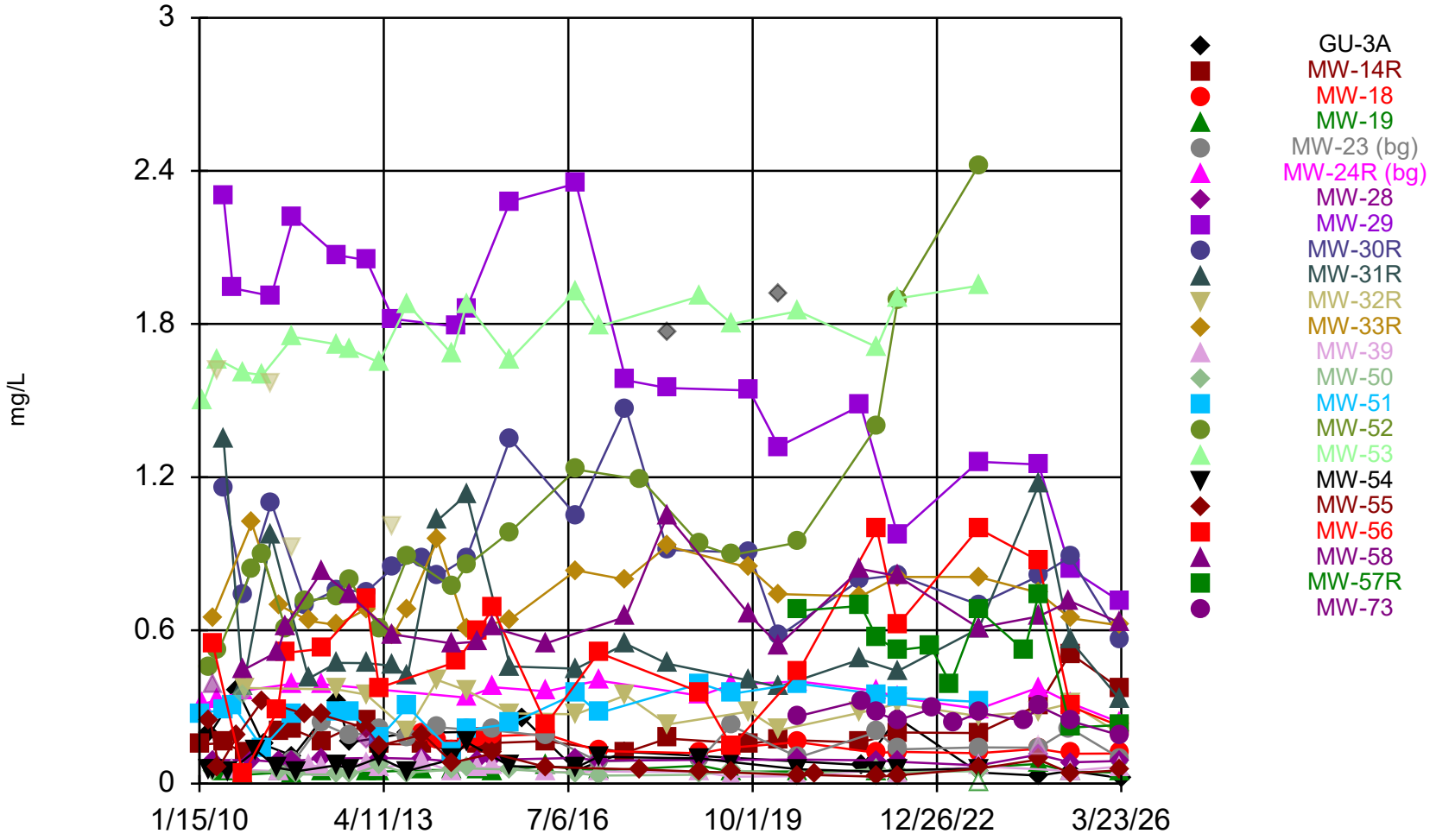


Constituent: Arsenic Analysis Run 4/29/2026 2:01 PM View: 2_Descriptive Statistics - Time Series_Box Pl

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

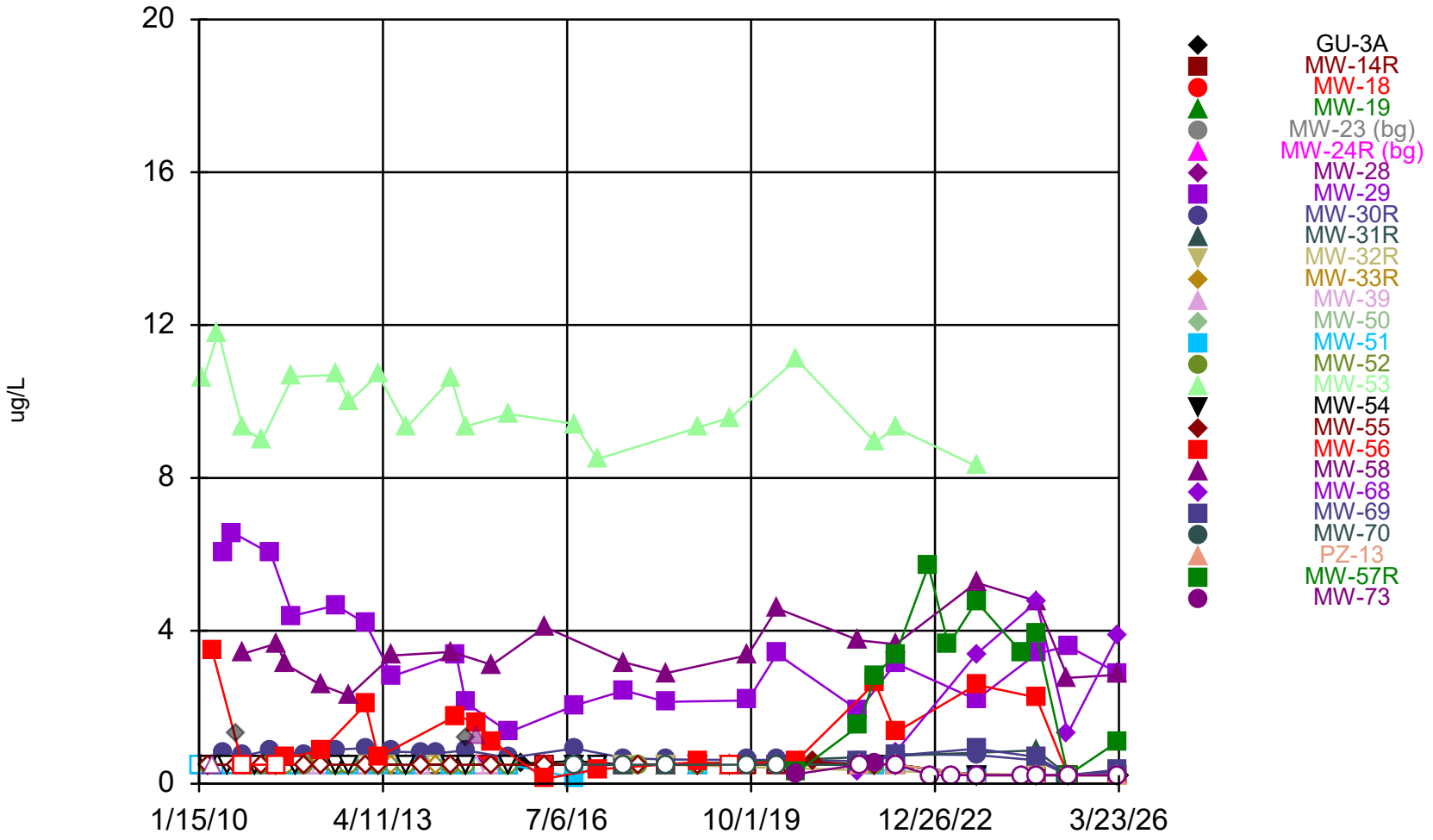


Constituent: Barium Analysis Run 4/29/2026 2:01 PM View: 2_Descriptive Statistics - Time Series_Box PI

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

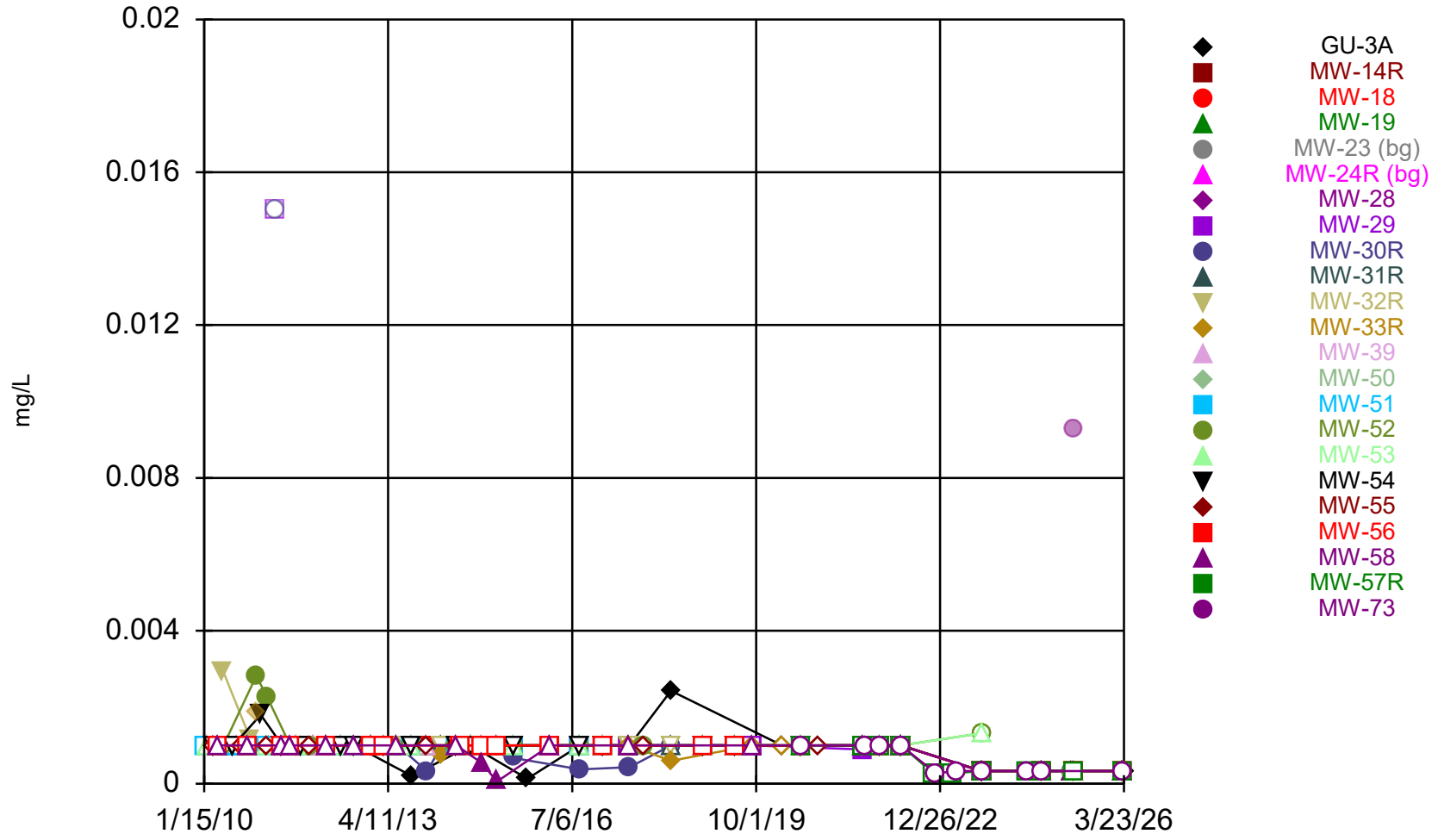


Constituent: Benzene Analysis Run 4/29/2026 2:01 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

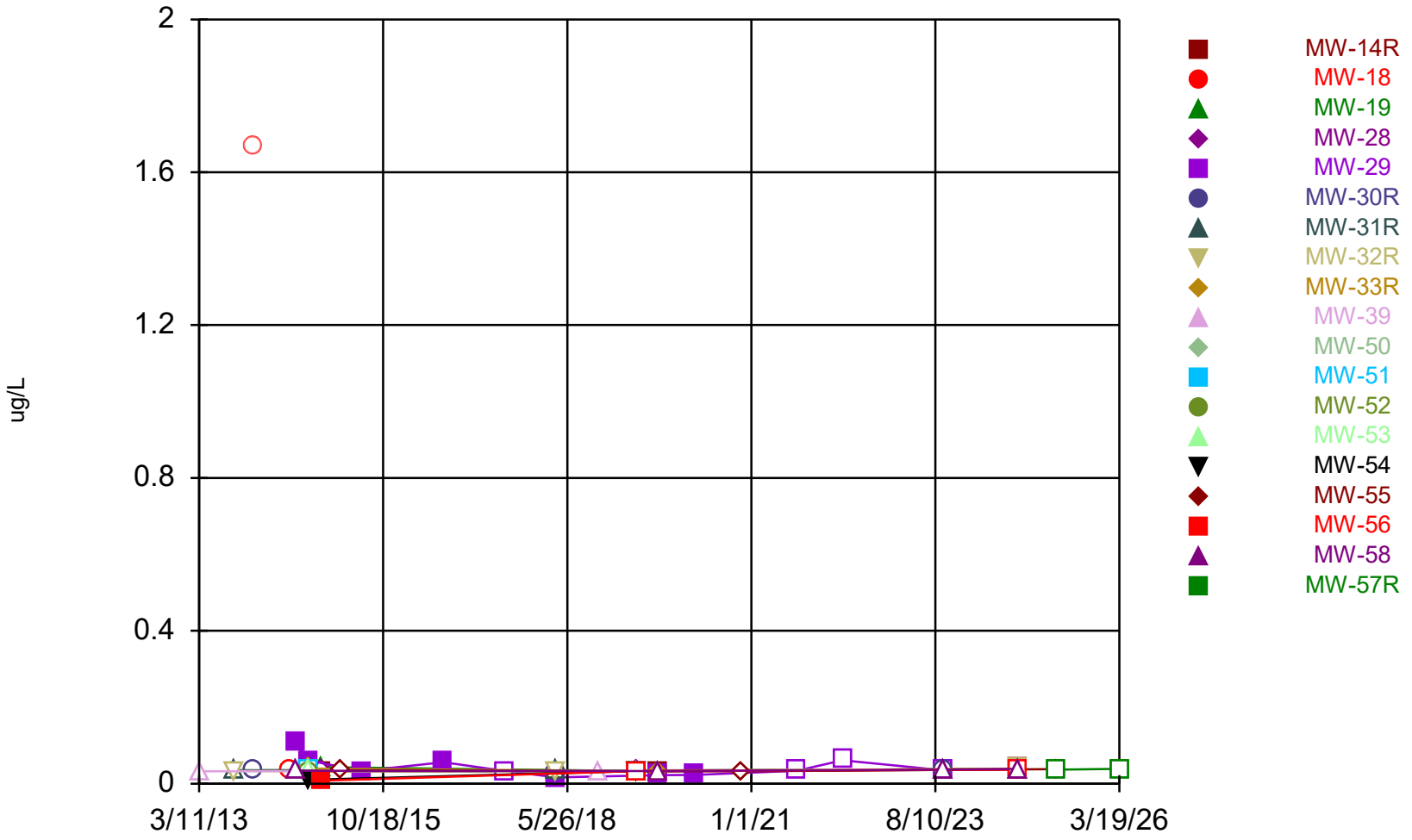


Constituent: Beryllium Analysis Run 4/29/2026 2:01 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

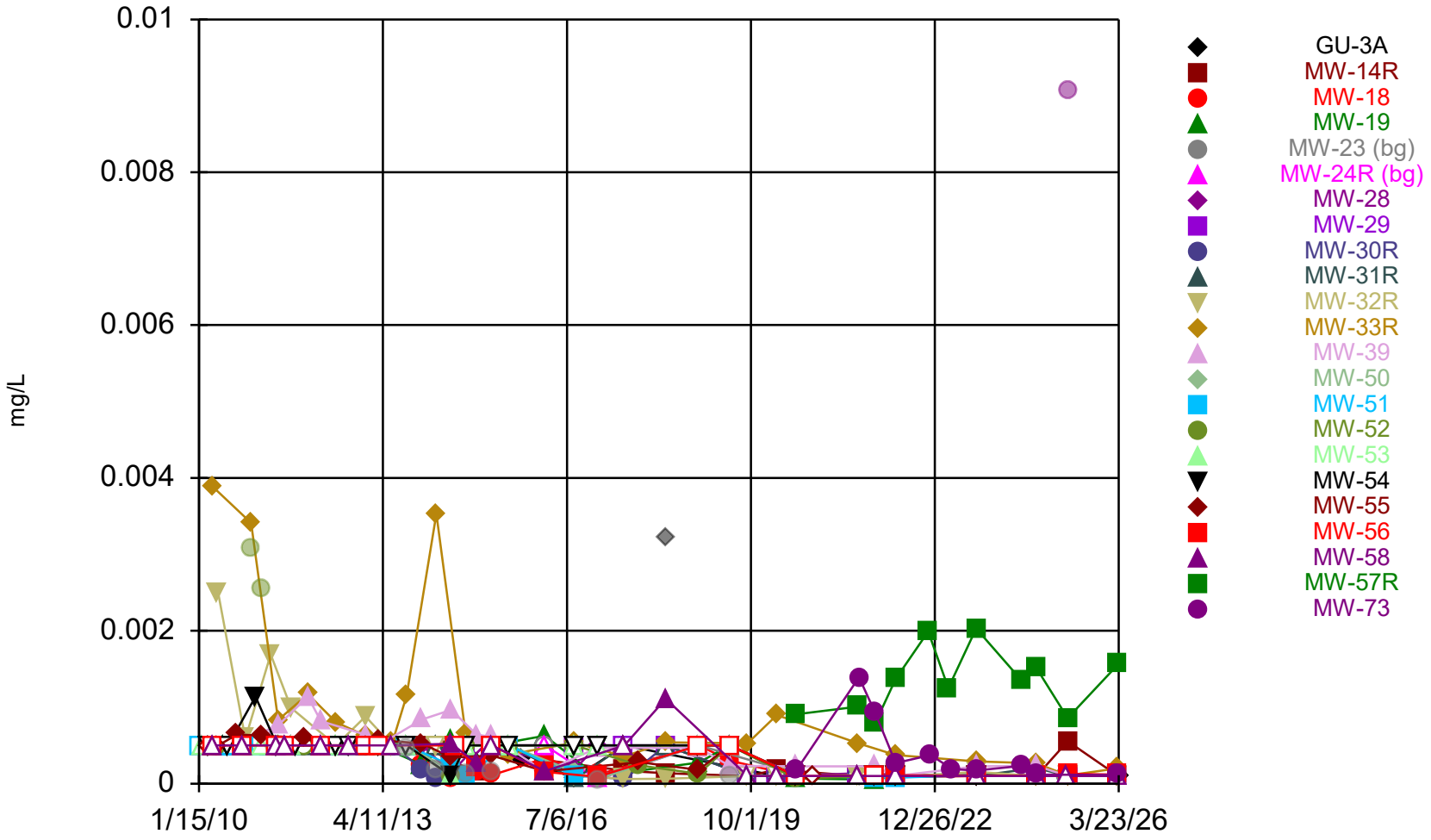


Constituent: Beta-BHC Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

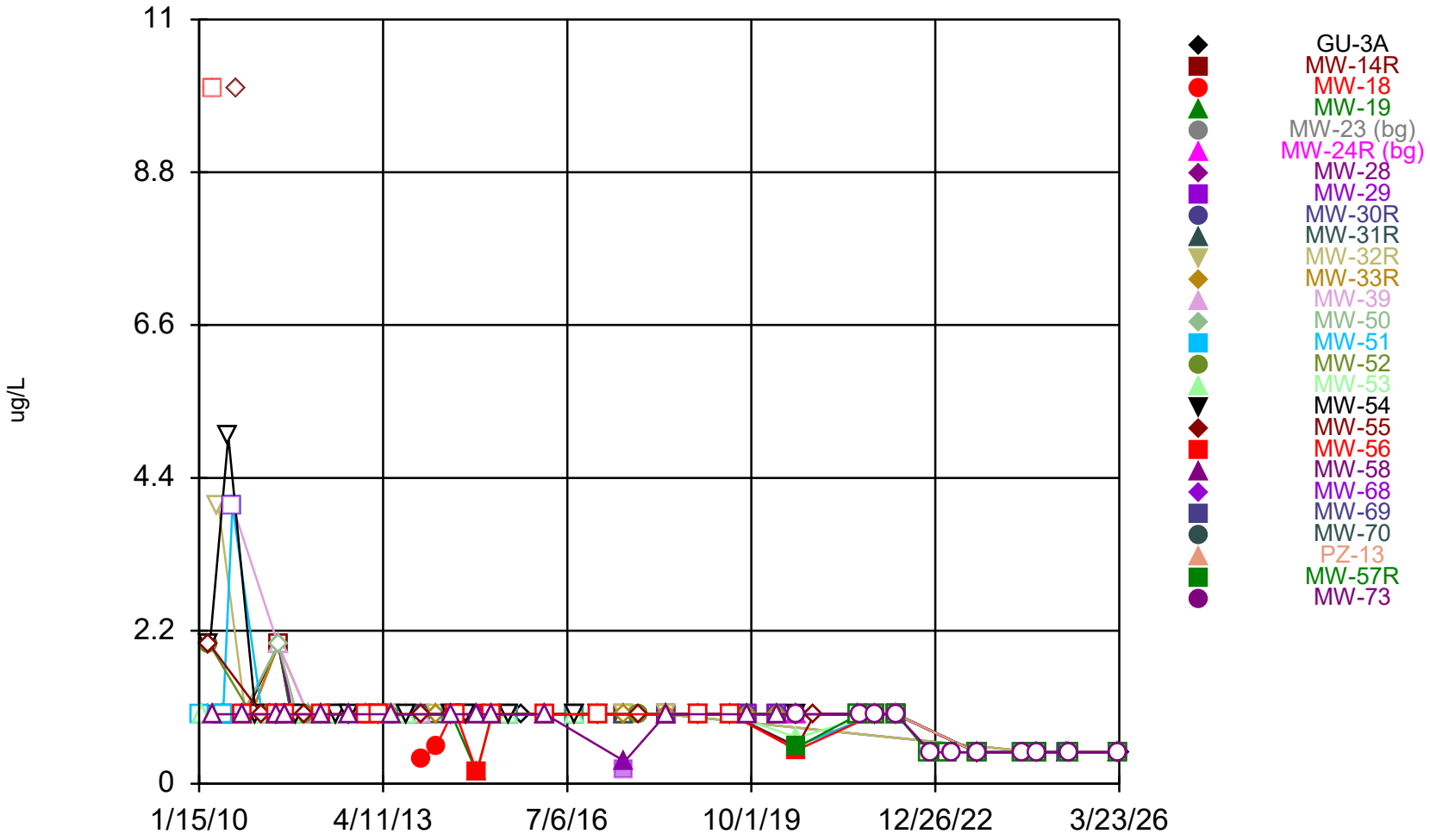


Constituent: Cadmium Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

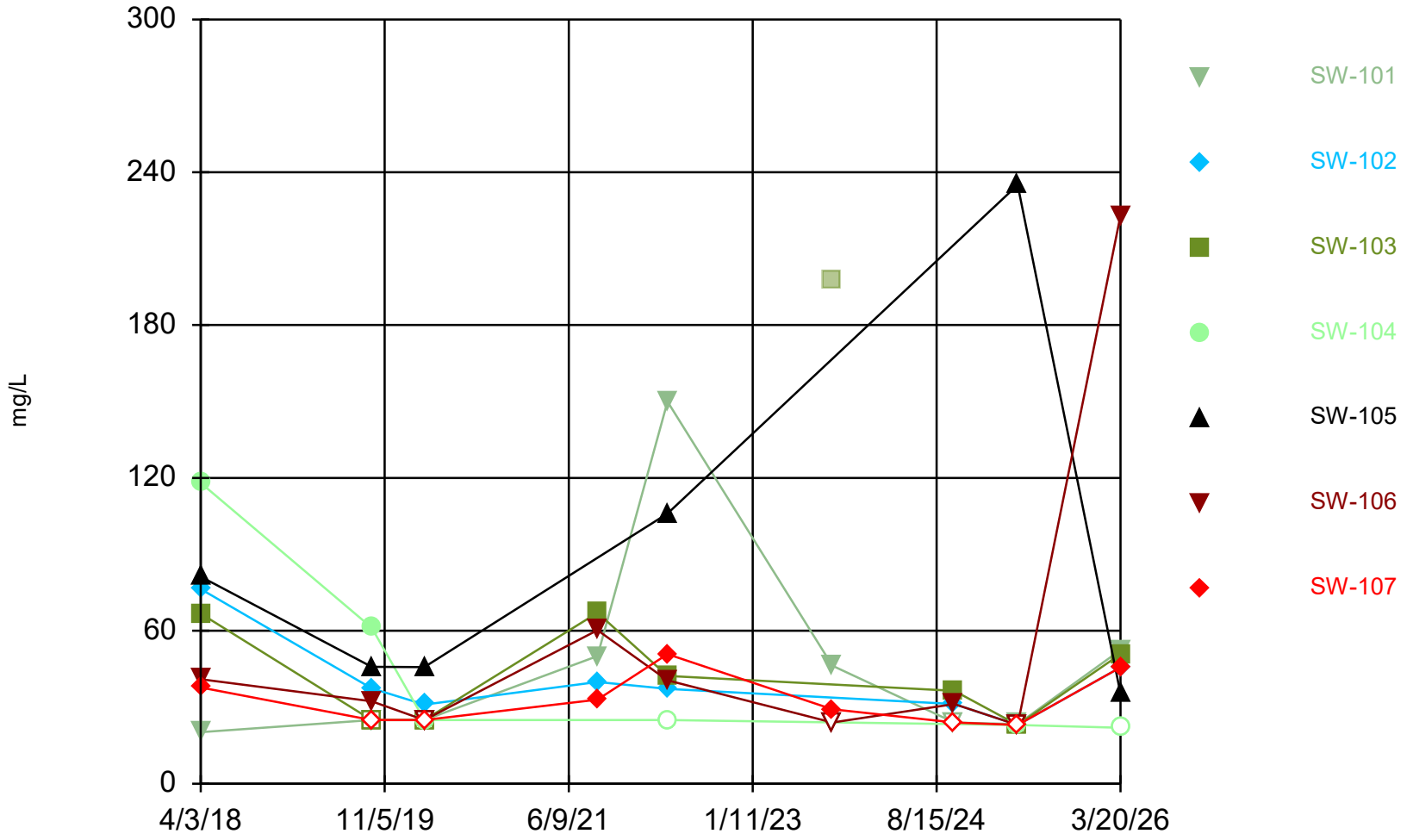


Constituent: Carbon Disulfide Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Time Serie

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

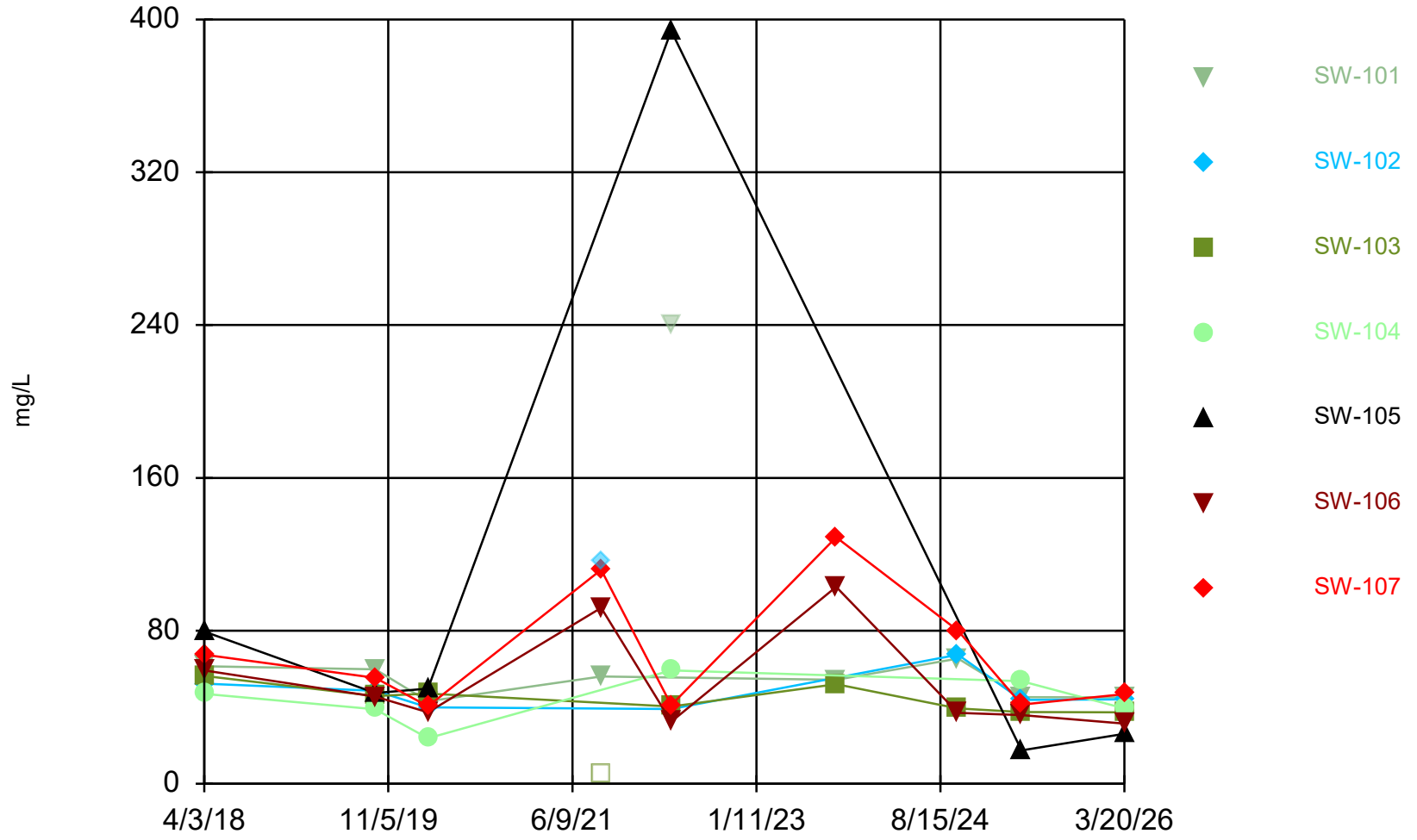
Time Series



Constituent: Chemical Oxygen Demand Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

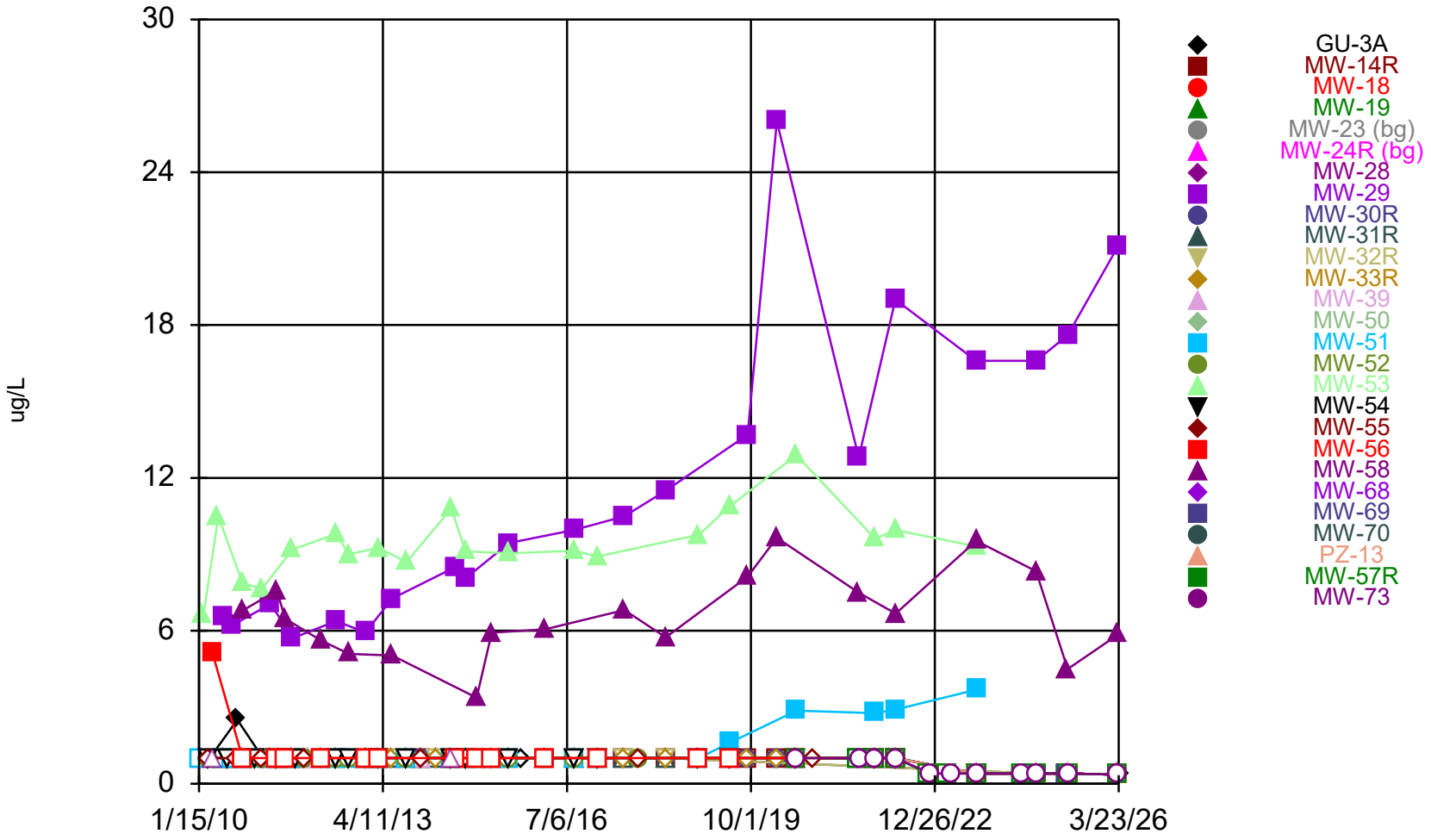


Constituent: Chloride Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Time Series_Box P

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

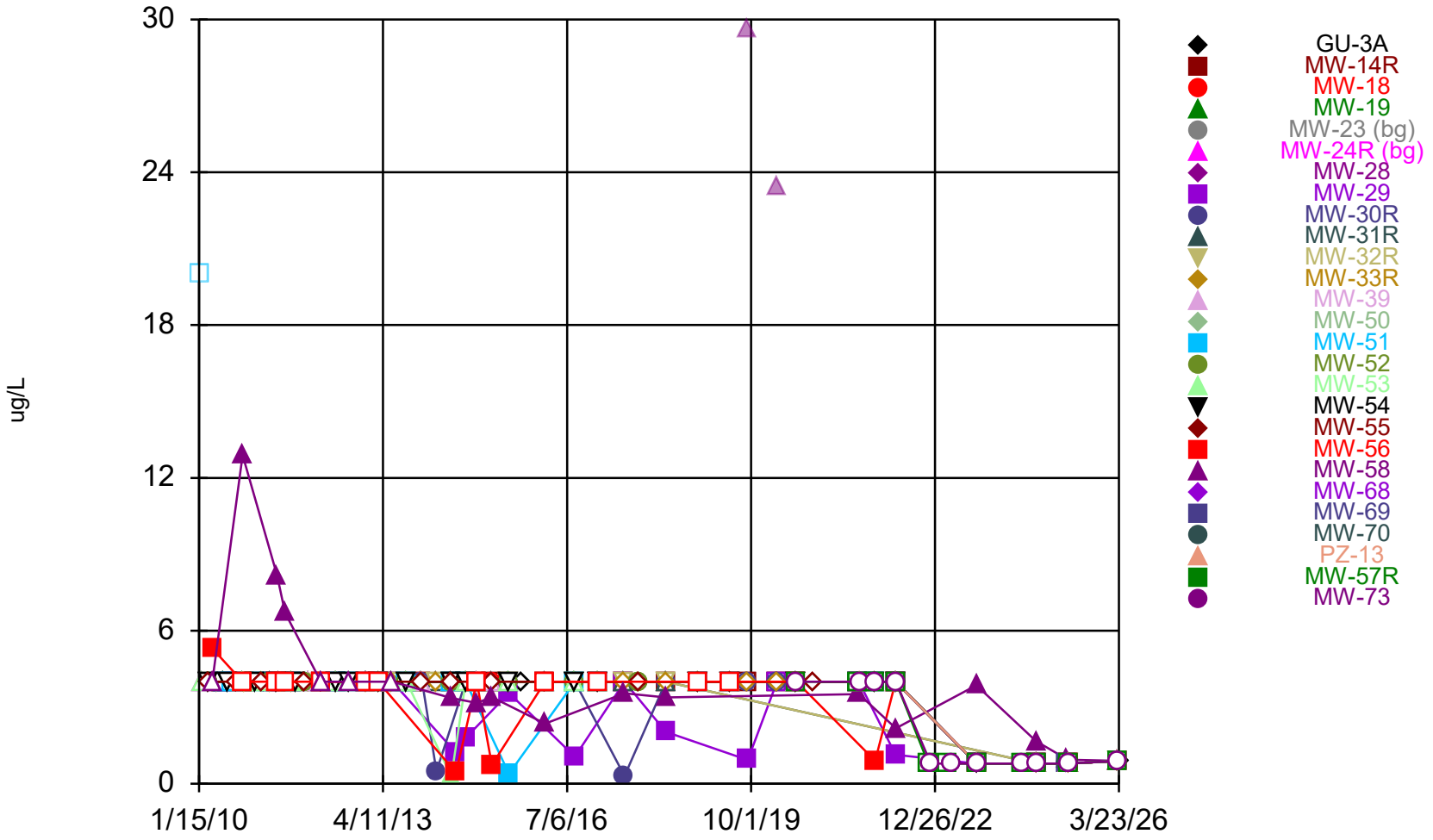


Constituent: Chlorobenzene Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

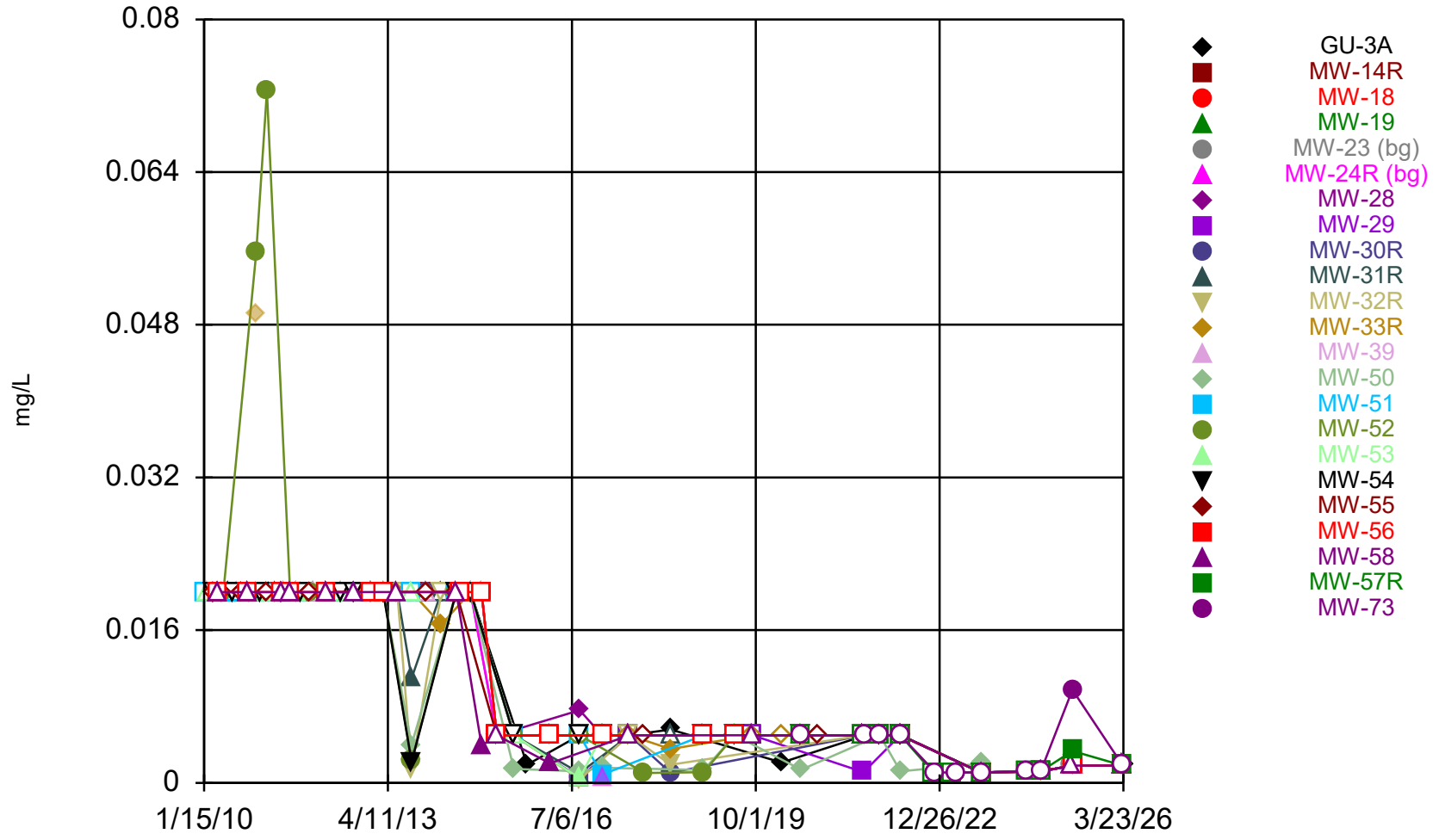


Constituent: Chloroethane Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Time Series_

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

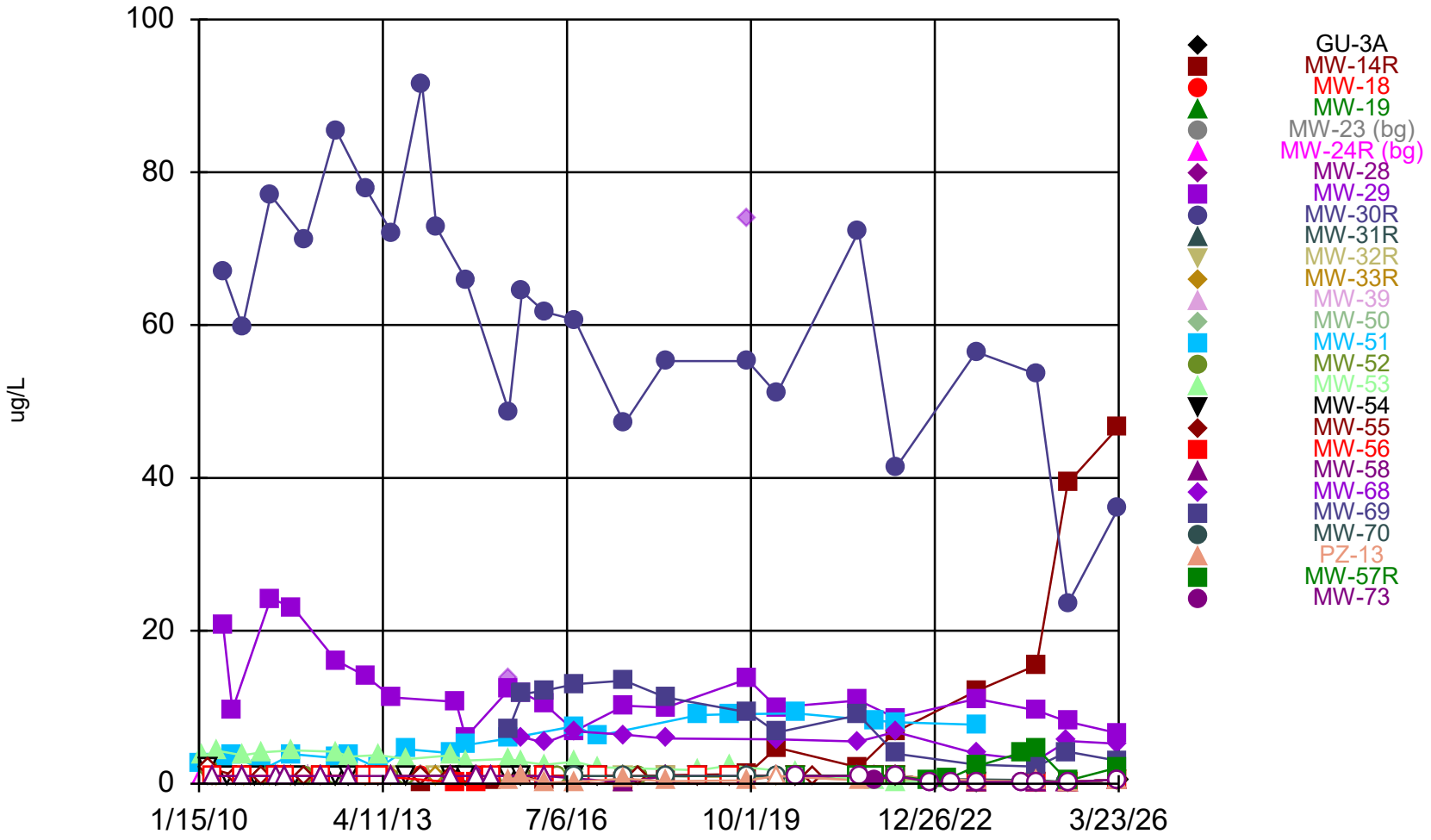


Constituent: Chromium Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

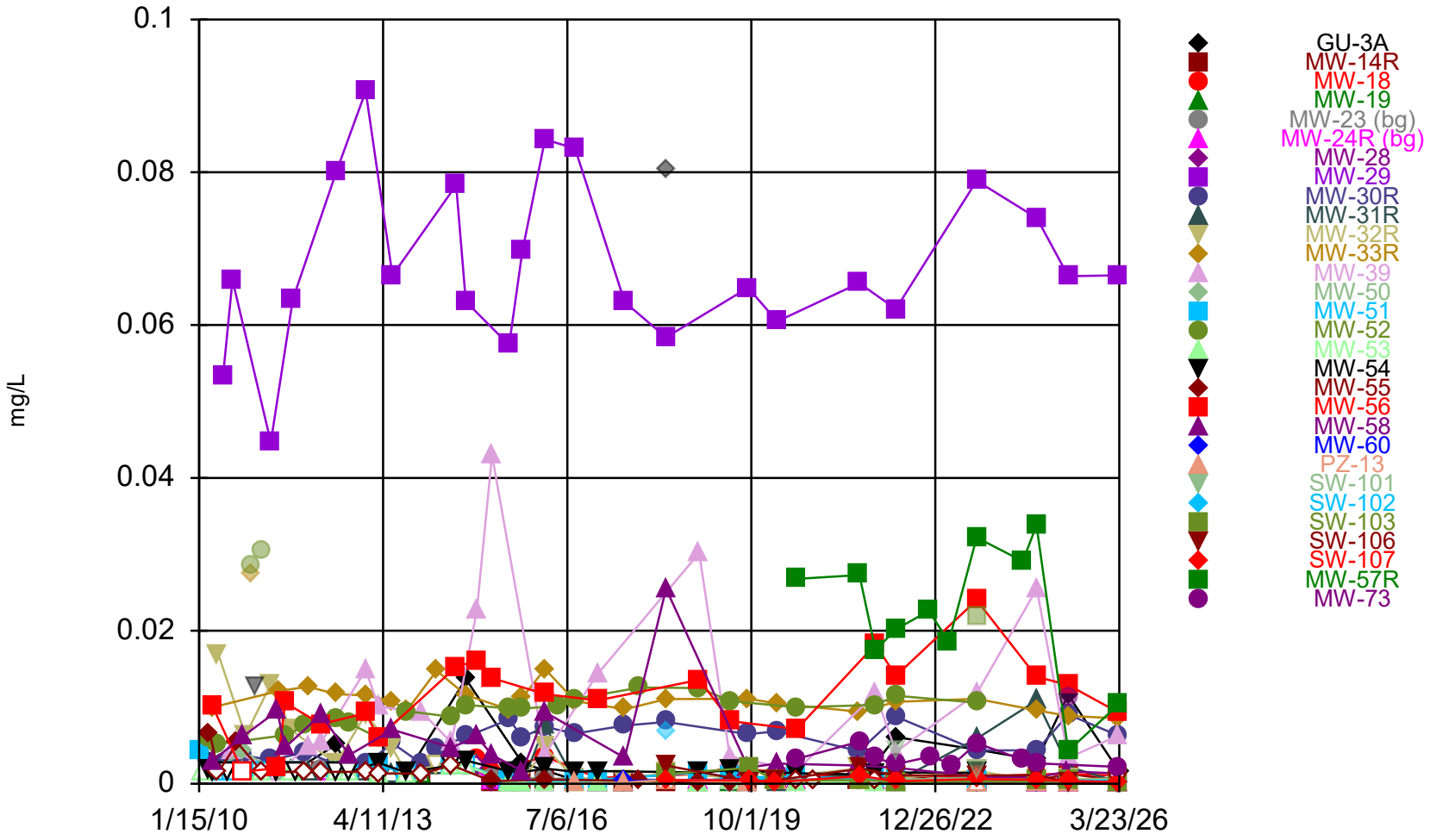


Constituent: cis-1,2-Dichloroethene Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Time

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

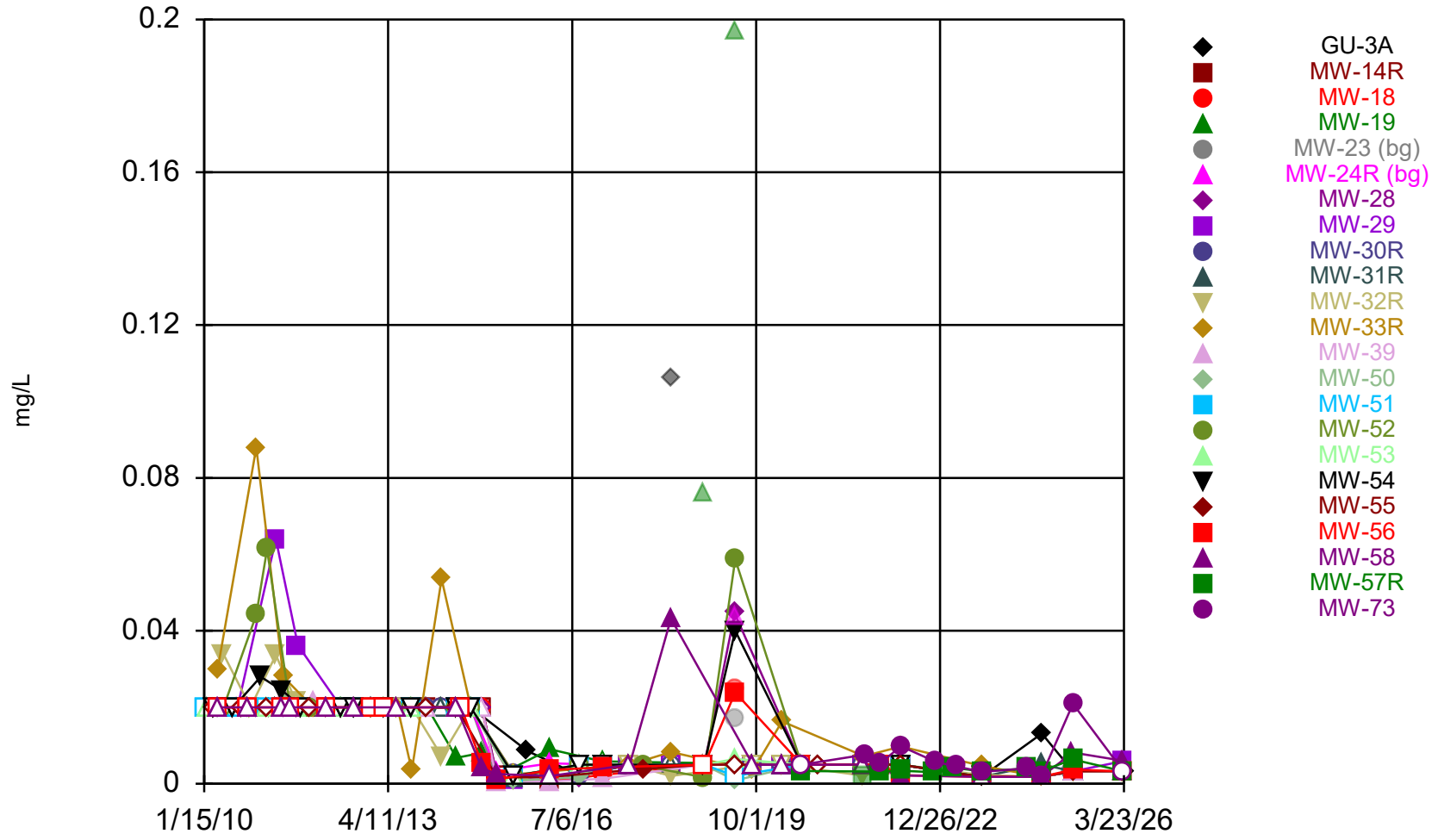


Constituent: Cobalt Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Time Series_Box Plo

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

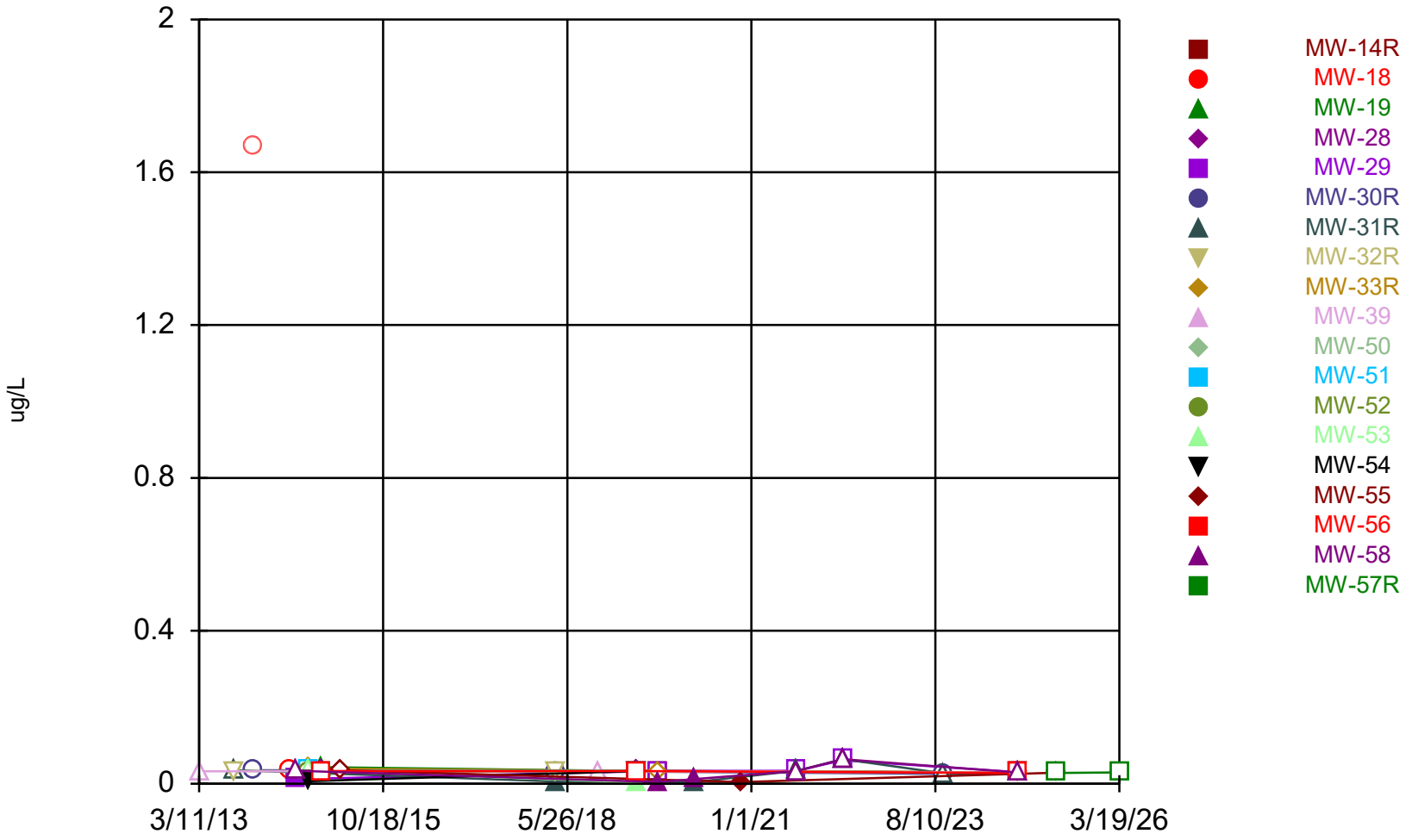


Constituent: Copper Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Time Series_Box PI

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

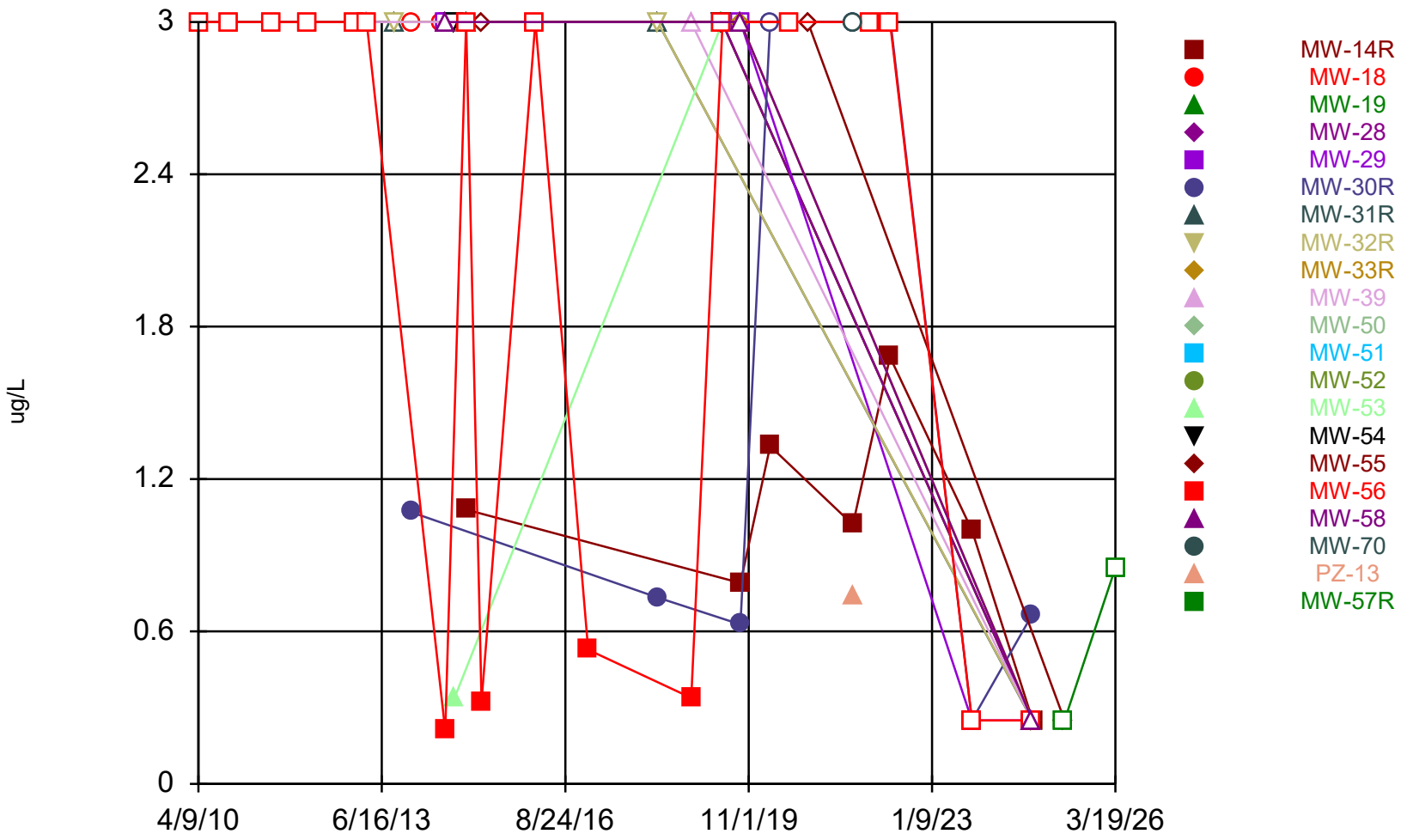


Constituent: Delta-BHC Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Time Series_Bo

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

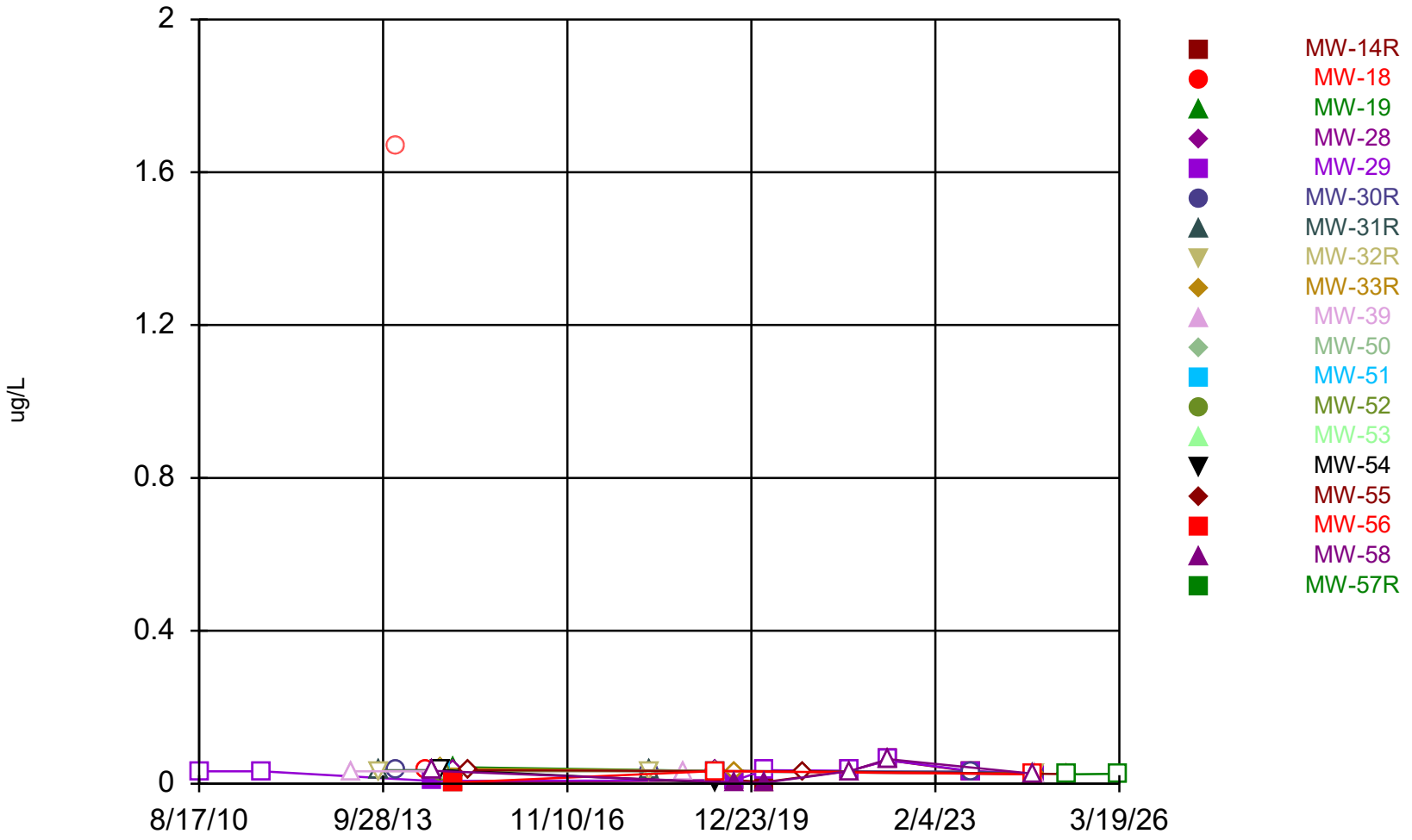


Constituent: Dichlorodifluoromethane Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Ti

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

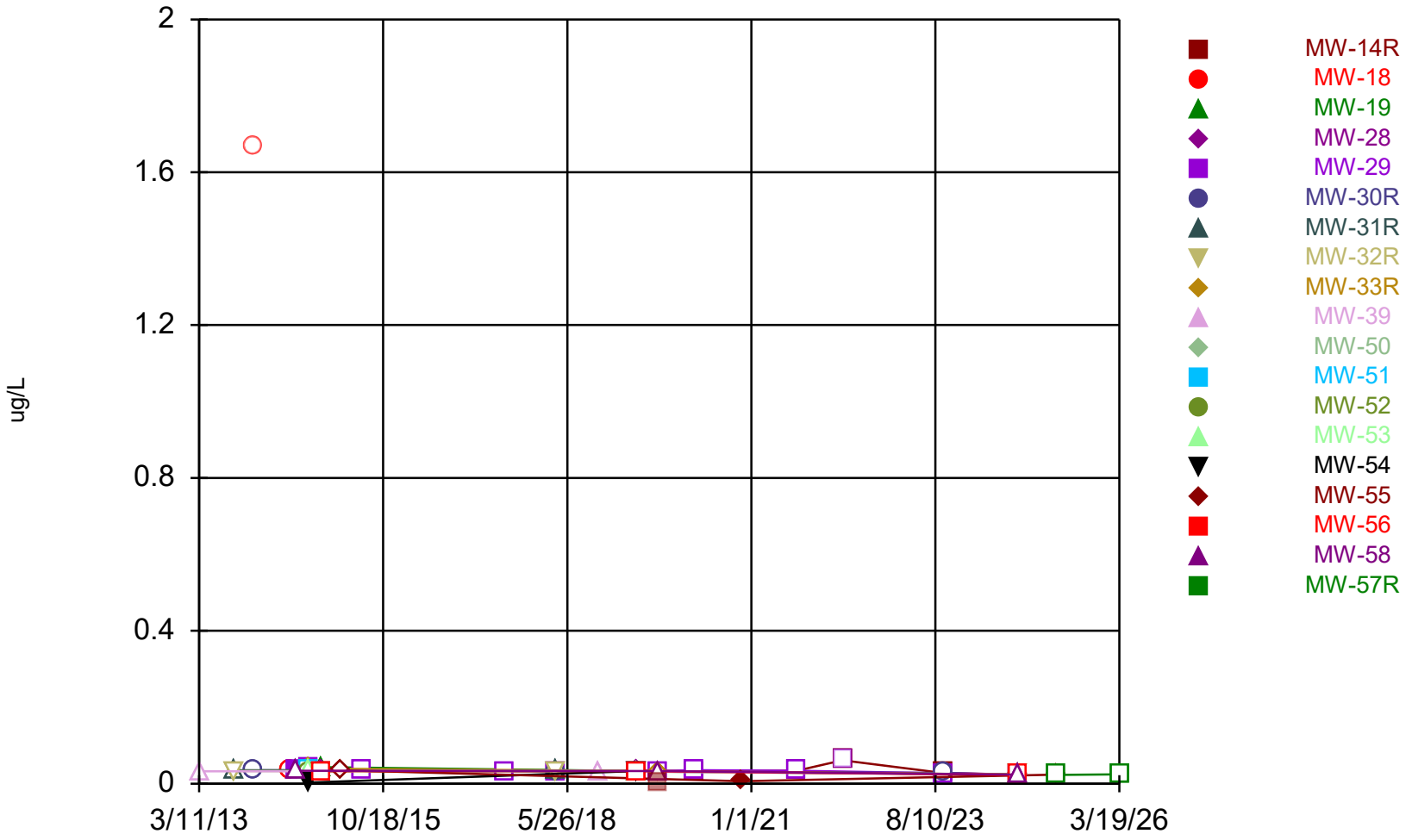


Constituent: Endosulfan I Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Time Series_B

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

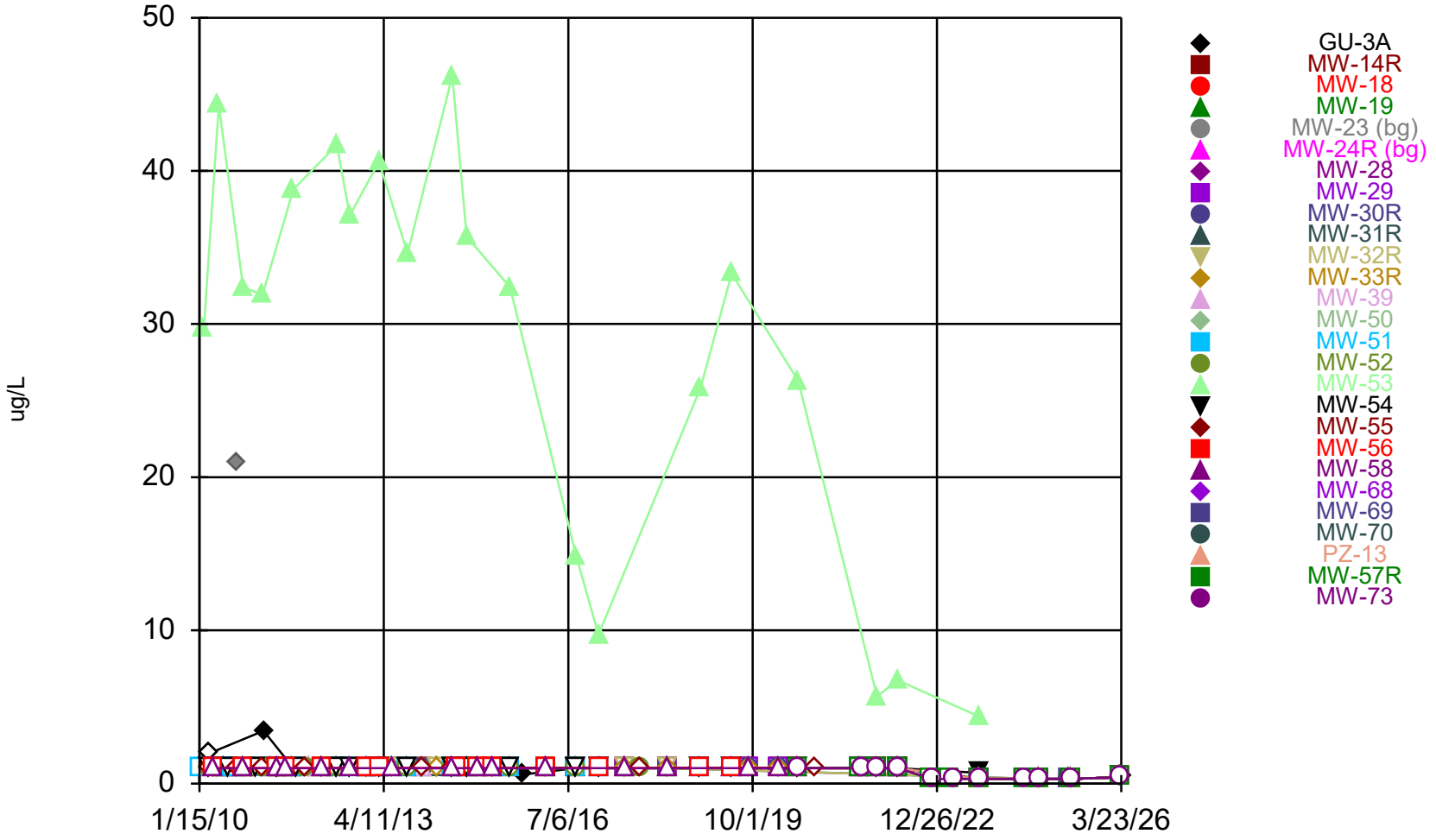


Constituent: Endosulfan II Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Time Series_

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

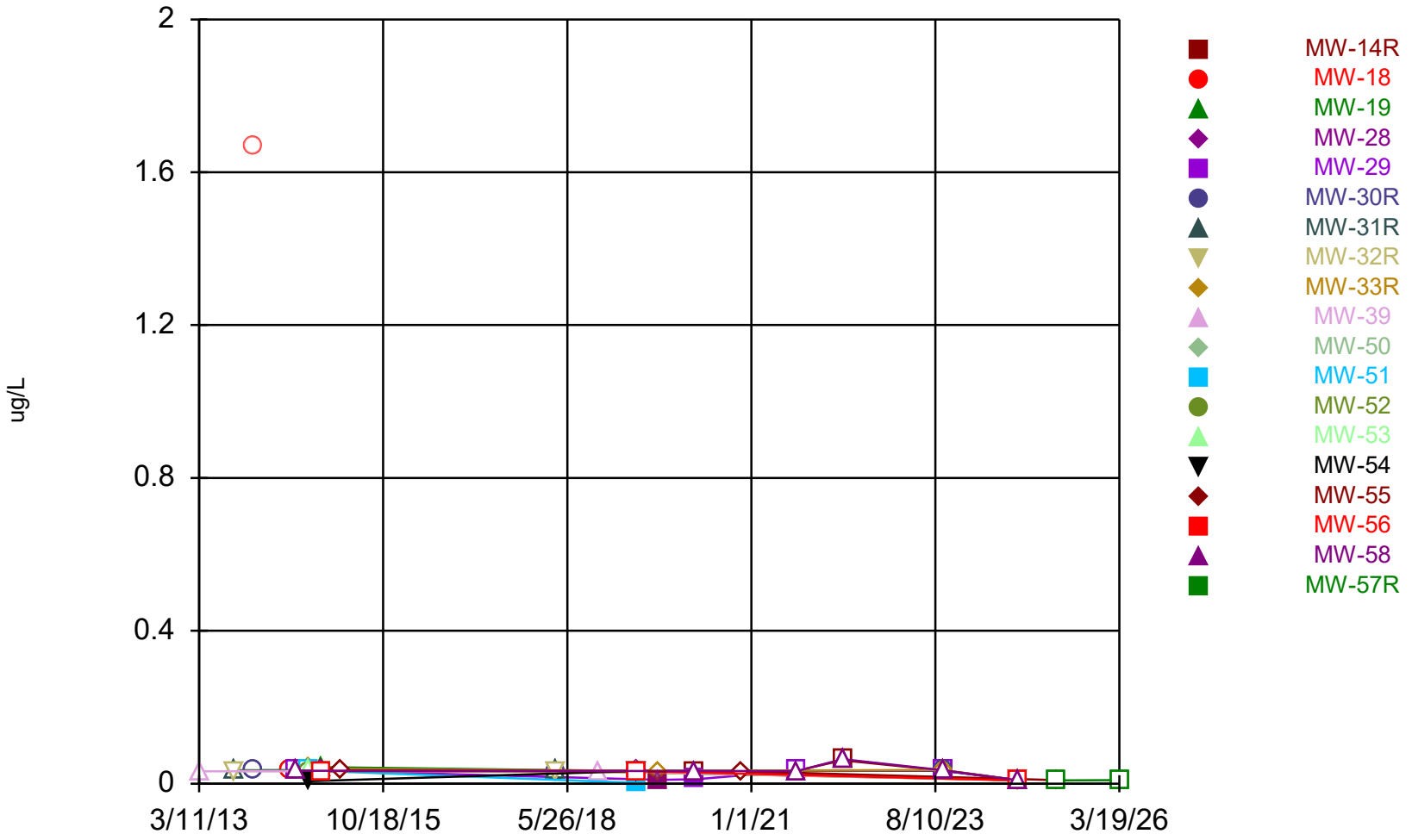


Constituent: Ethylbenzene Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Time Series_

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

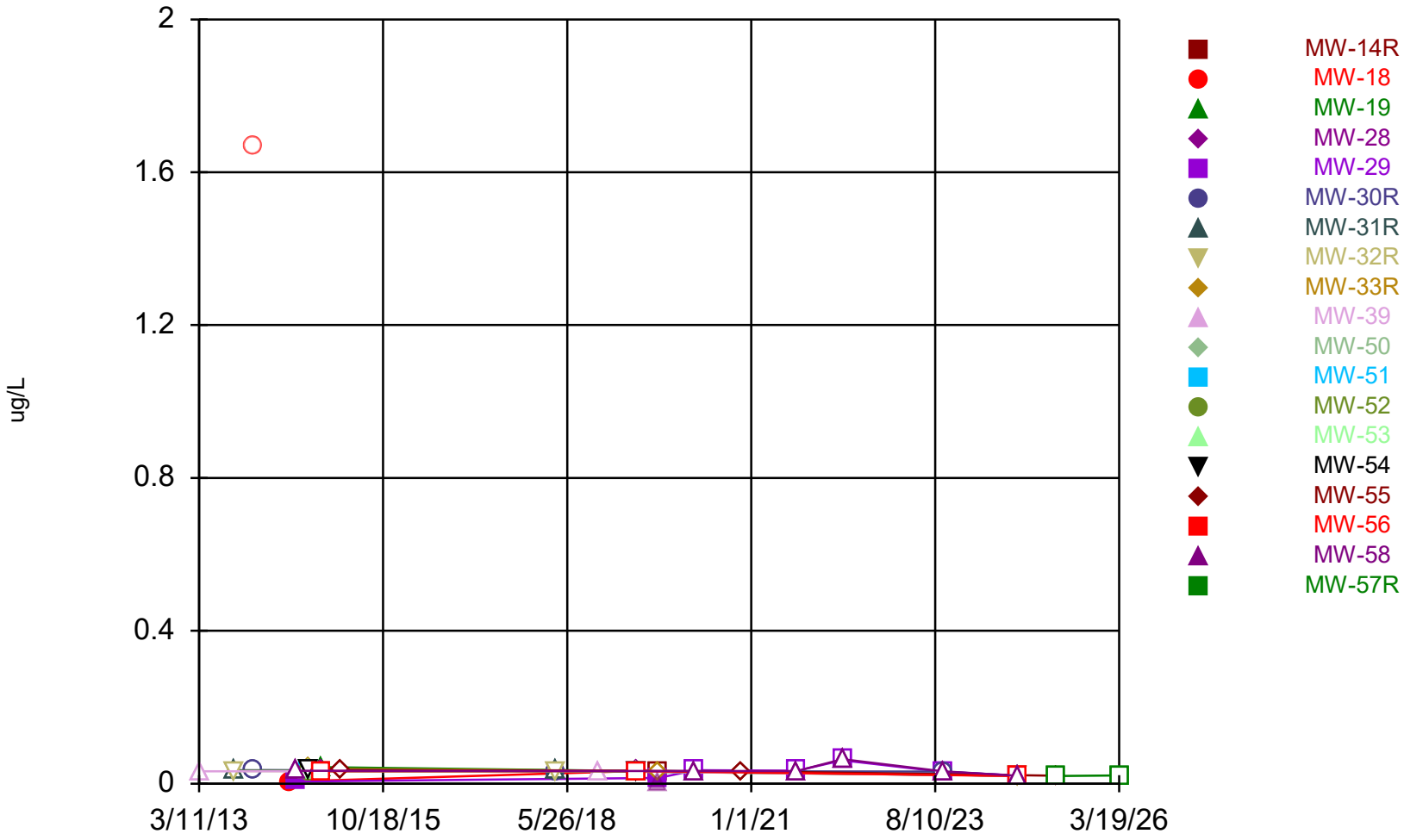


Constituent: Gamma-BHC [Lindane] Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Tim

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

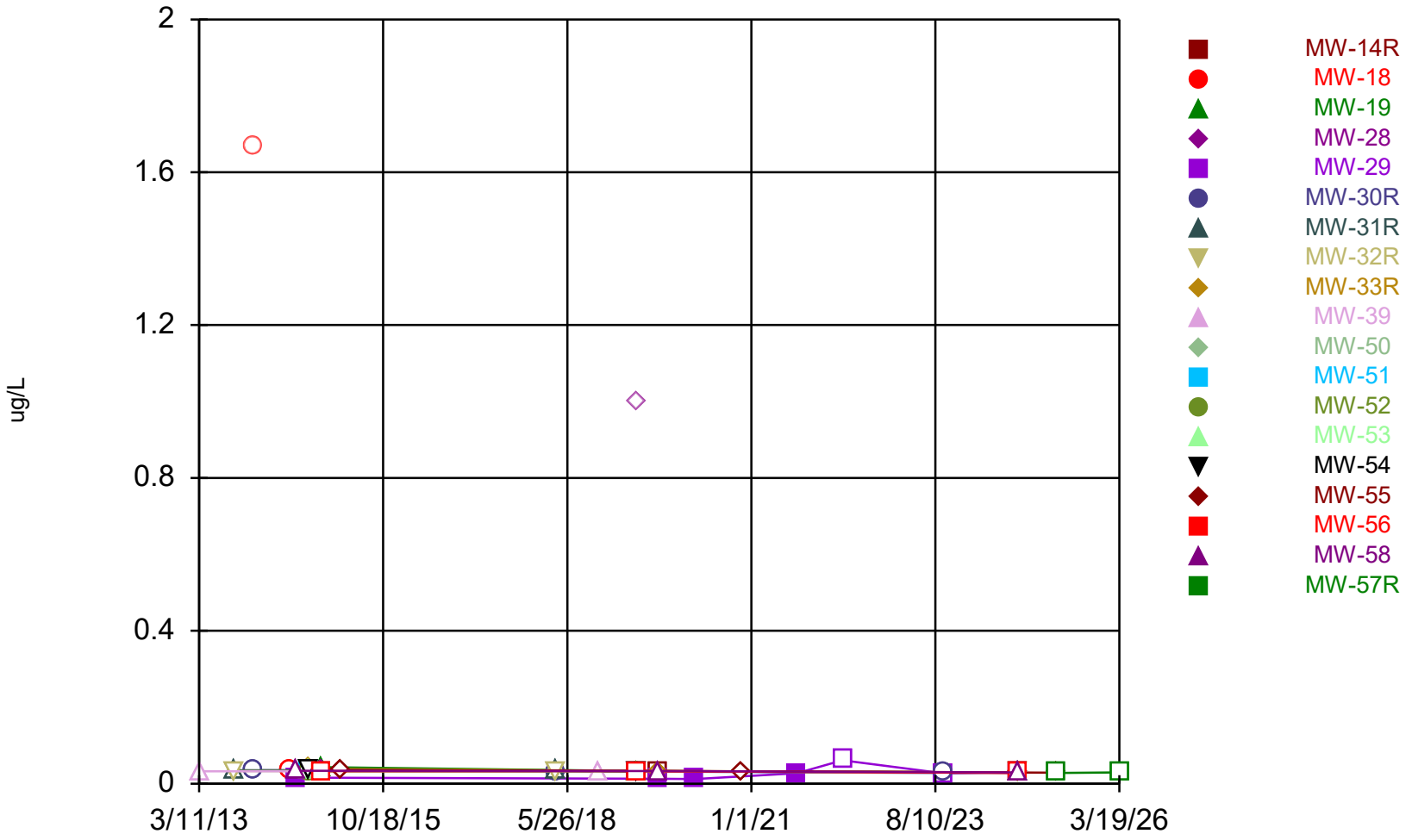


Constituent: Heptachlor Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Time Series_Bo

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

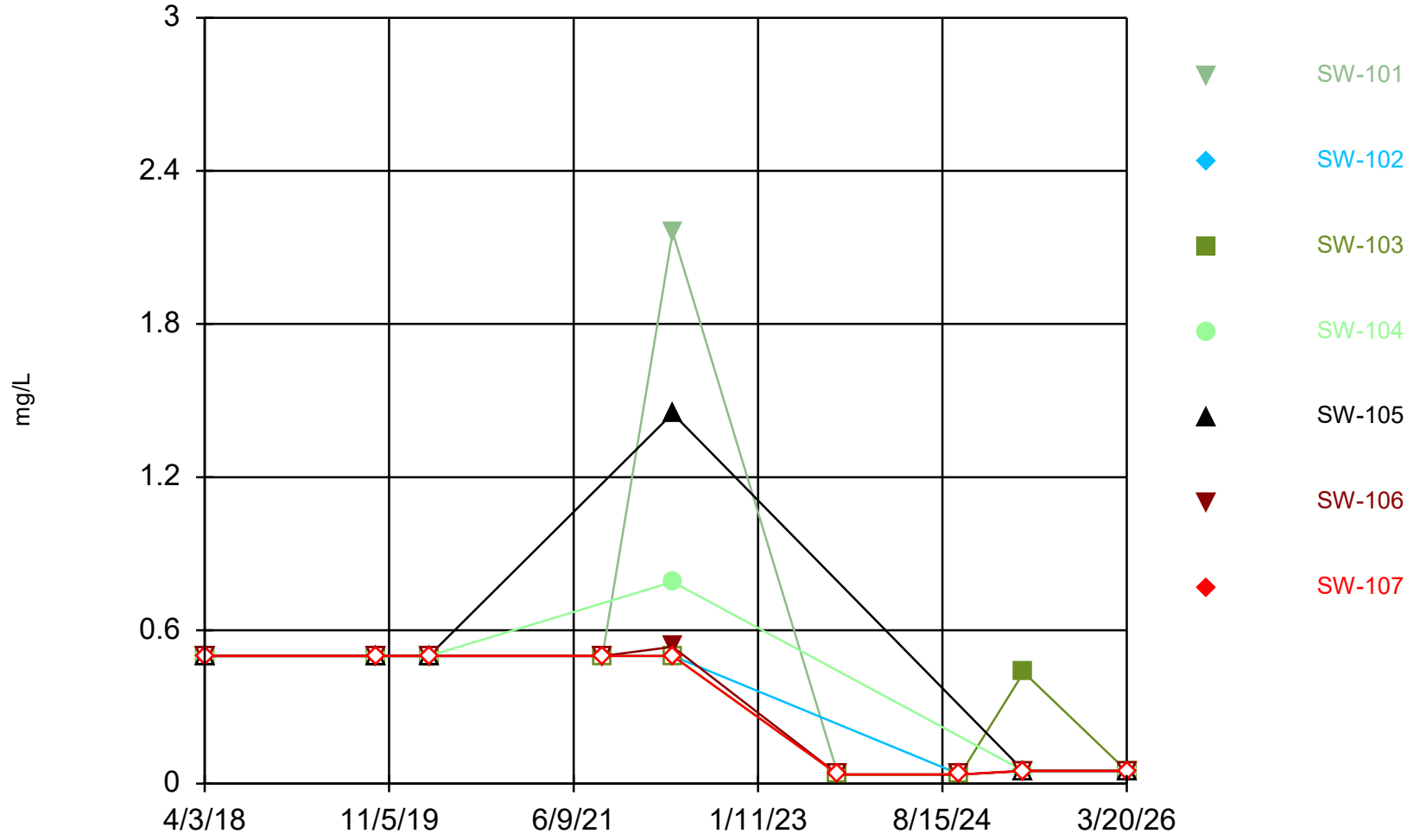


Constituent: Heptachlor Epoxide Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Time S

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

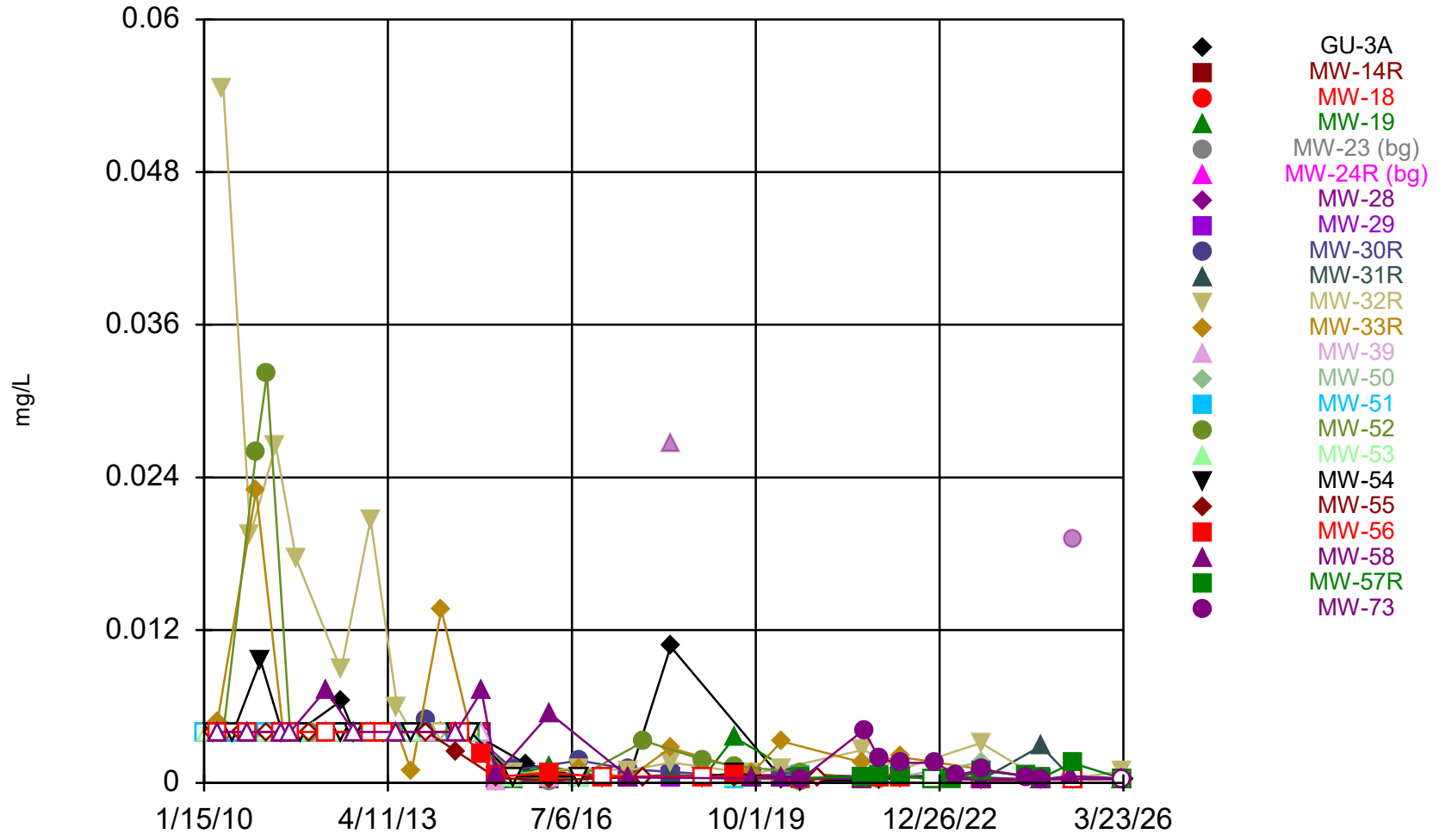


Constituent: Iron, Dissolved Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

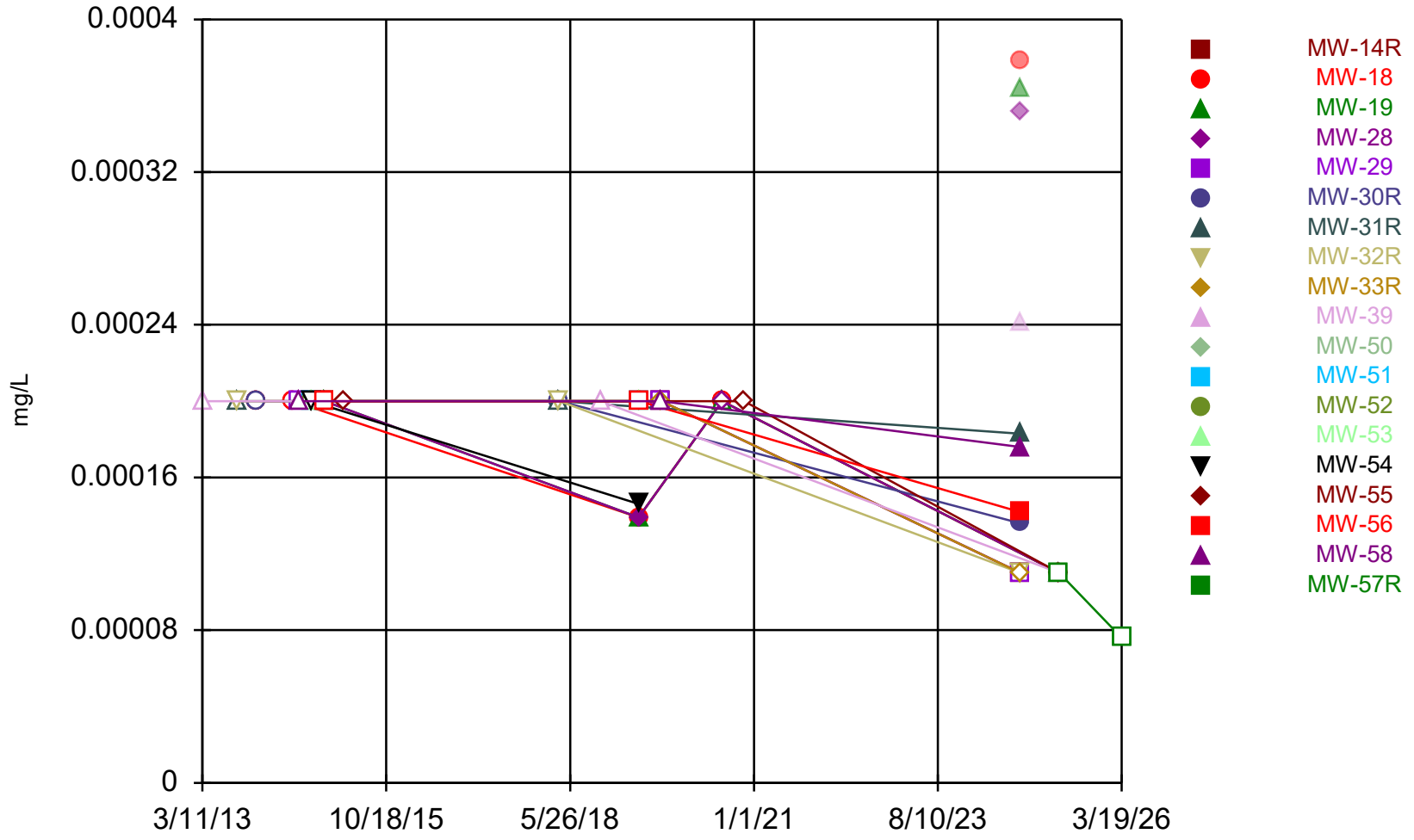


Constituent: Lead Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Time Series_Box Plots

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

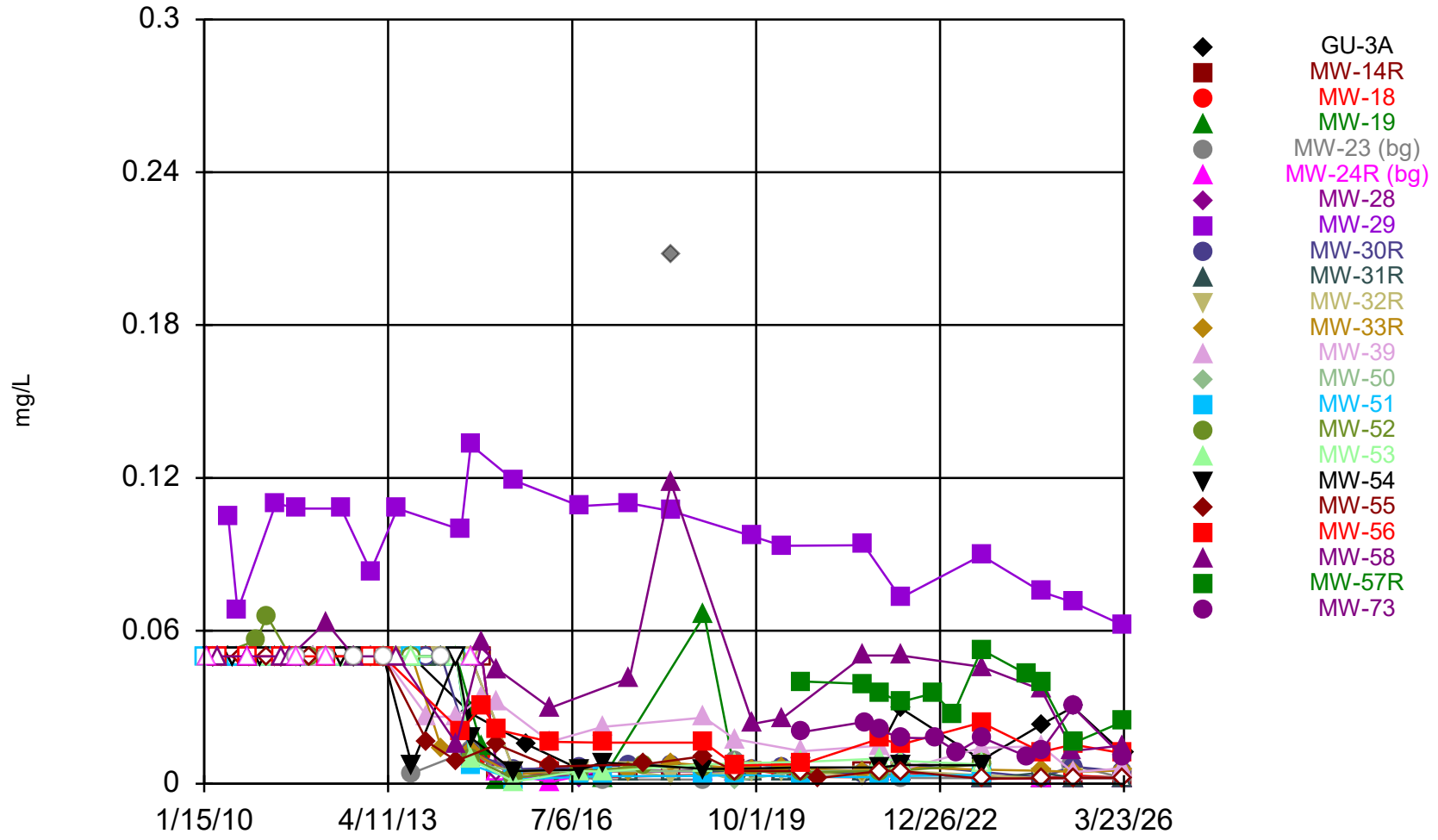


Constituent: Mercury Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Time Series_Box P

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

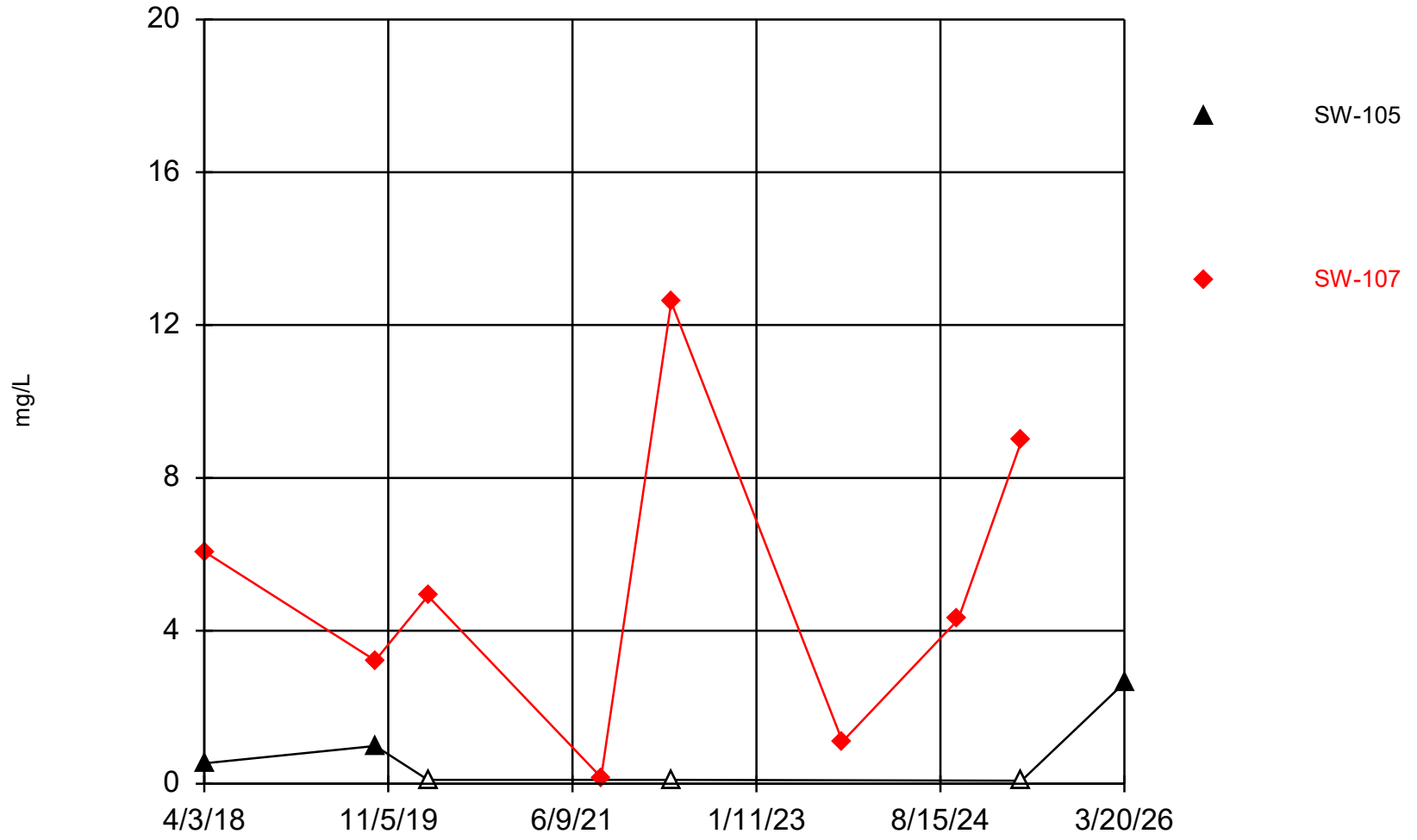


Constituent: Nickel Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Time Series_Box Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

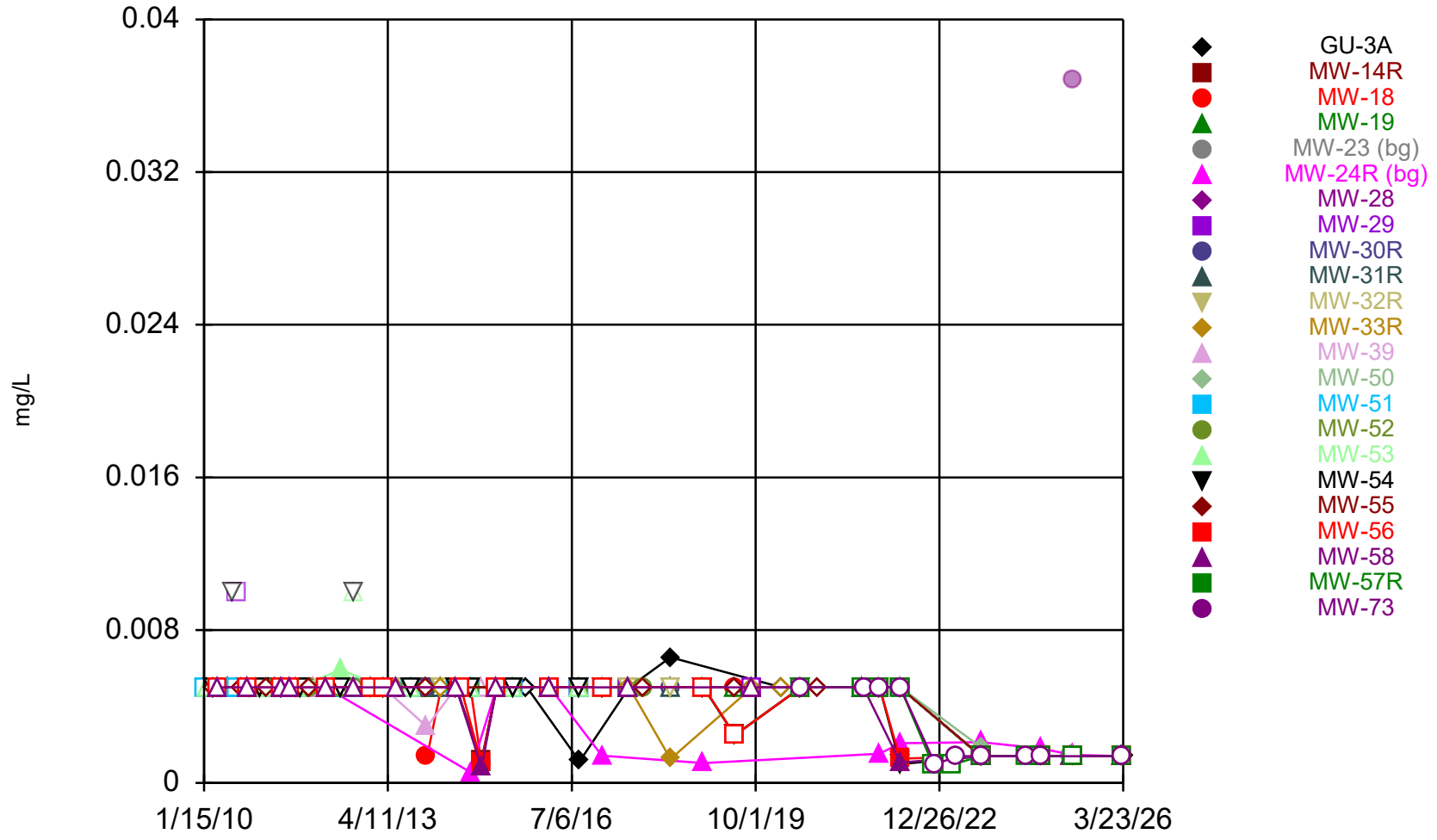


Constituent: Nitrate as N Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Time Series_B

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

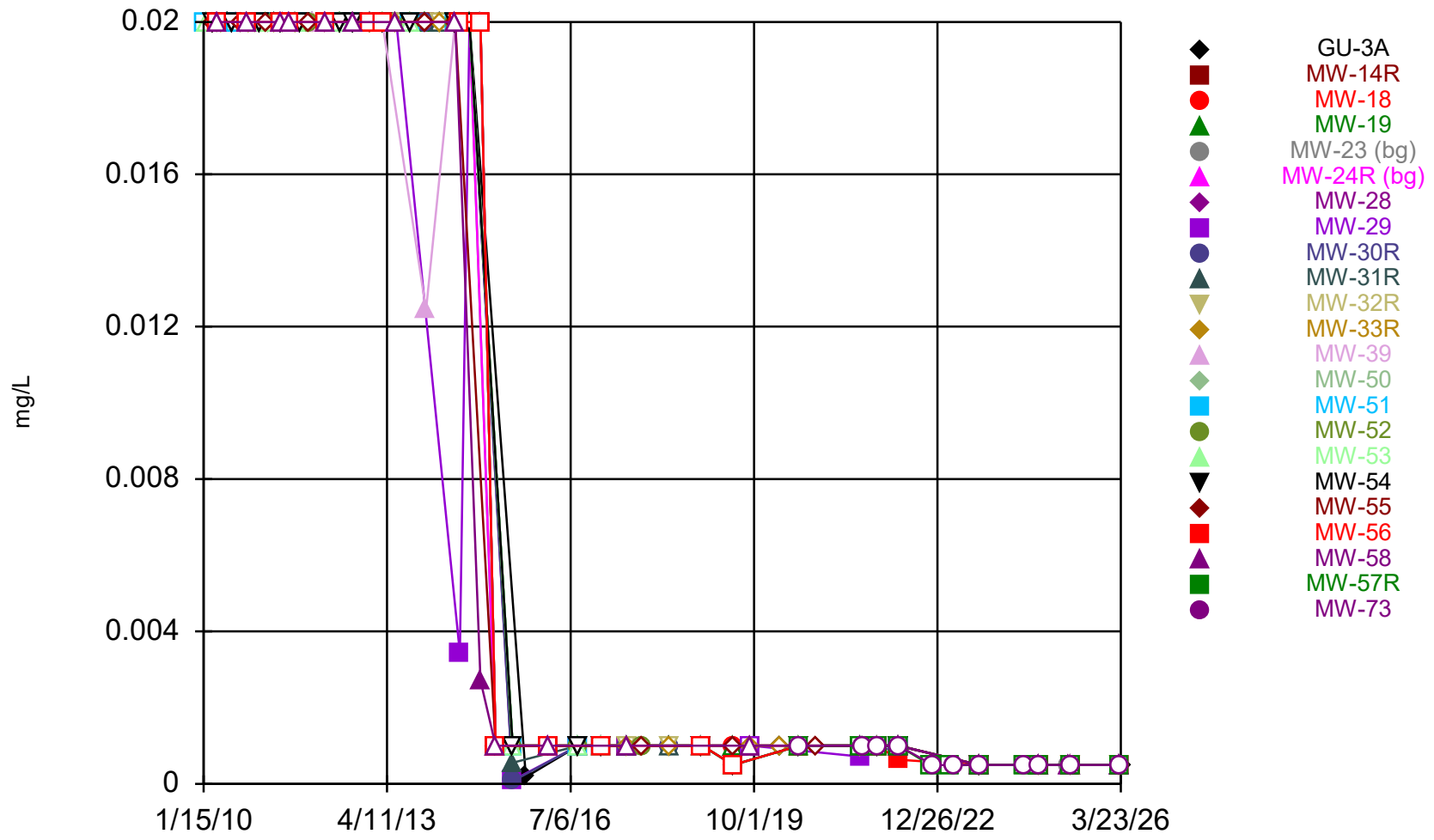


Constituent: Selenium Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

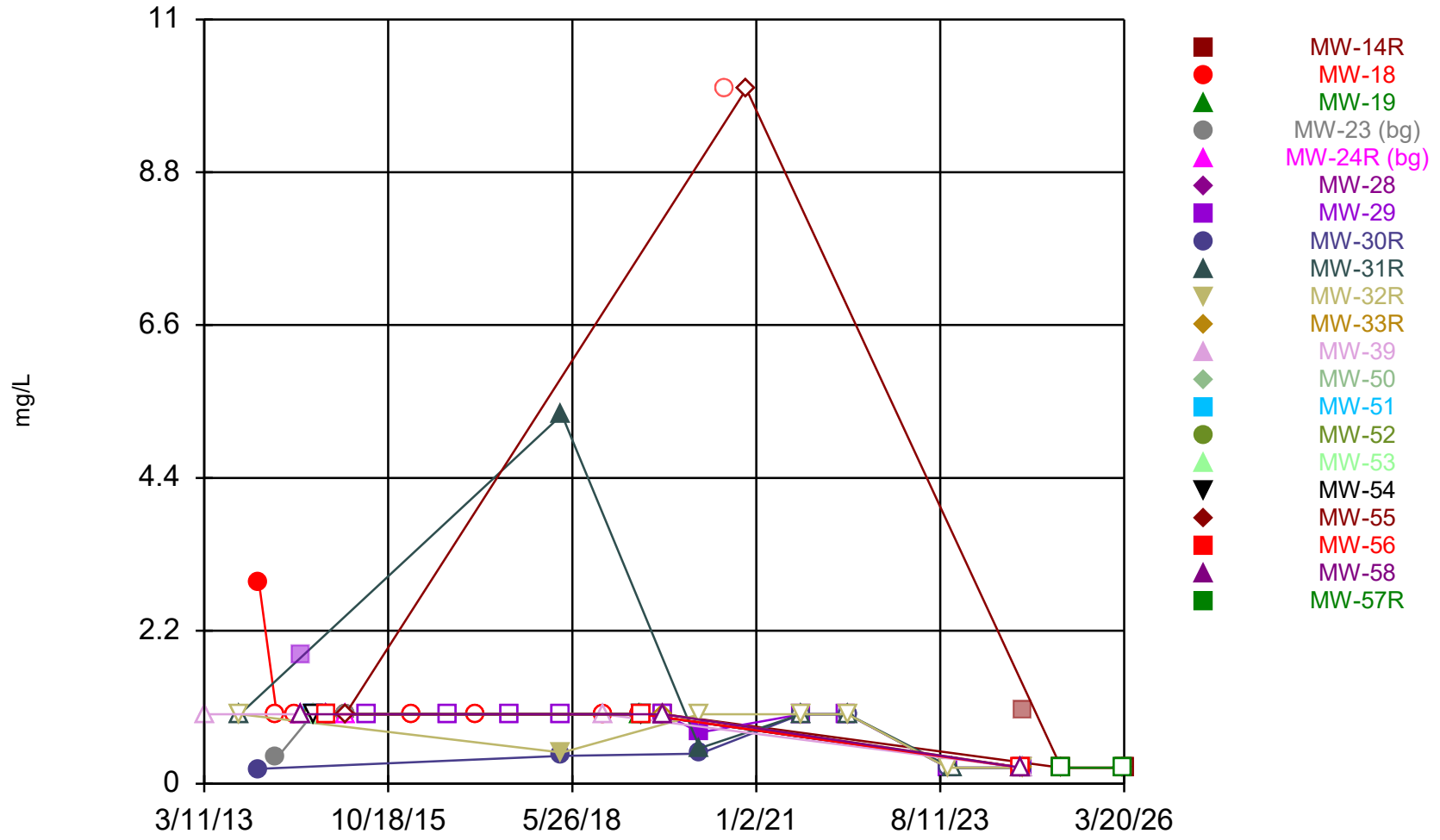


Constituent: Silver Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Time Series_Box Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

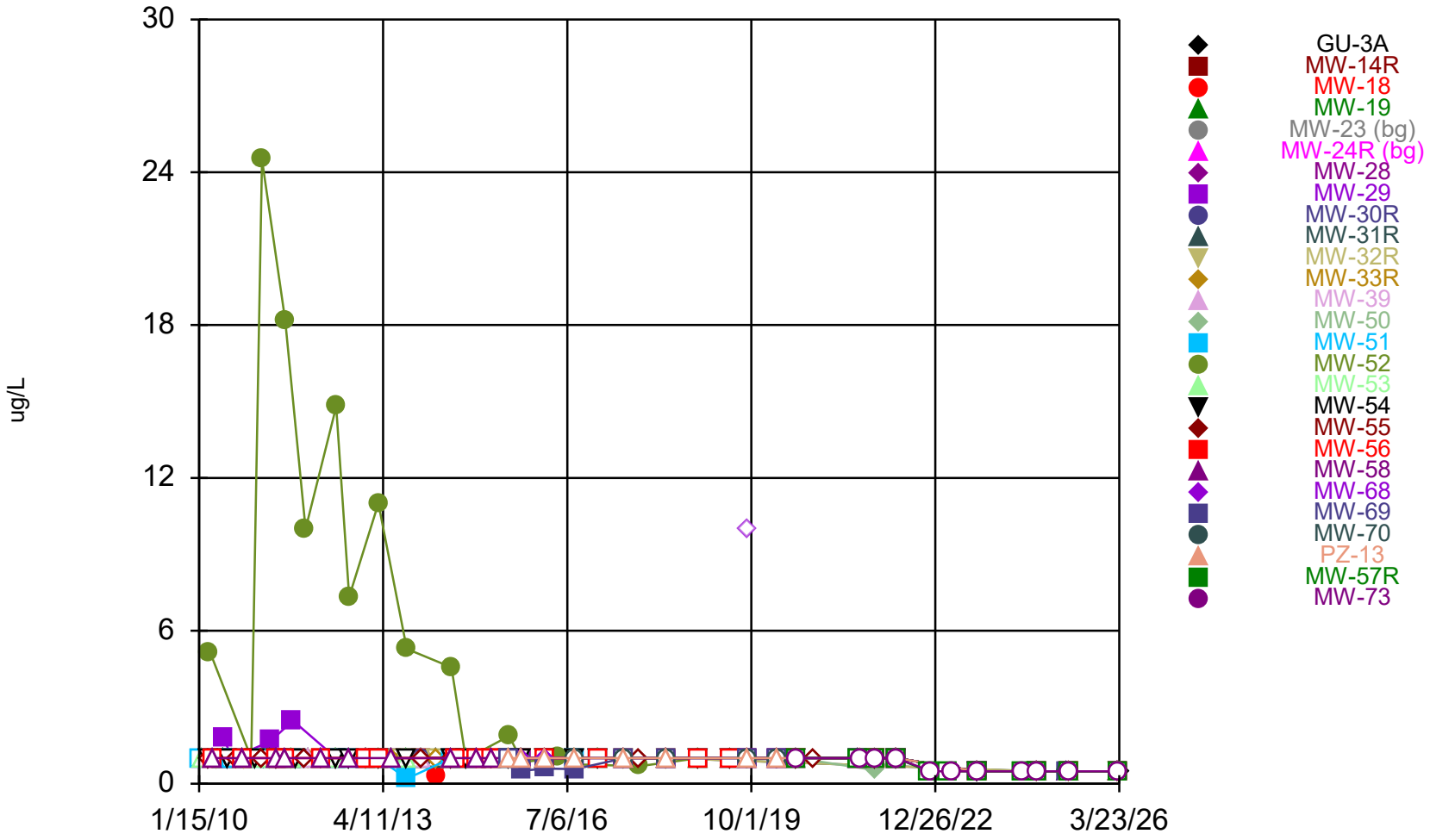


Constituent: Sulfide Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Time Series_Box PI

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

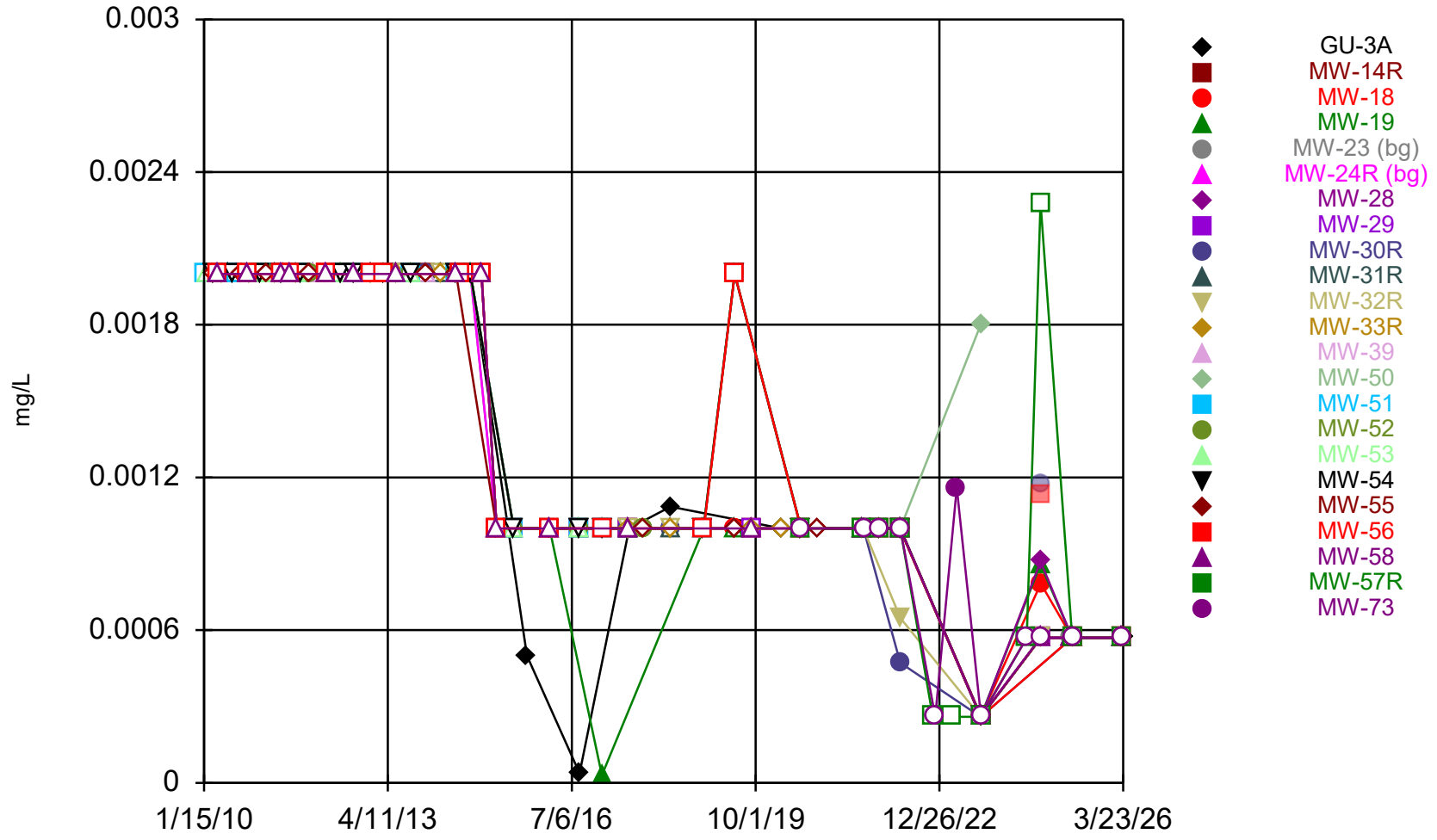


Constituent: Tetrachloroethene Analysis Run 4/29/2026 2:02 PM View: 2_Descriptive Statistics - Time Ser

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

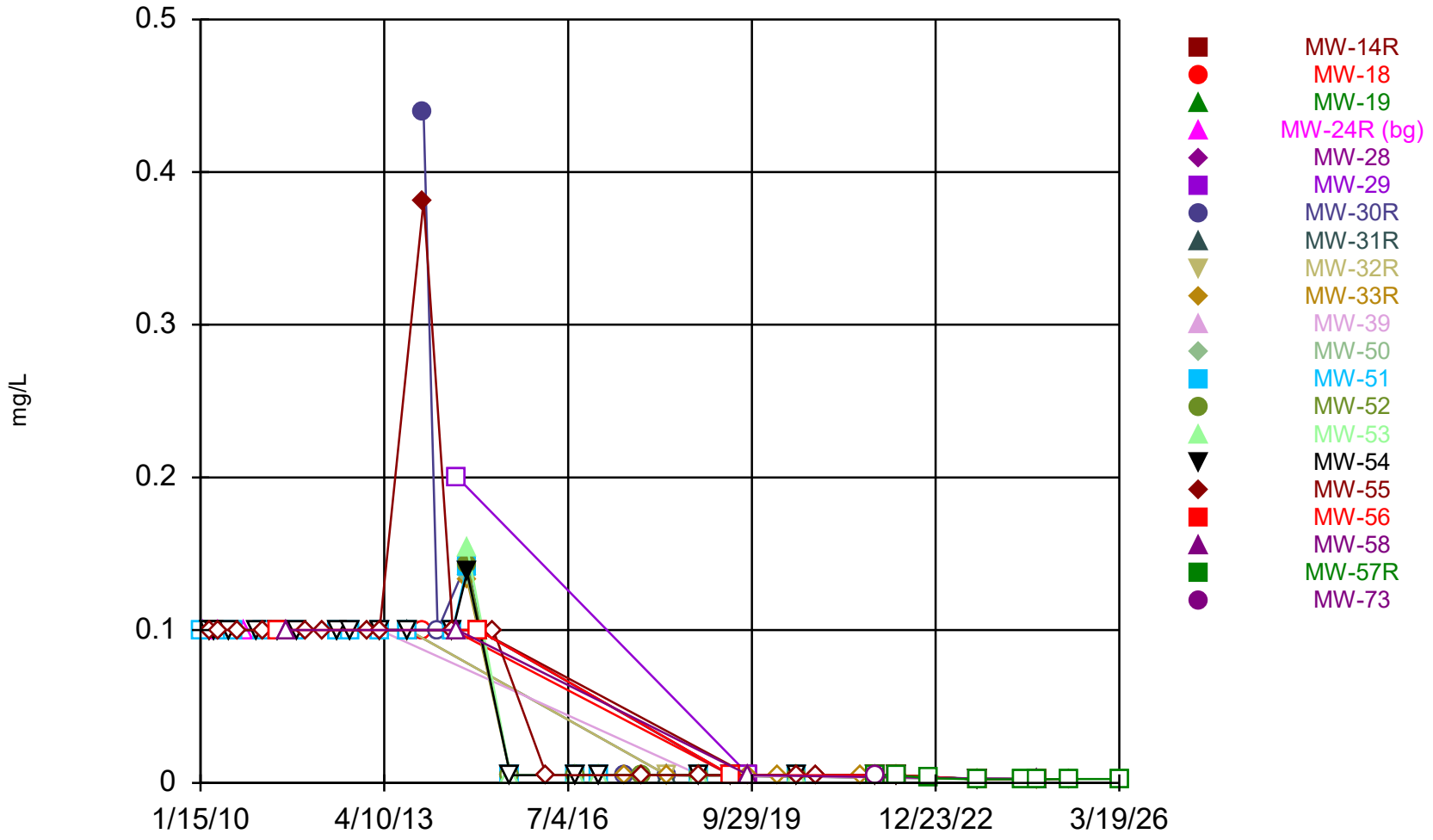


Constituent: Thallium Analysis Run 4/29/2026 2:03 PM View: 2_Descriptive Statistics - Time Series_Box P

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

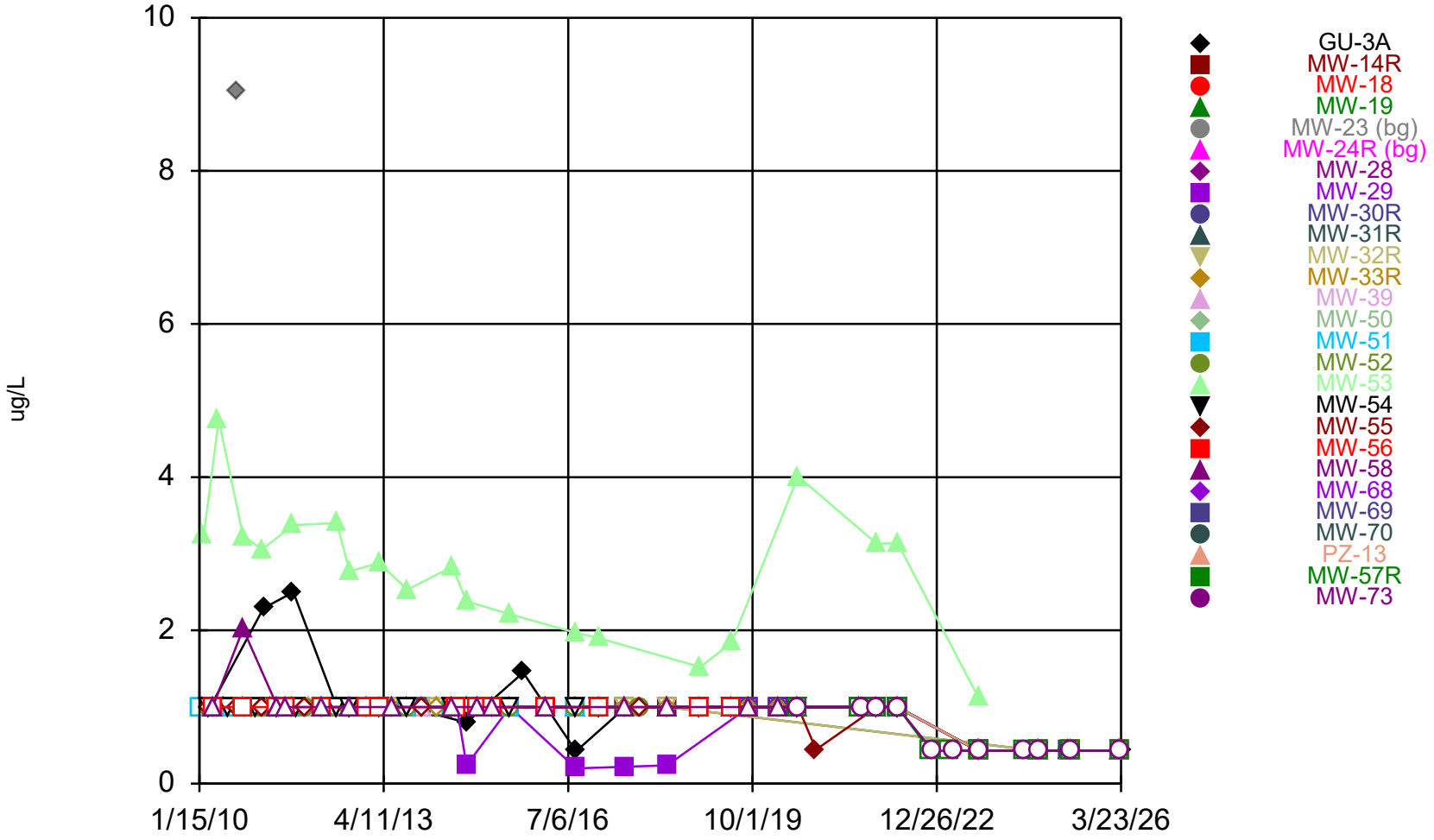


Constituent: Tin Analysis Run 4/29/2026 2:03 PM View: 2_Descriptive Statistics - Time Series_Box Plots

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

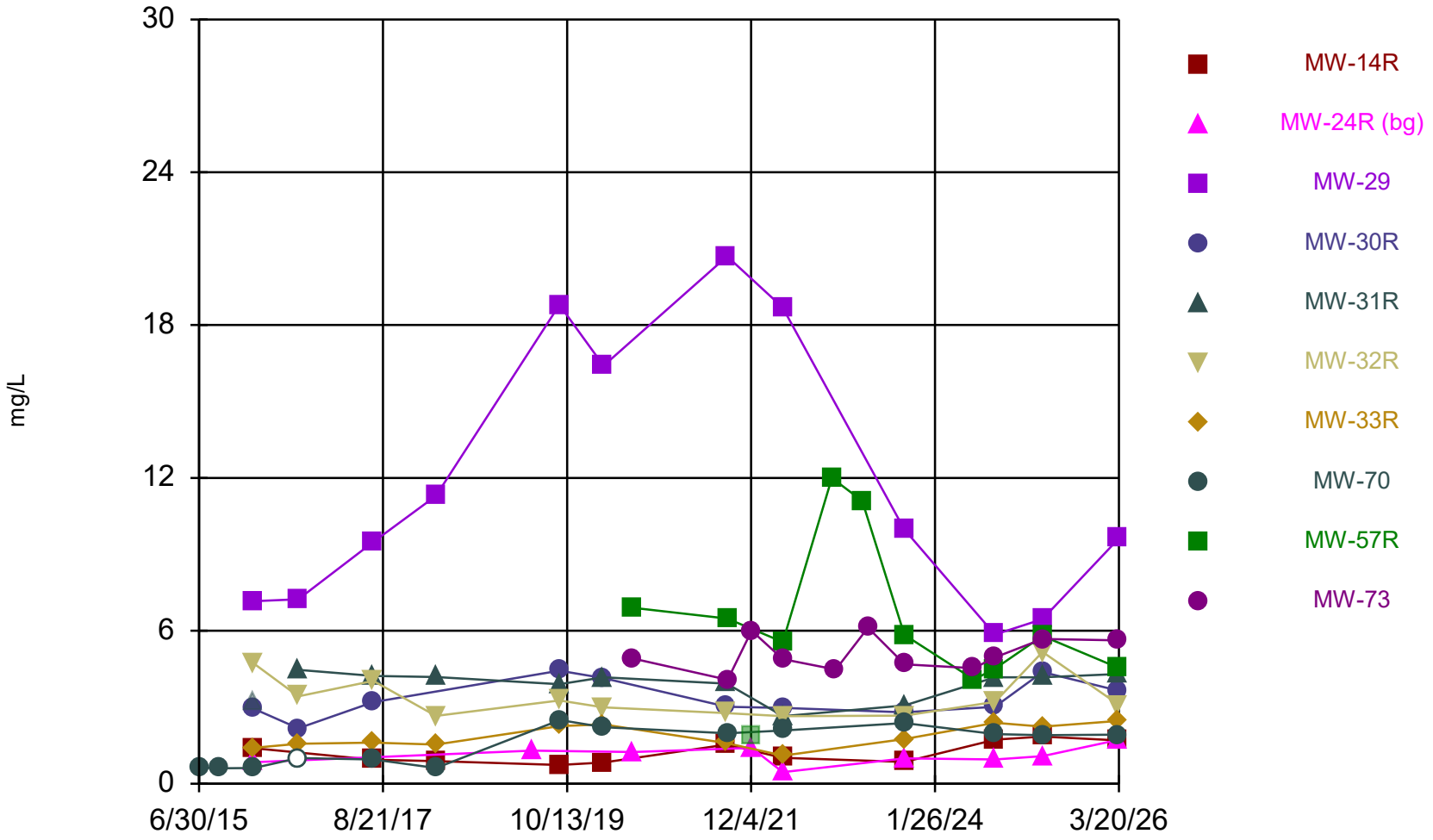


Constituent: Toluene Analysis Run 4/29/2026 2:03 PM View: 2_Descriptive Statistics - Time Series_Box P

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

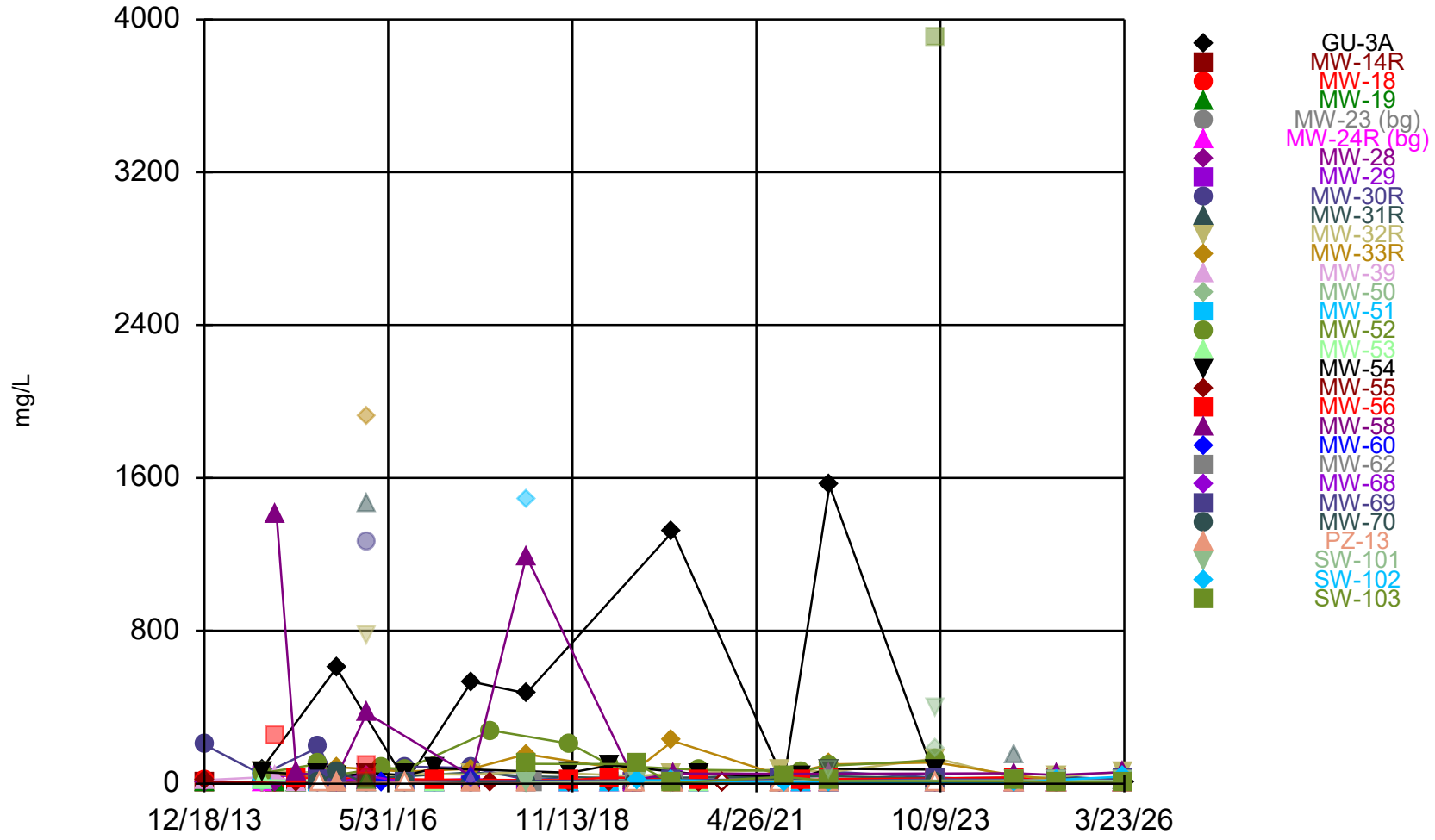


Constituent: Total Organic Carbon Analysis Run 4/29/2026 2:03 PM View: 2_Descriptive Statistics - Time

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

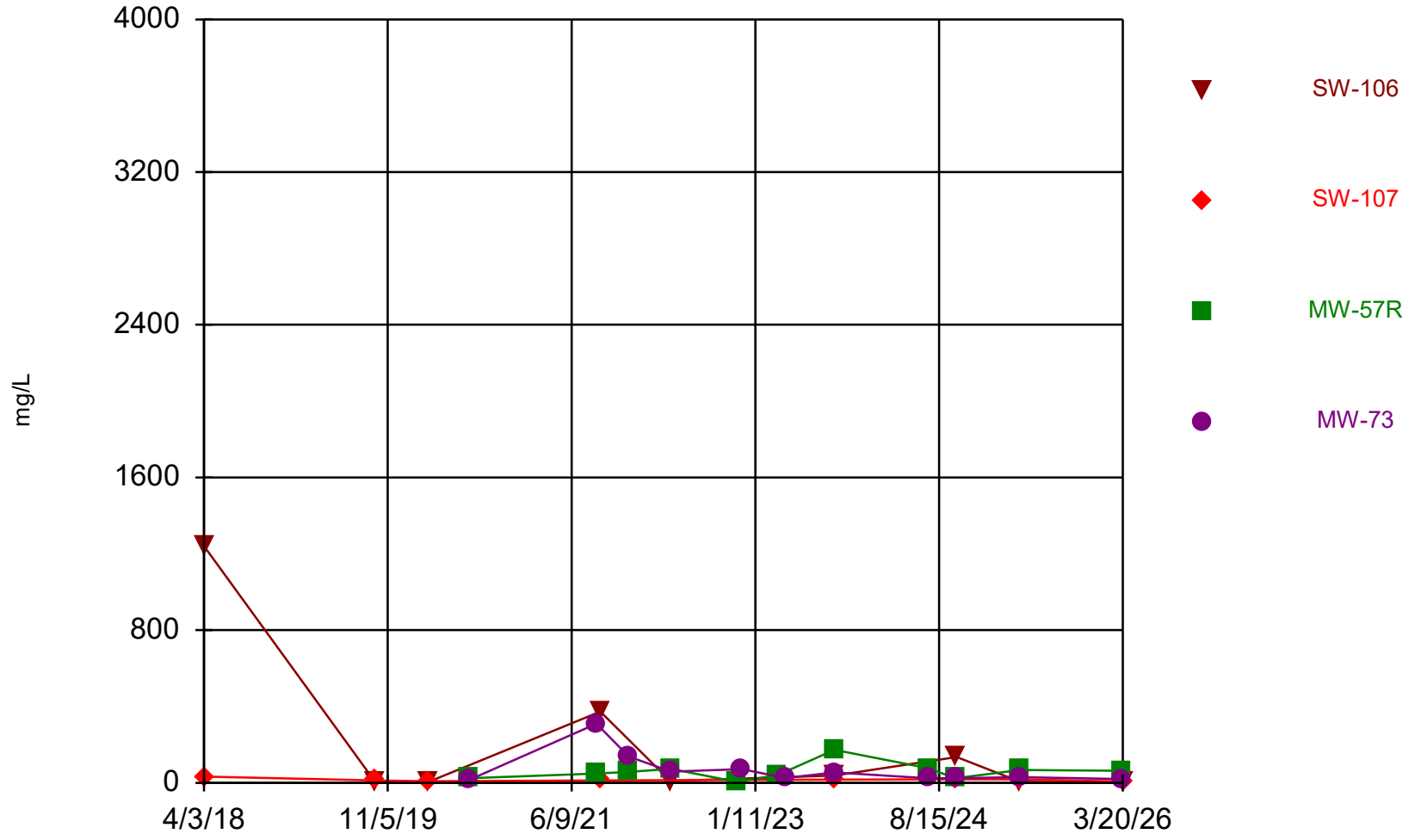


Constituent: Total Suspended Solids Analysis Run 4/29/2026 2:03 PM View: 2_Descriptive Statistics - Tim

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

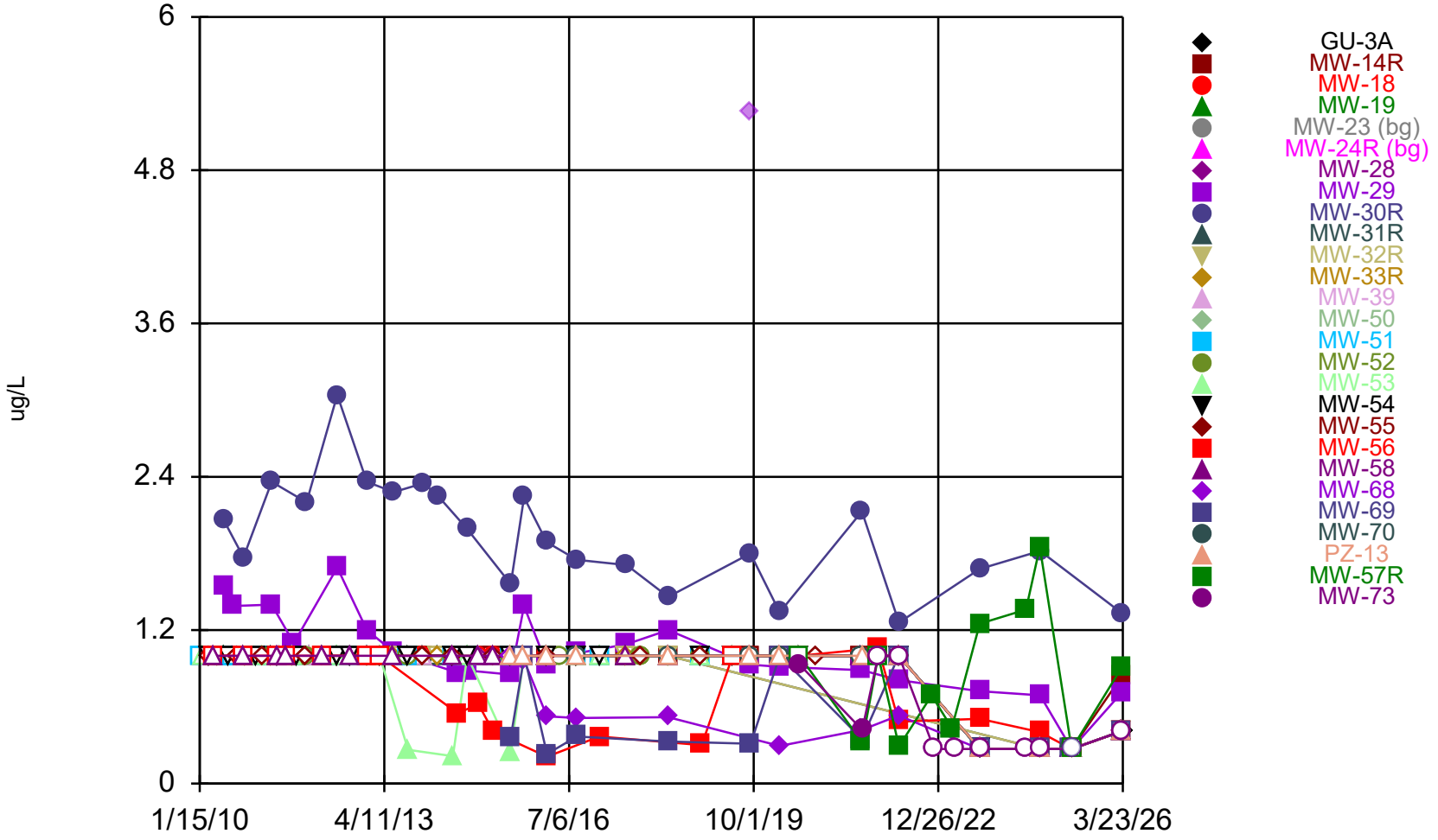


Constituent: Total Suspended Solids Analysis Run 4/29/2026 2:03 PM View: 2_Descriptive Statistics - Tim

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

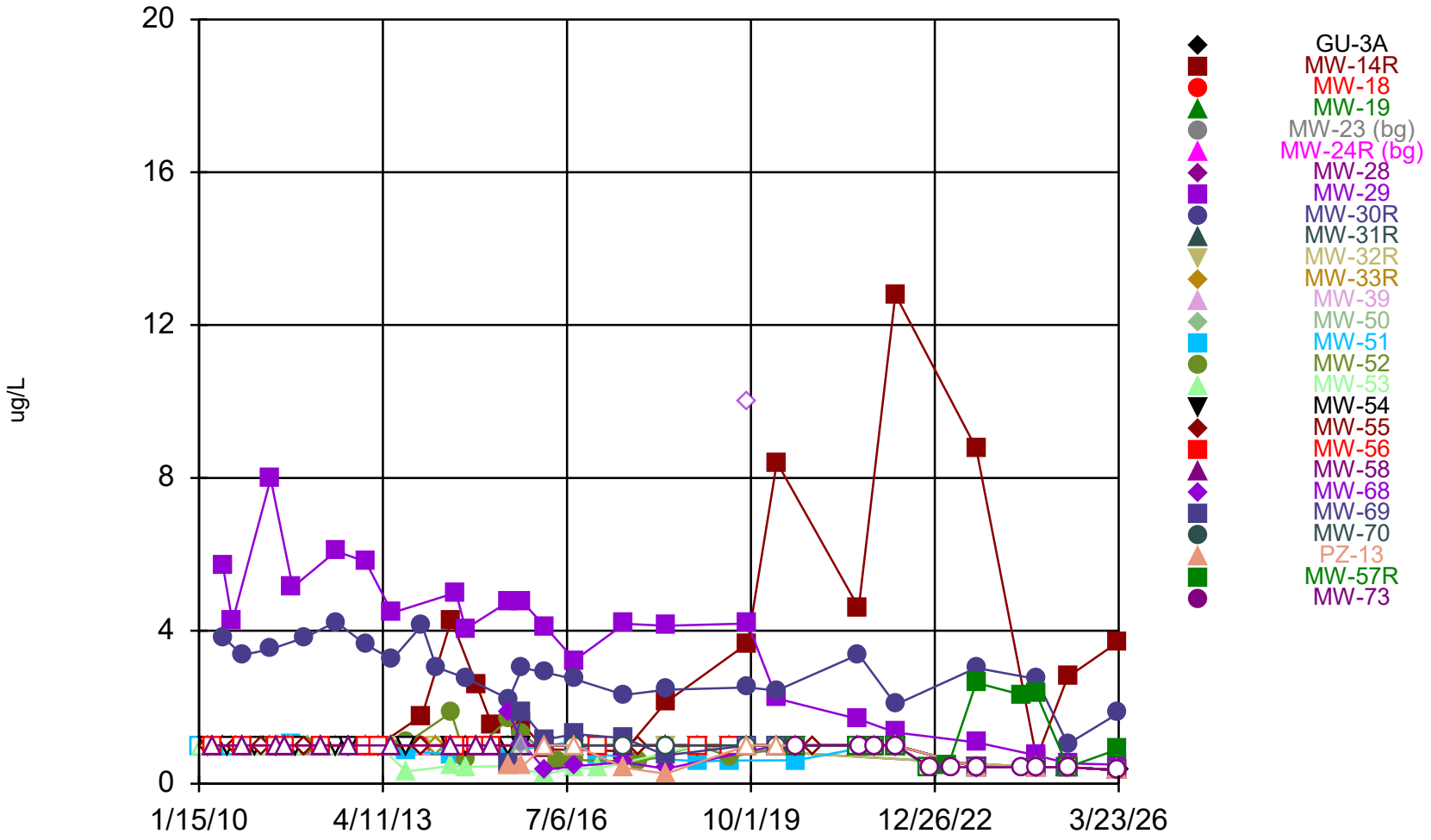


Constituent: trans-1,2-Dichloroethene Analysis Run 4/29/2026 2:03 PM View: 2_Descriptive Statistics - Ti

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

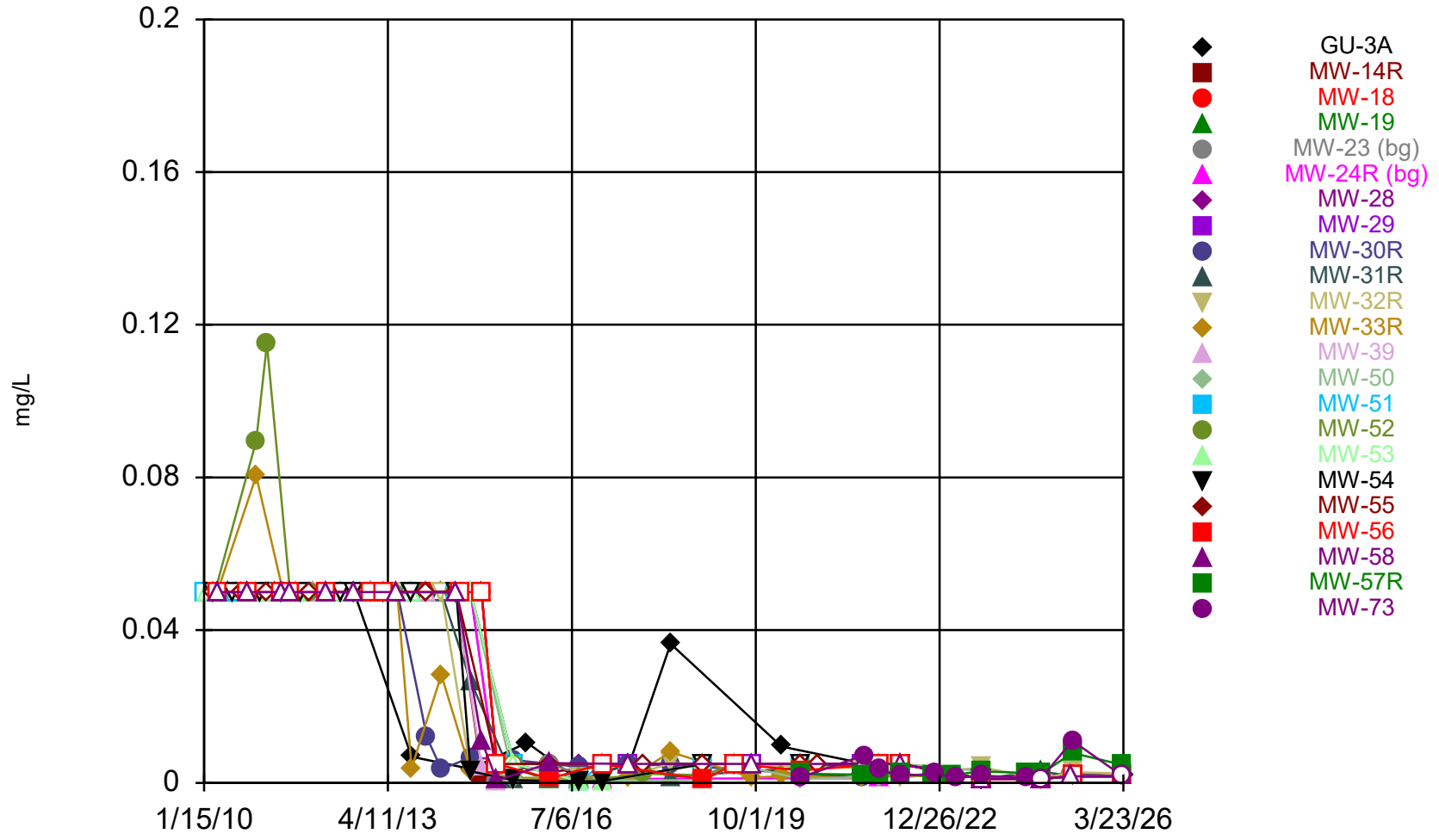


Constituent: Trichloroethene Analysis Run 4/29/2026 2:03 PM View: 2_Descriptive Statistics - Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

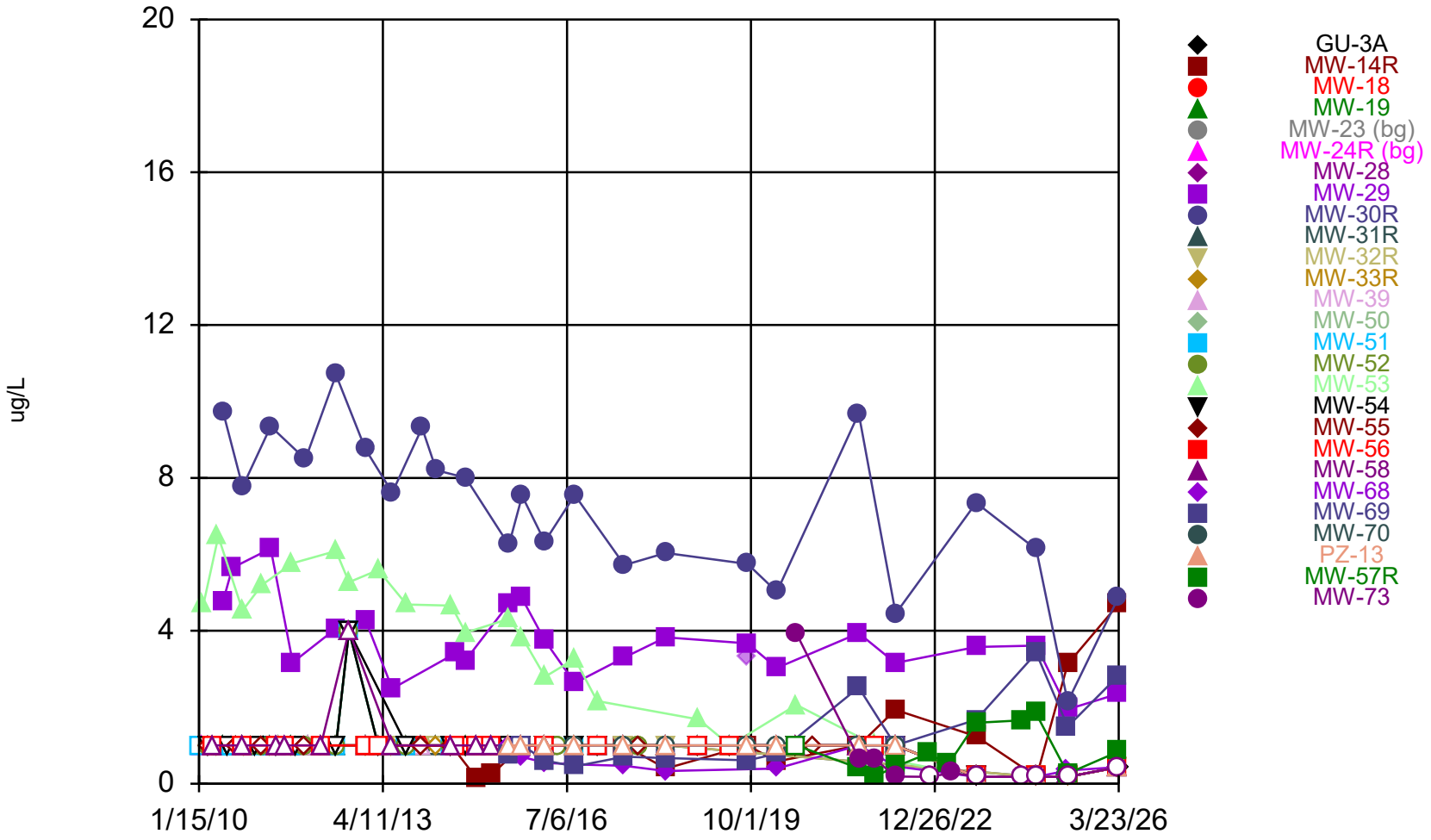


Constituent: Vanadium Analysis Run 4/29/2026 2:03 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

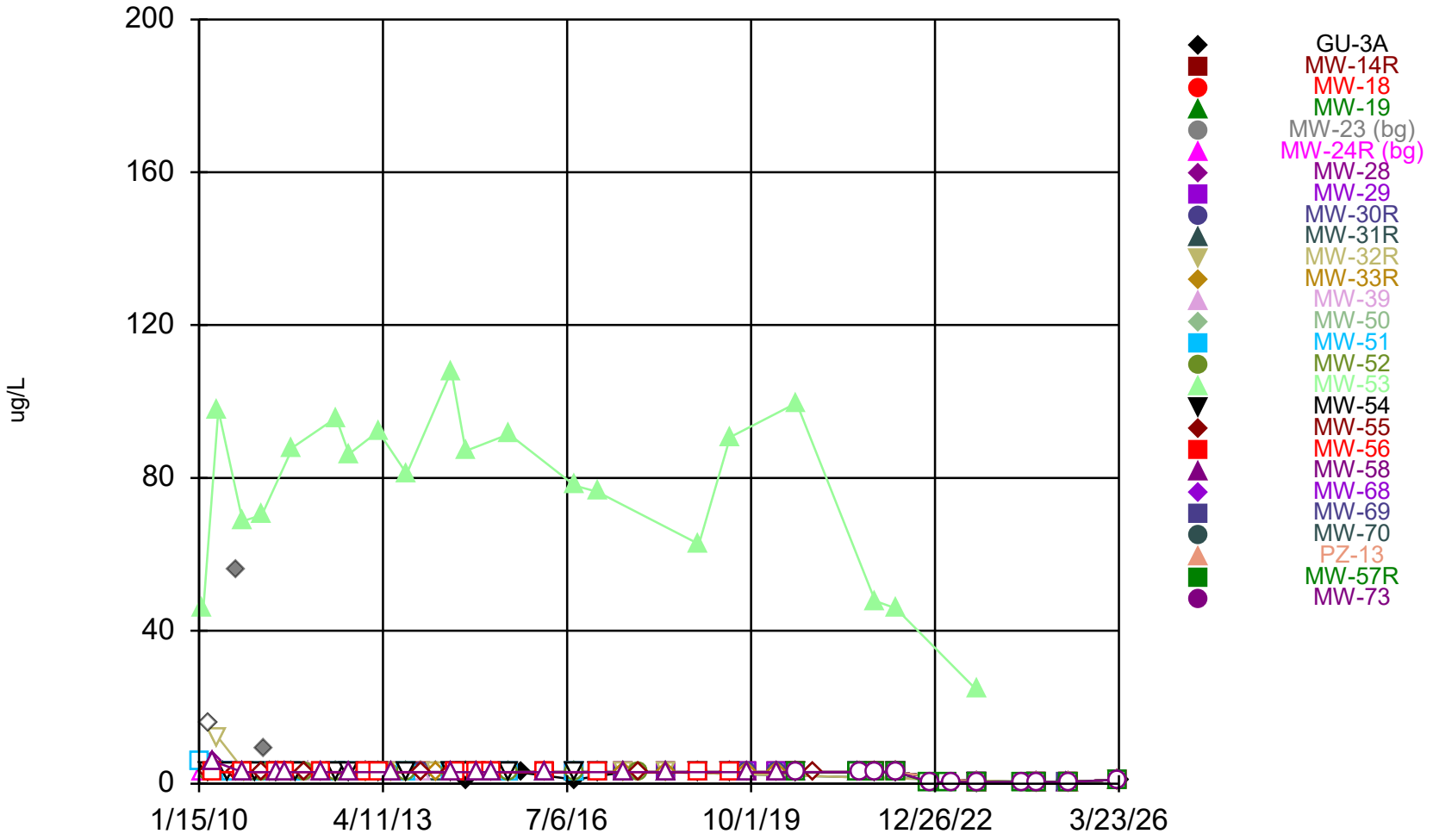


Constituent: Vinyl Chloride Analysis Run 4/29/2026 2:03 PM View: 2_Descriptive Statistics - Time Series_

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

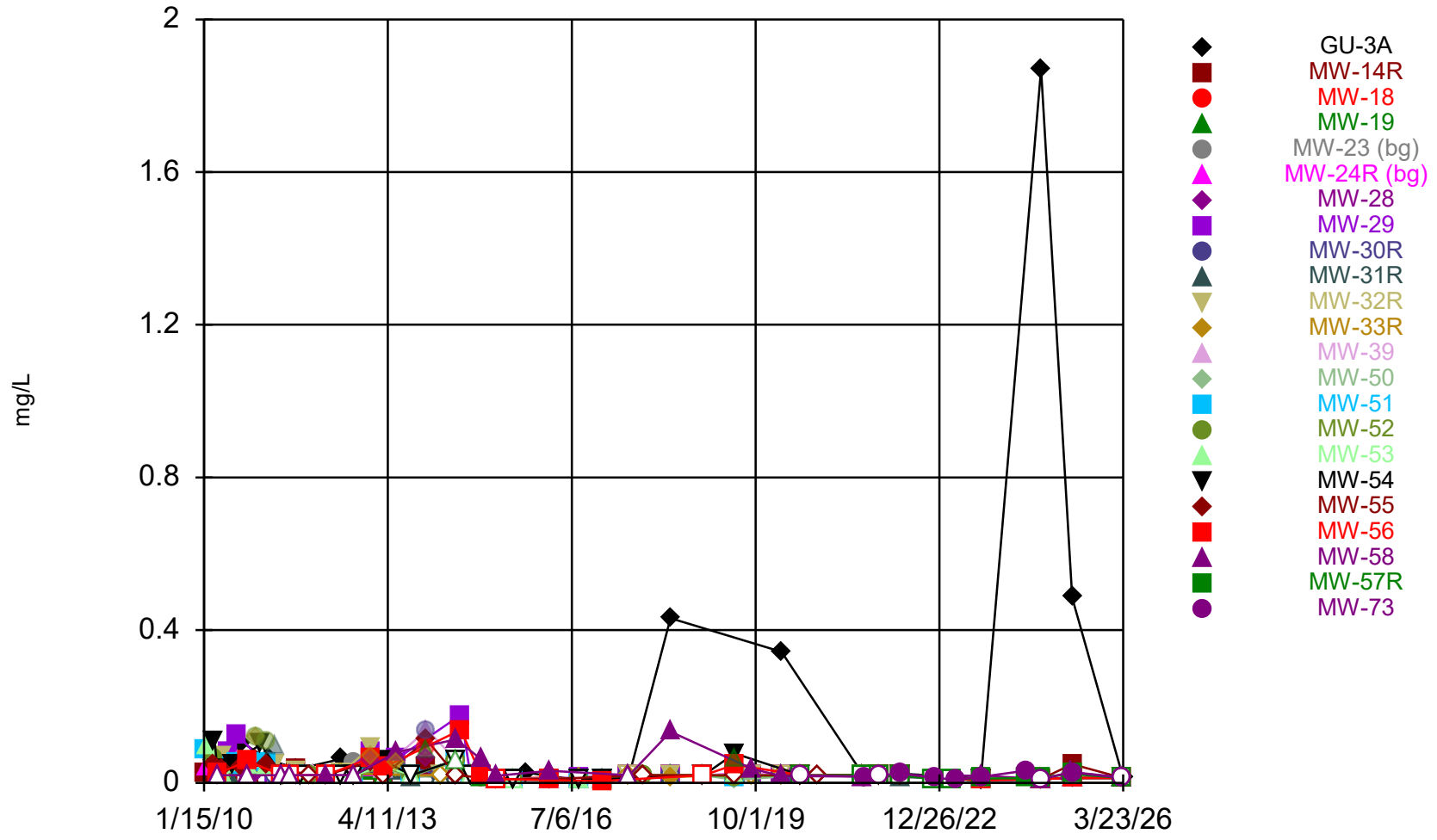


Constituent: Xylenes, total Analysis Run 4/29/2026 2:03 PM View: 2_Descriptive Statistics - Time Series_

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



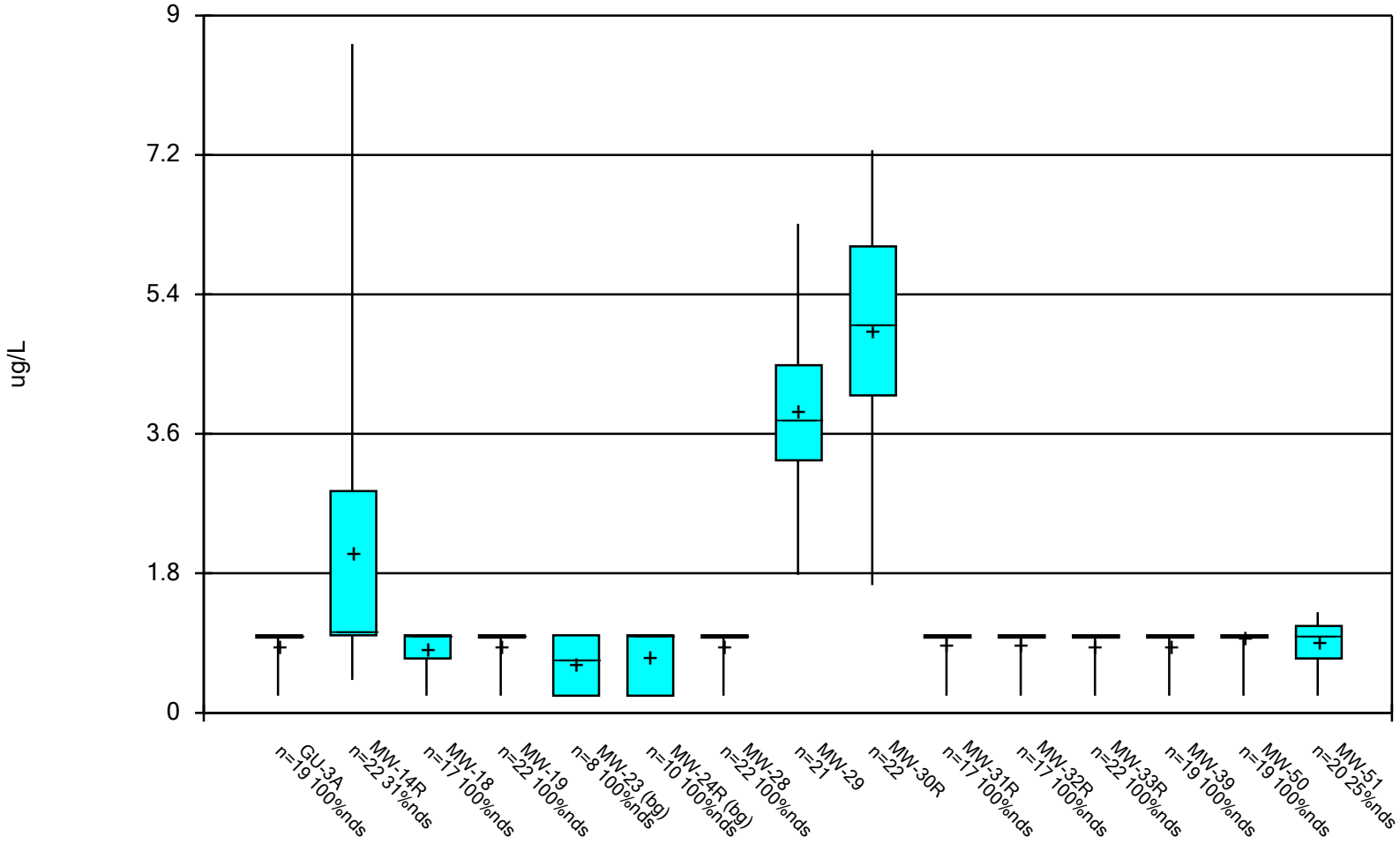
Constituent: Zinc Analysis Run 4/29/2026 2:03 PM View: 2_Descriptive Statistics - Time Series_Box Plots

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

This page intentionally left blank.

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

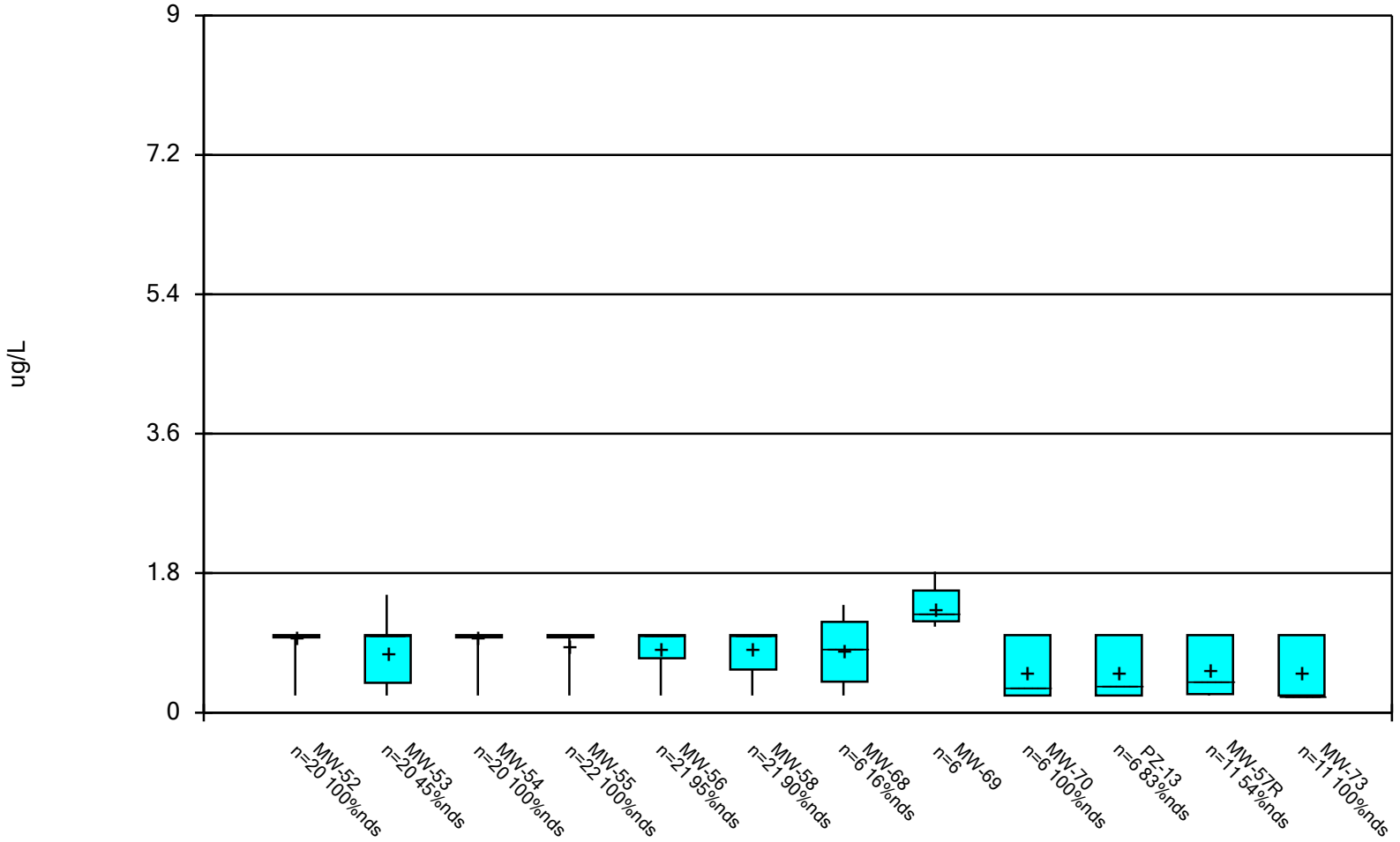


Constituent: 1,1-Dichloroethane Analysis Run 4/29/2026 2:24 PM View: 2_Descriptive Statistics - Time Se

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

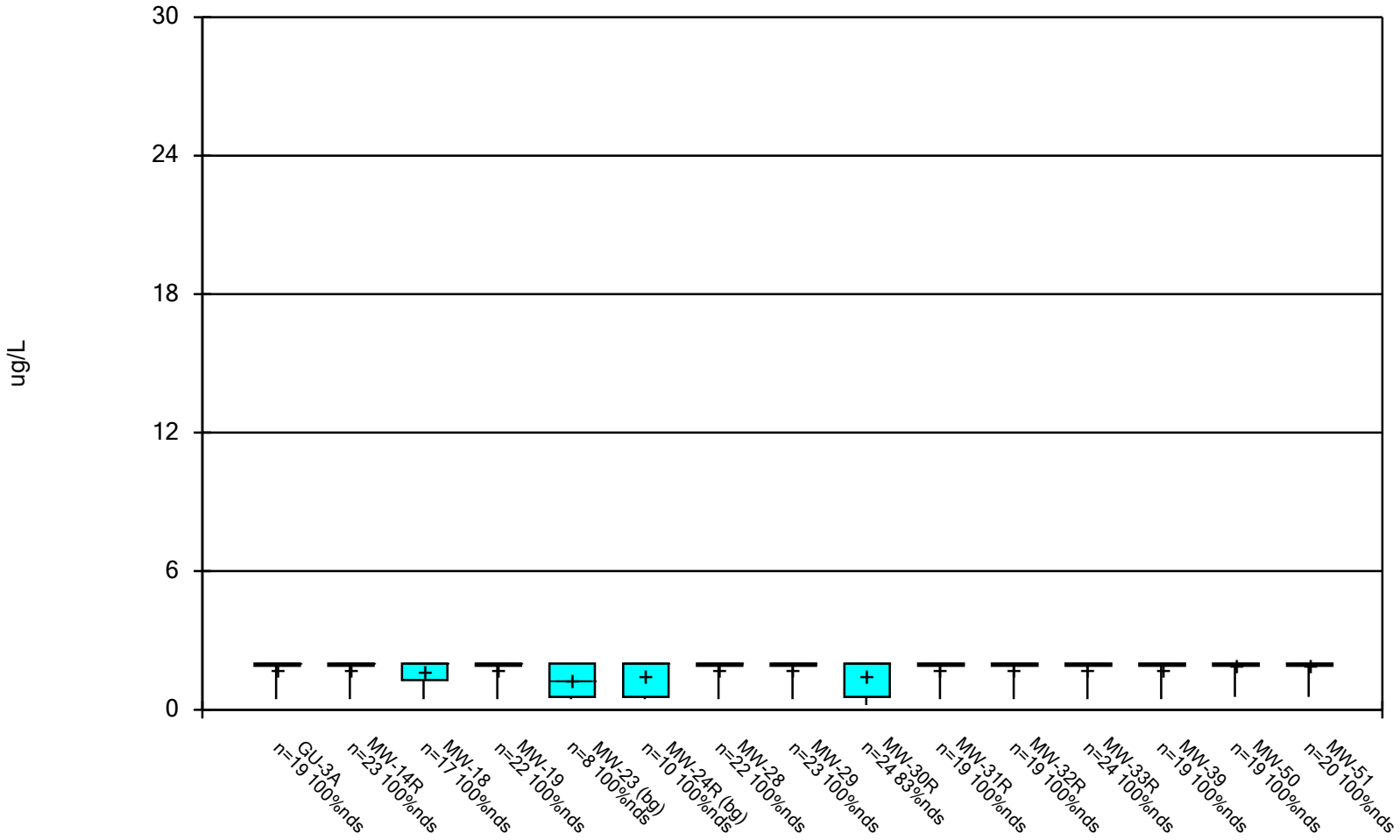


Constituent: 1,1-Dichloroethane Analysis Run 4/29/2026 2:24 PM View: 2_Descriptive Statistics - Time Se

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

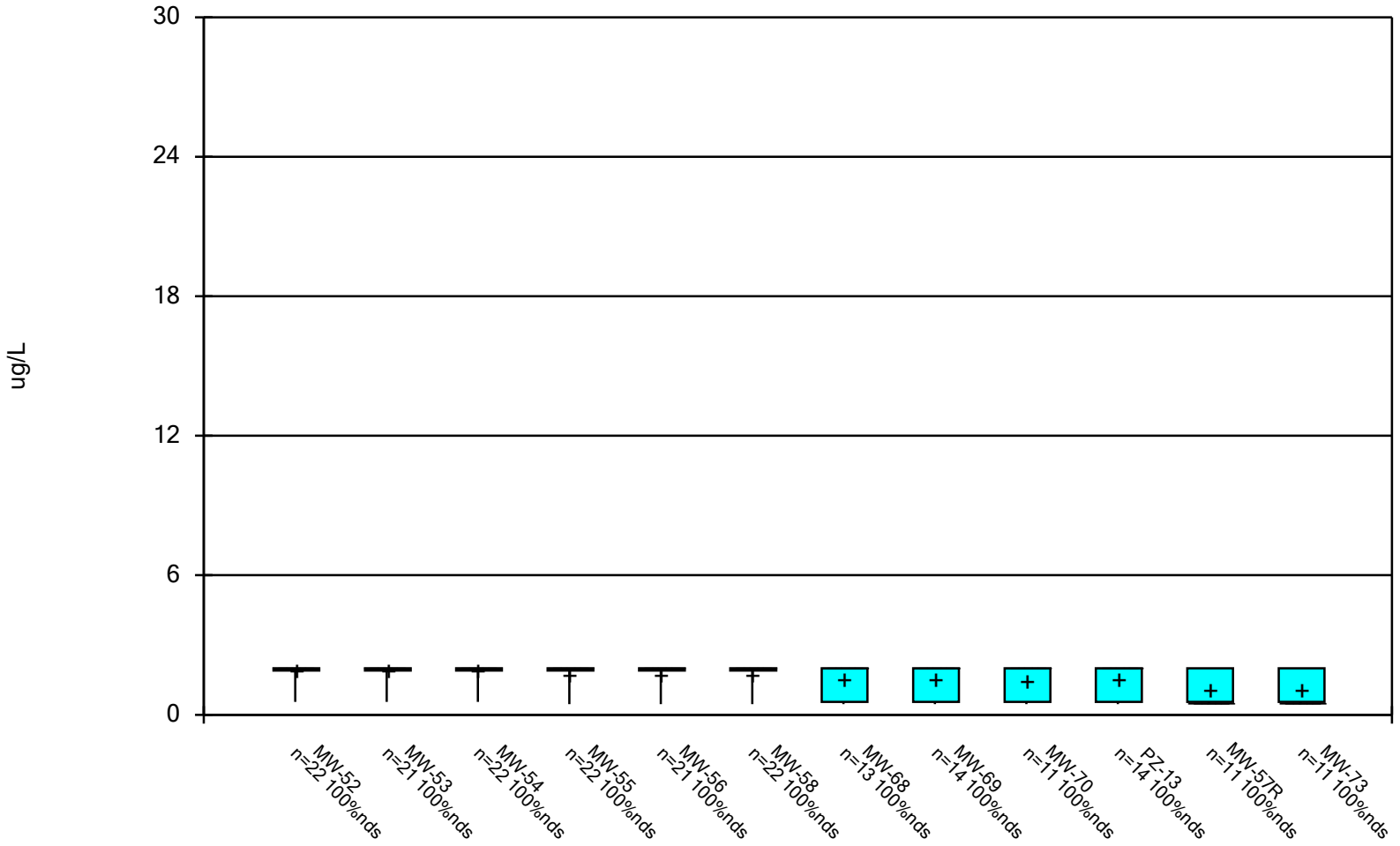


Constituent: 1,1-Dichloroethene Analysis Run 4/29/2026 2:24 PM View: 2_Descriptive Statistics - Time Se

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

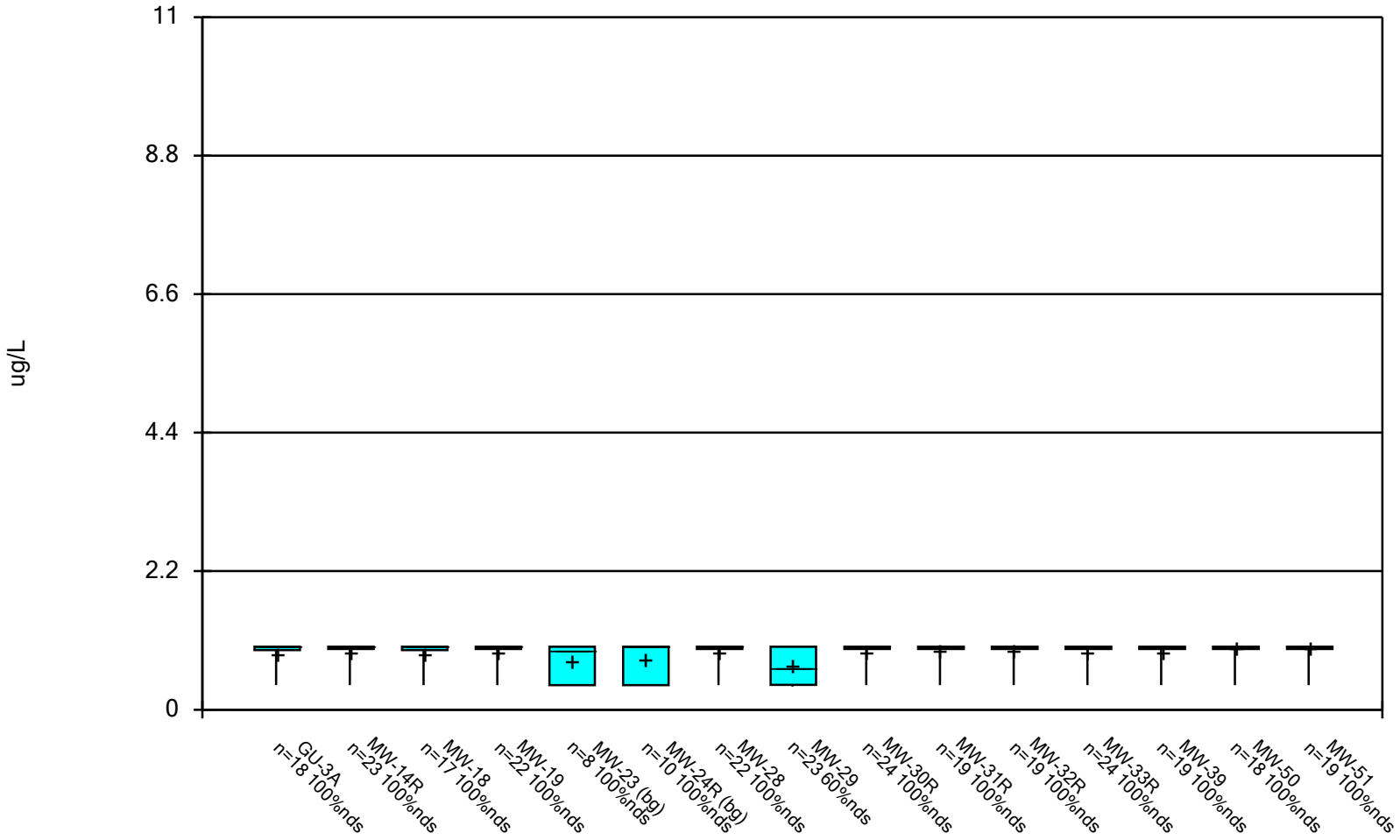


Constituent: 1,1-Dichloroethene Analysis Run 4/29/2026 2:24 PM View: 2_Descriptive Statistics - Time Se

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

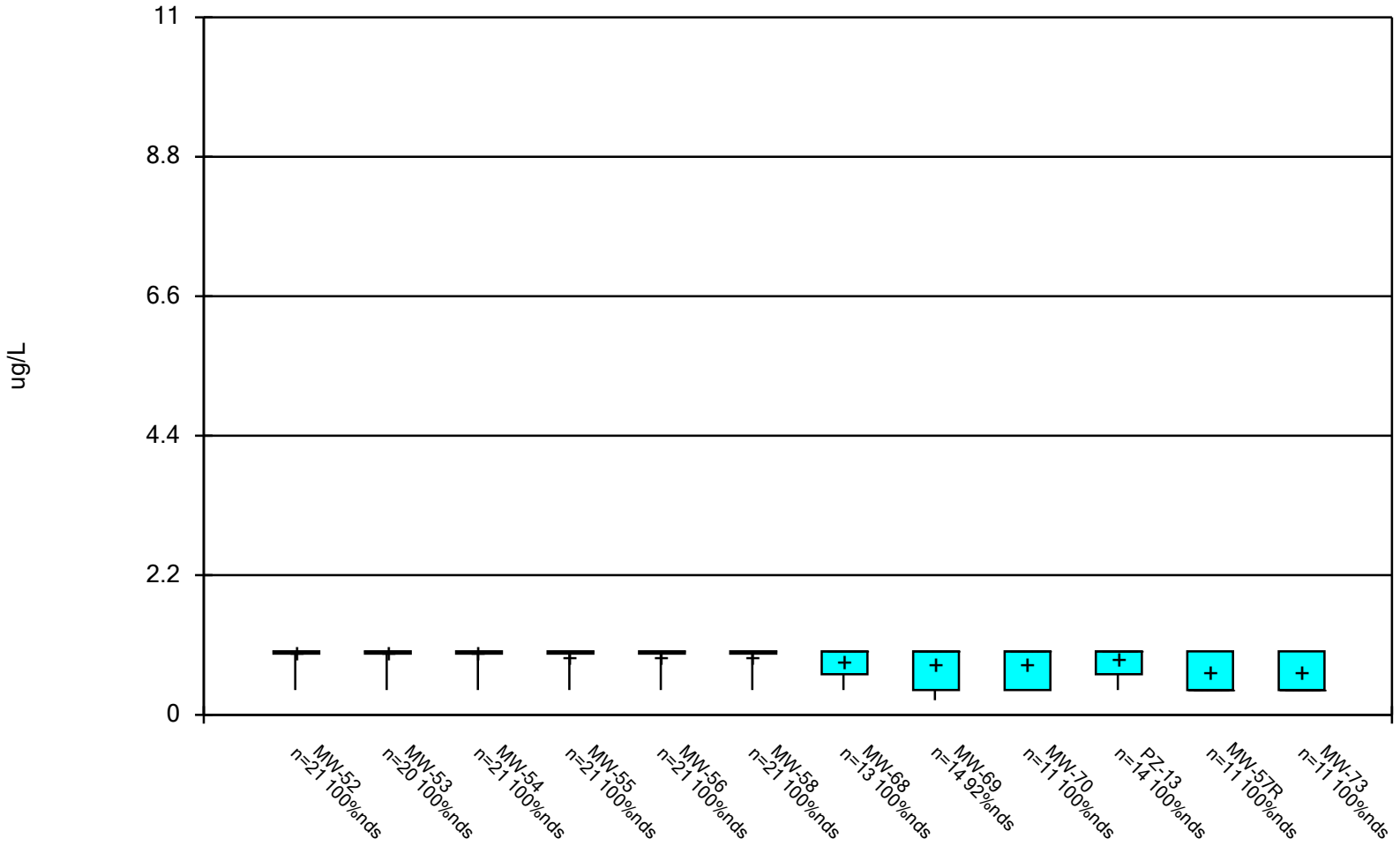


Constituent: 1,2-Dichloroethane Analysis Run 4/29/2026 2:24 PM View: 2_Descriptive Statistics - Time Se

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

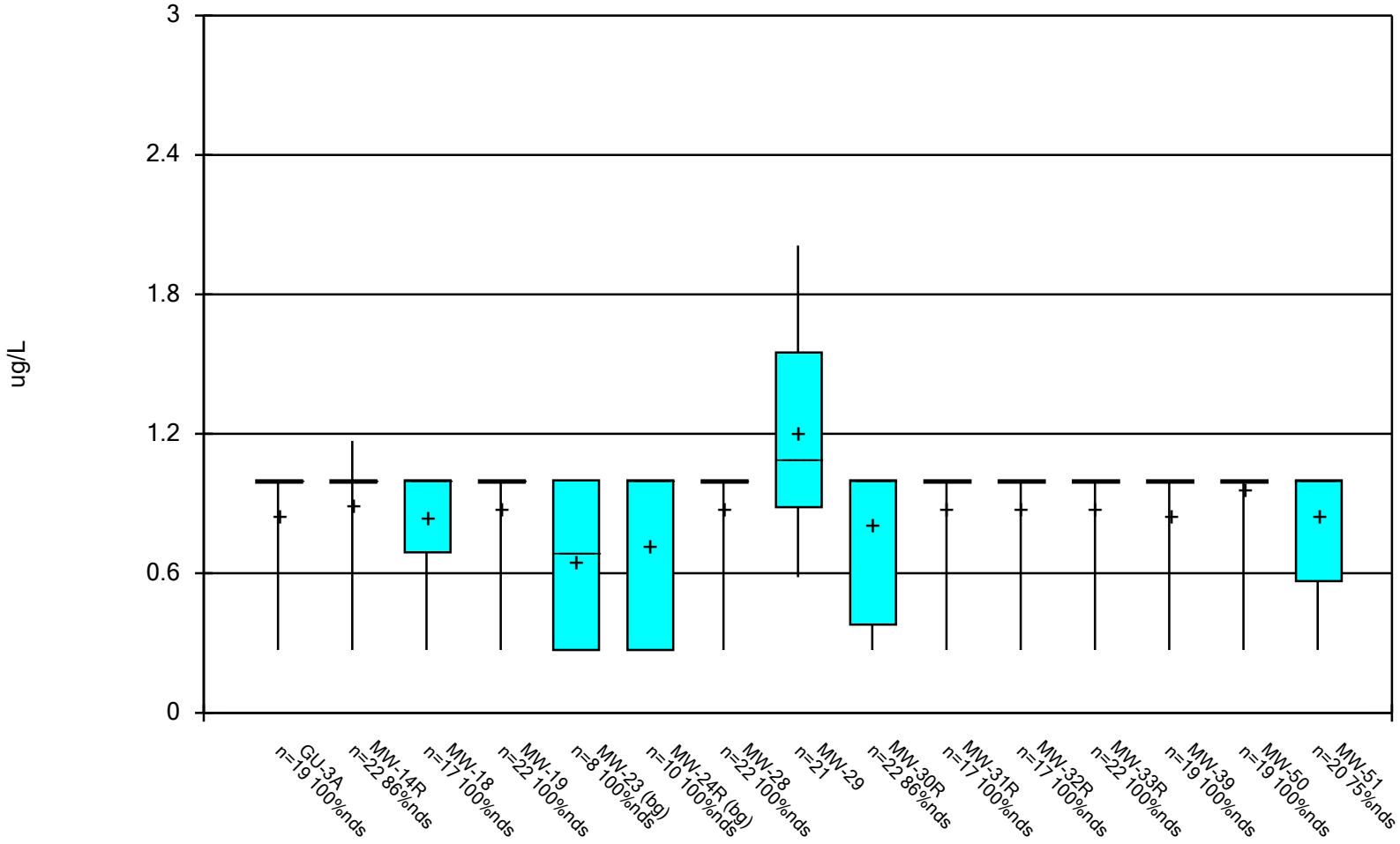


Constituent: 1,2-Dichloroethane Analysis Run 4/29/2026 2:24 PM View: 2_Descriptive Statistics - Time Se

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

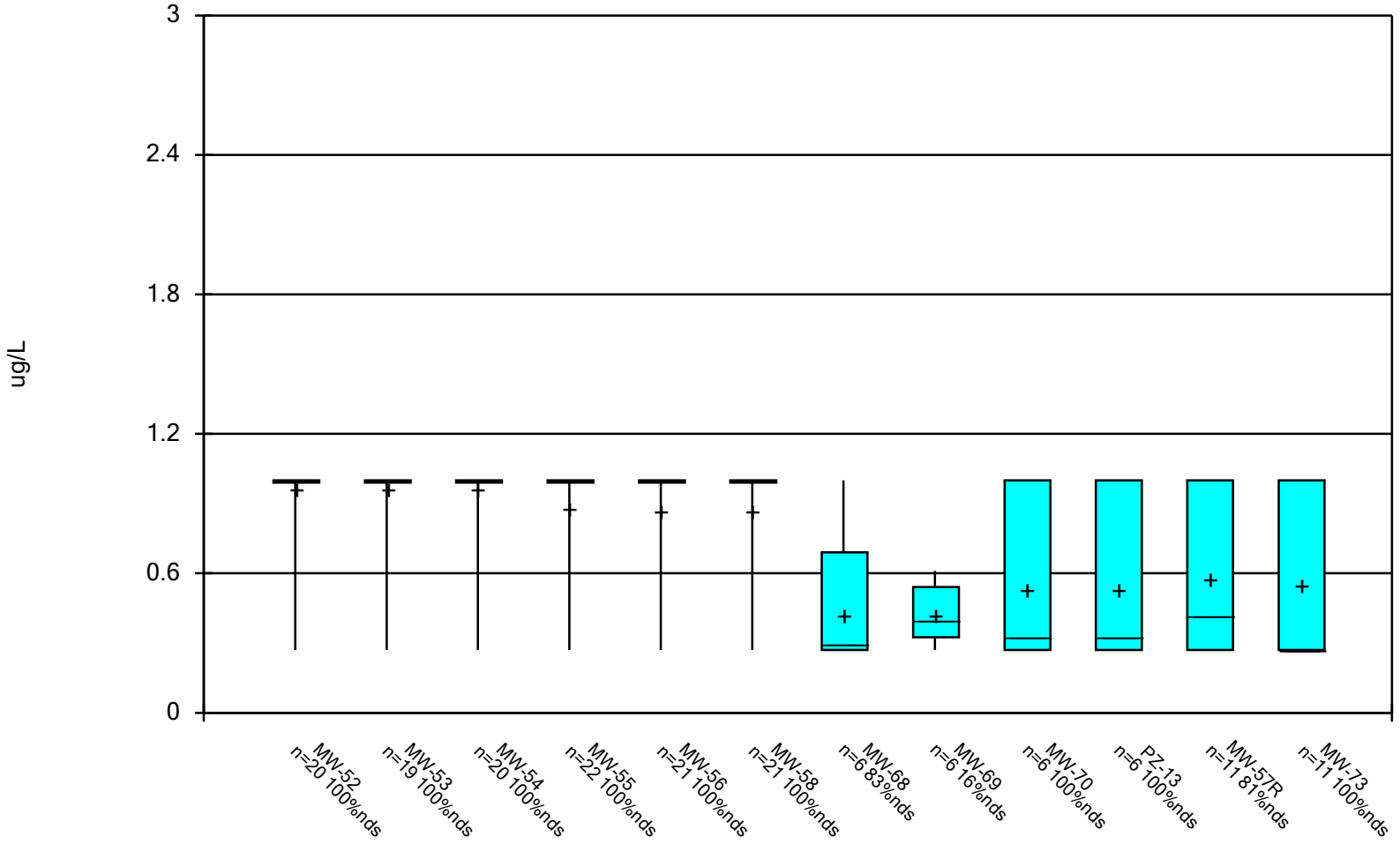


Constituent: 1,2-Dichloropropane Analysis Run 4/29/2026 2:24 PM View: 2_Descriptive Statistics - Time S

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

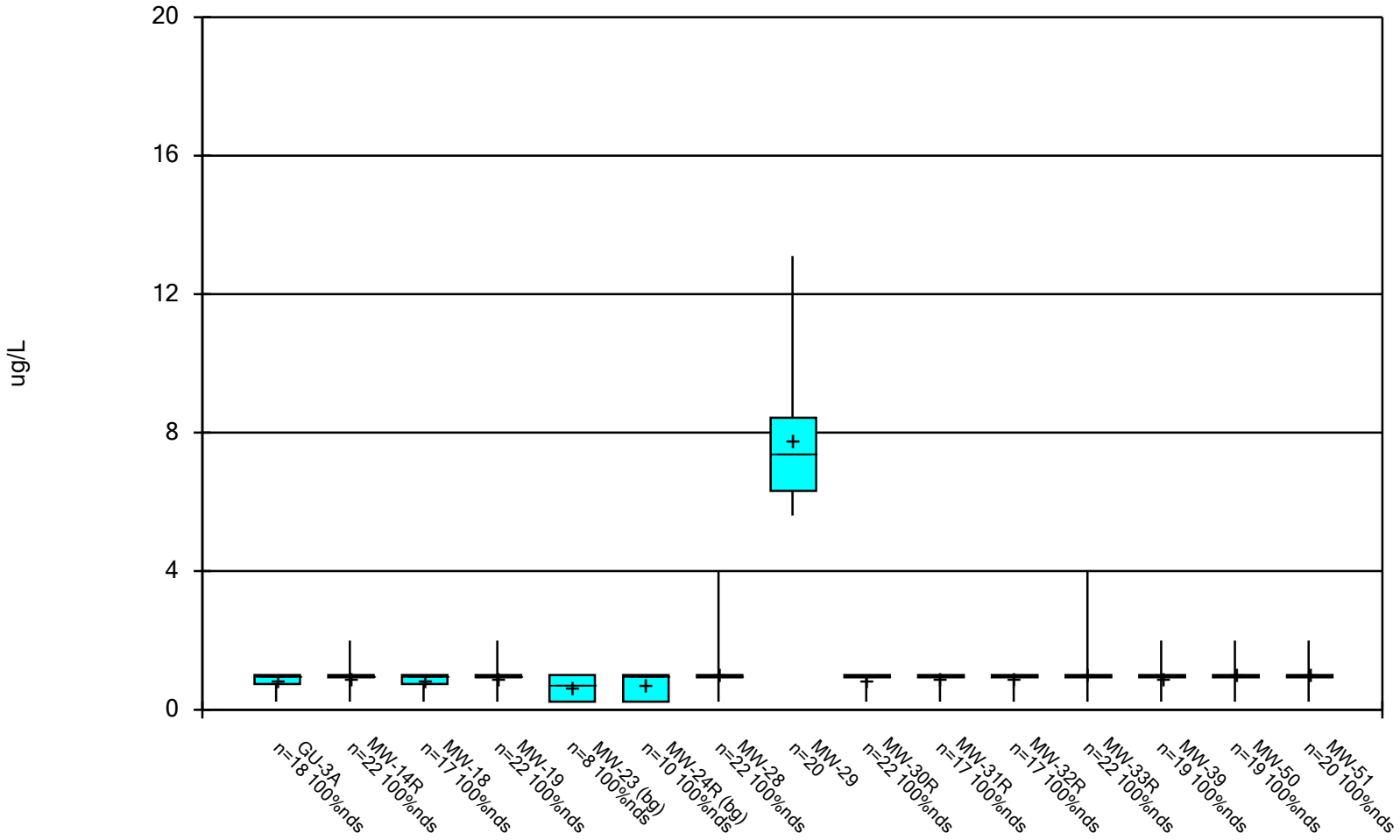


Constituent: 1,2-Dichloropropane Analysis Run 4/29/2026 2:24 PM View: 2_Descriptive Statistics - Time S

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

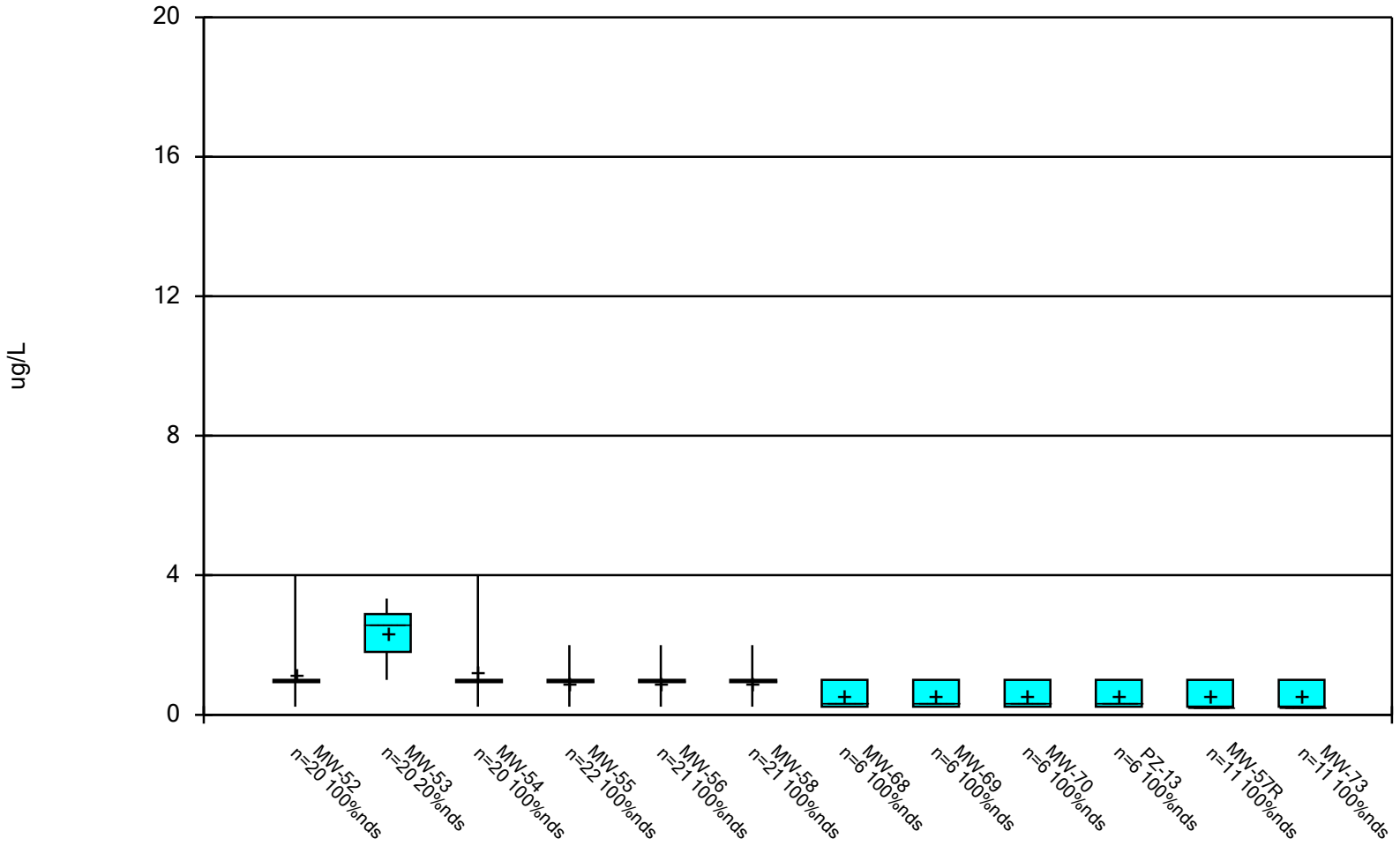


Constituent: 1,4-Dichlorobenzene Analysis Run 4/29/2026 2:24 PM View: 2_Descriptive Statistics - Time

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

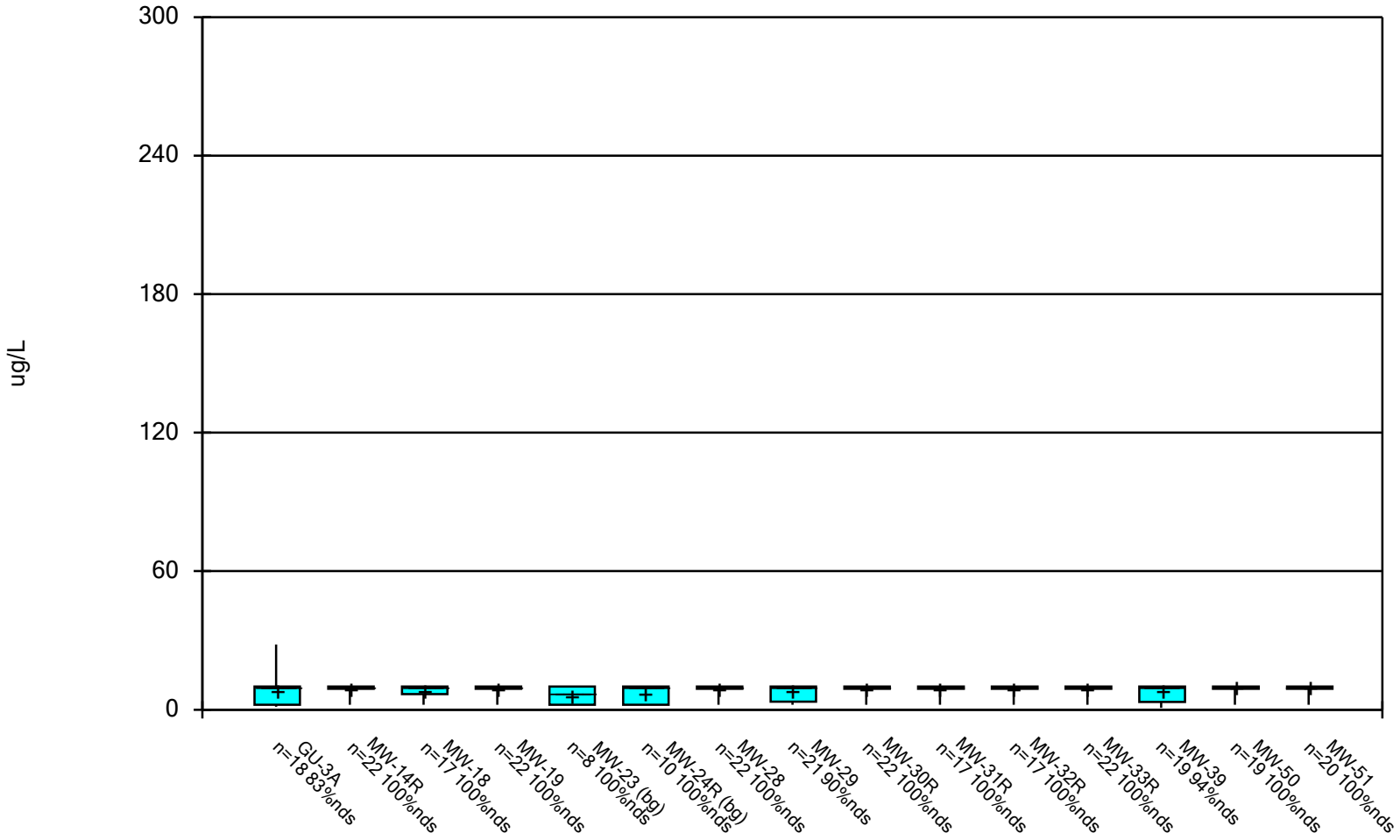


Constituent: 1,4-Dichlorobenzene Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

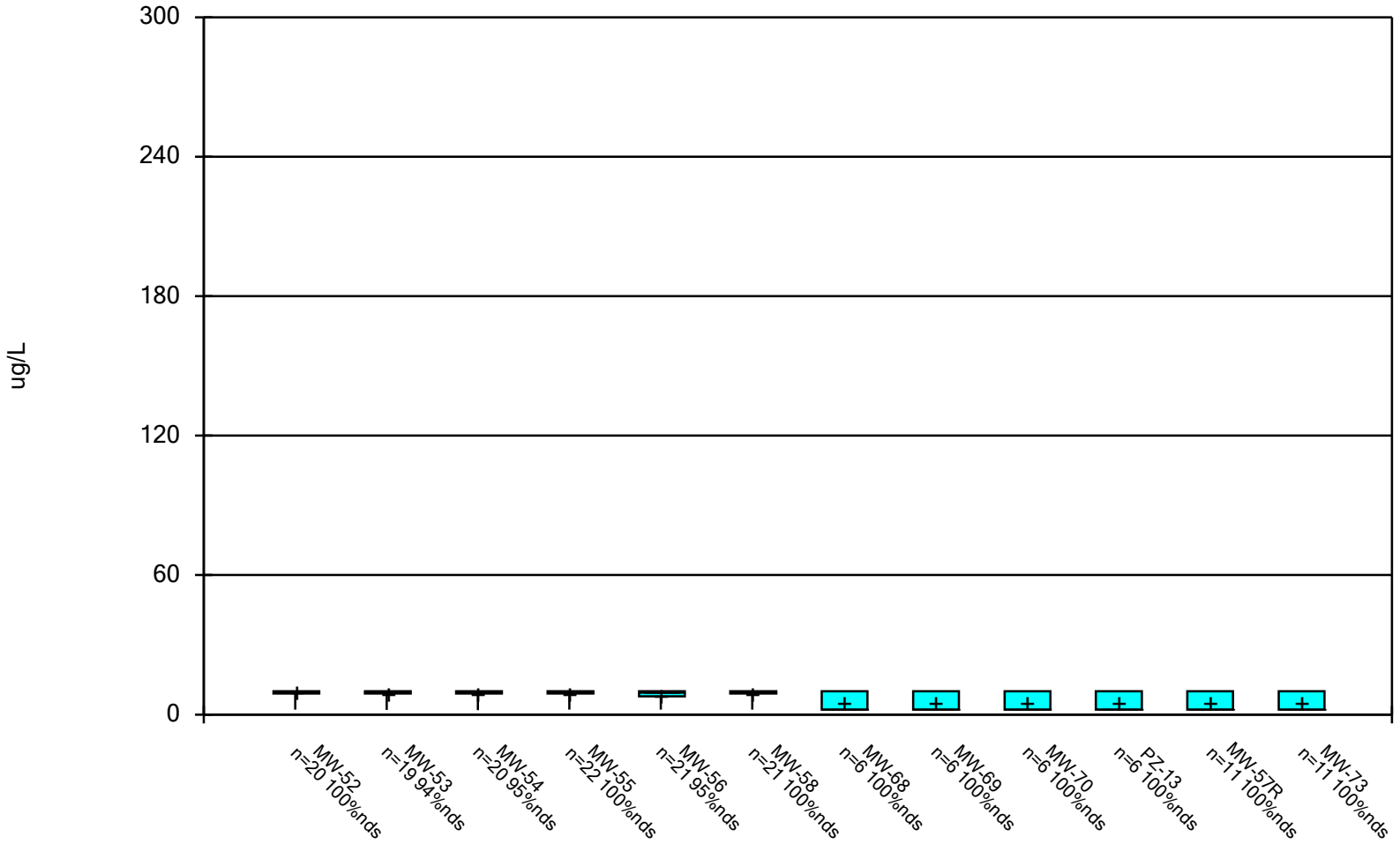


Constituent: 2-Butanone [MEK] Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Ser

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

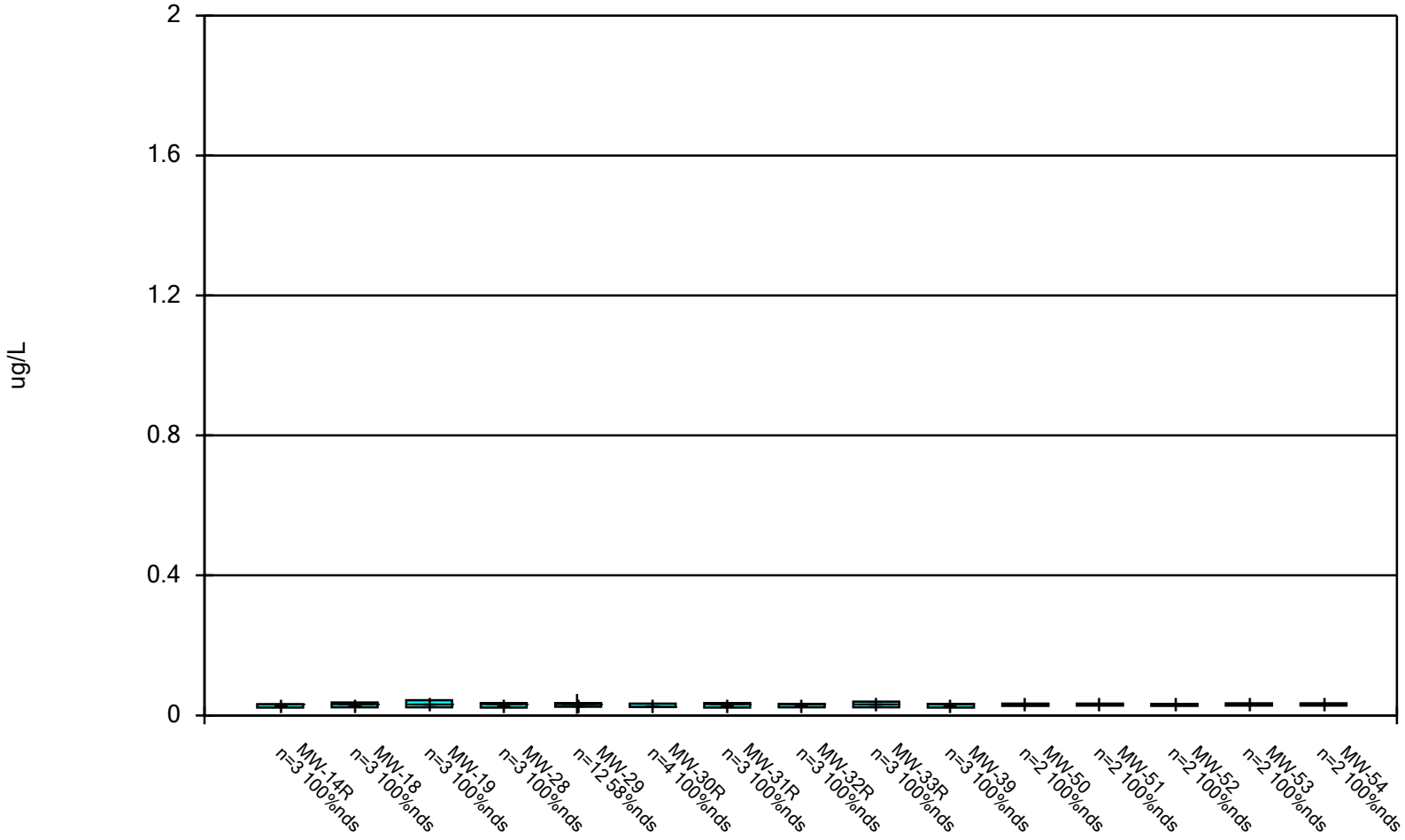


Constituent: 2-Butanone [MEK] Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Ser

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

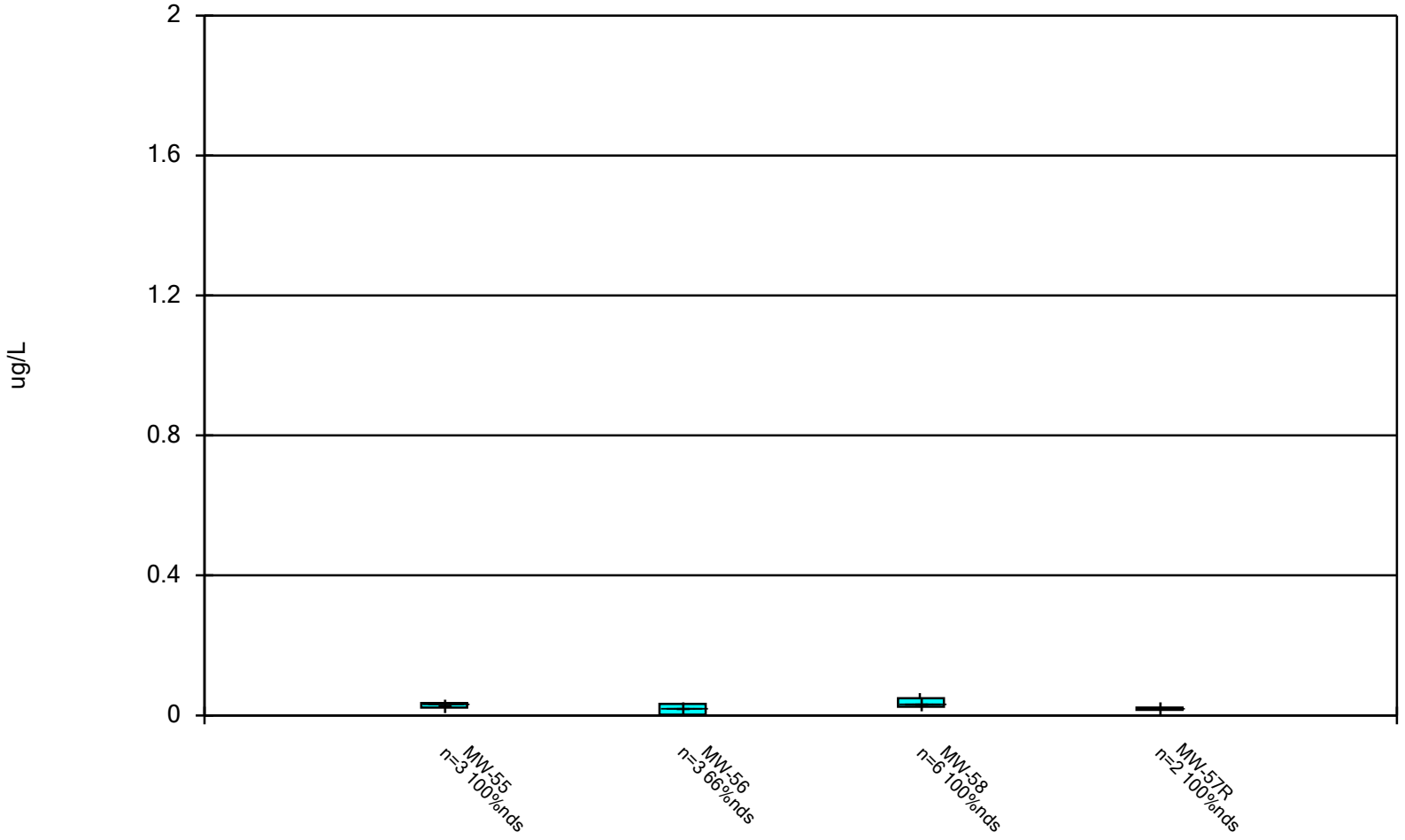


Constituent: 4,4`-DDD Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

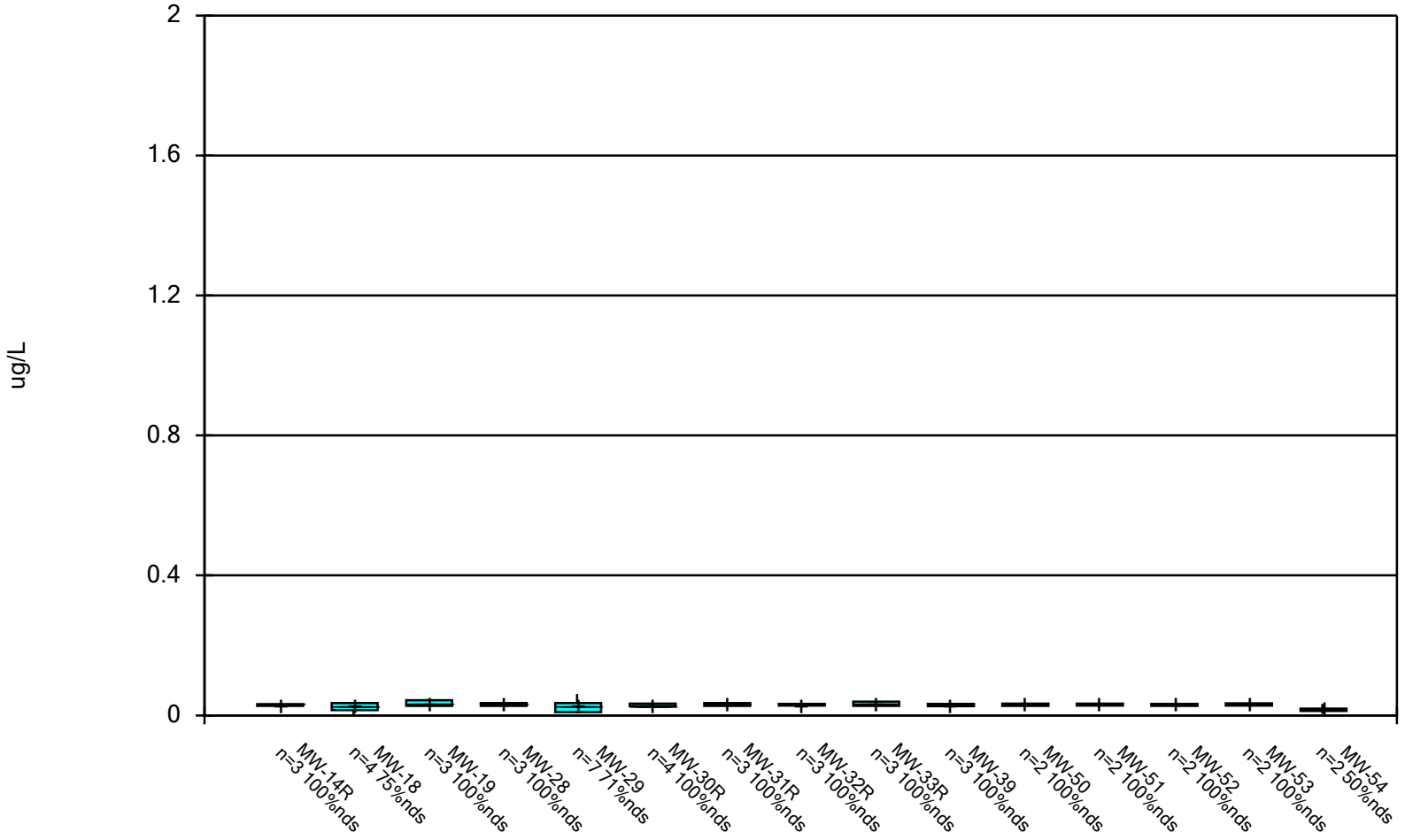


Constituent: 4,4`-DDD Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

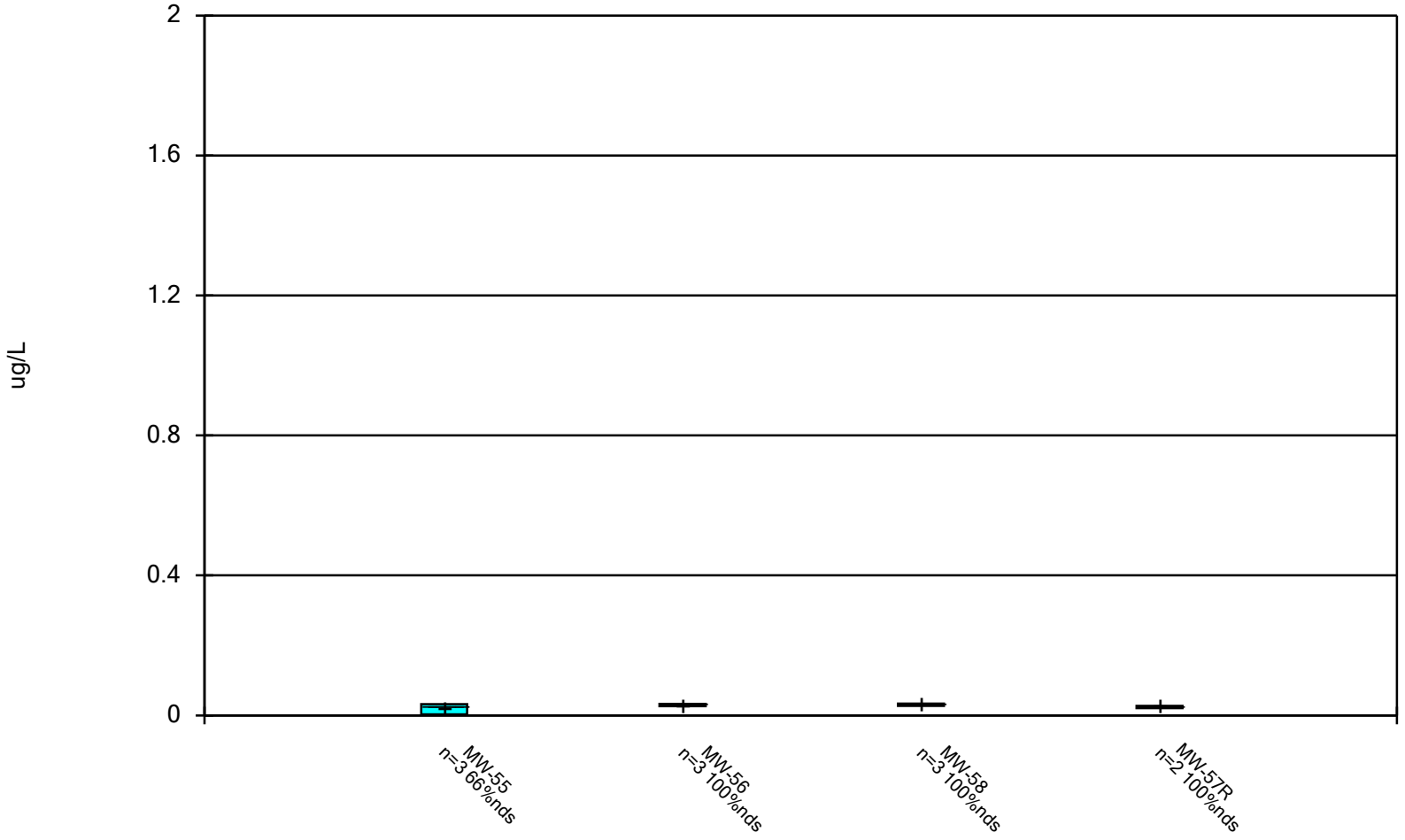


Constituent: 4,4`-DDE Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

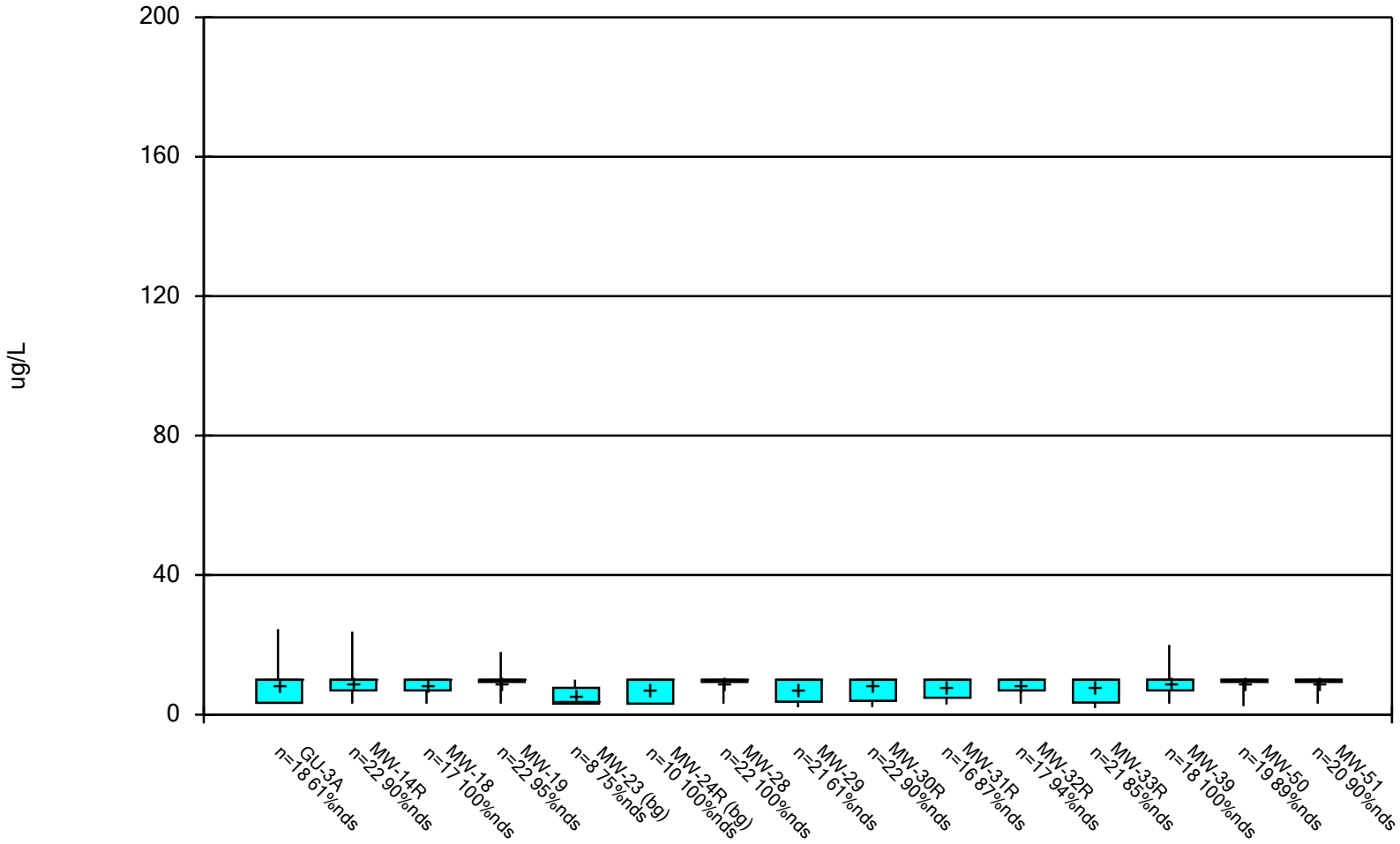


Constituent: 4,4`-DDE Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

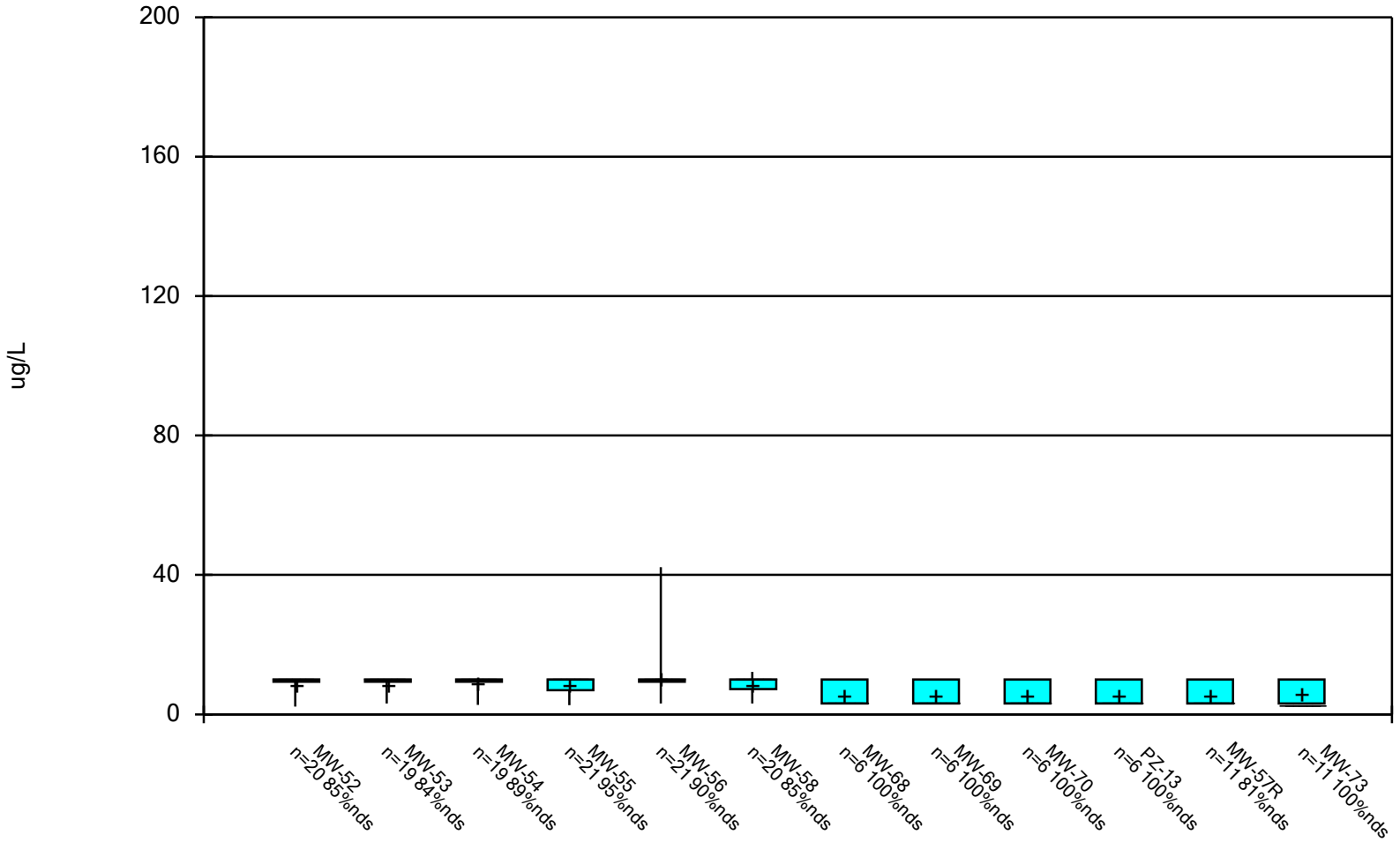


Constituent: Acetone Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Box P

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

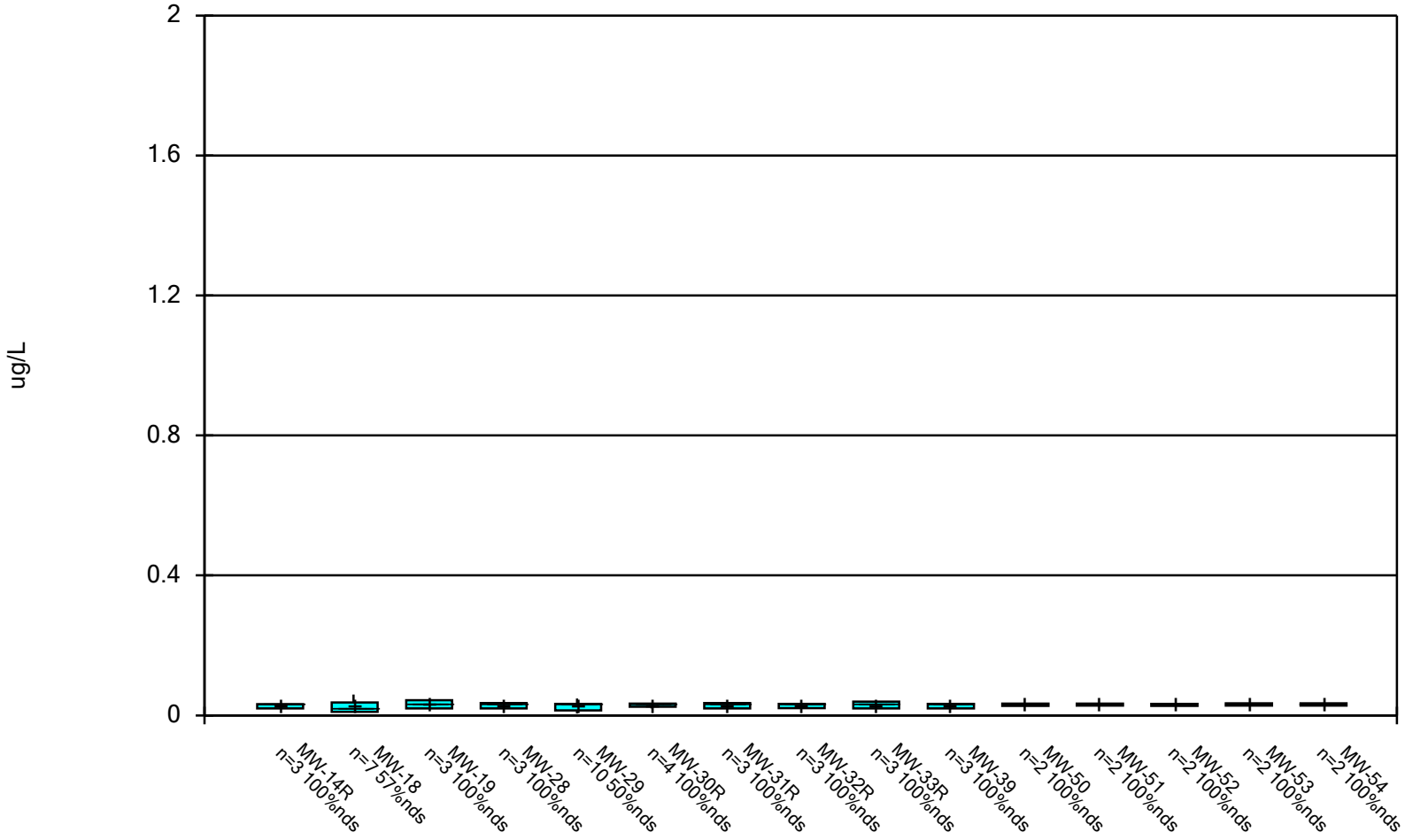


Constituent: Acetone Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Box P

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

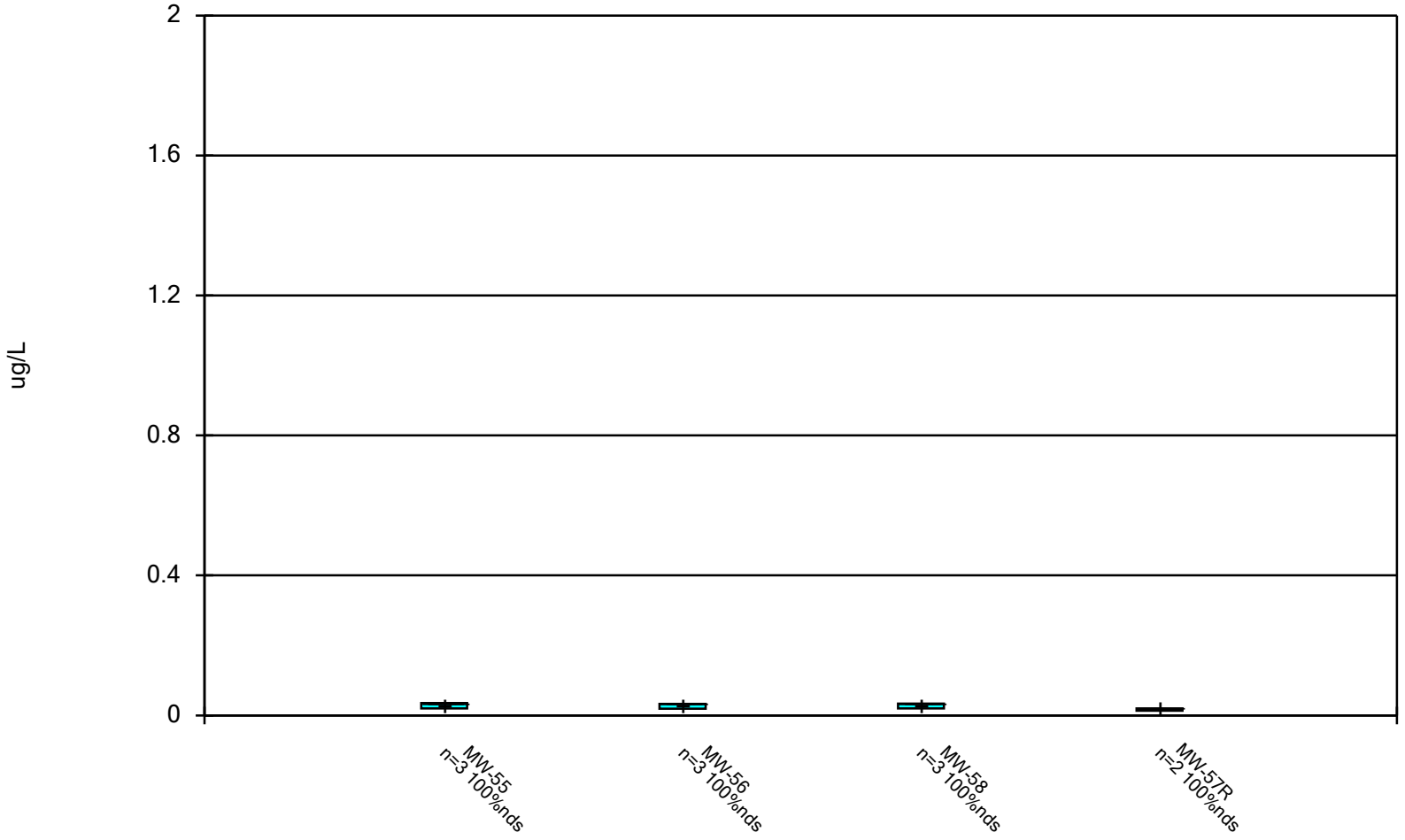


Constituent: Aldrin Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Box Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

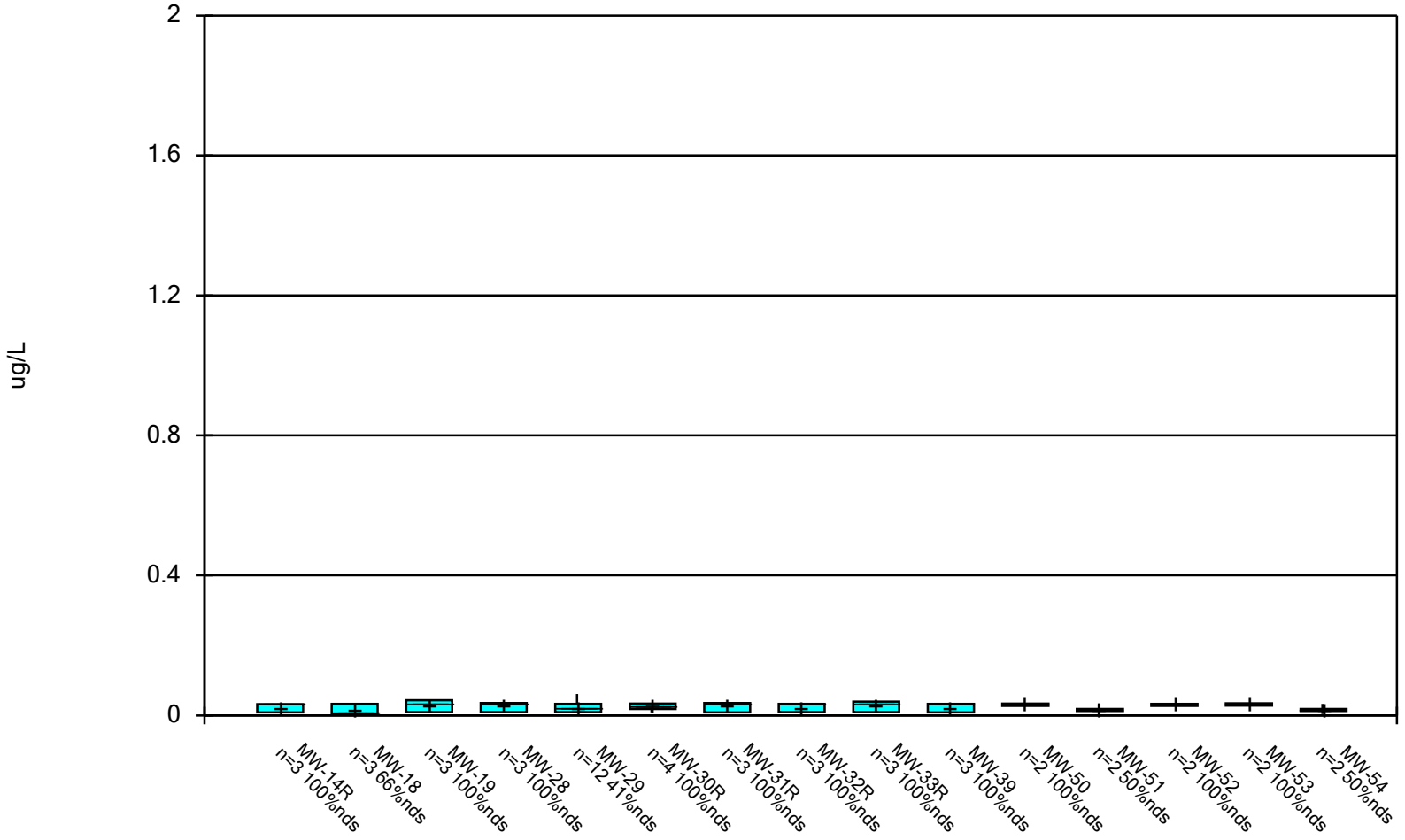


Constituent: Aldrin Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Box Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

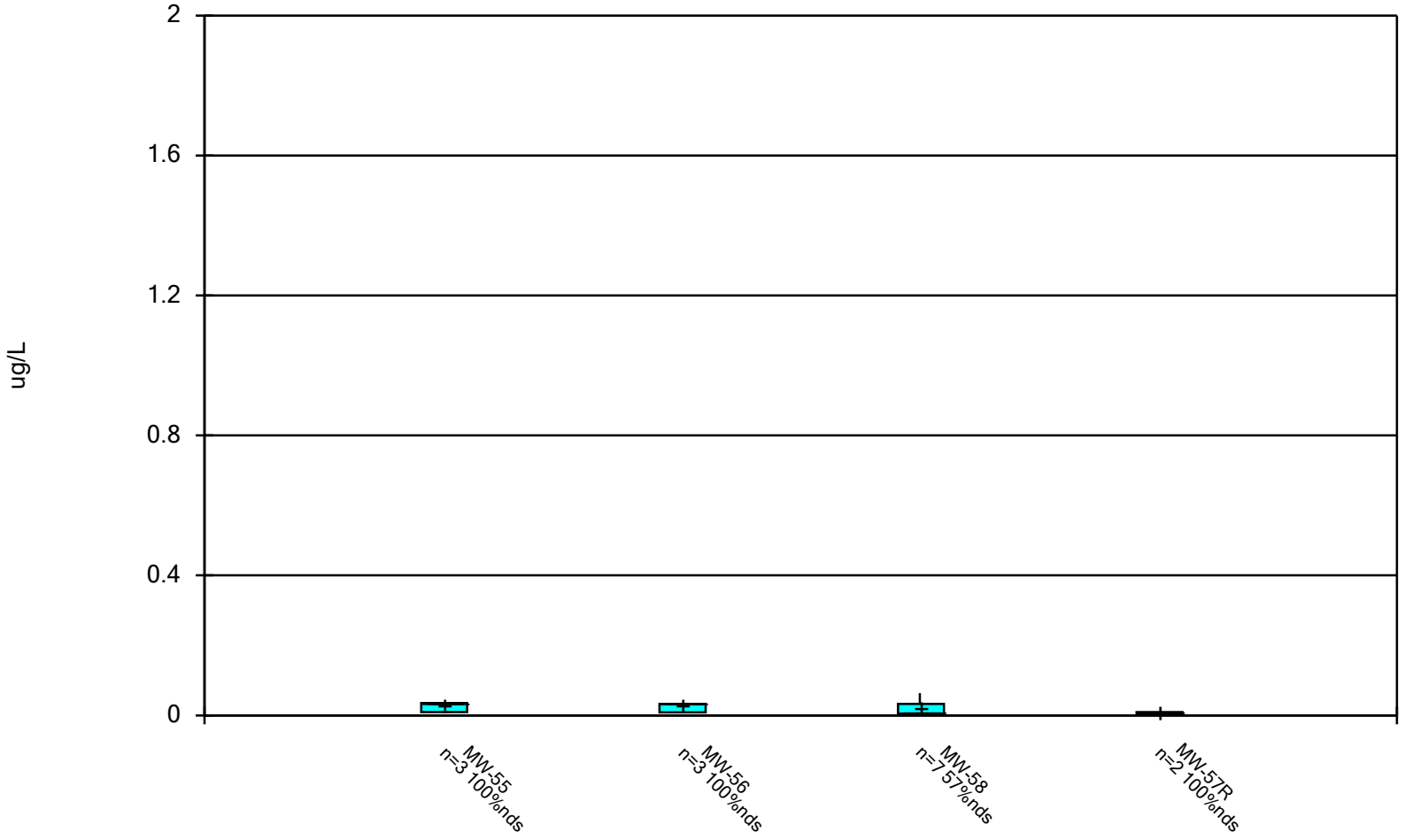


Constituent: Alpha-BHC Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Bo

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

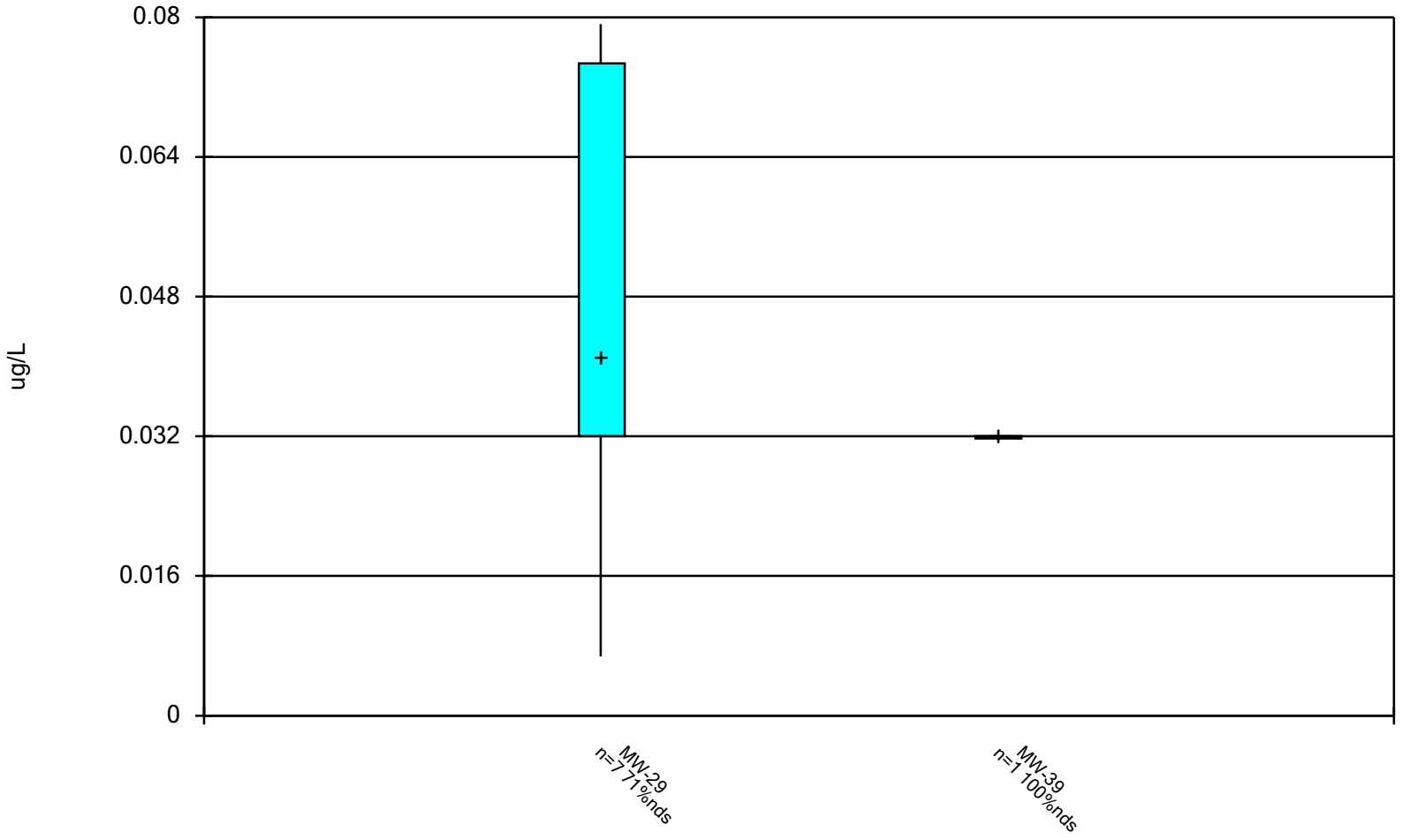


Constituent: Alpha-BHC Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Bo

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

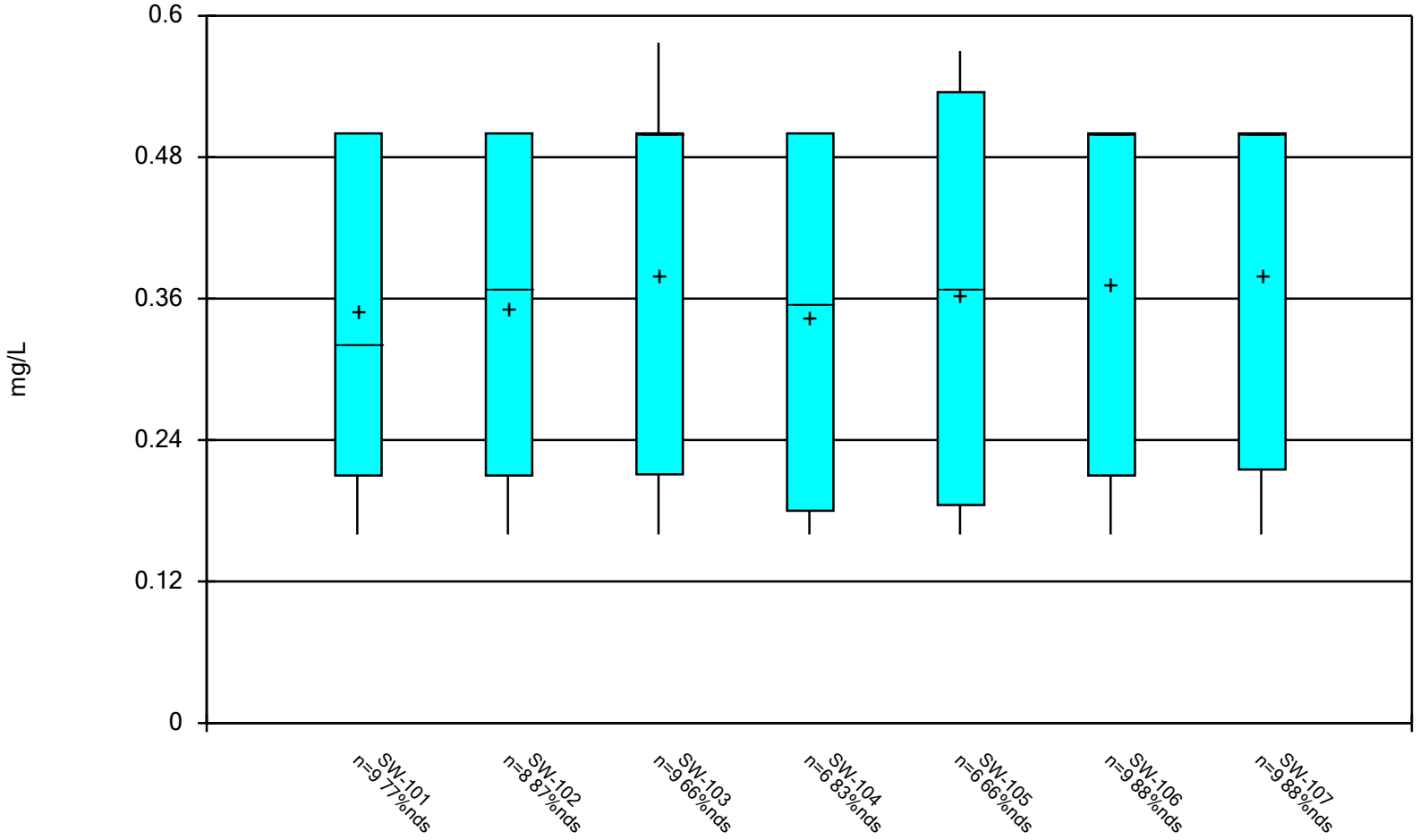


Constituent: Alpha-Chlordane Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Serie

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

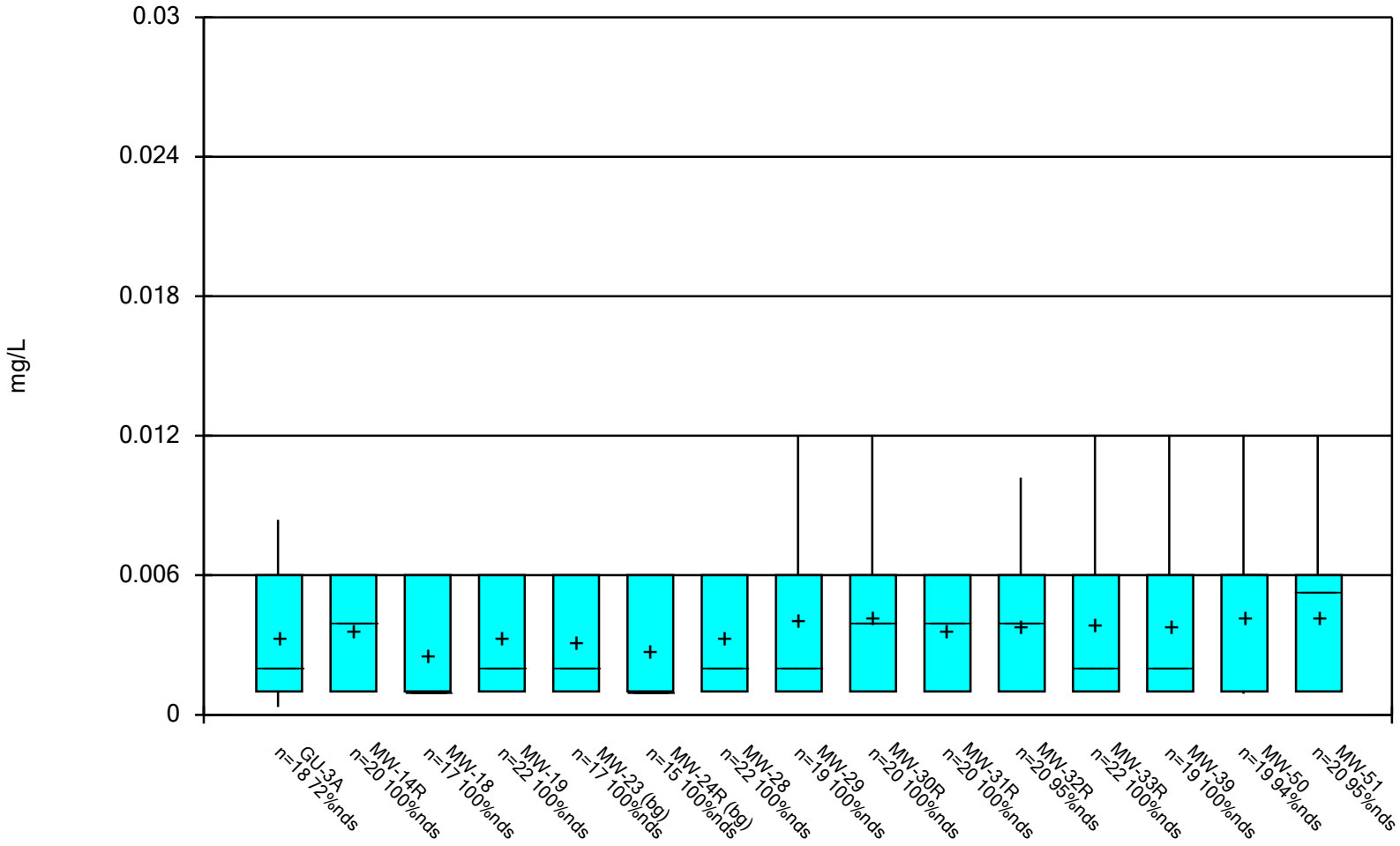


Constituent: Ammonia as N Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

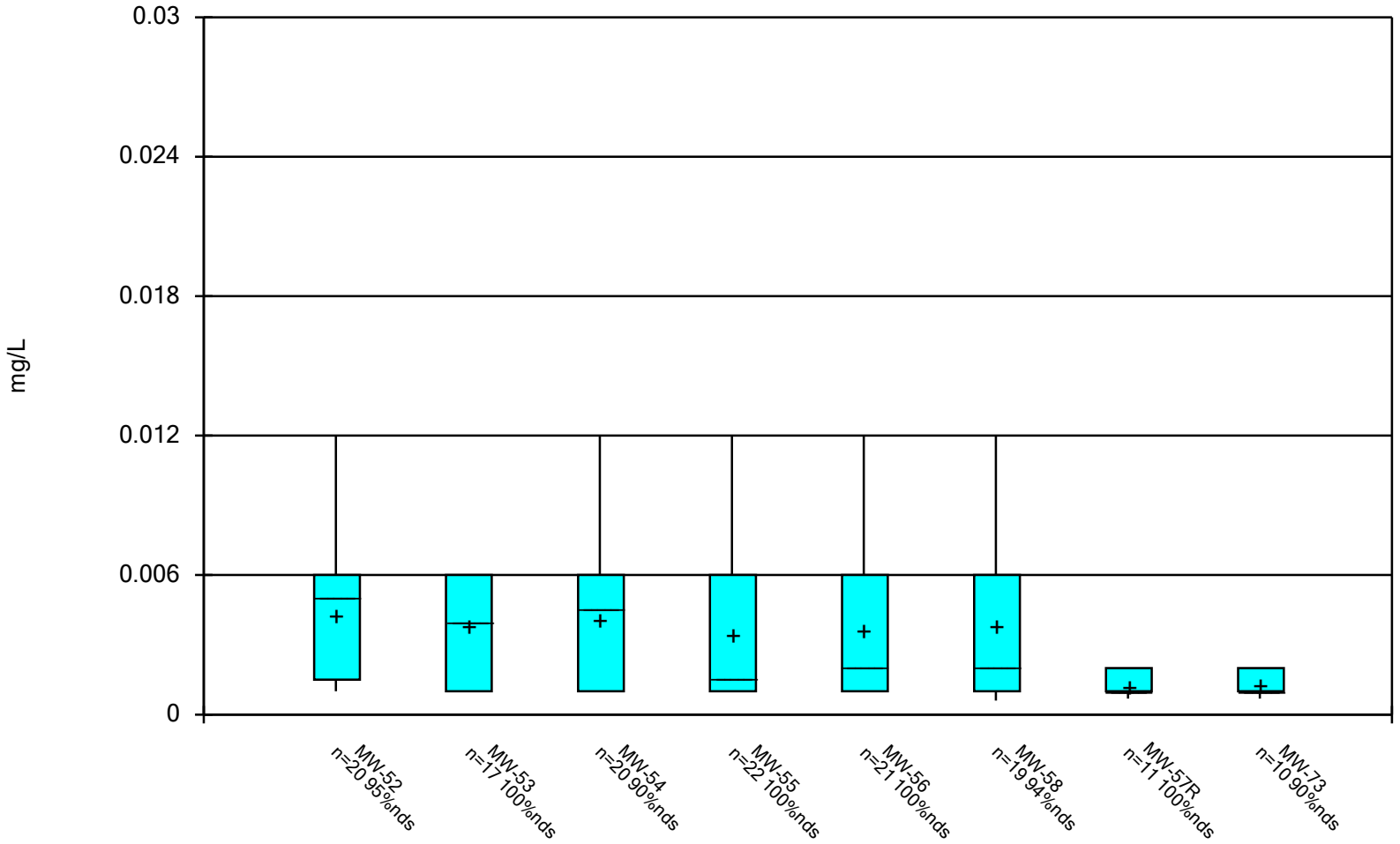


Constituent: Antimony Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

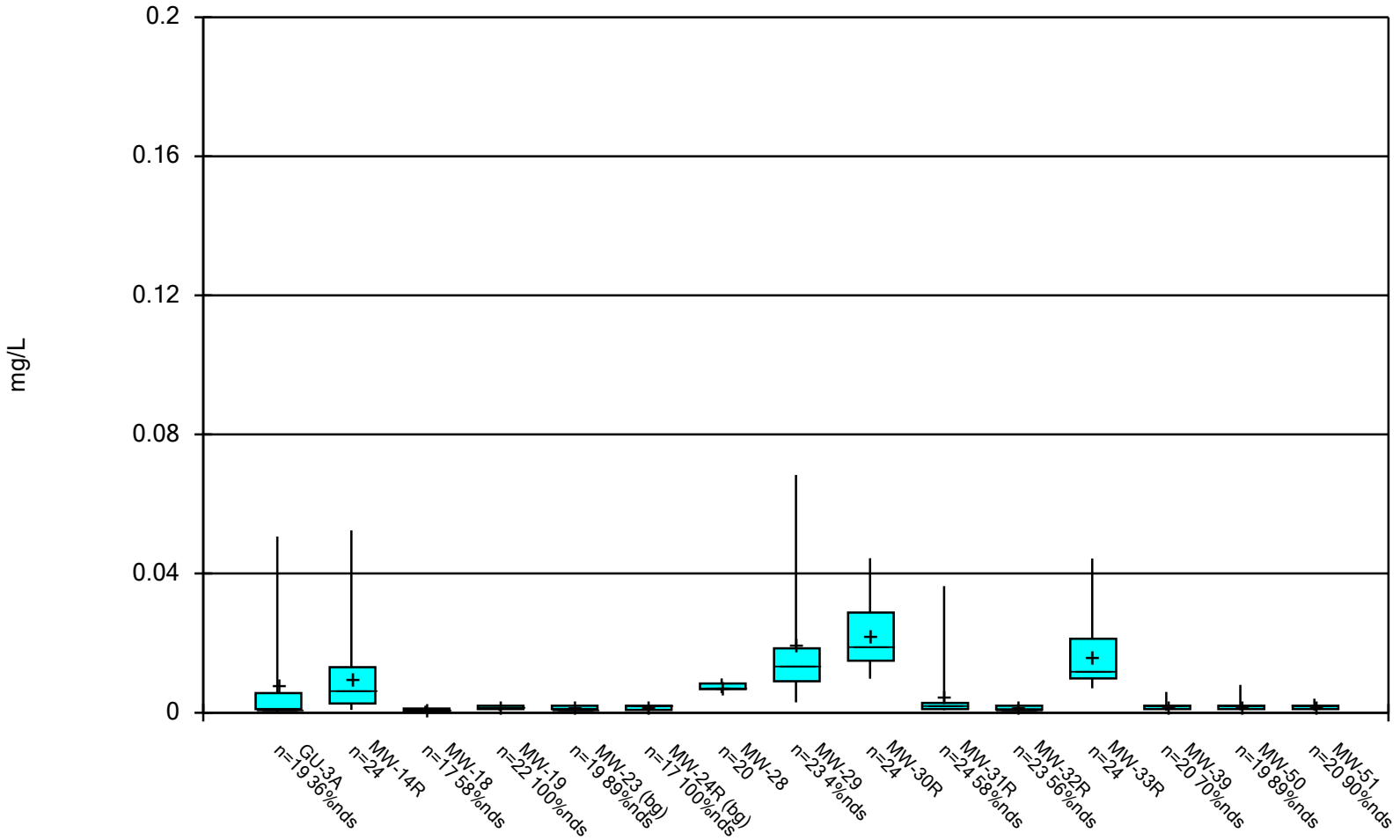


Constituent: Antimony Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

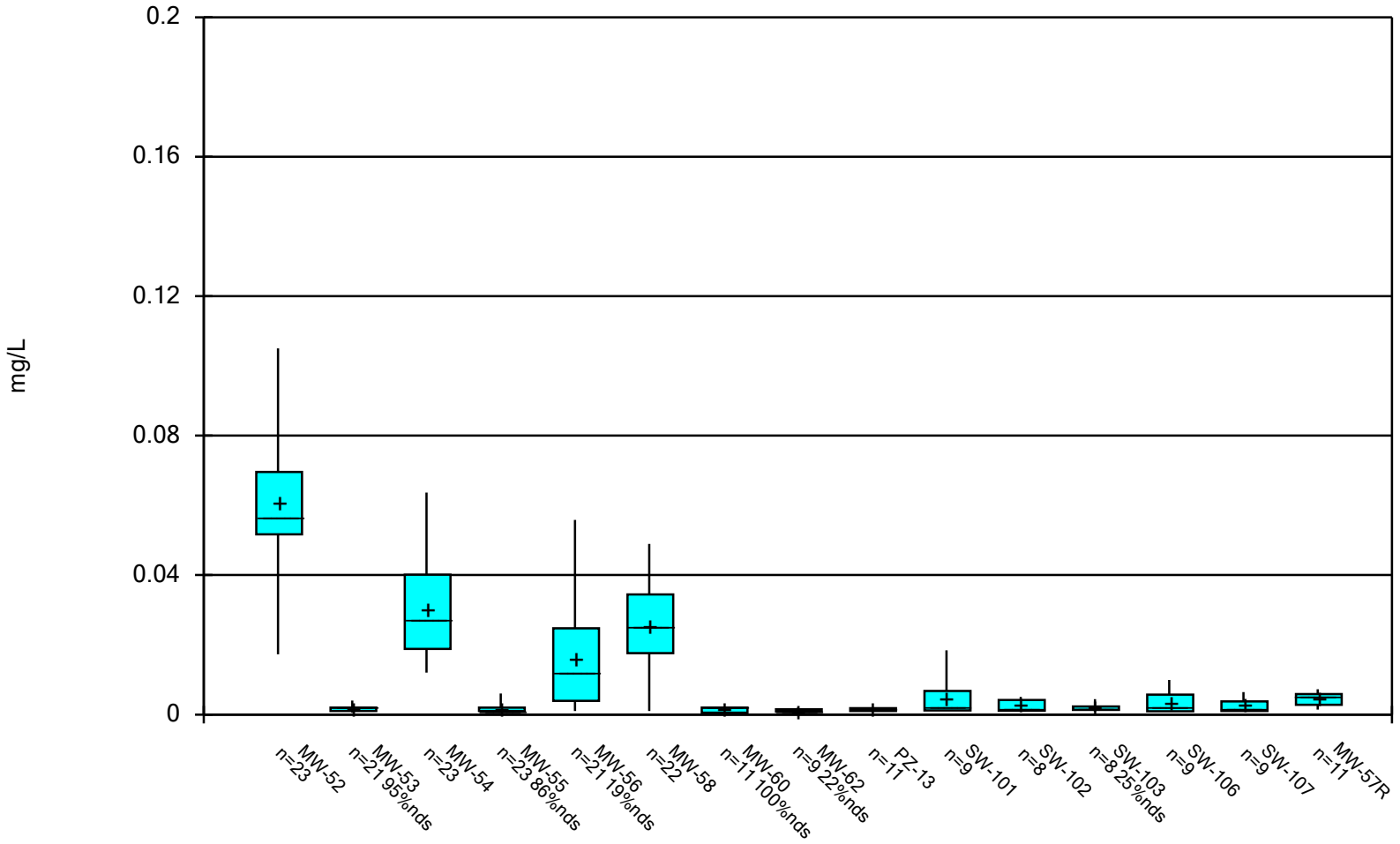


Constituent: Arsenic Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Box Pl

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

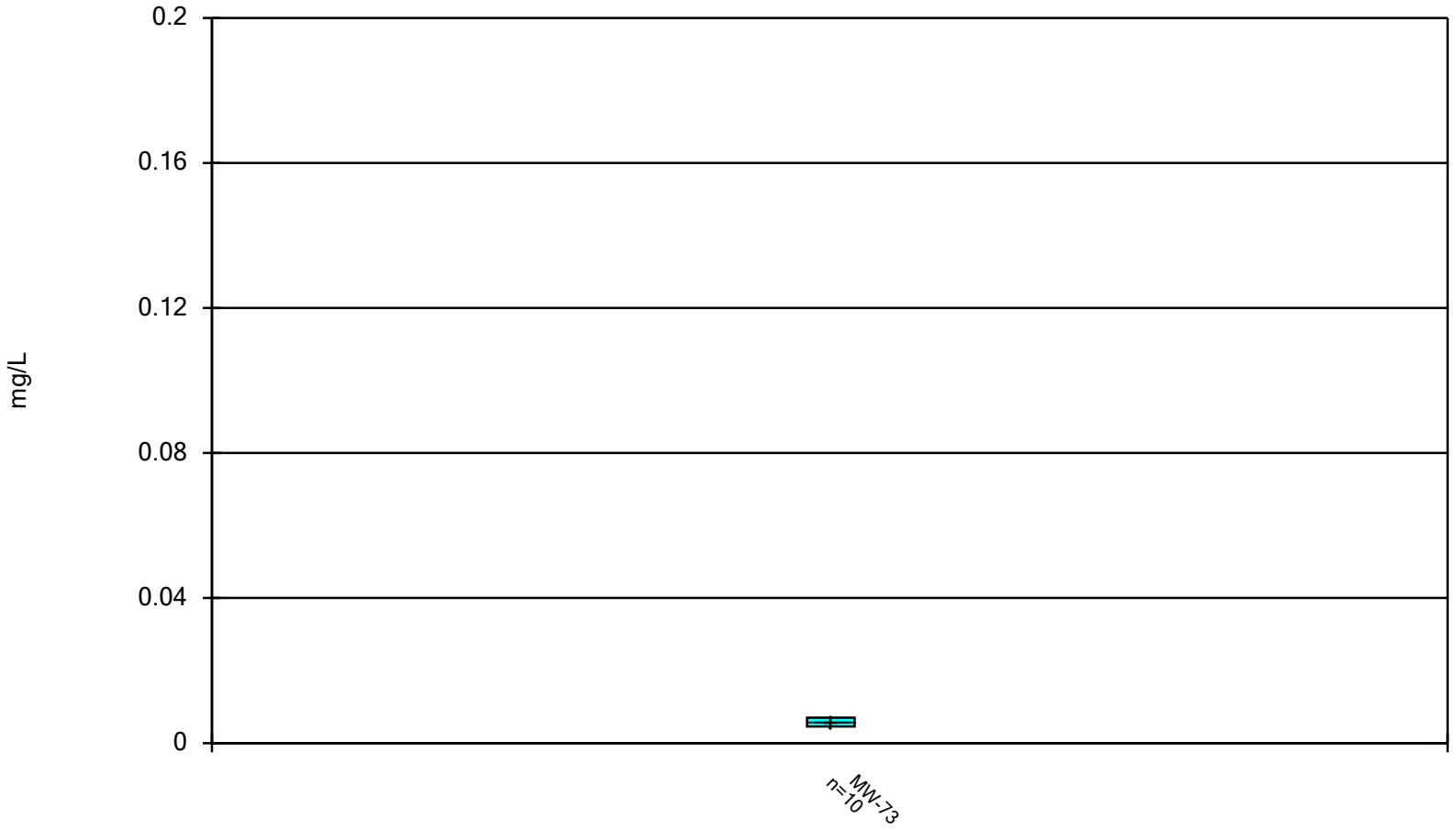


Constituent: Arsenic Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Box Pl

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

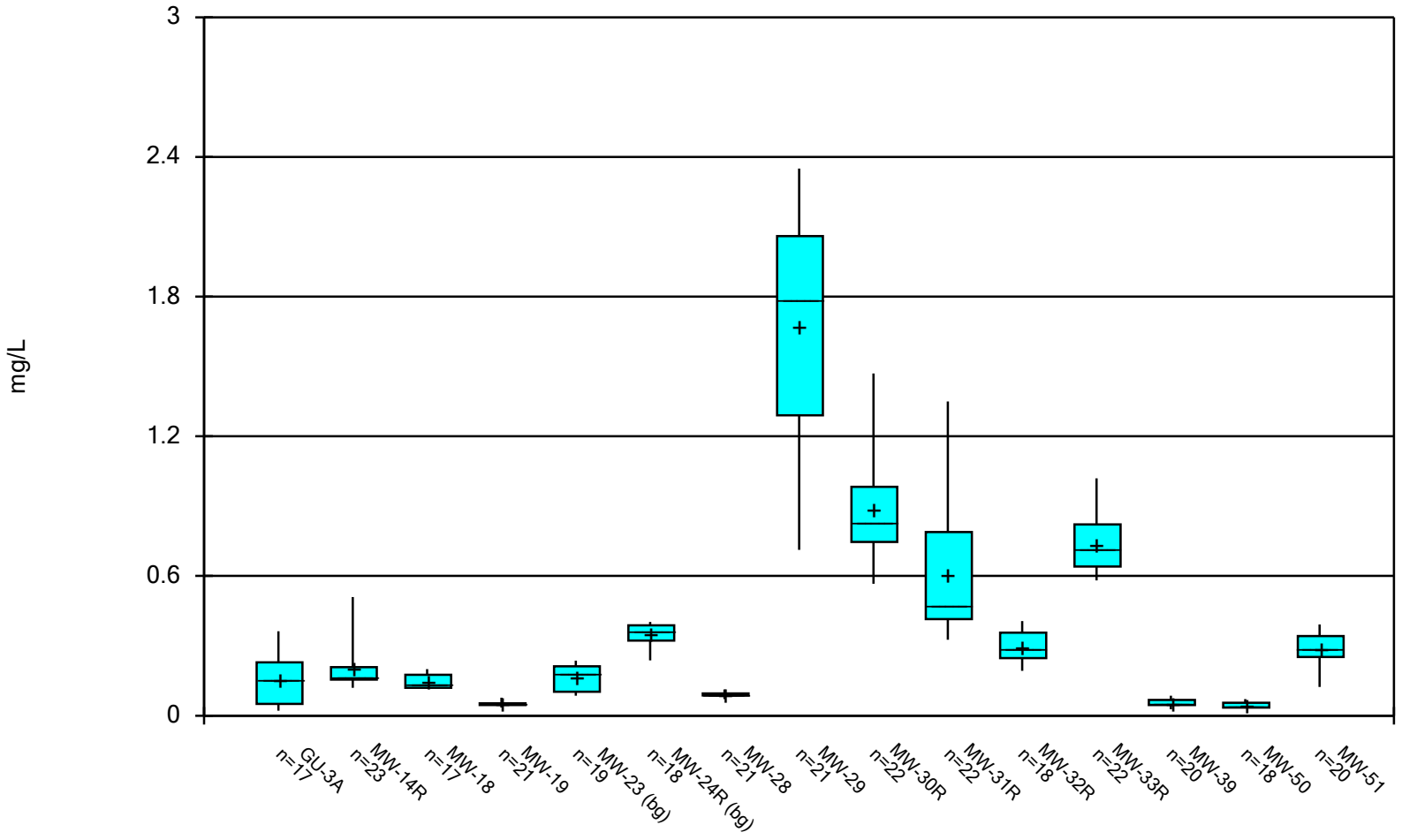


Constituent: Arsenic Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Box Pl

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

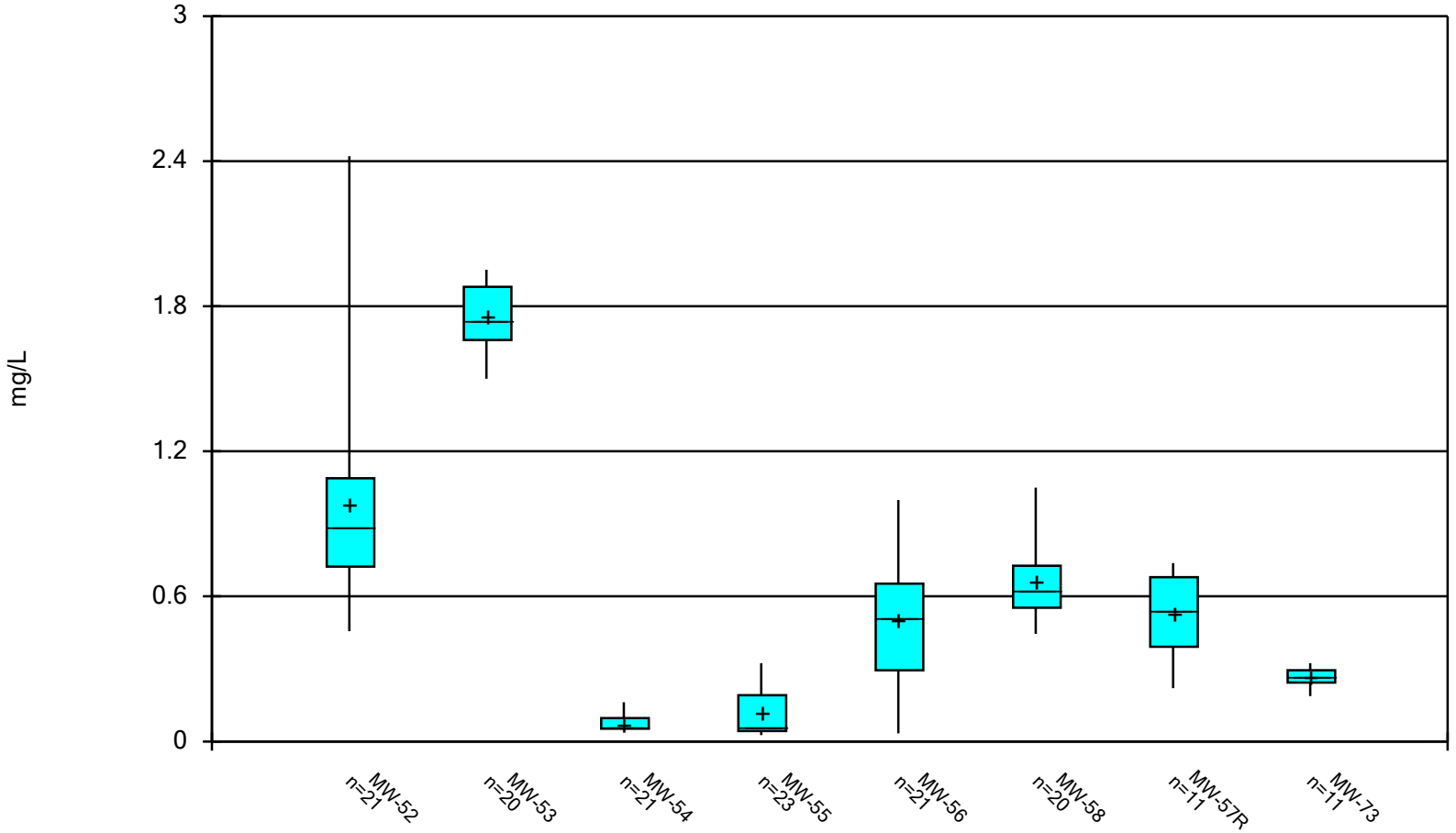


Constituent: Barium Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Box Pl

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

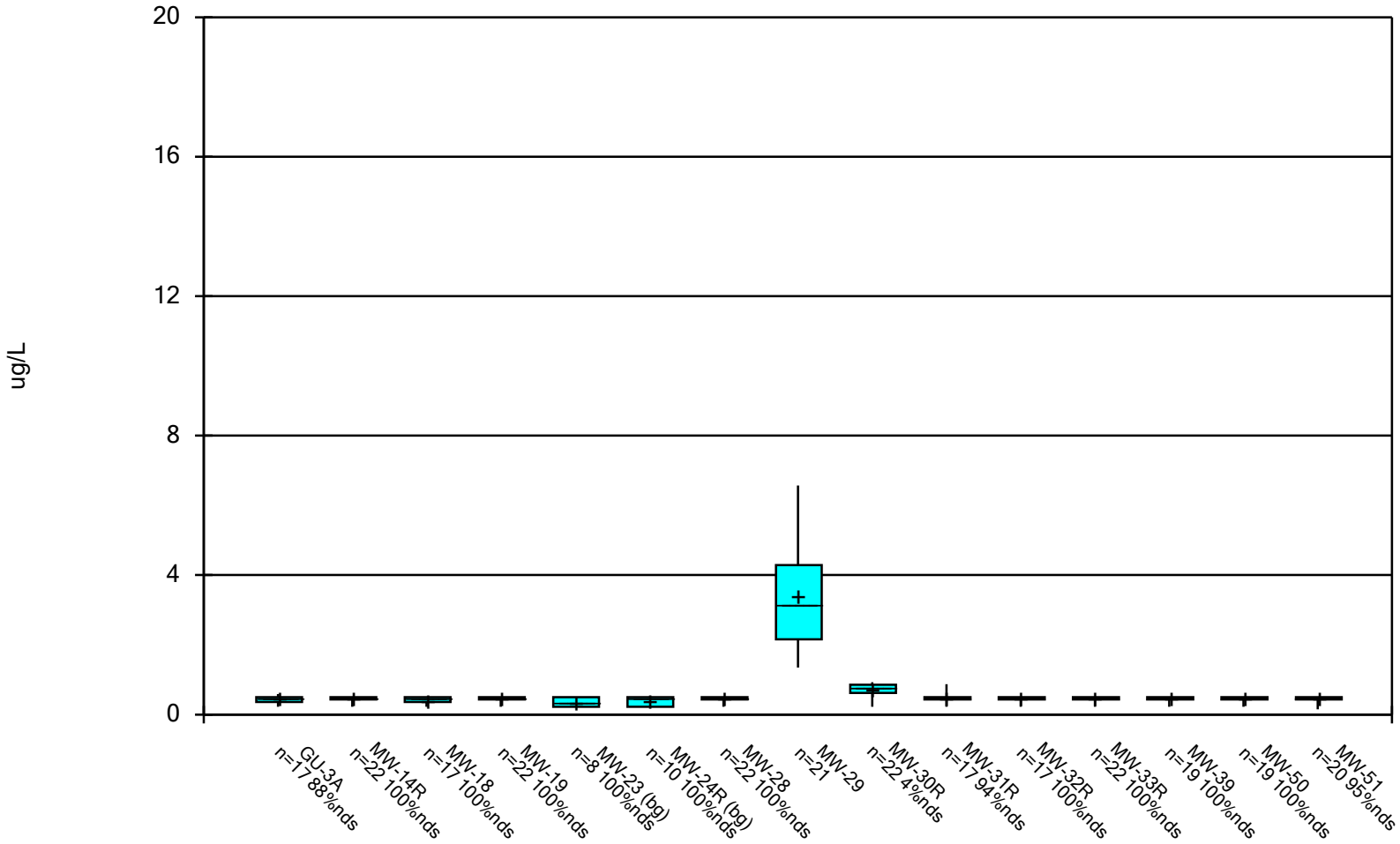


Constituent: Barium Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Box Pl

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

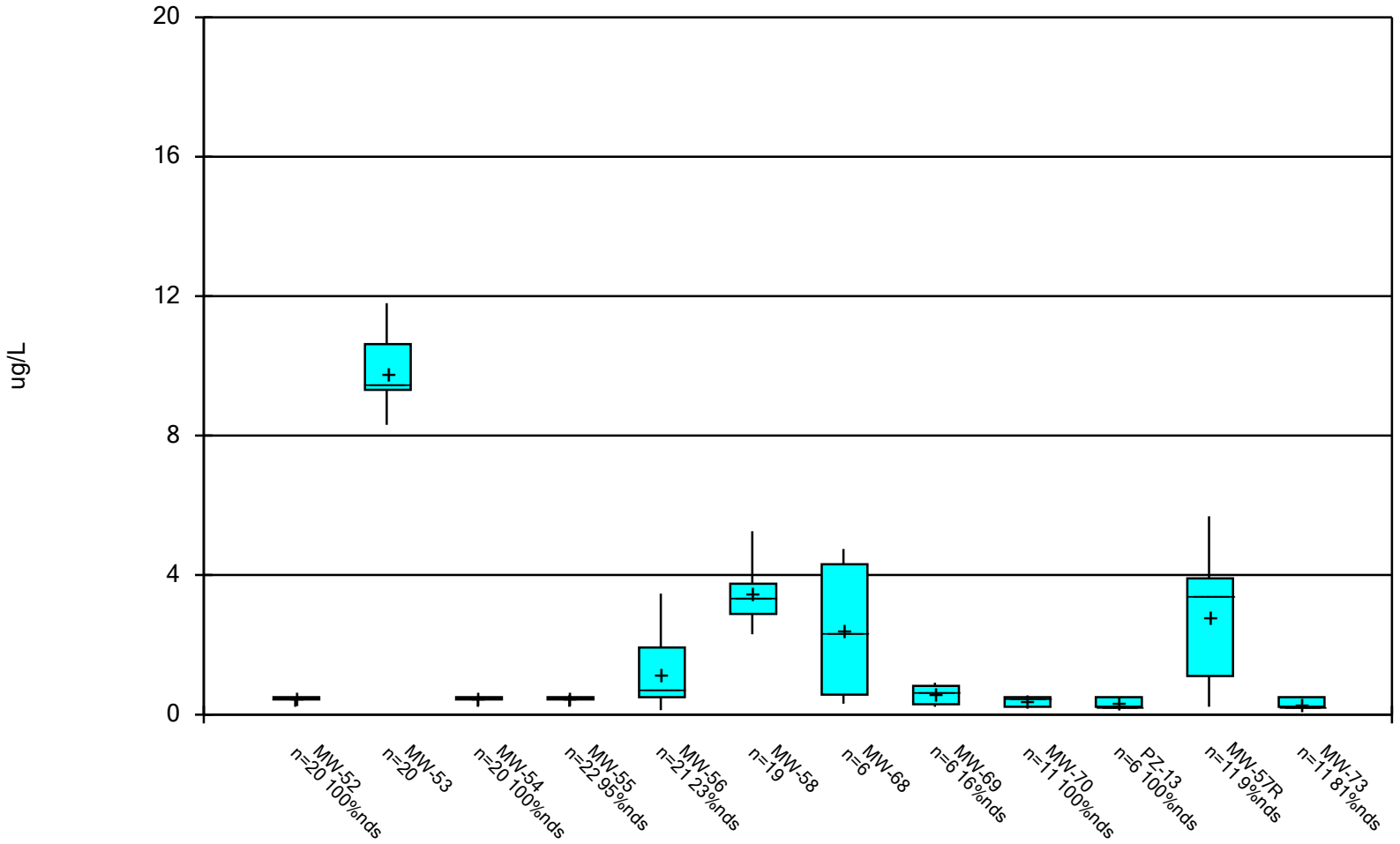


Constituent: Benzene Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

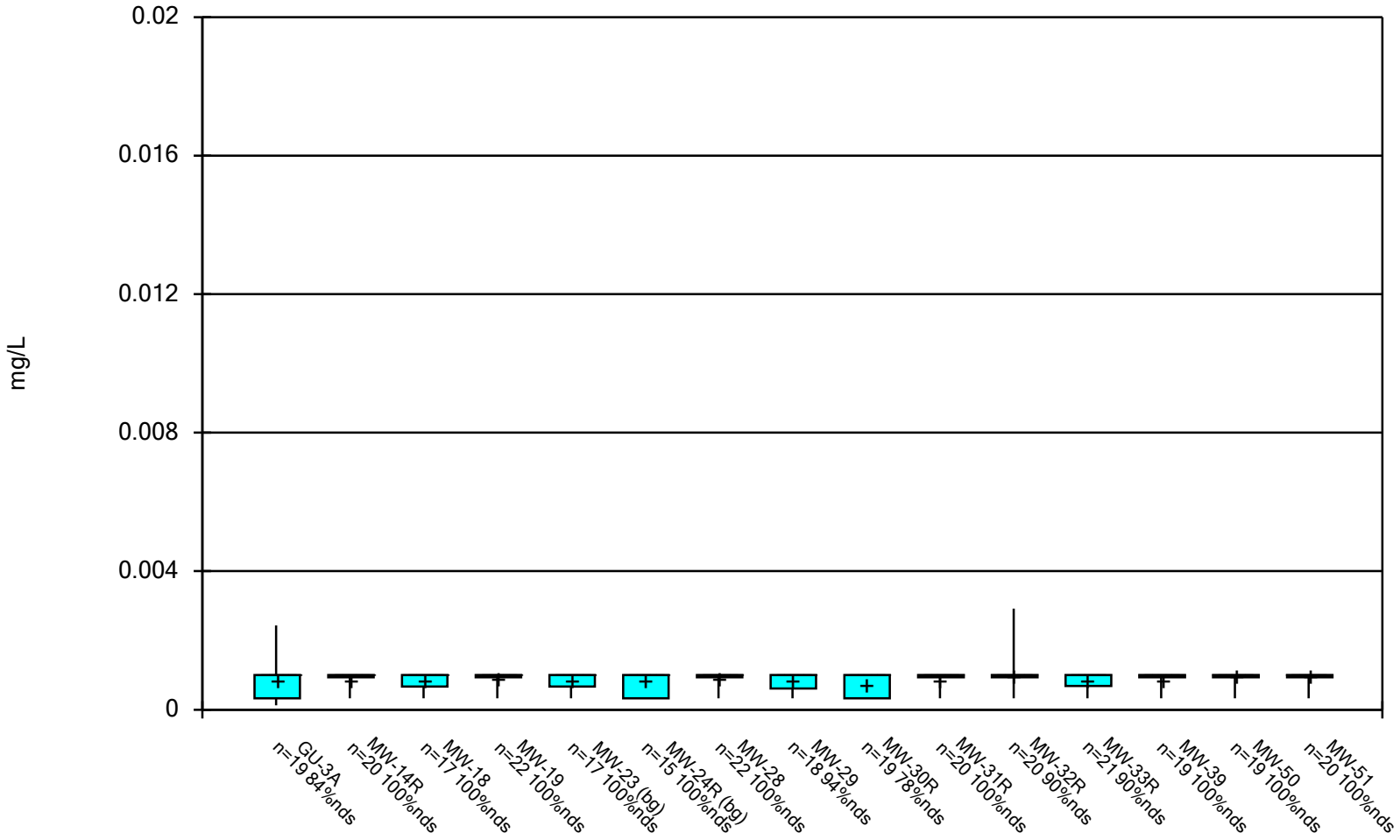


Constituent: Benzene Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

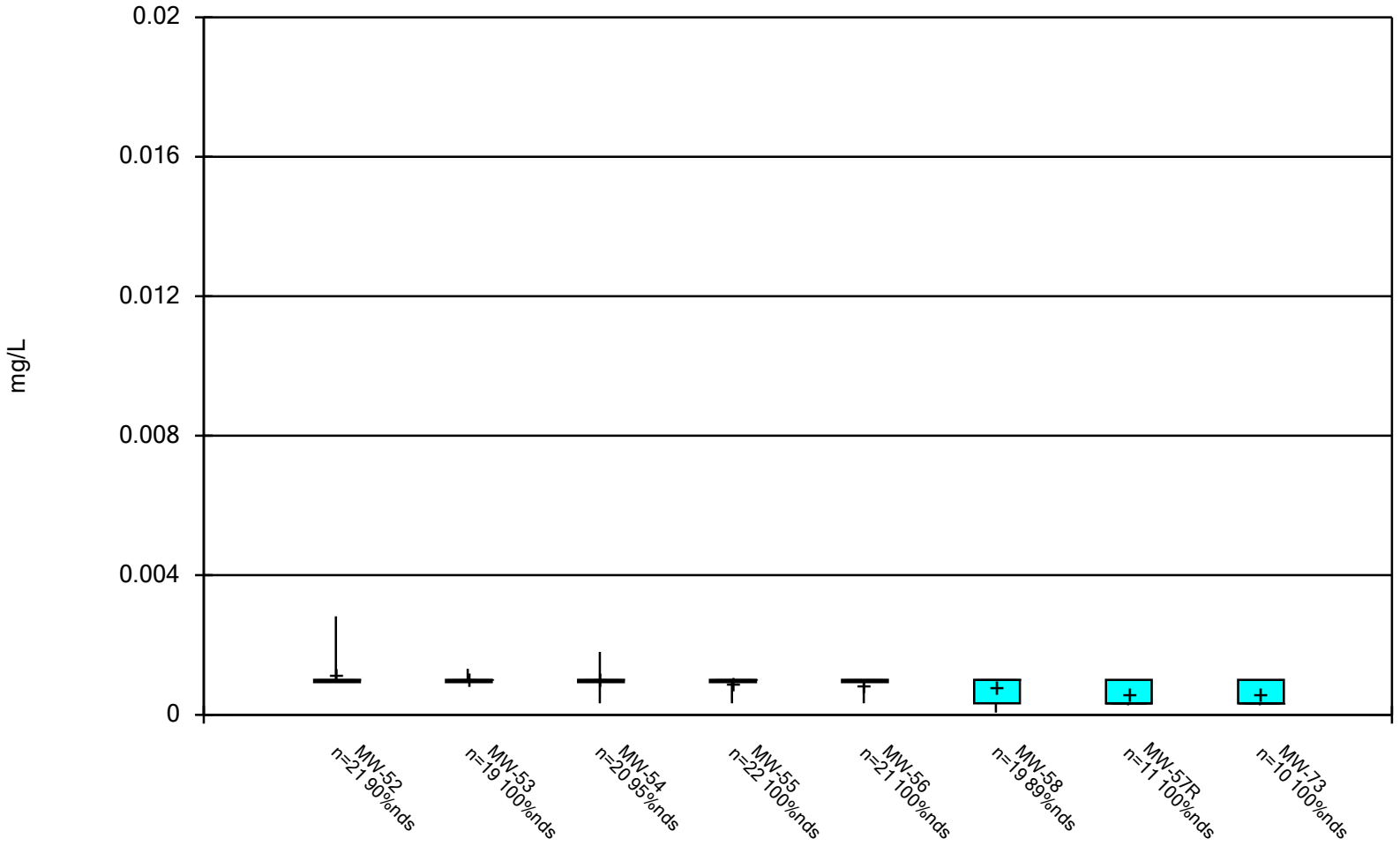


Constituent: Beryllium Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

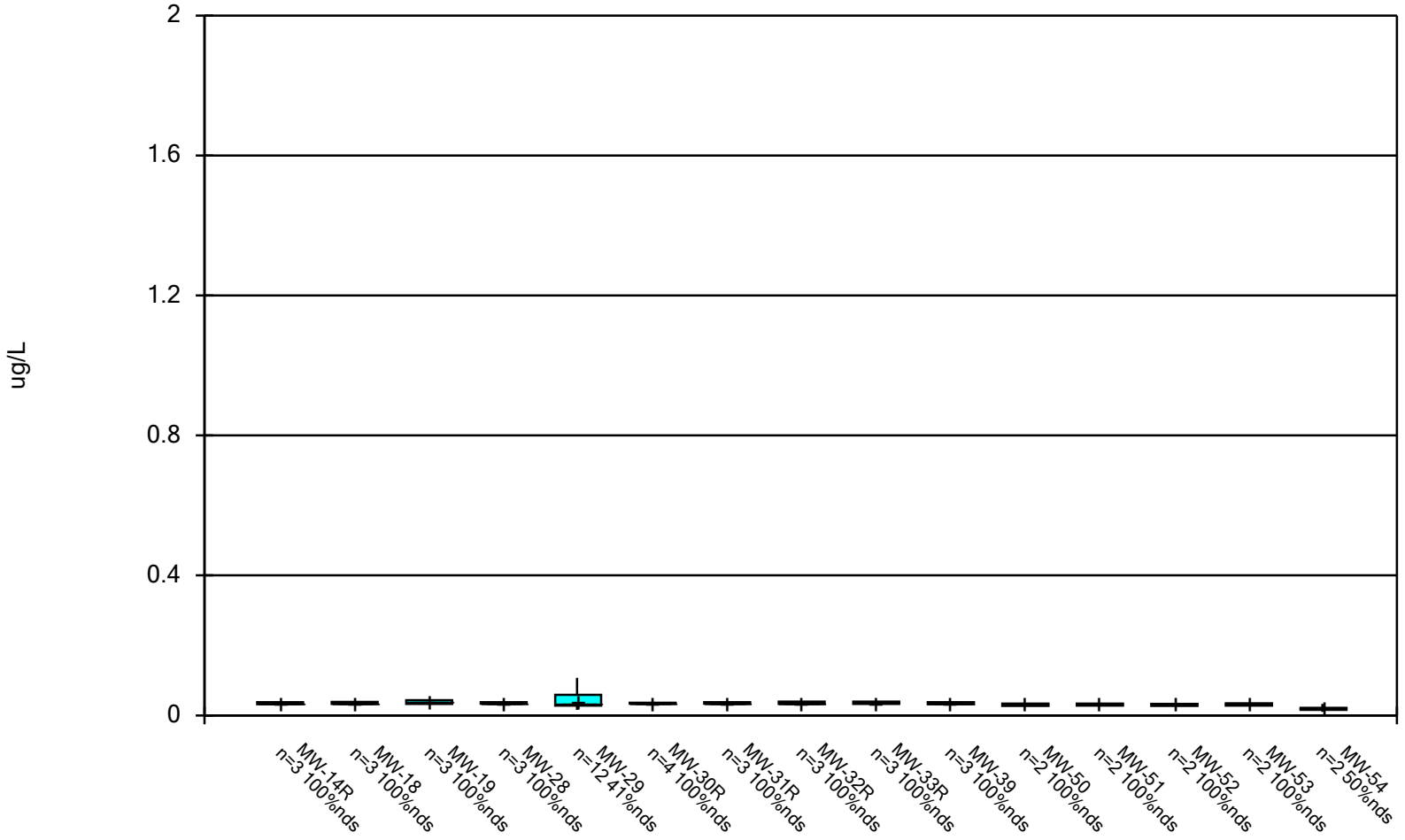


Constituent: Beryllium Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

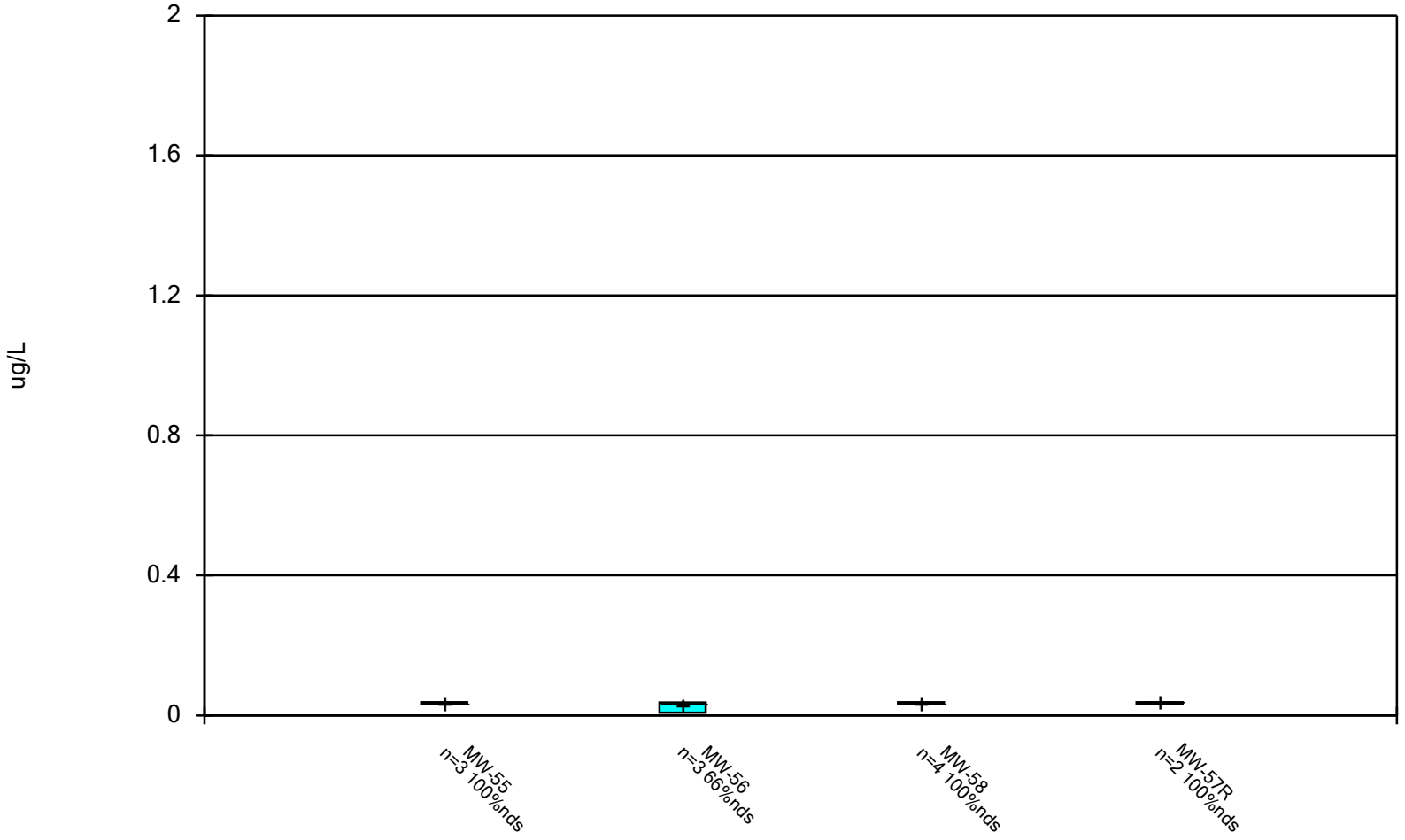


Constituent: Beta-BHC Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

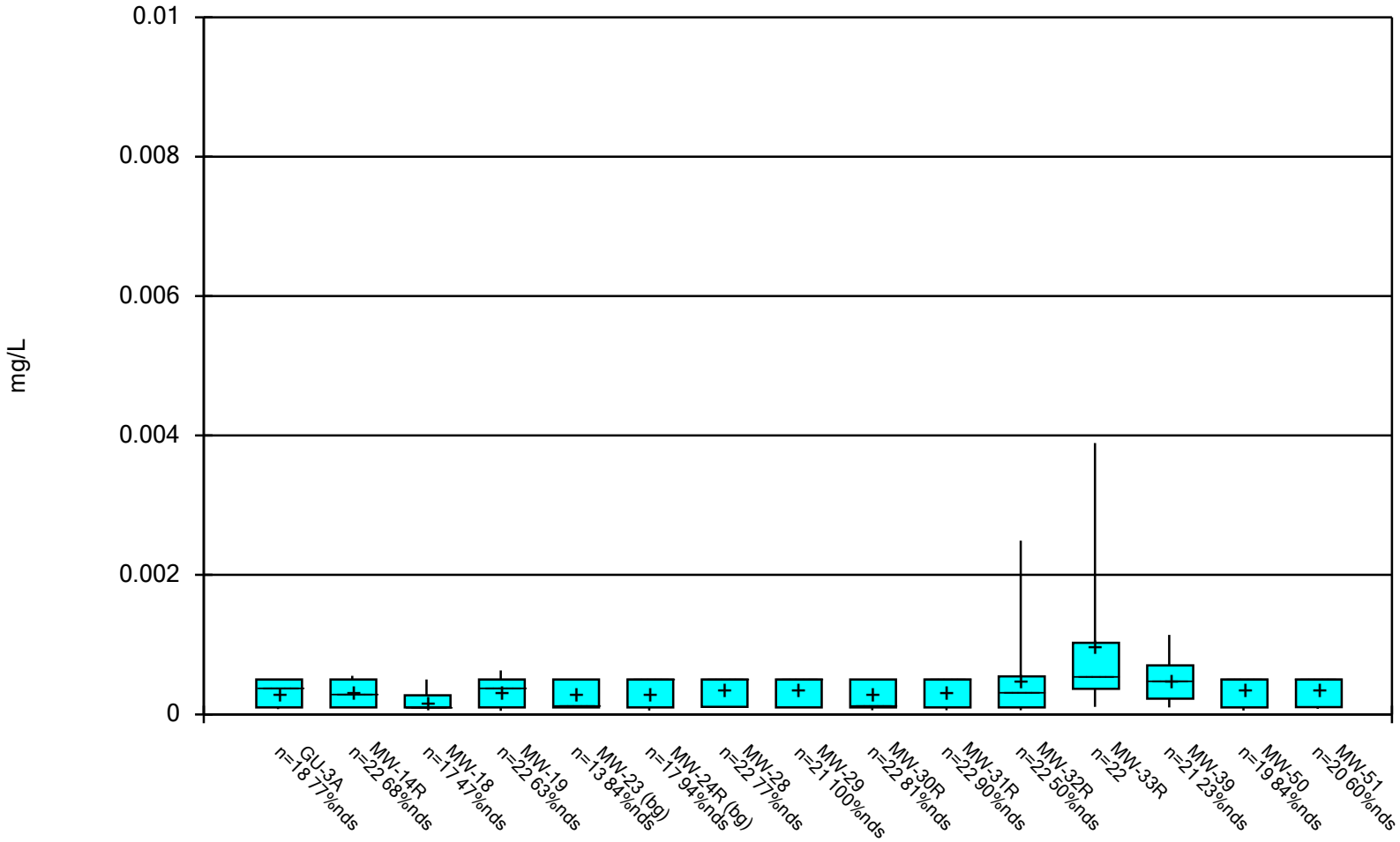


Constituent: Beta-BHC Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

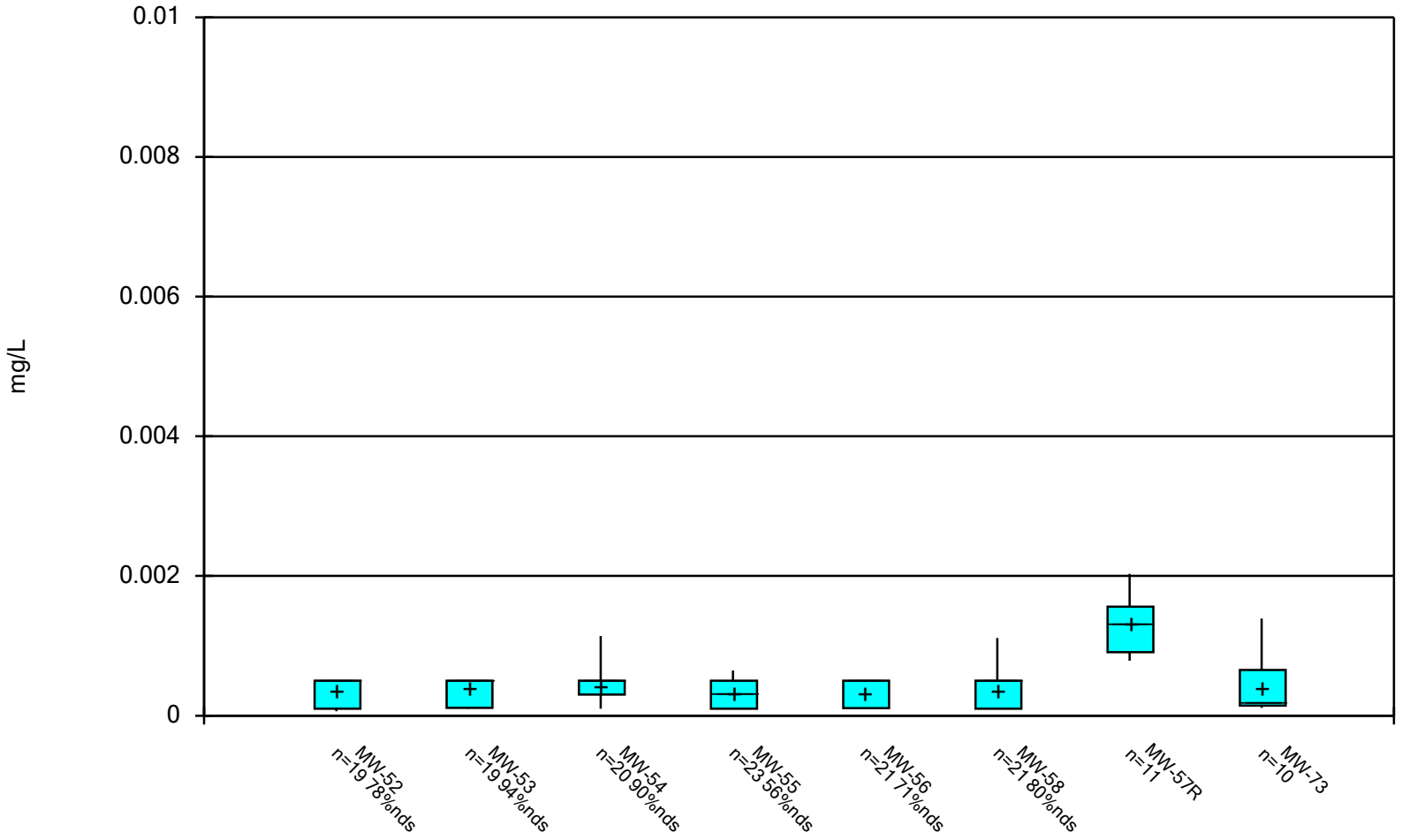


Constituent: Cadmium Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

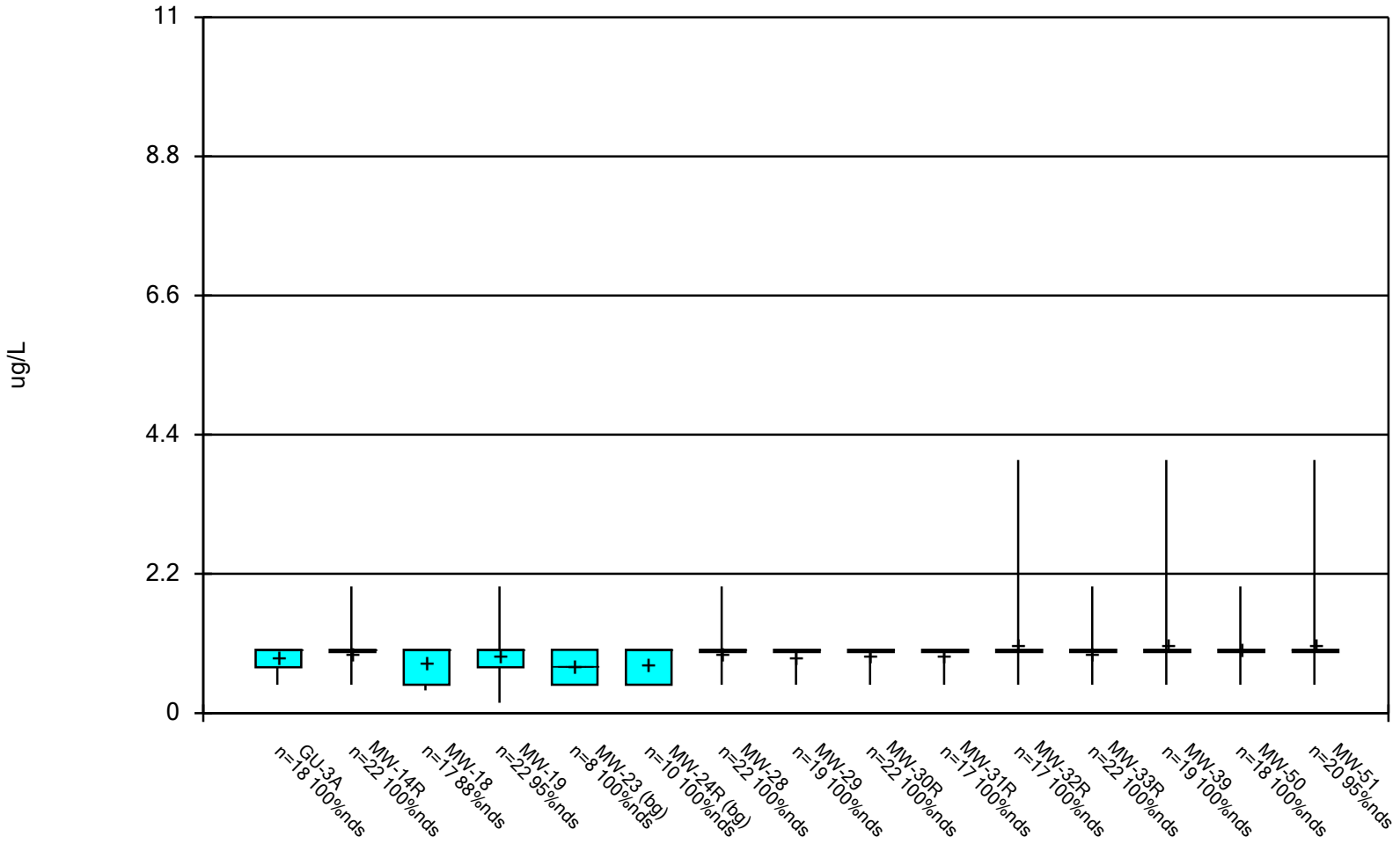


Constituent: Cadmium Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

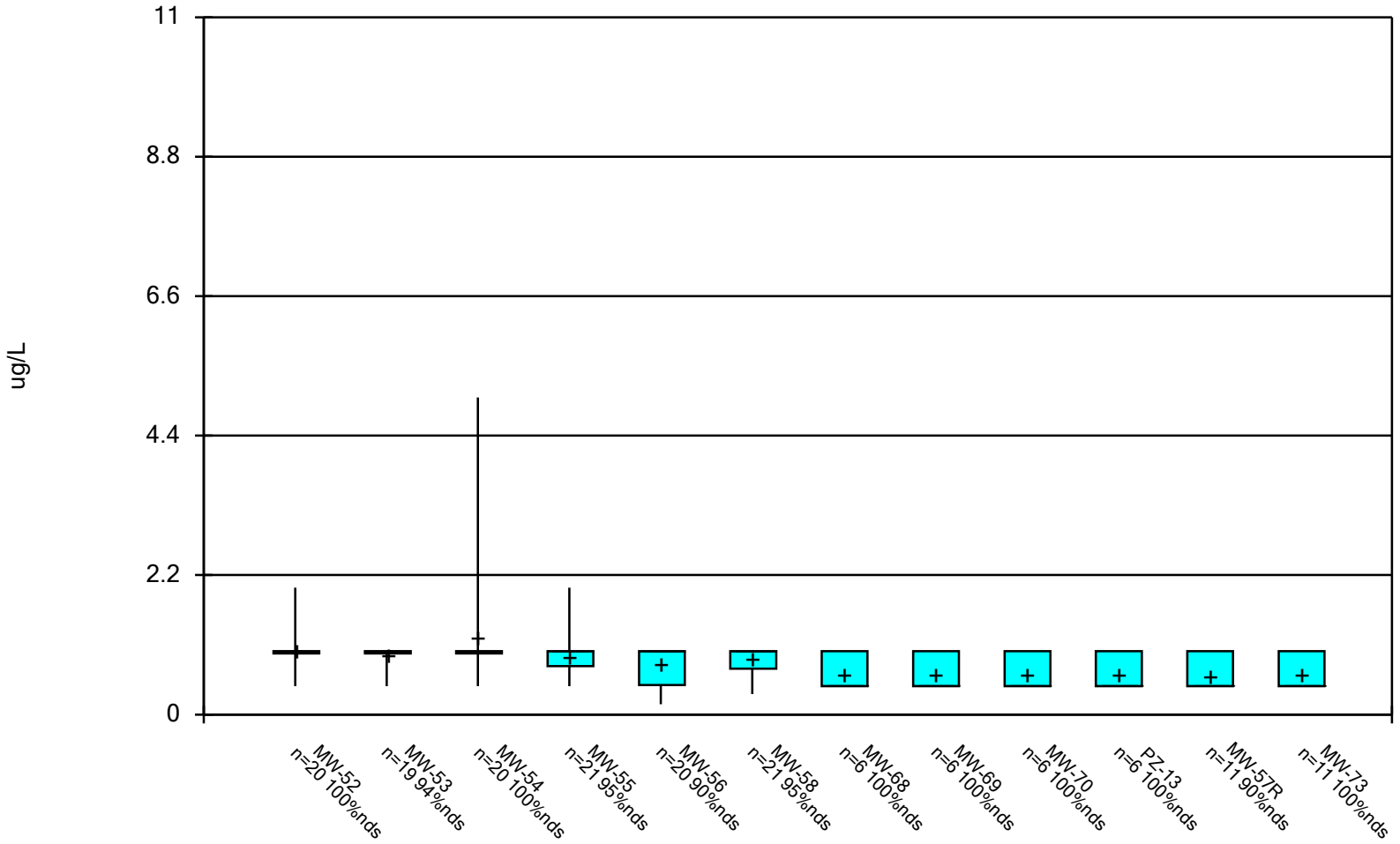


Constituent: Carbon Disulfide Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Serie

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

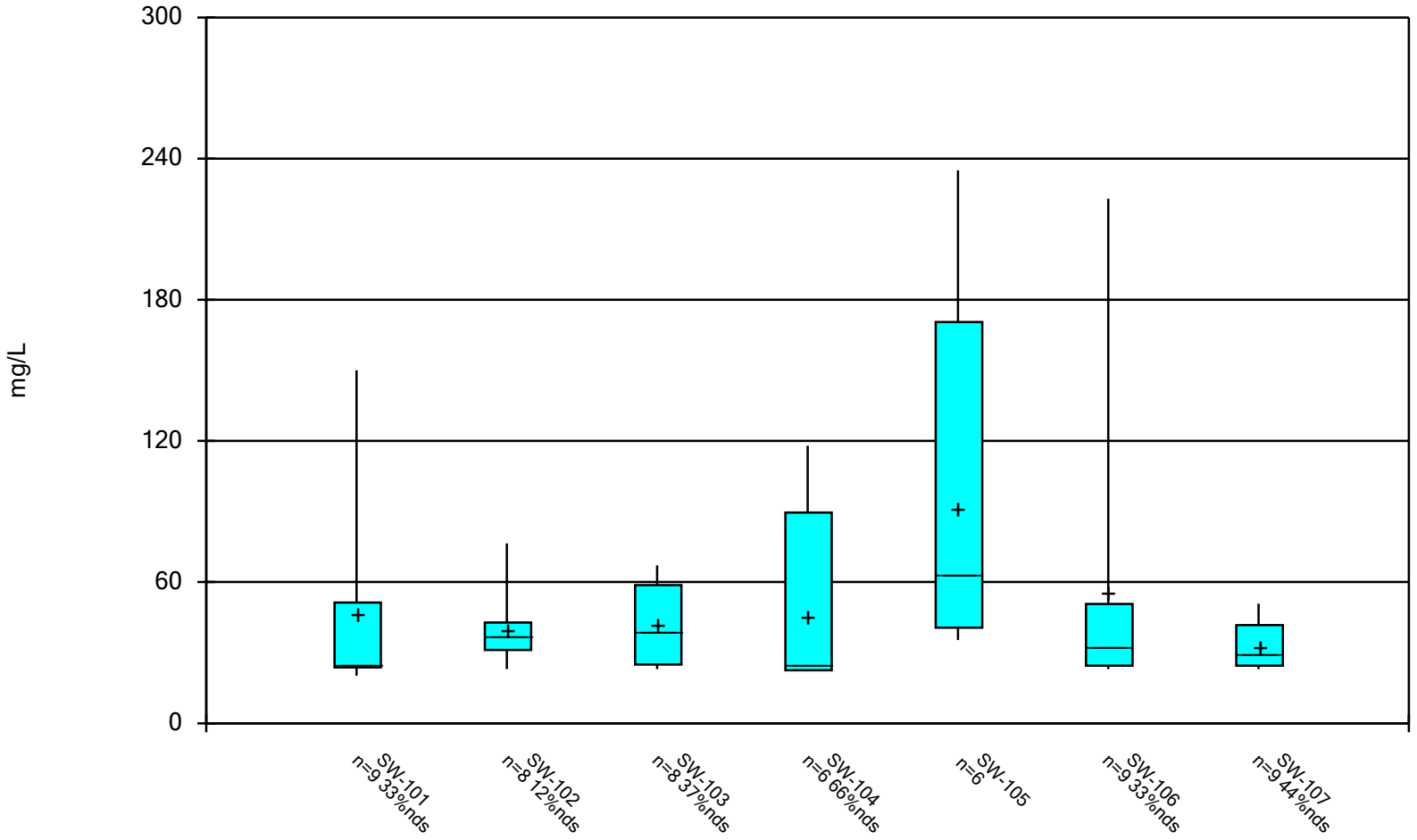


Constituent: Carbon Disulfide Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Serie

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

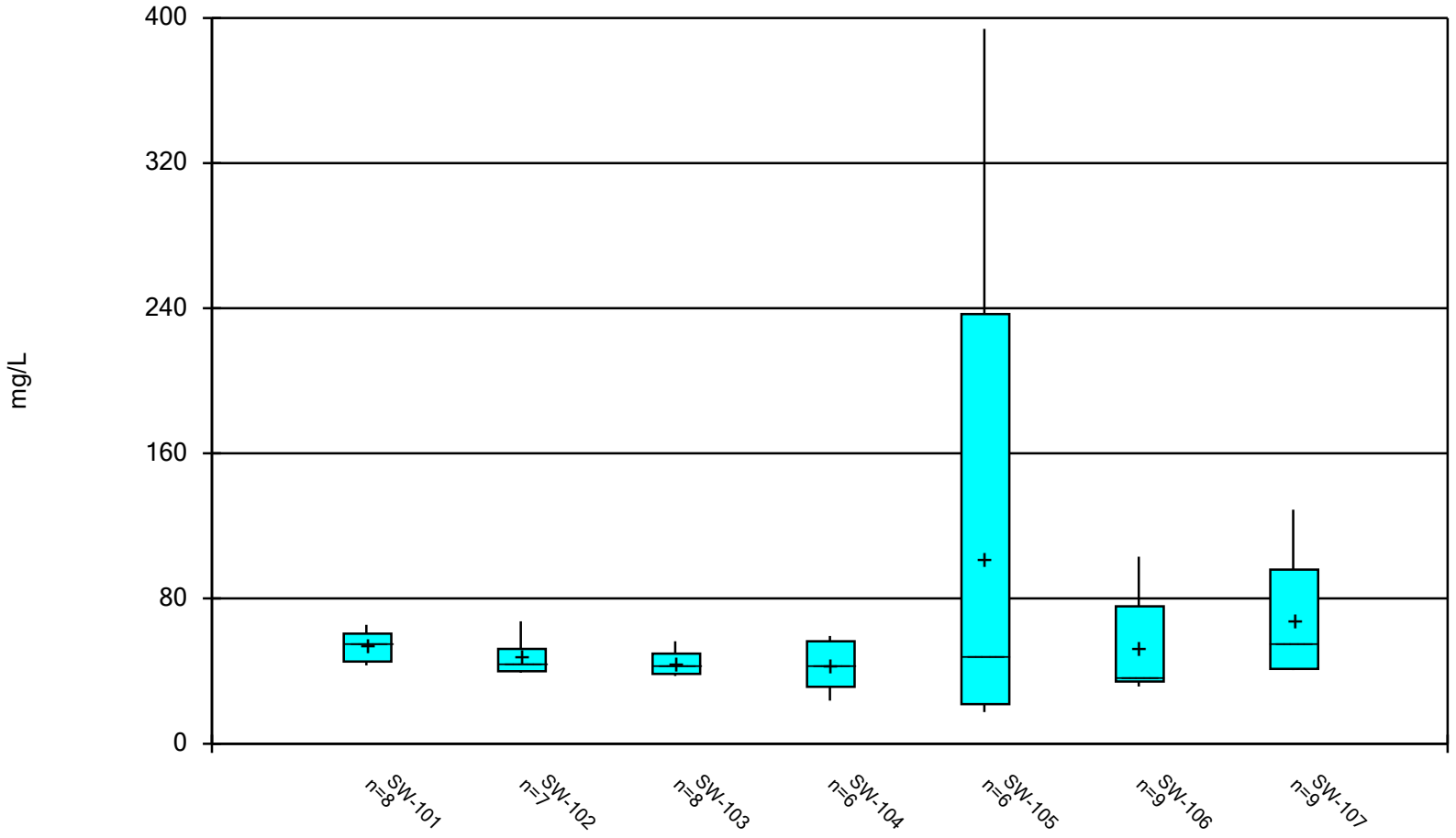
Box & Whiskers Plot



Constituent: Chemical Oxygen Demand Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

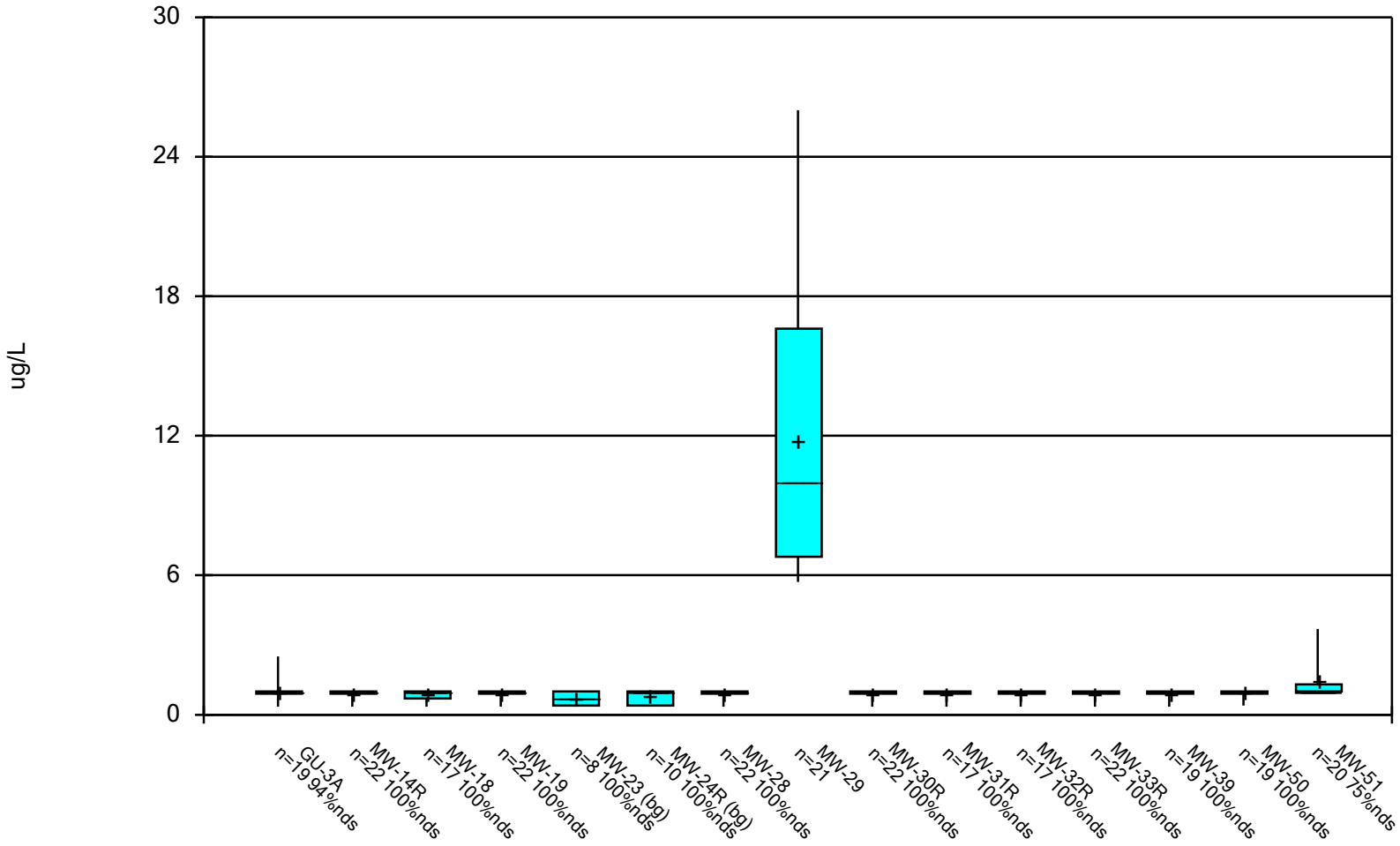


Constituent: Chloride Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series_Box P

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

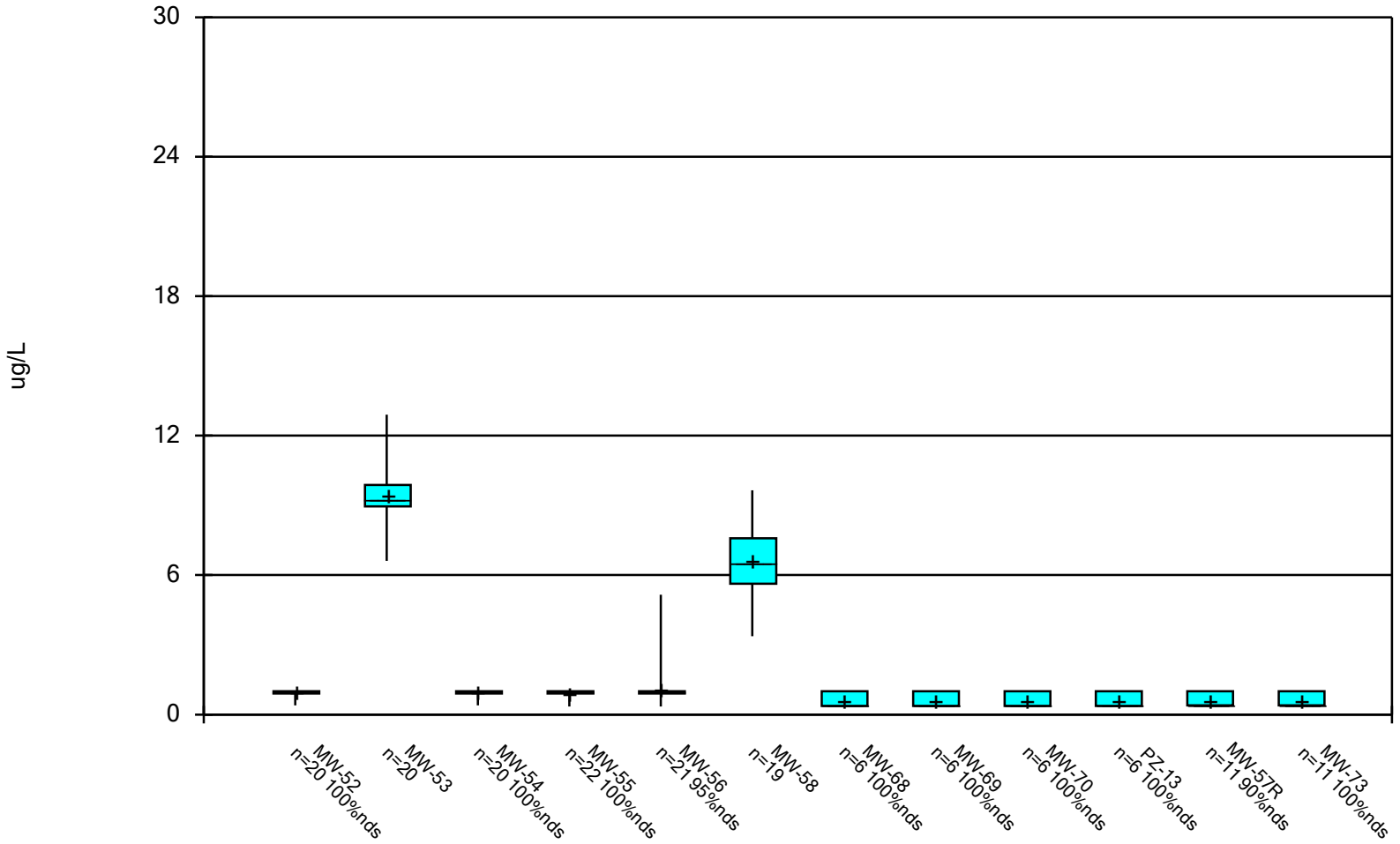


Constituent: Chlorobenzene Analysis Run 4/29/2026 2:25 PM View: 2_Descriptive Statistics - Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

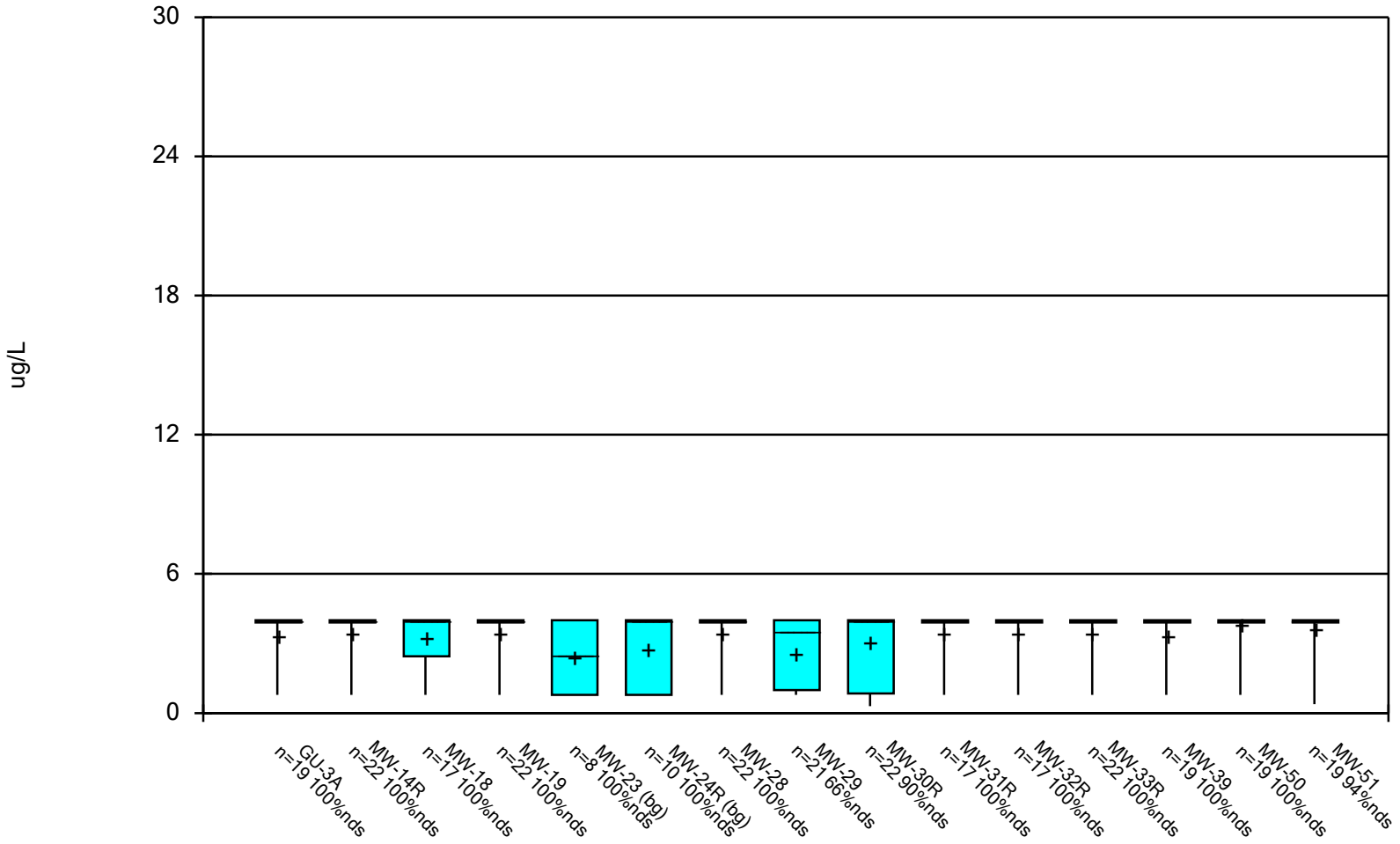


Constituent: Chlorobenzene Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

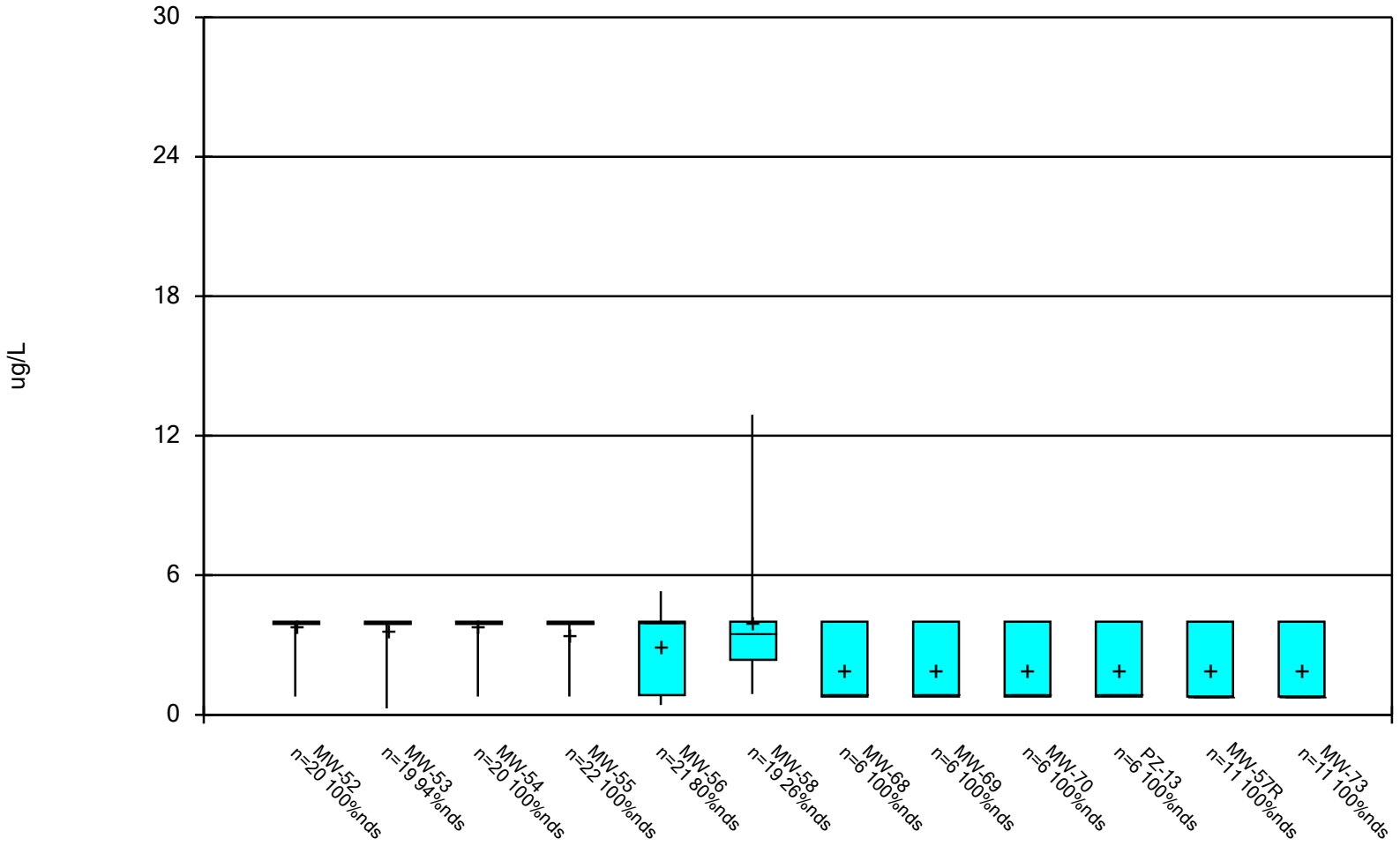


Constituent: Chloroethane Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series_

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

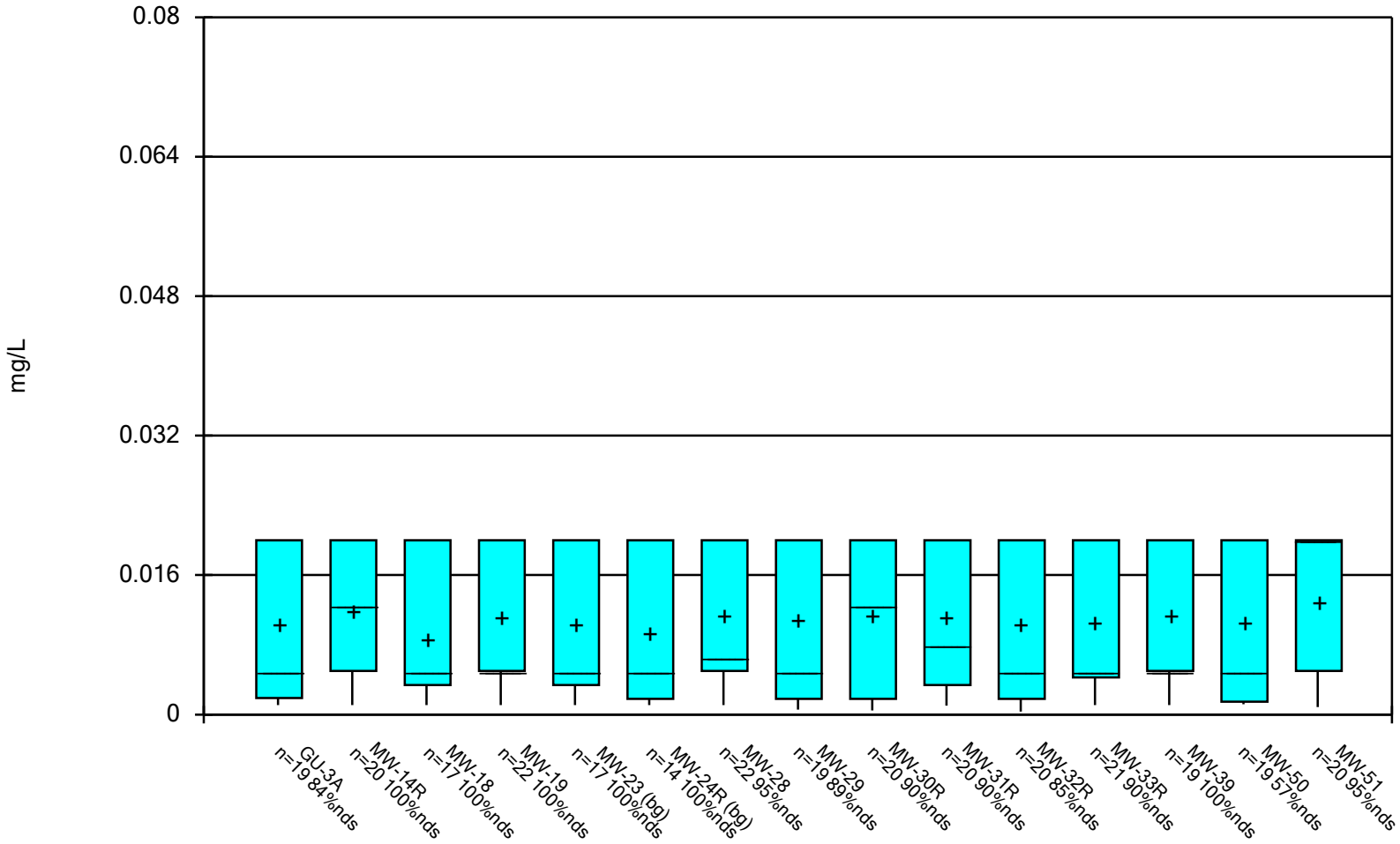


Constituent: Chloroethane Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series_

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

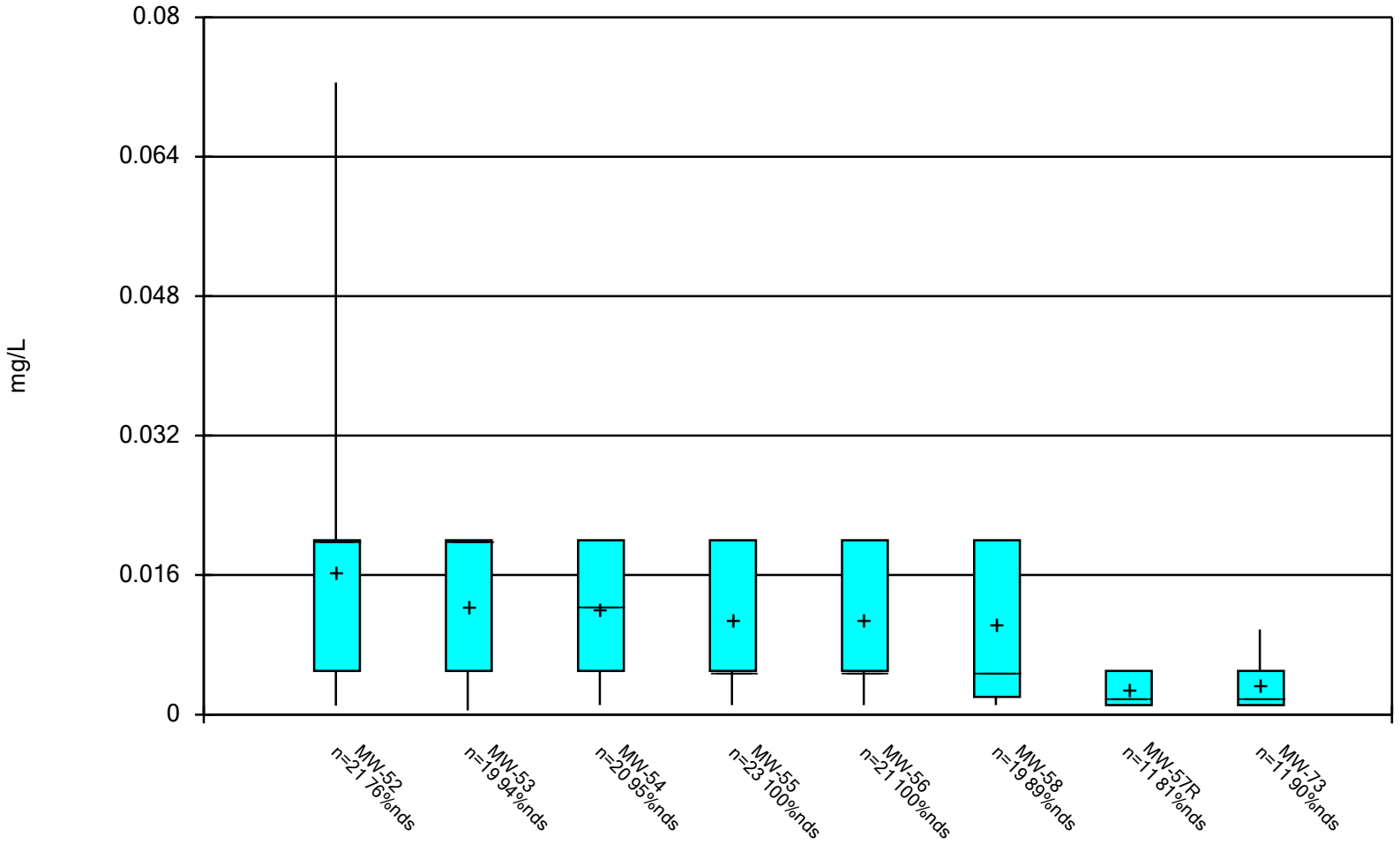


Constituent: Chromium Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

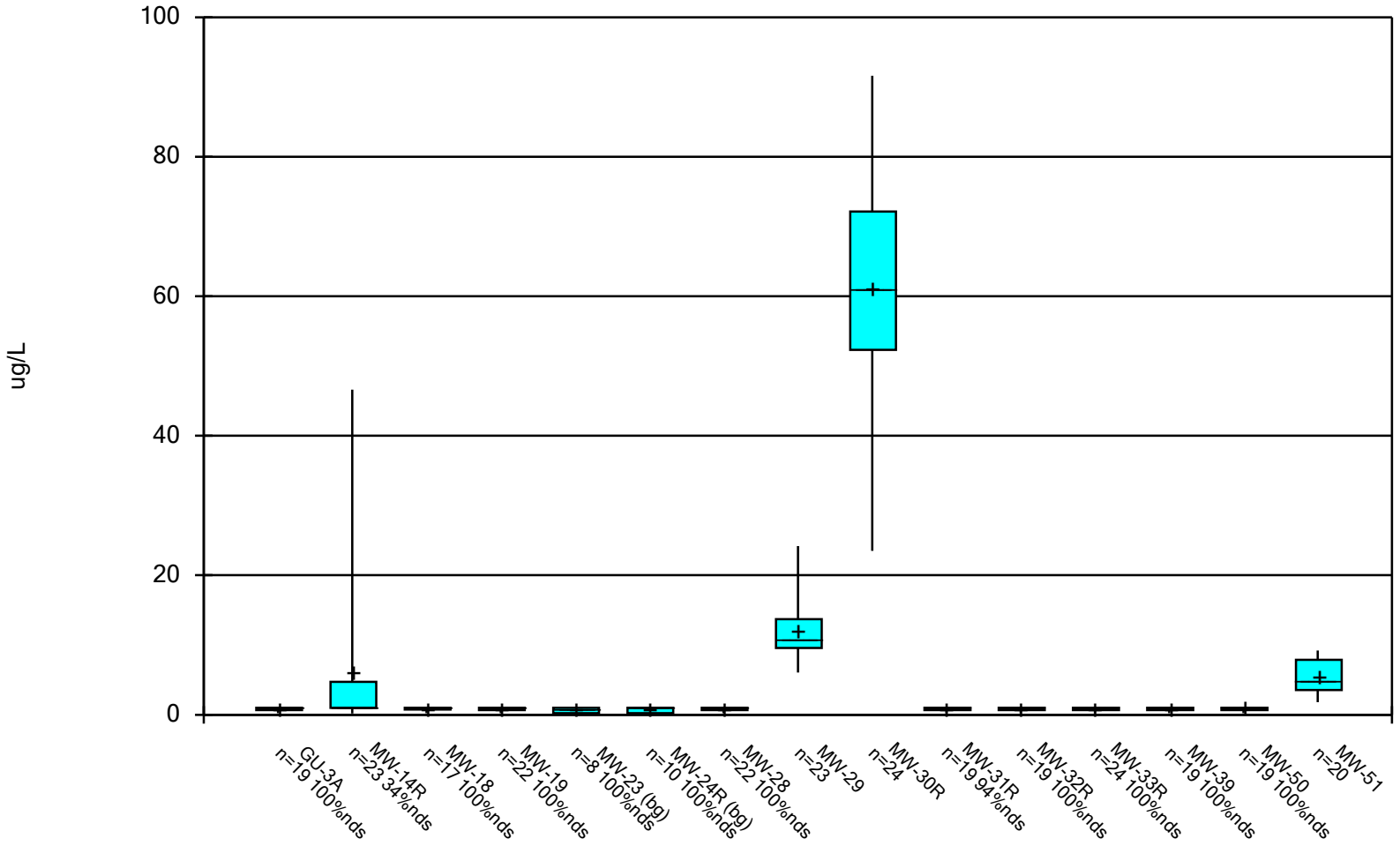


Constituent: Chromium Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

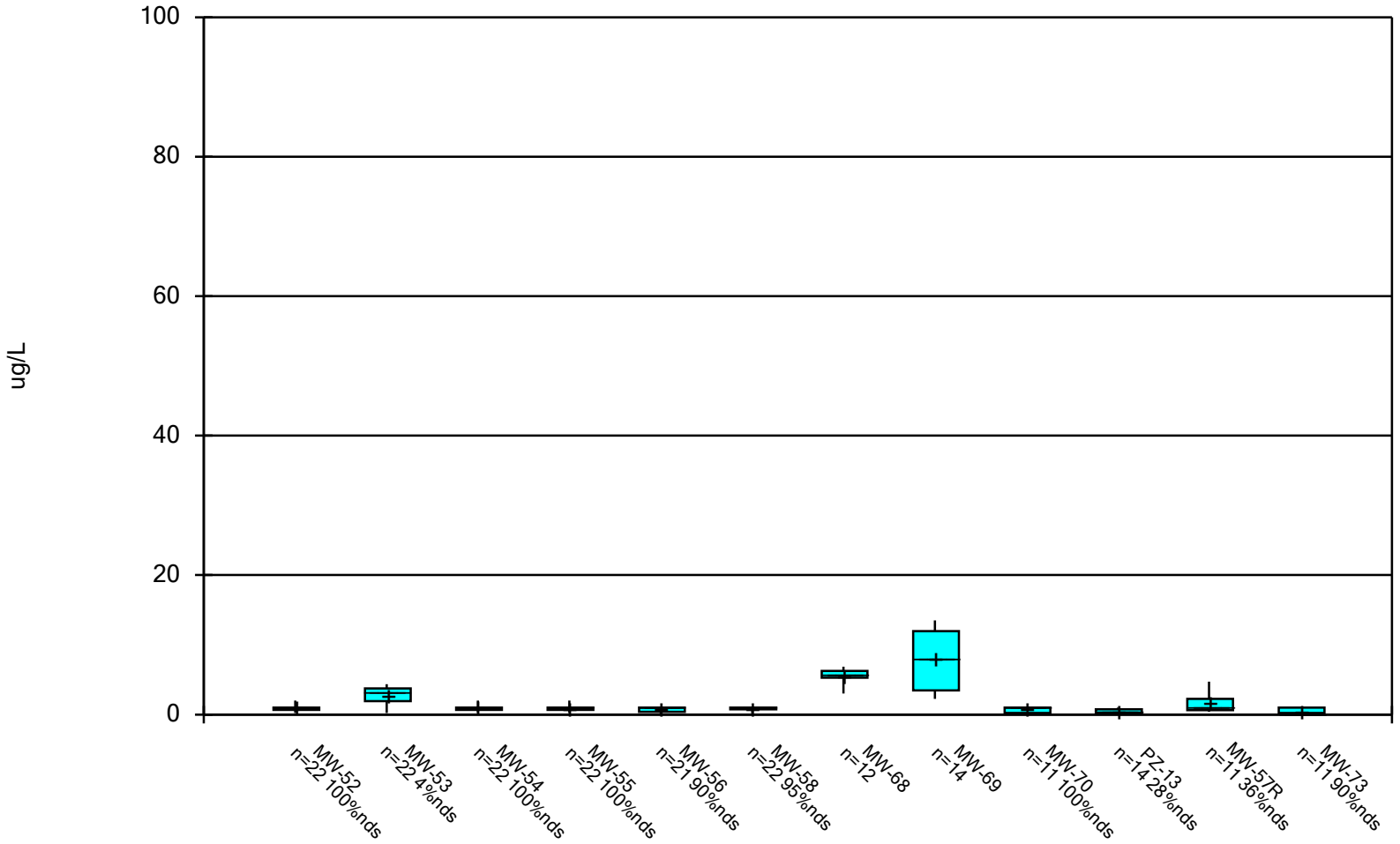


Constituent: cis-1,2-Dichloroethene Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

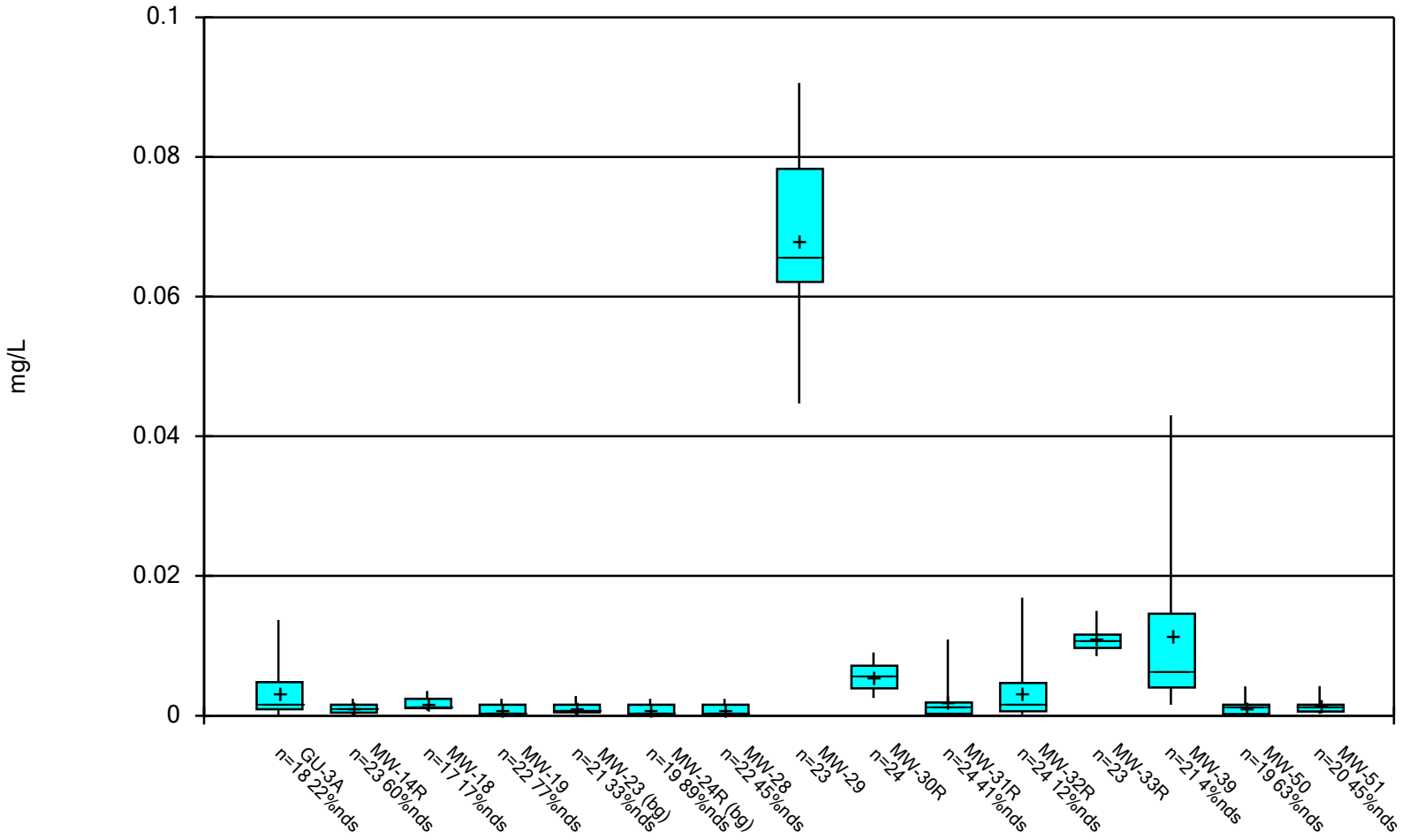


Constituent: cis-1,2-Dichloroethene Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

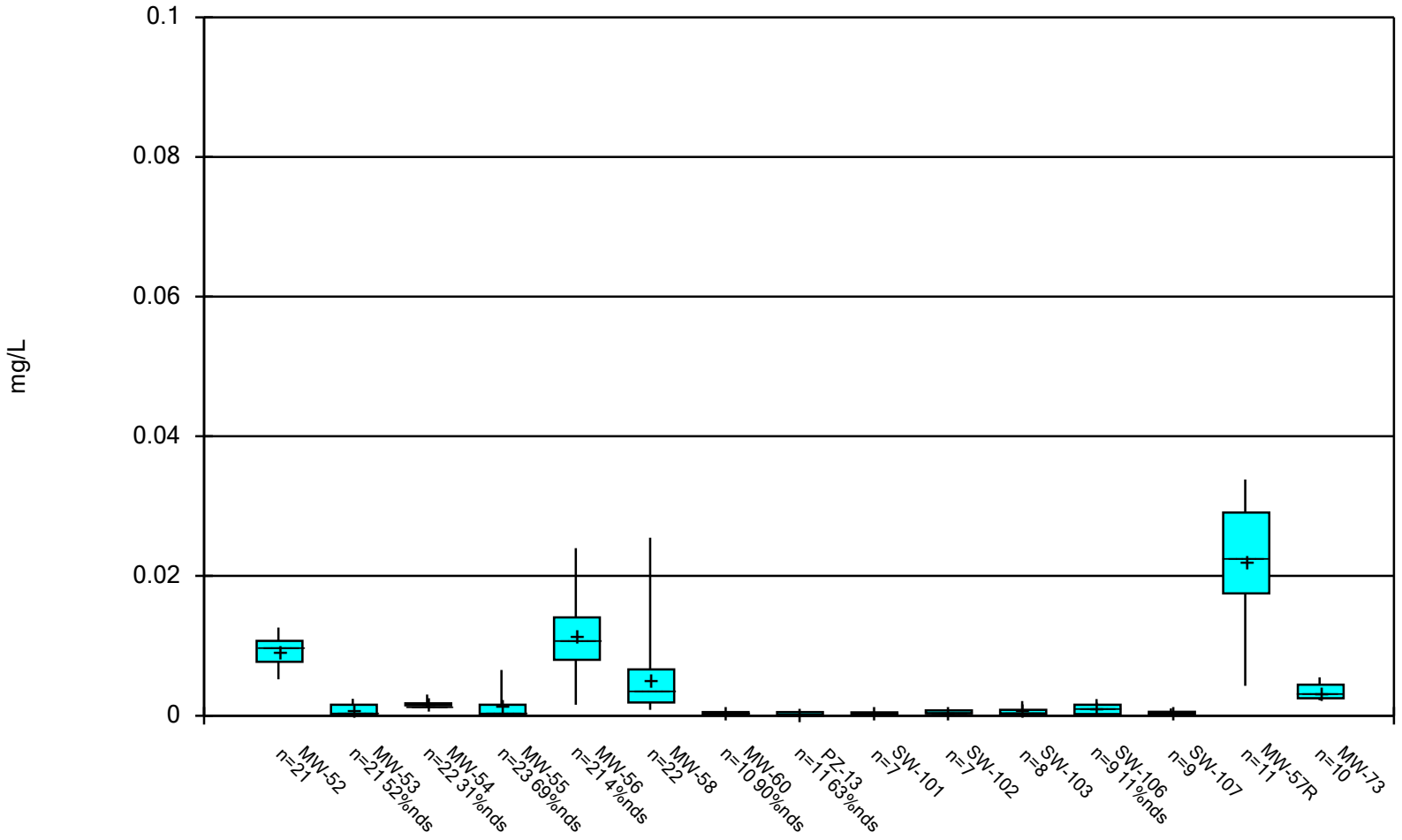


Constituent: Cobalt Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series_Box Plo

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

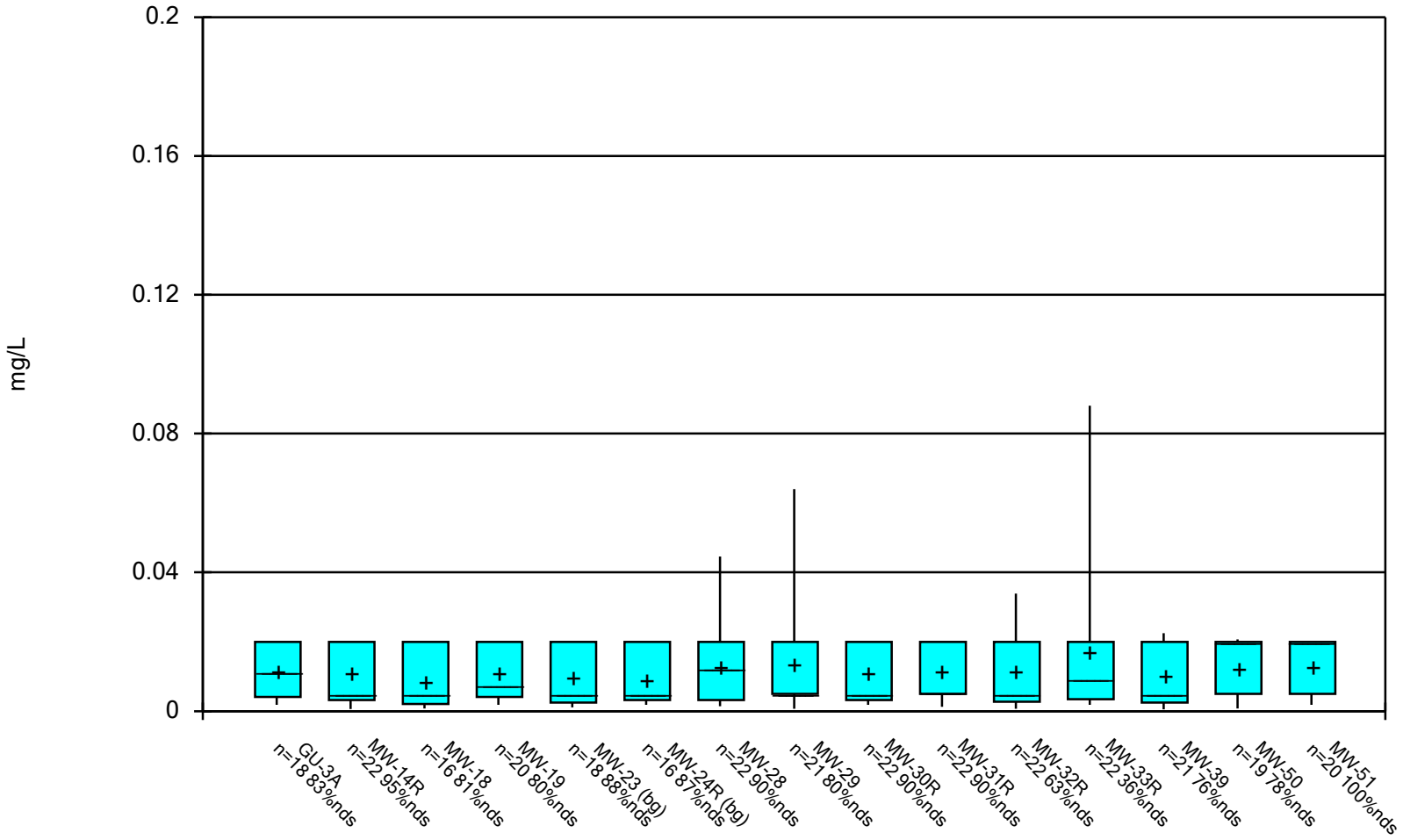


Constituent: Cobalt Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series_Box Plo

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

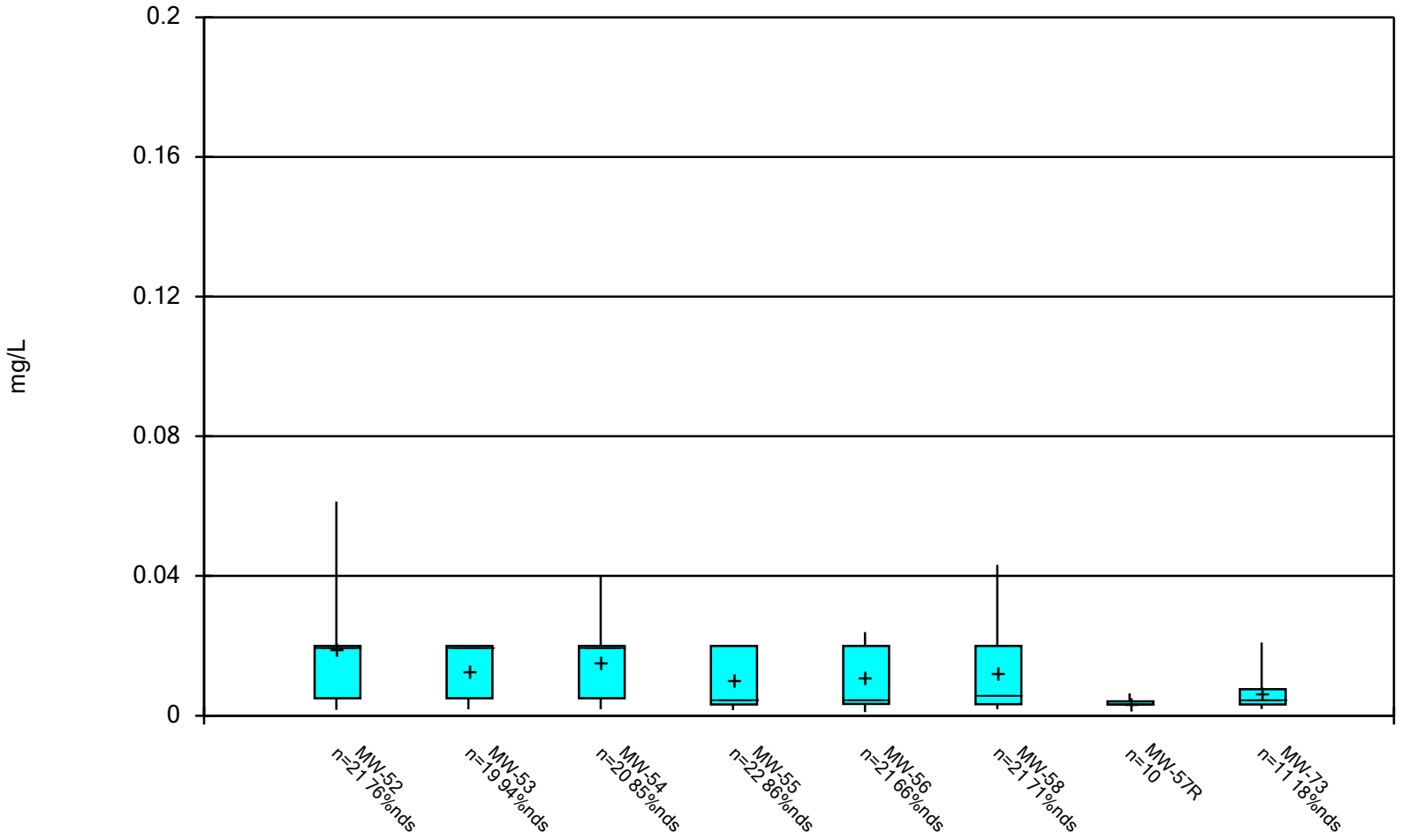


Constituent: Copper Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series_Box Pl

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

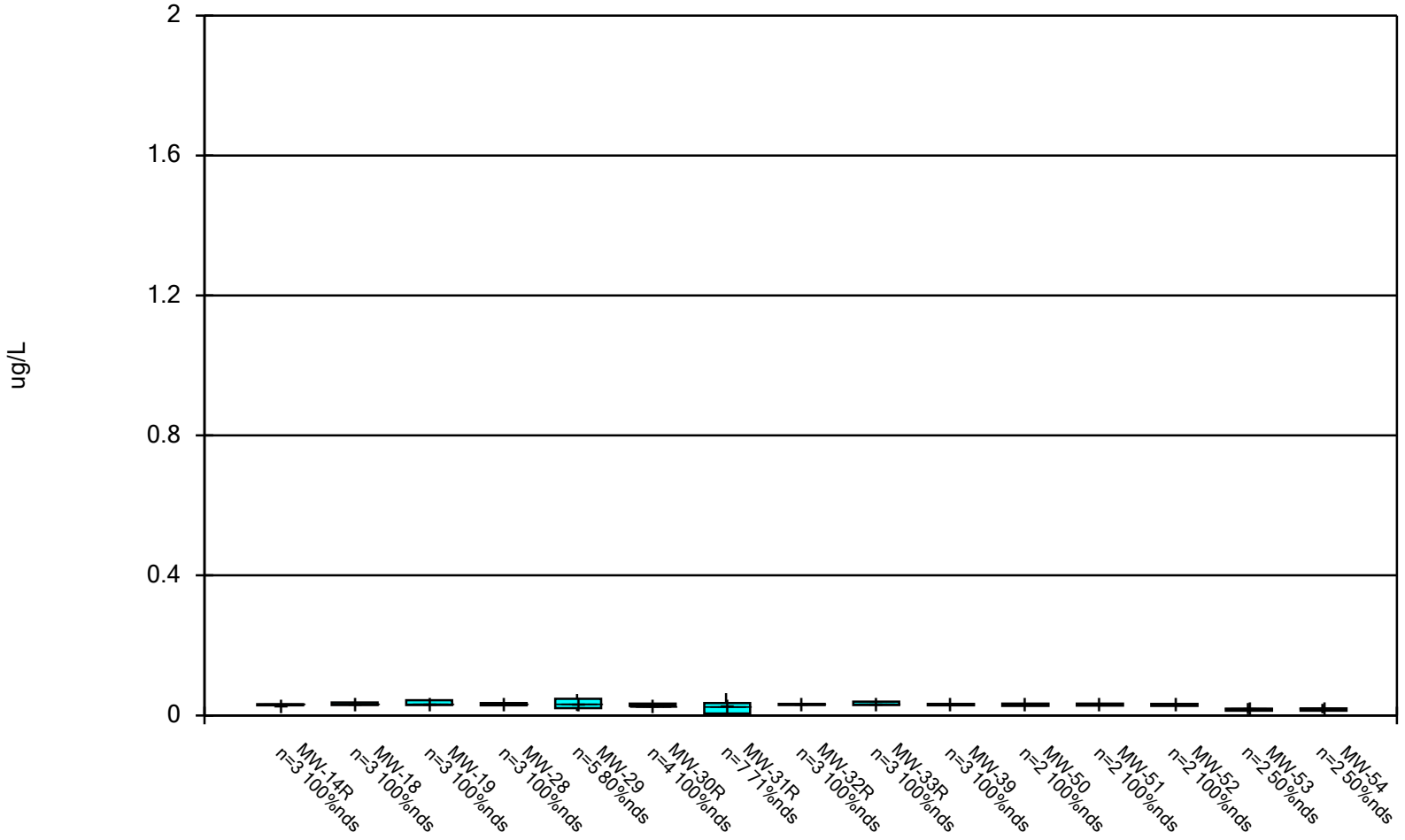


Constituent: Copper Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series_Box Pl

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

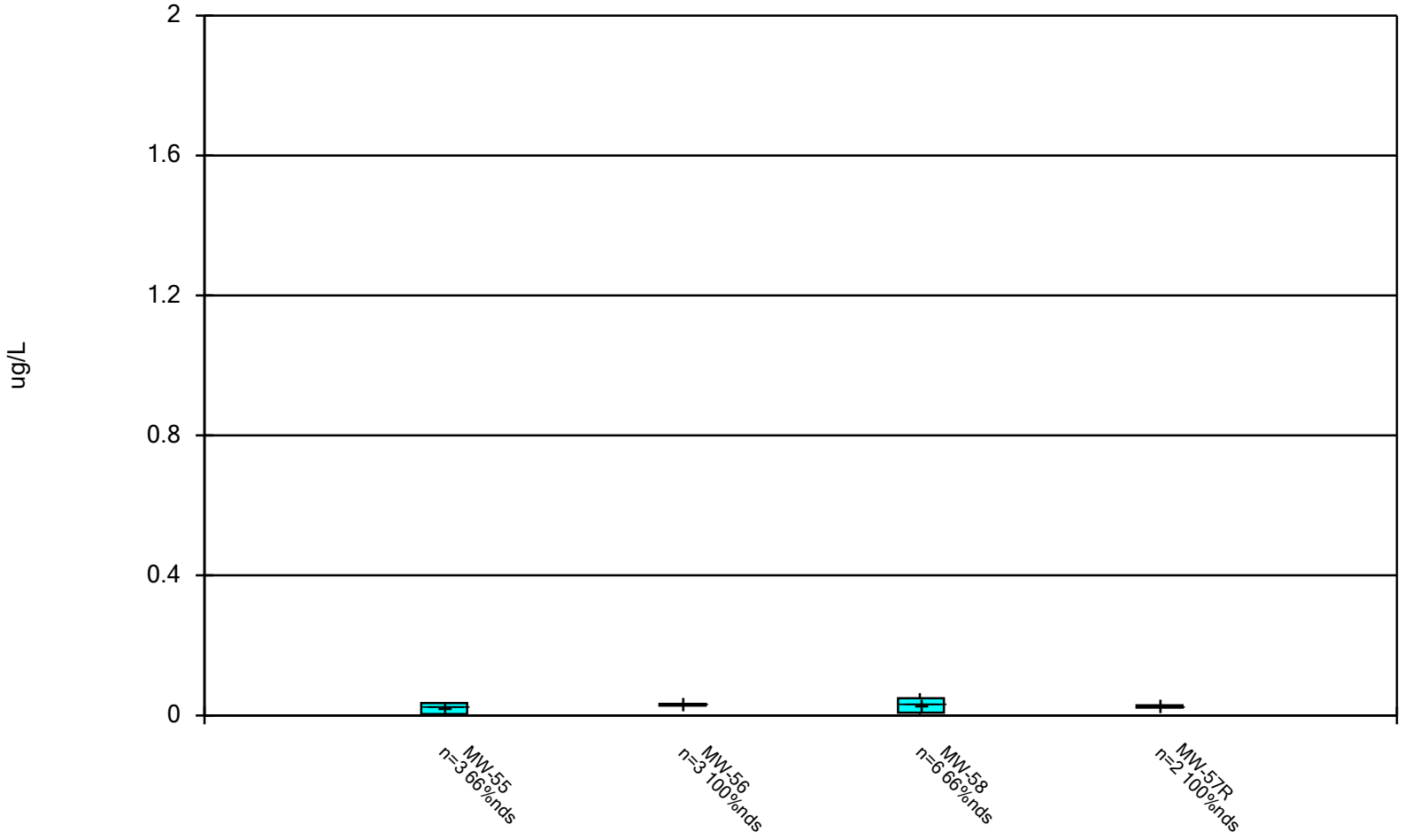


Constituent: Delta-BHC Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series_Bo

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

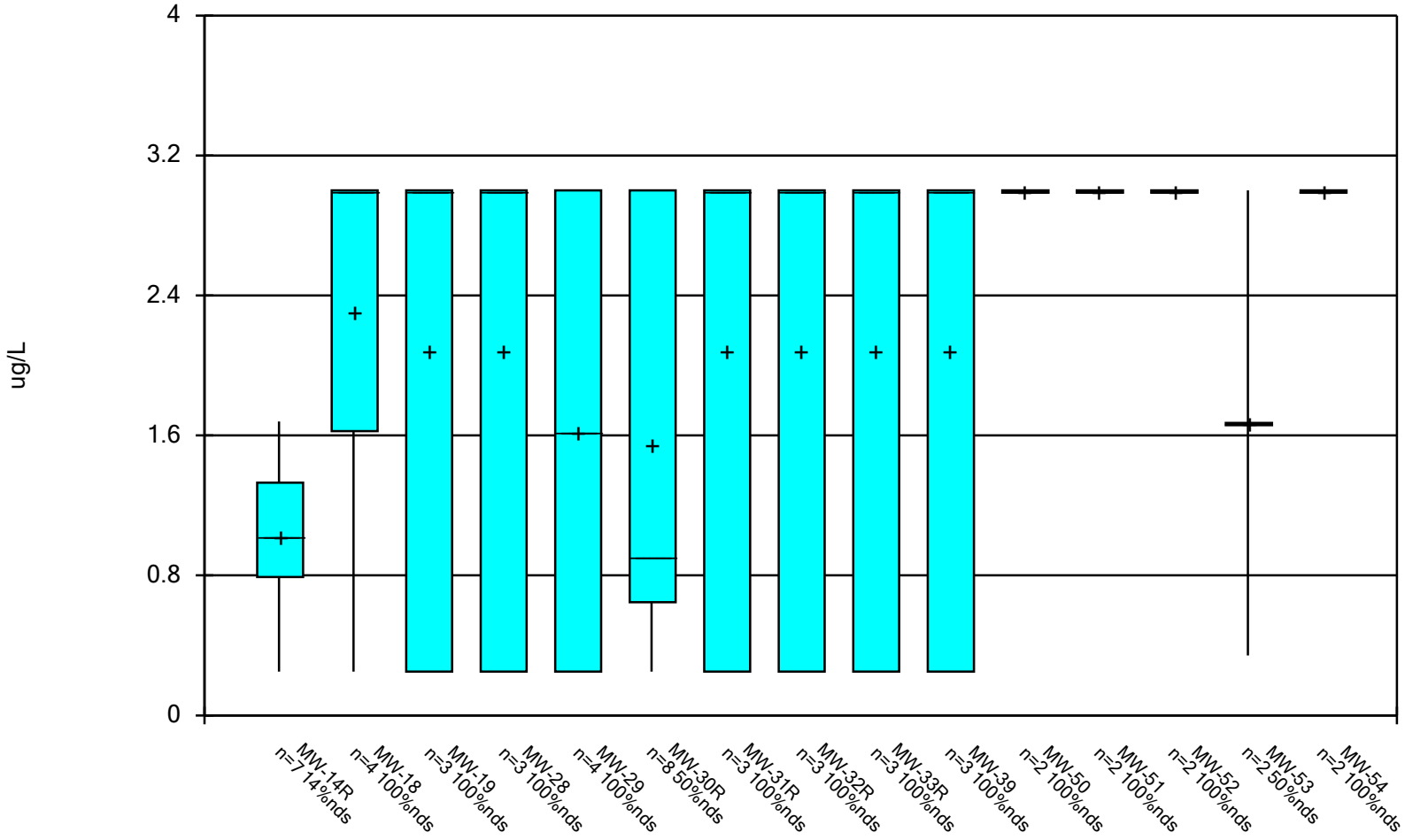


Constituent: Delta-BHC Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series_Bo

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

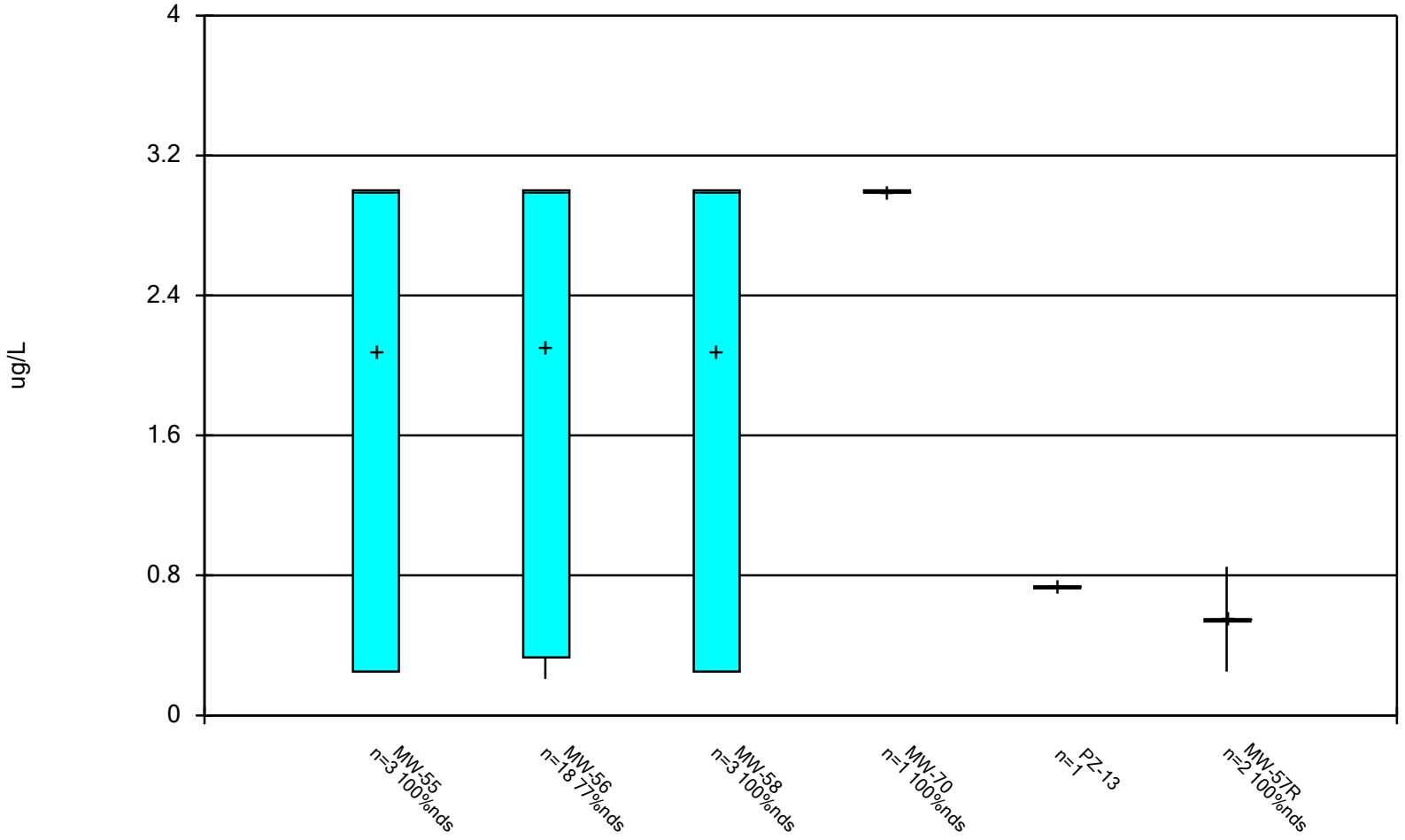


Constituent: Dichlorodifluoromethane Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Ti

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

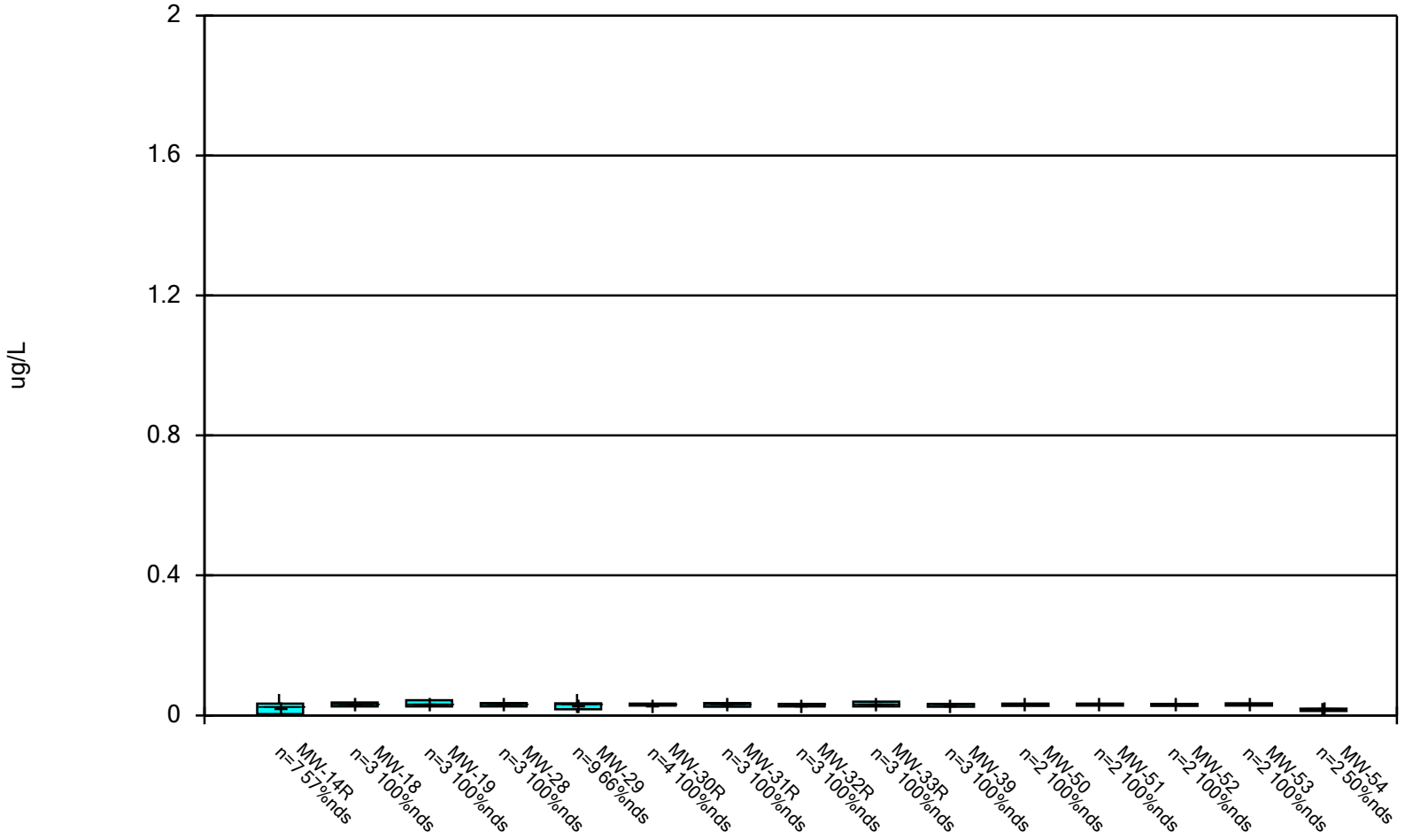


Constituent: Dichlorodifluoromethane Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Ti

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

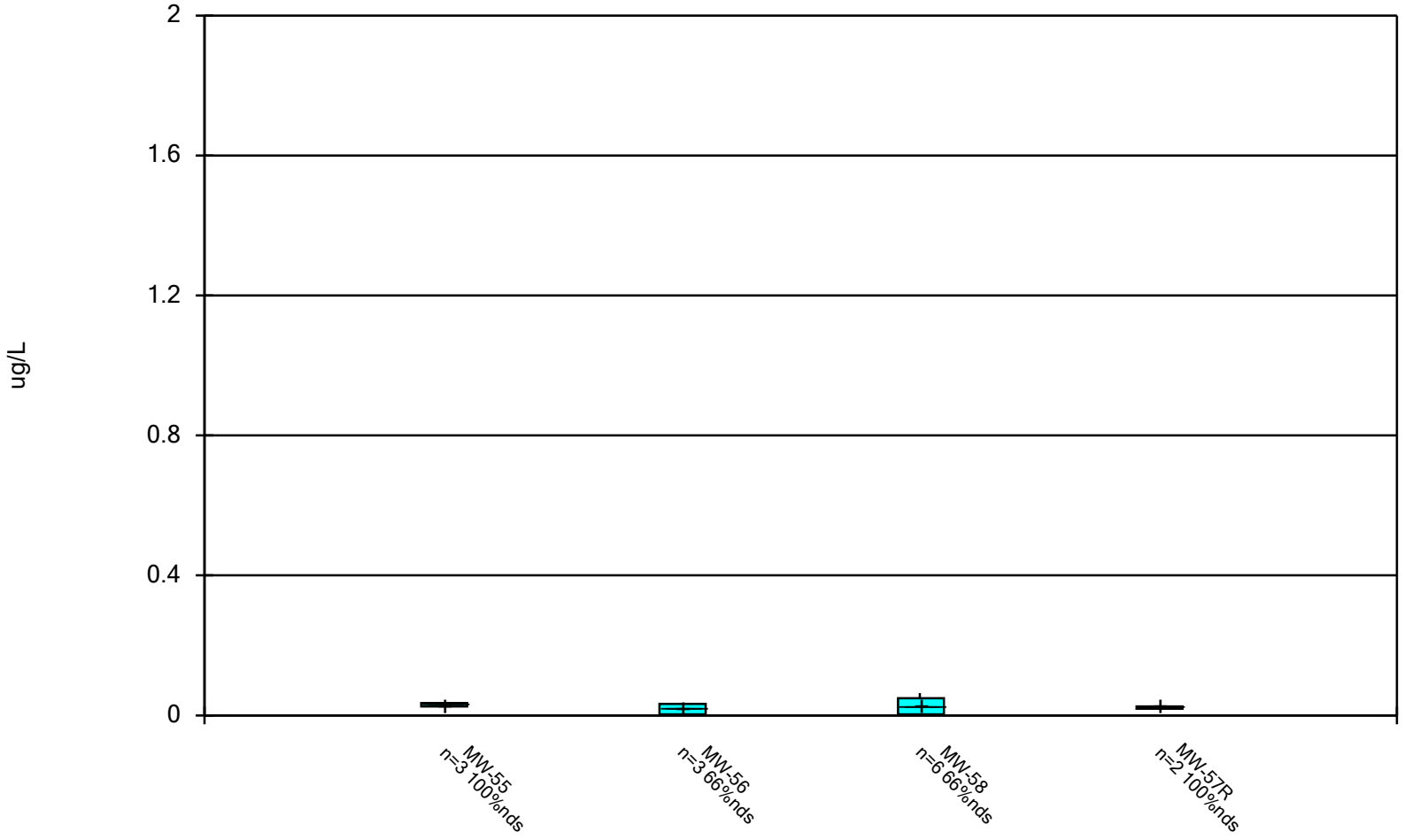


Constituent: Endosulfan I Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series_B

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

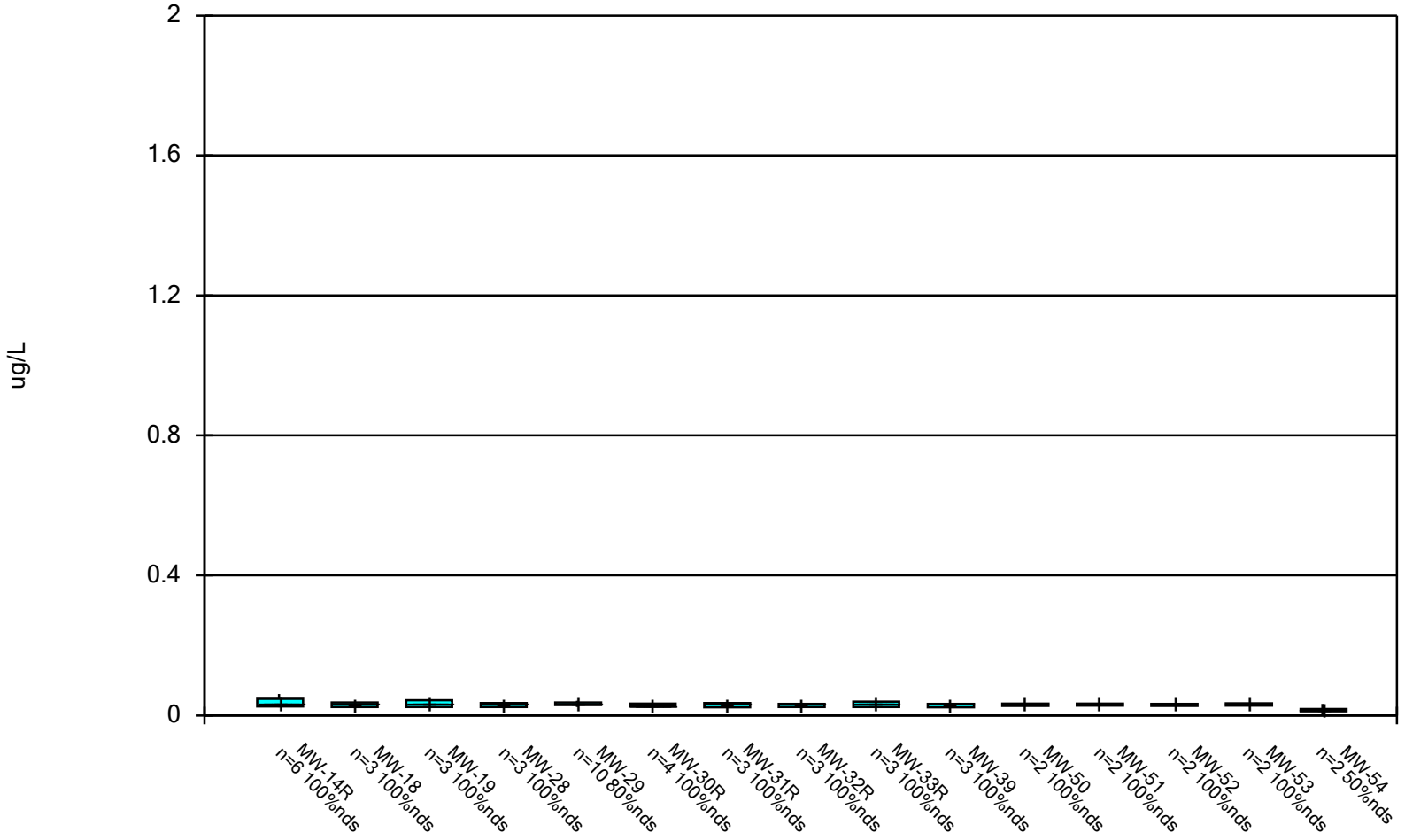


Constituent: Endosulfan I Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series_B

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

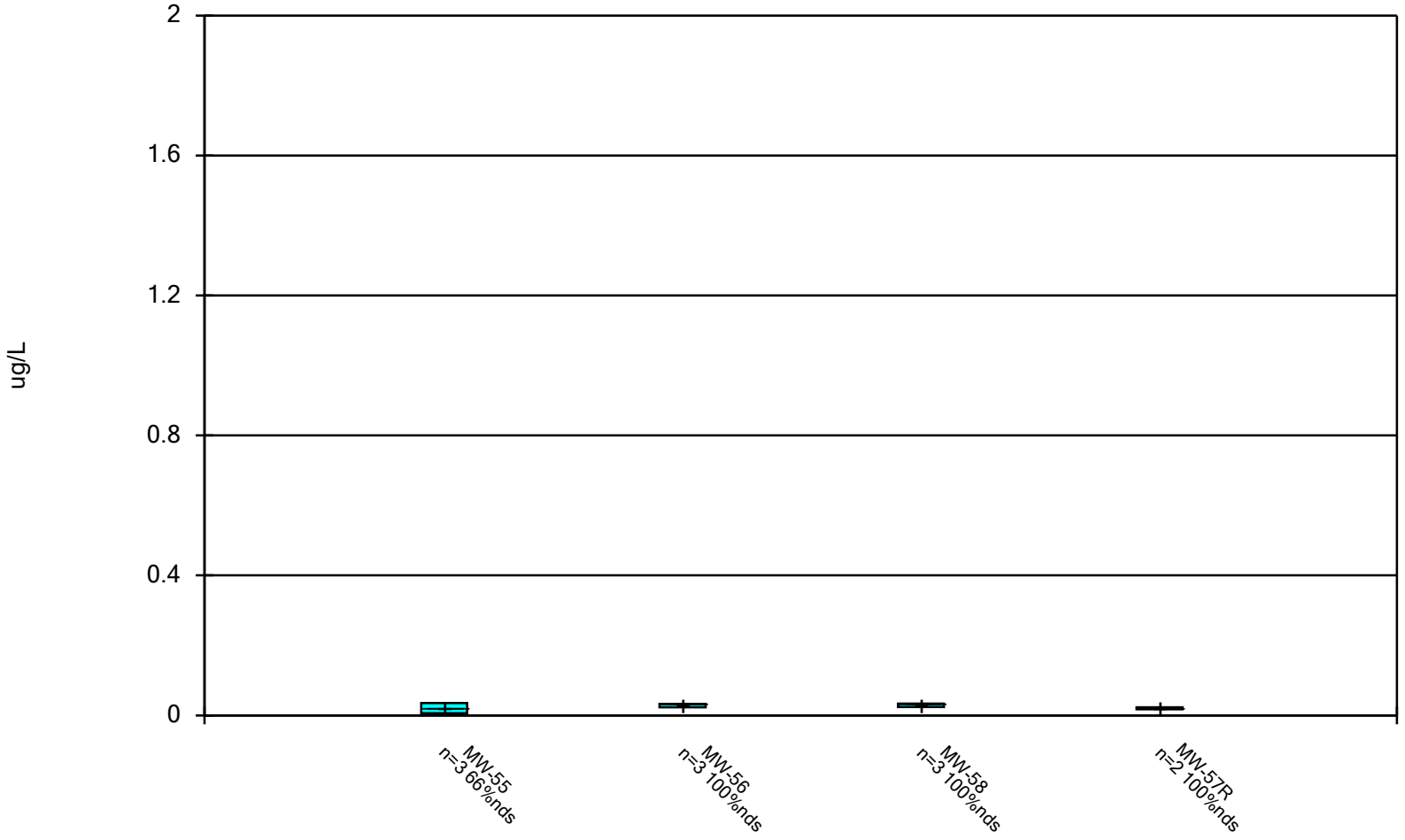


Constituent: Endosulfan II Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series_

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

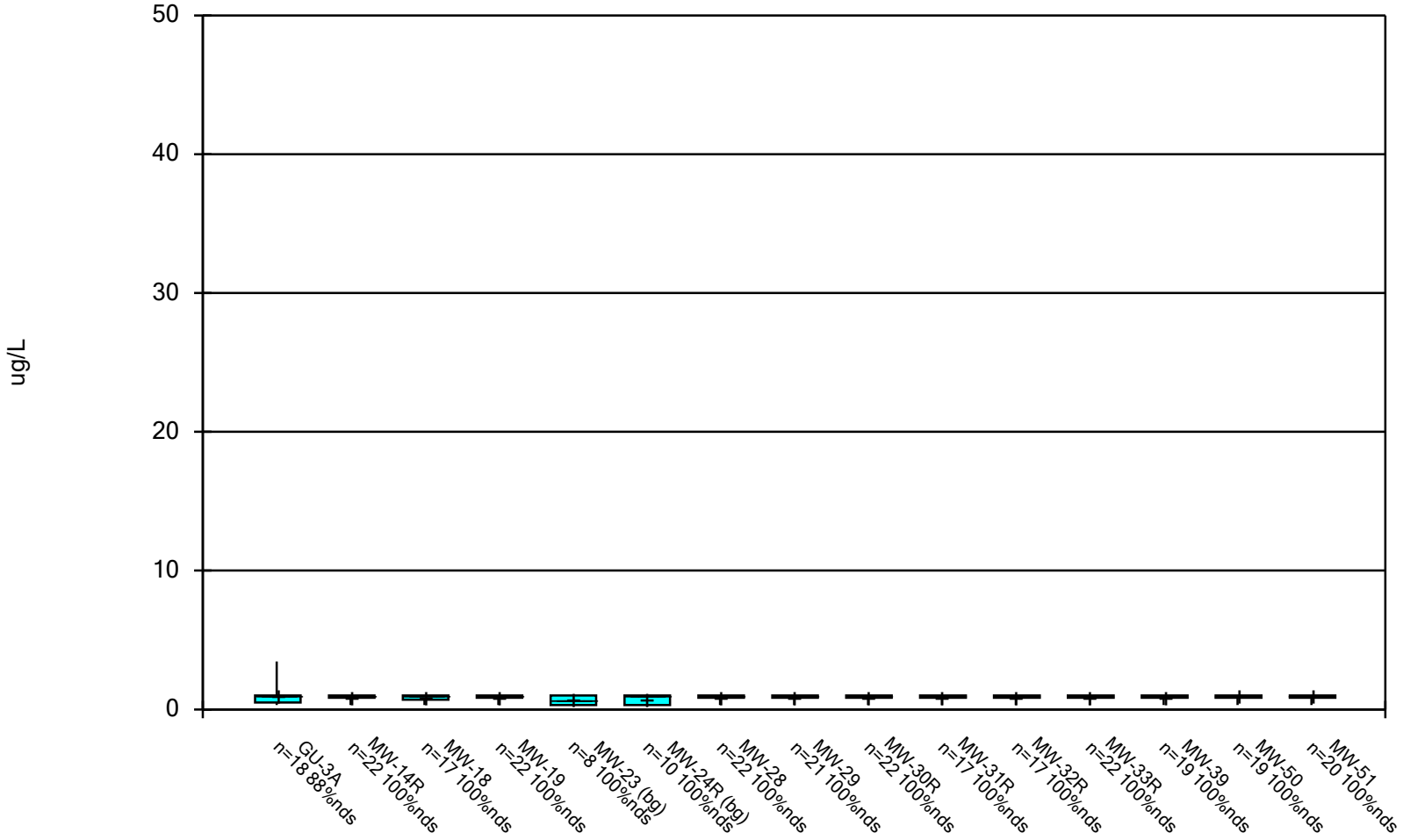


Constituent: Endosulfan II Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series_

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

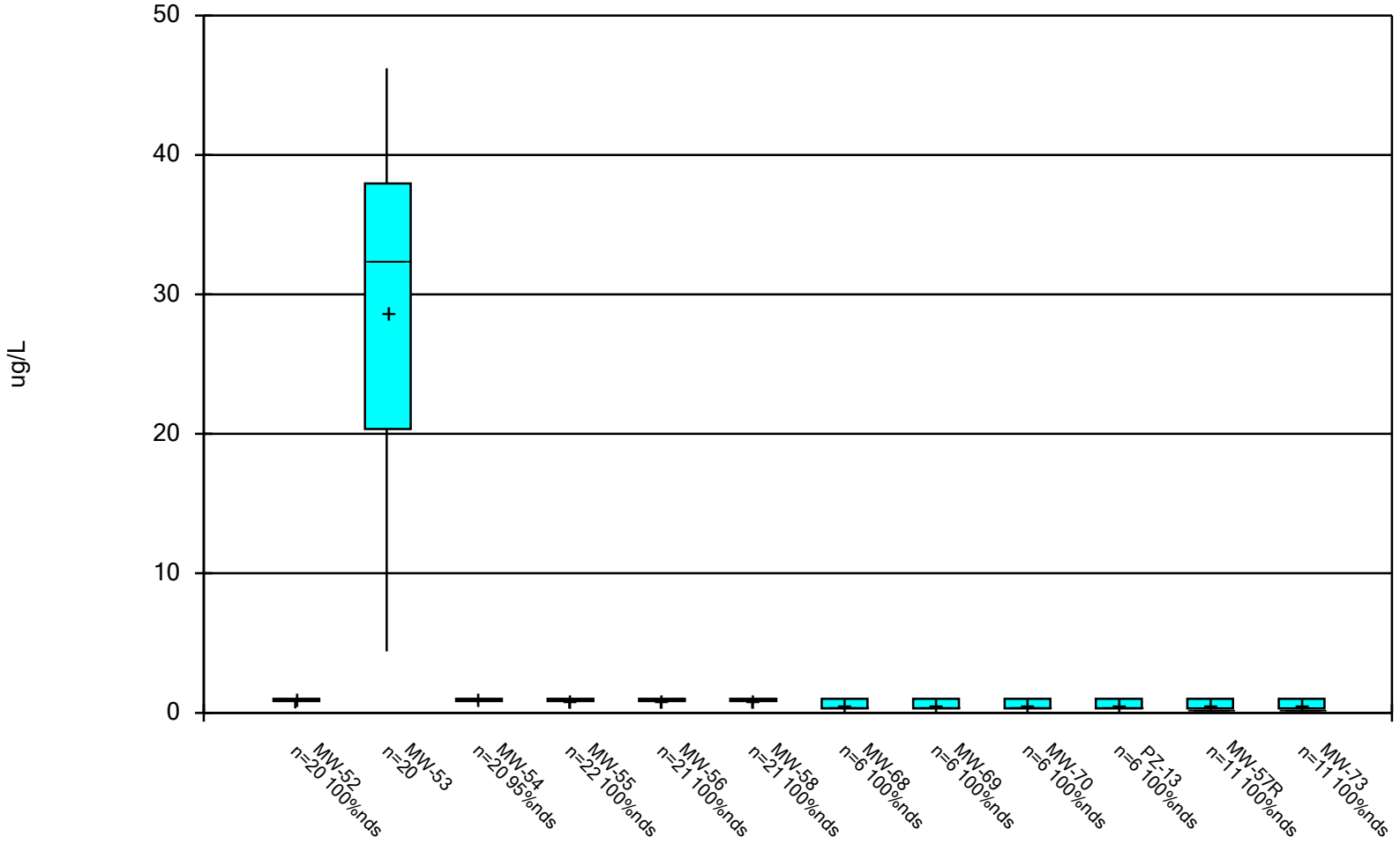


Constituent: Ethylbenzene Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series_

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

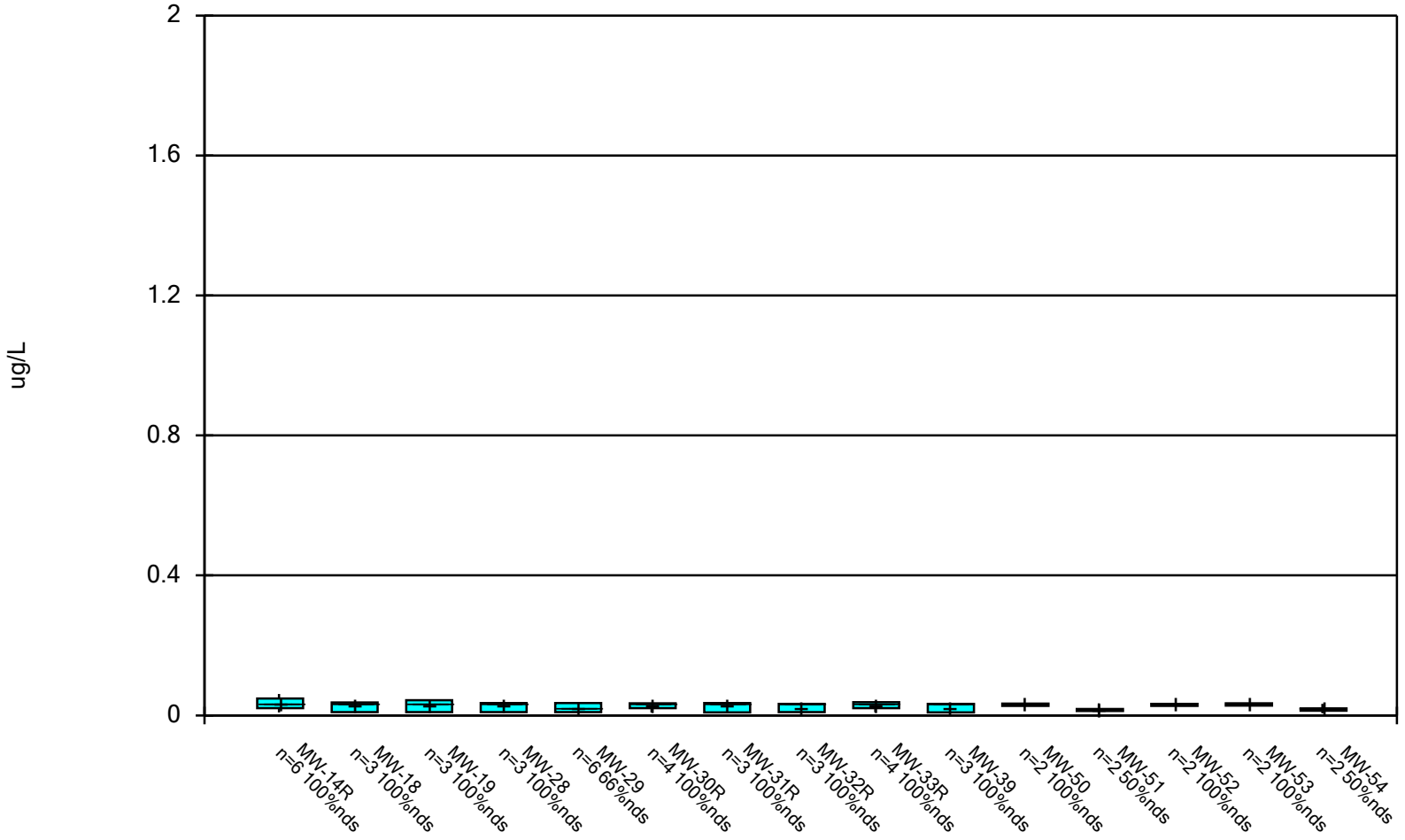


Constituent: Ethylbenzene Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series_

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

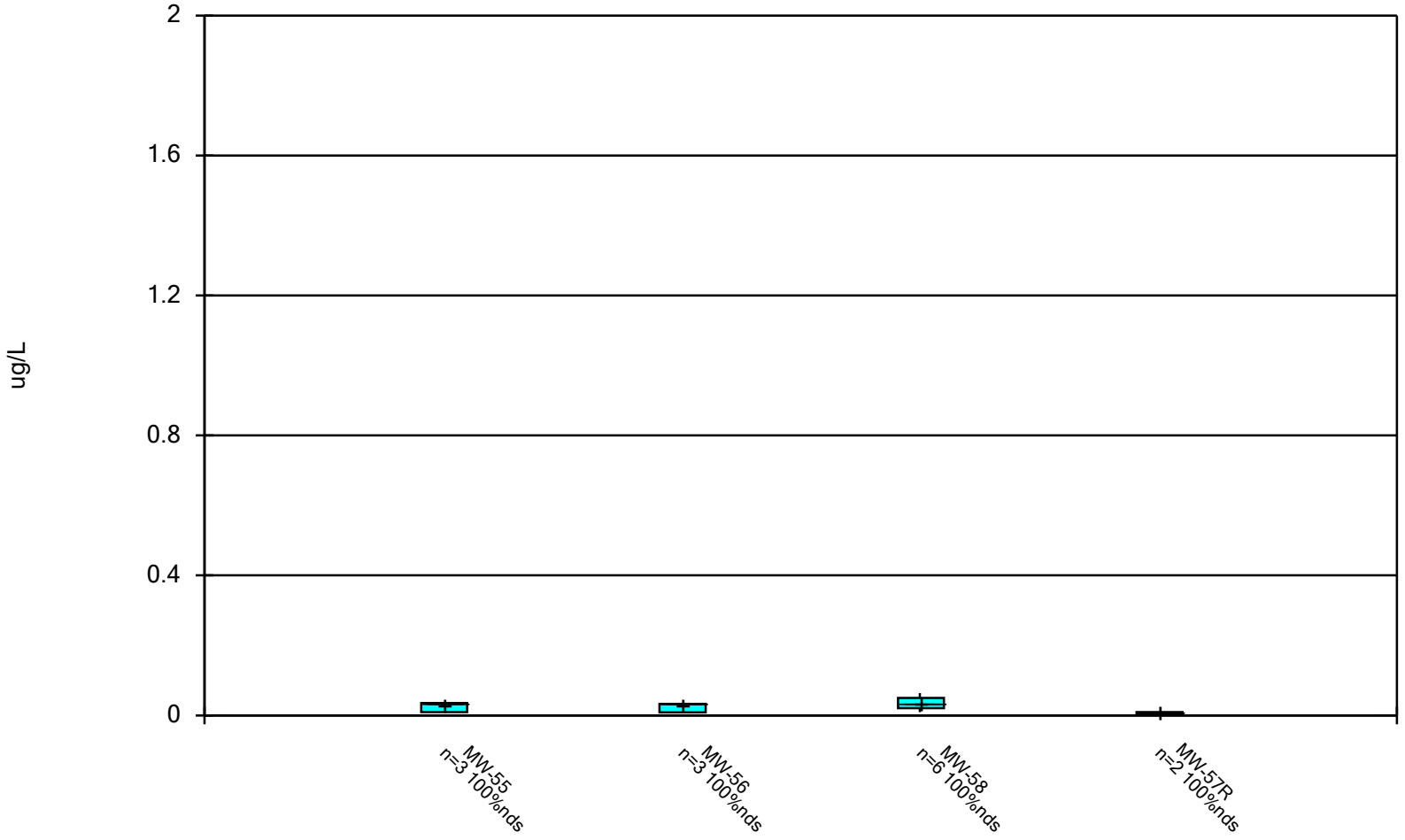


Constituent: Gamma-BHC [Lindane] Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Tim

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

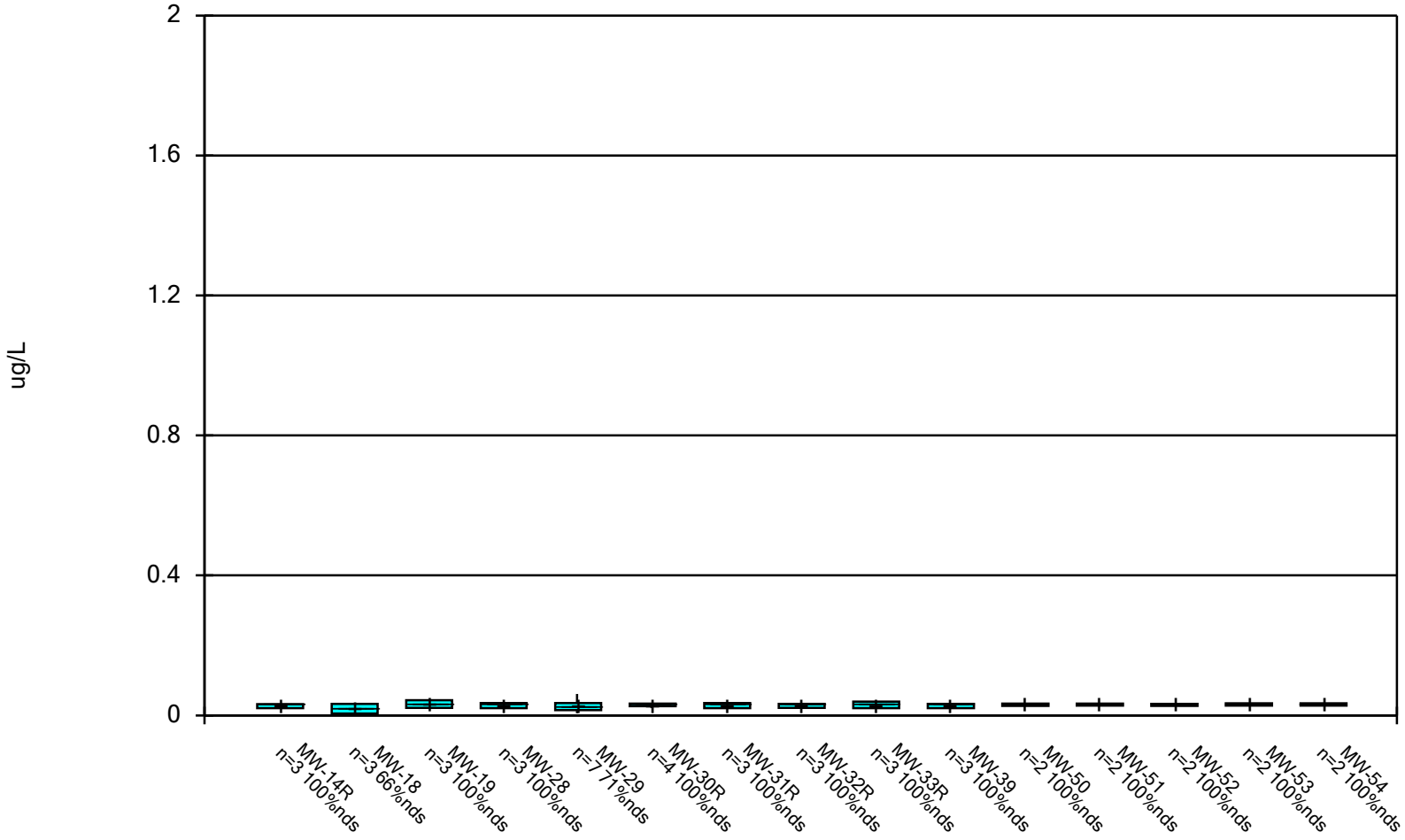


Constituent: Gamma-BHC [Lindane] Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Tim

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

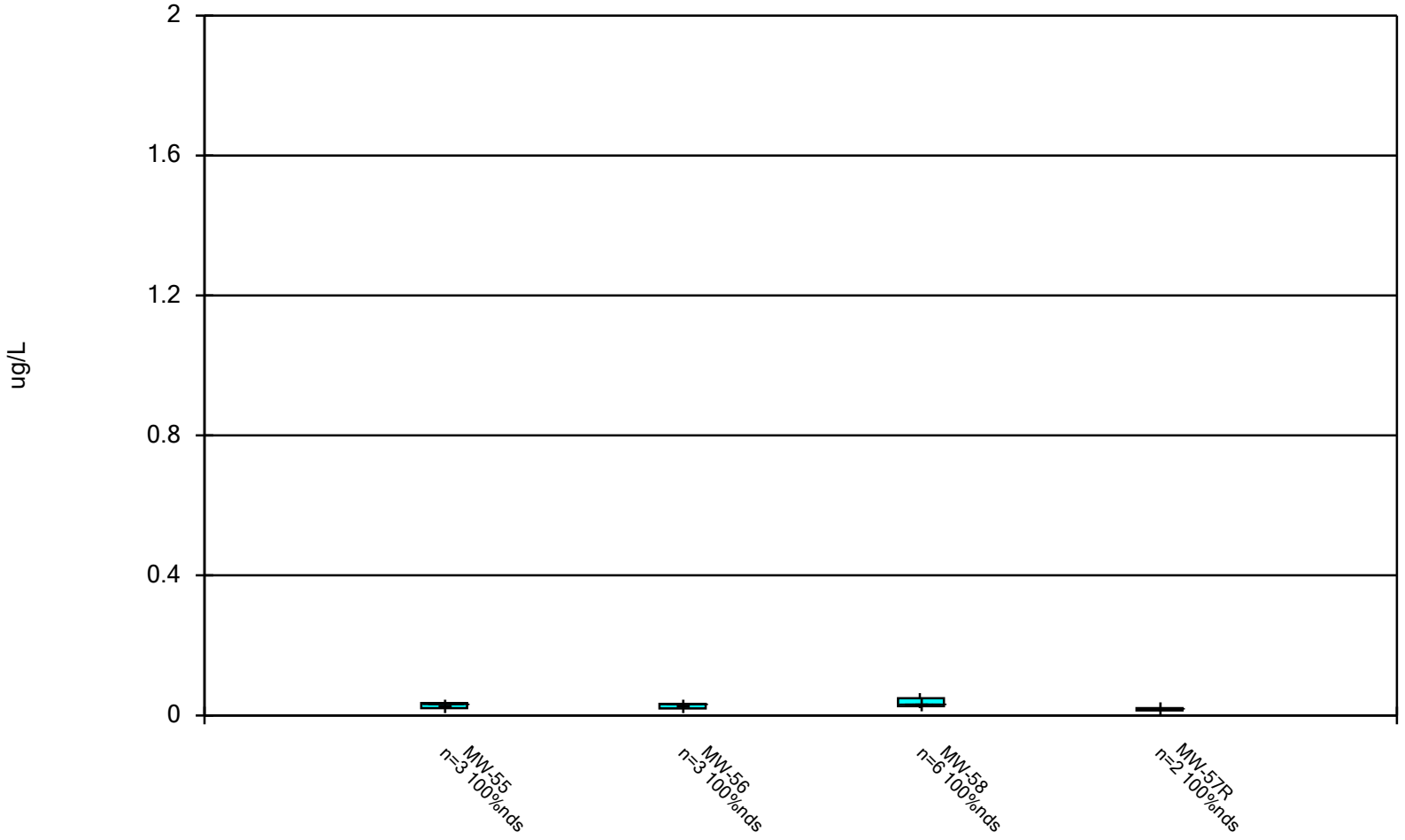


Constituent: Heptachlor Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series_Bo

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

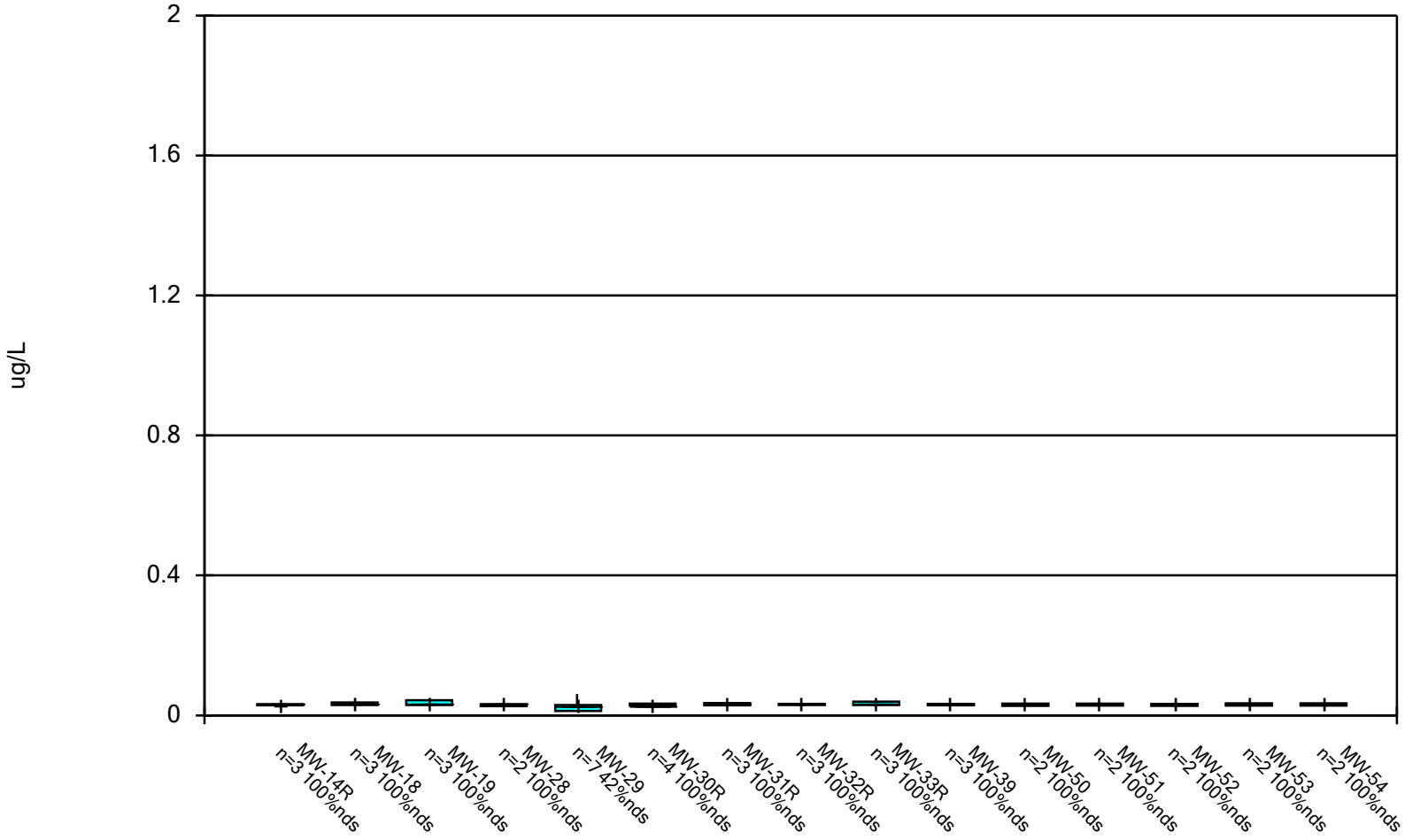


Constituent: Heptachlor Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series_Bo

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

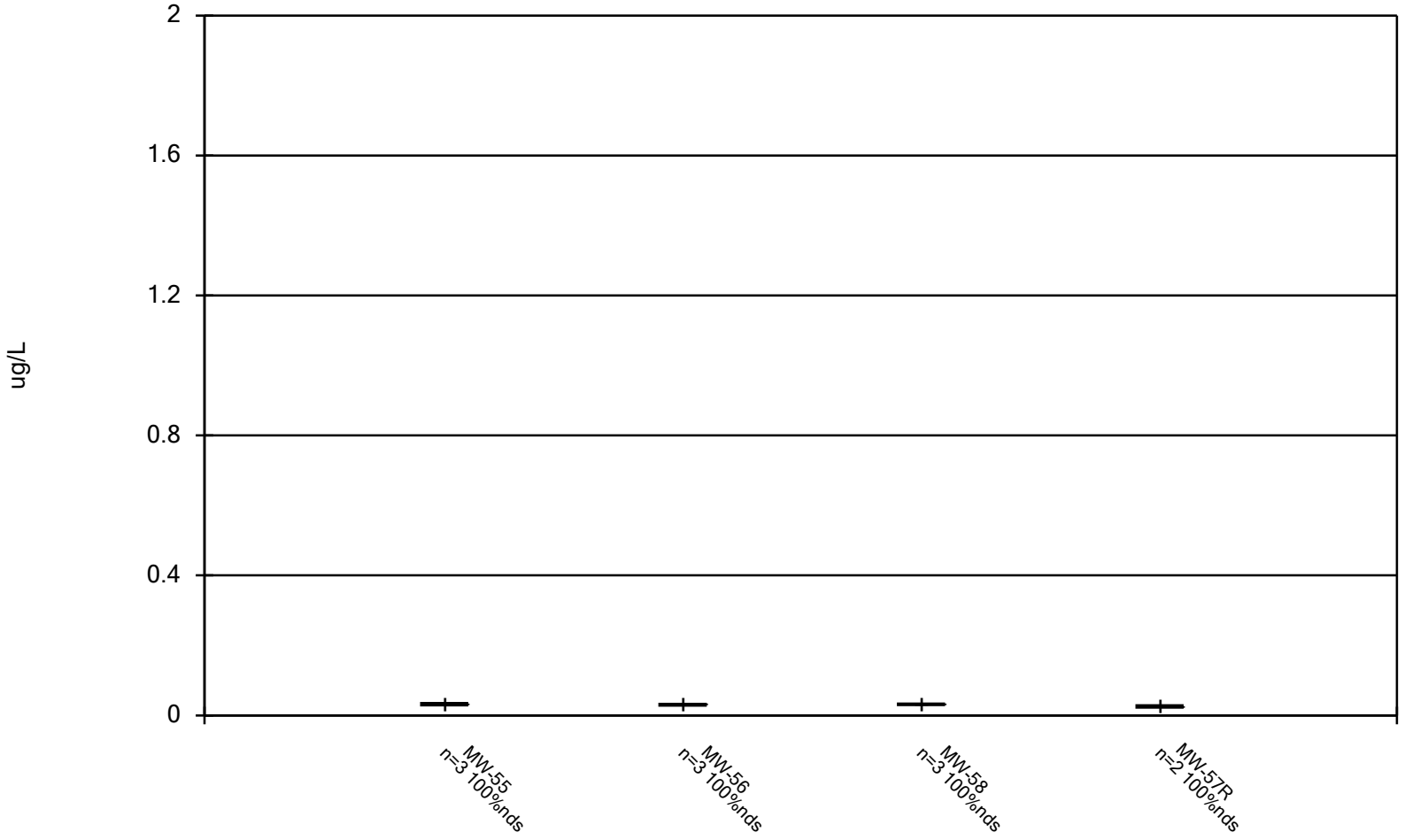


Constituent: Heptachlor Epoxide Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time S

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

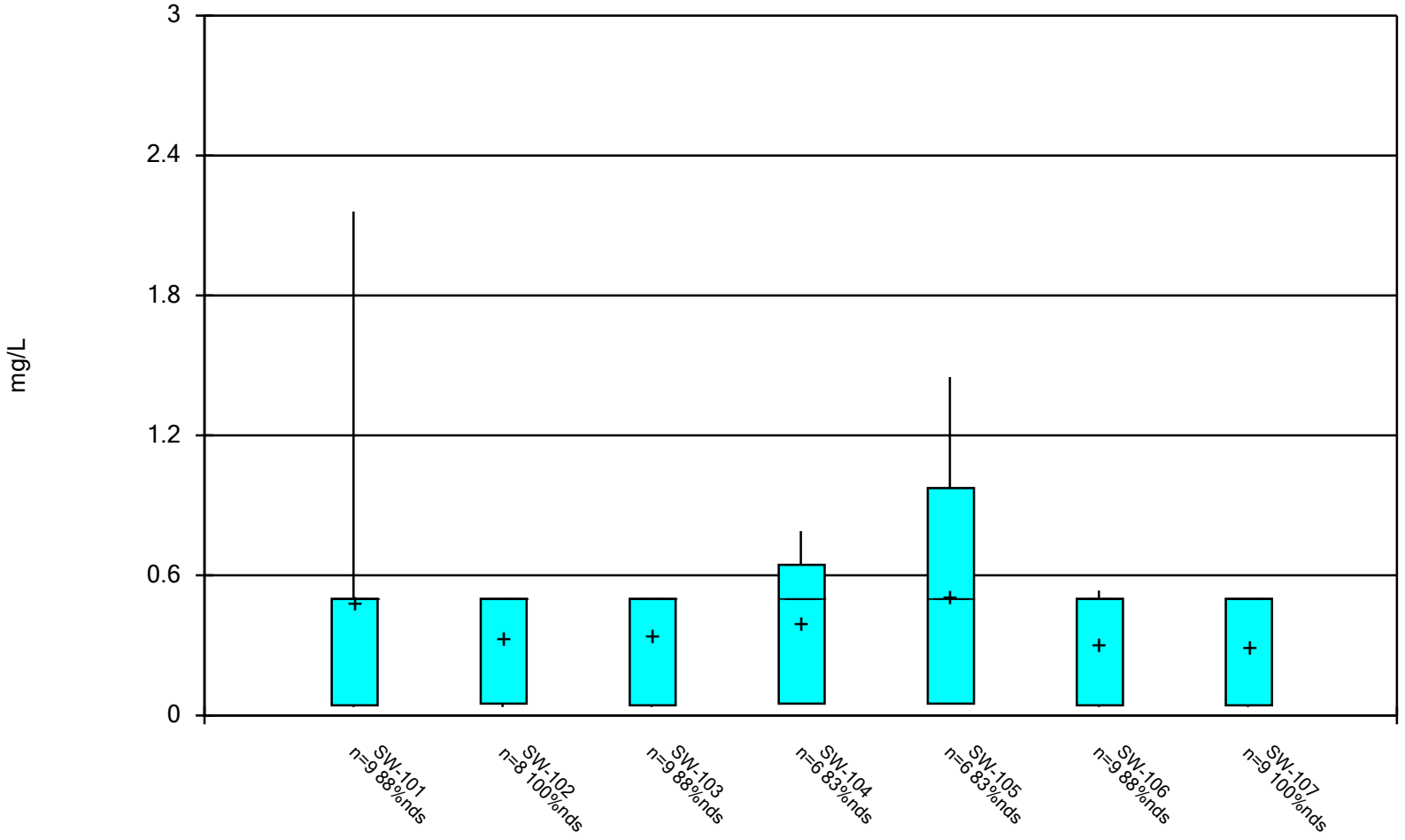


Constituent: Heptachlor Epoxide Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time S

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

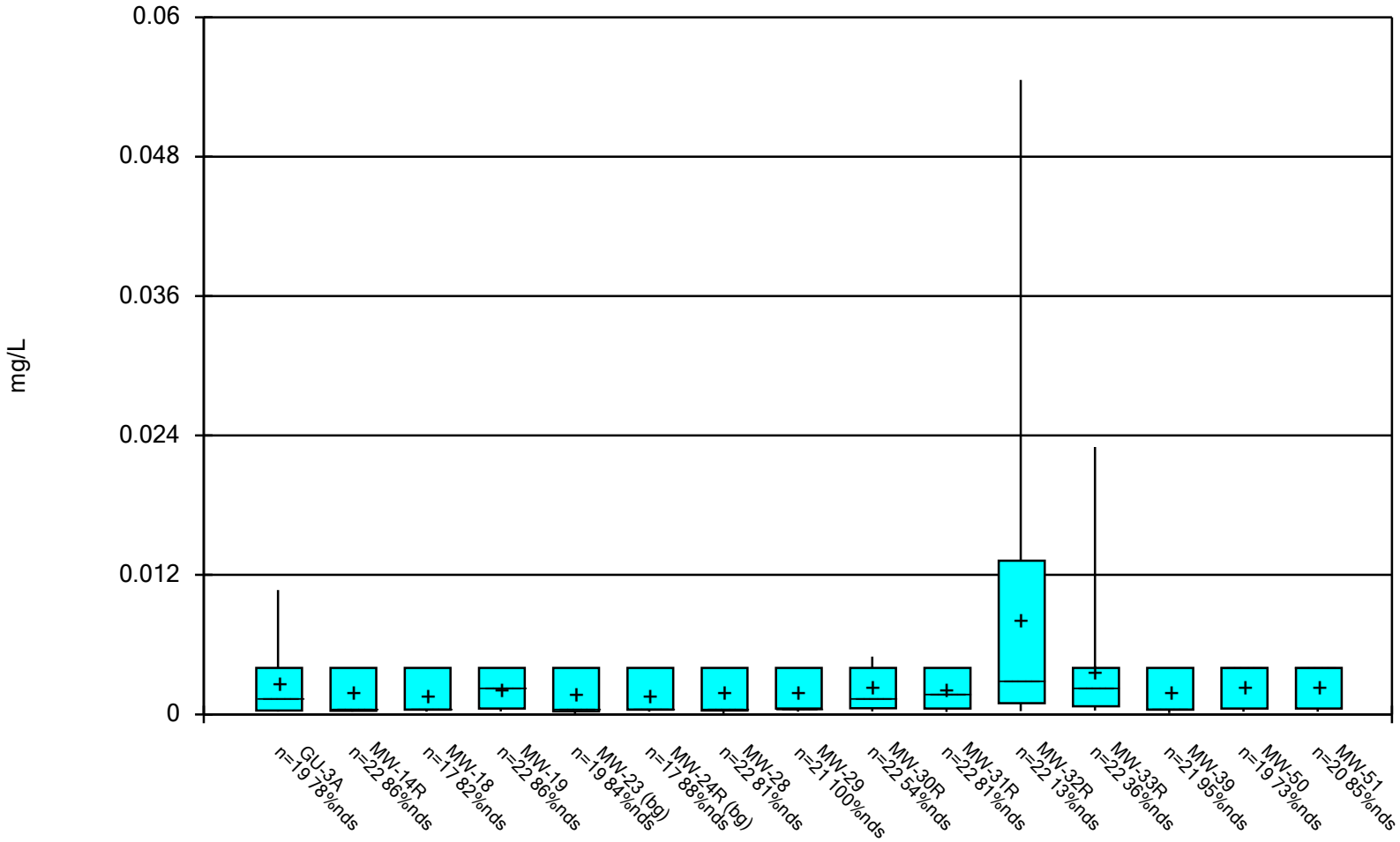


Constituent: Iron, Dissolved Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

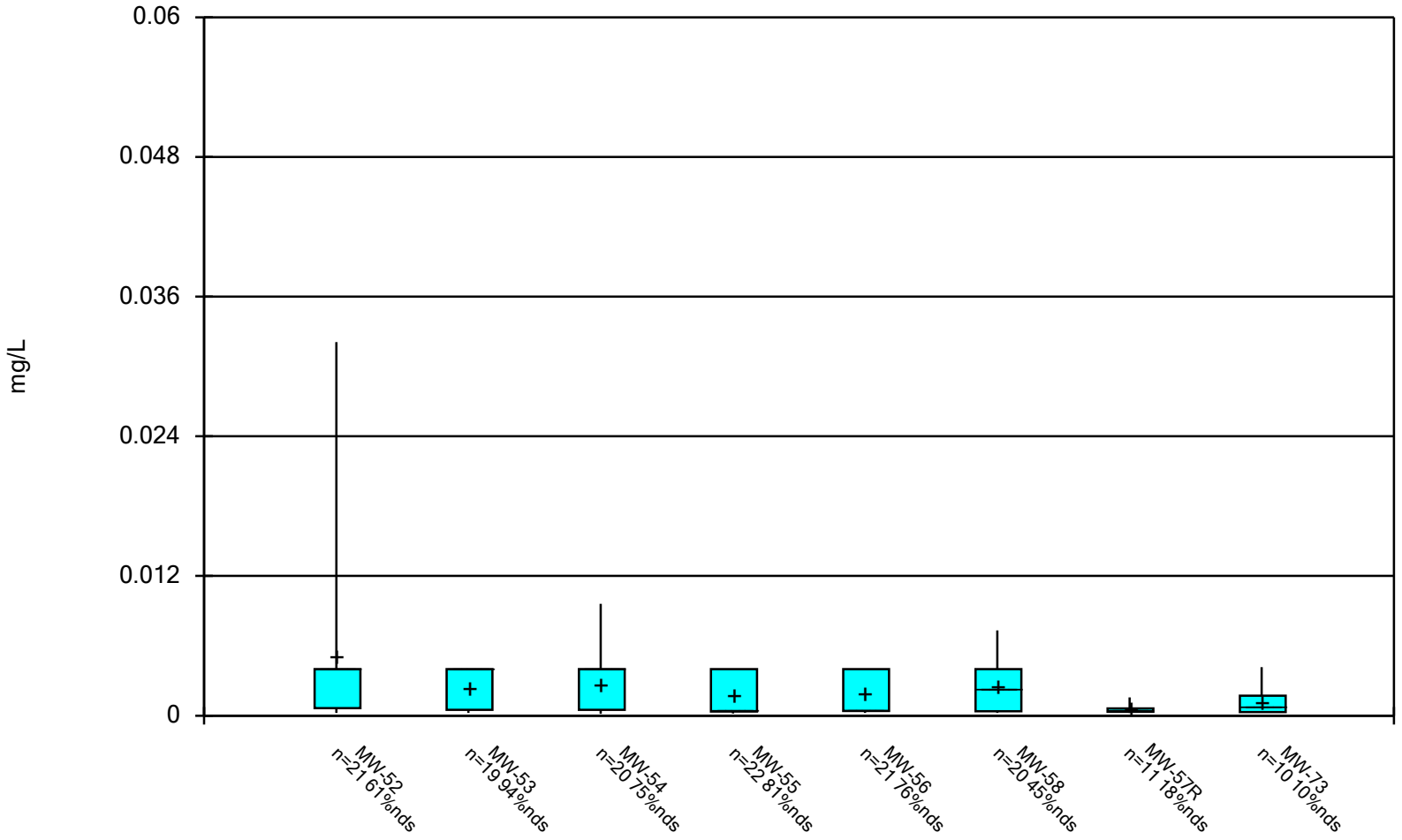


Constituent: Lead Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series_Box Plots

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

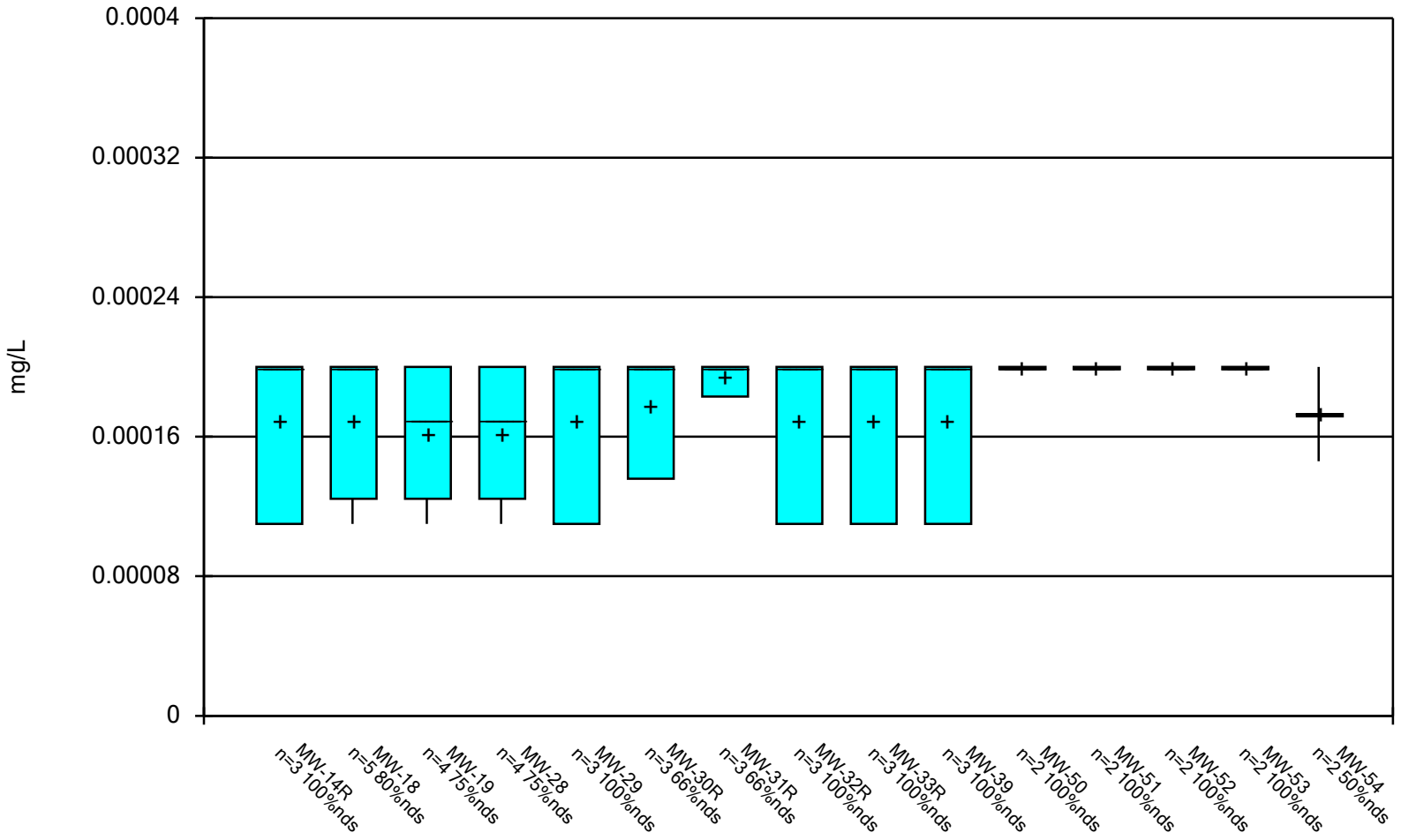


Constituent: Lead Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series_Box Plots

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

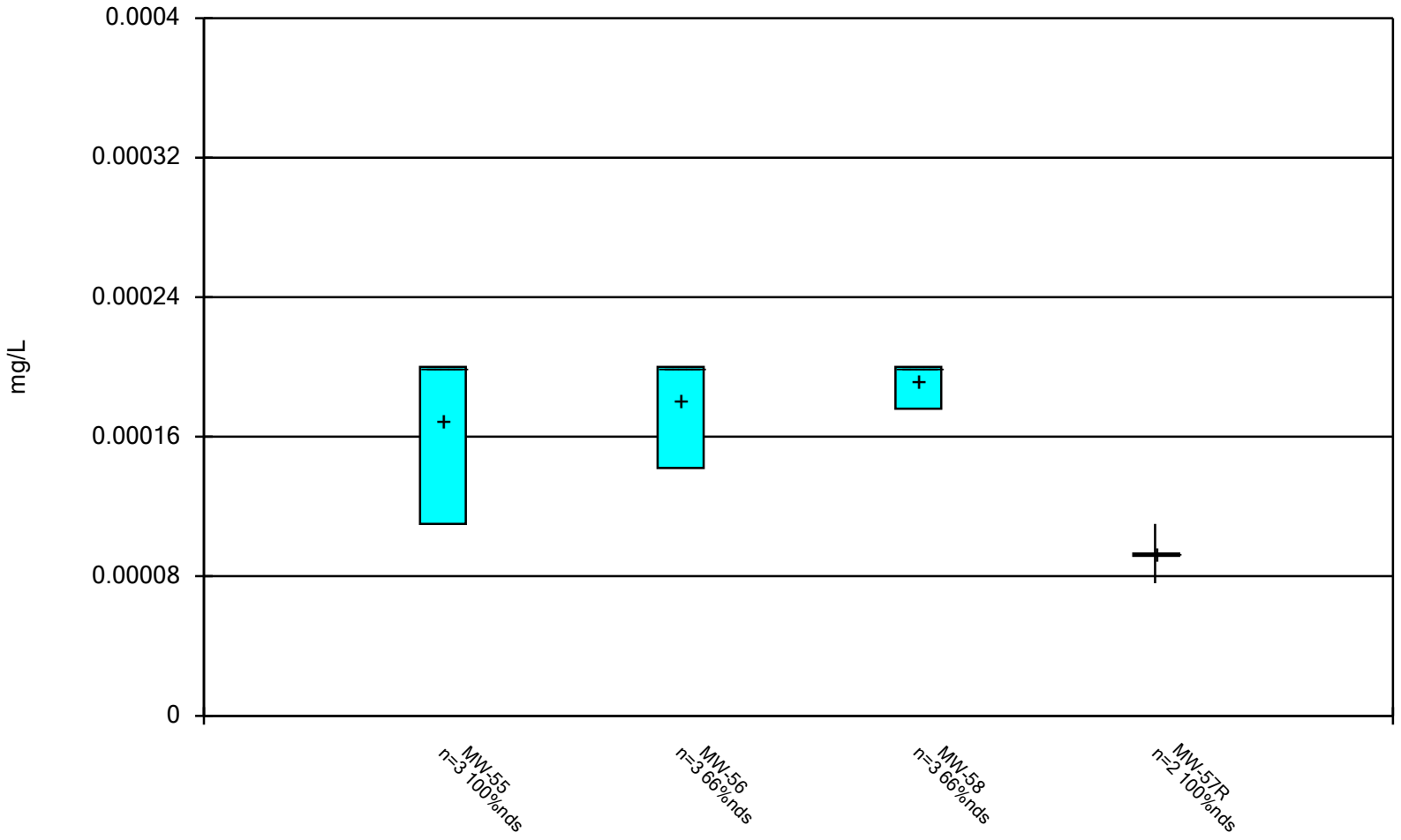


Constituent: Mercury Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series_Box P

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

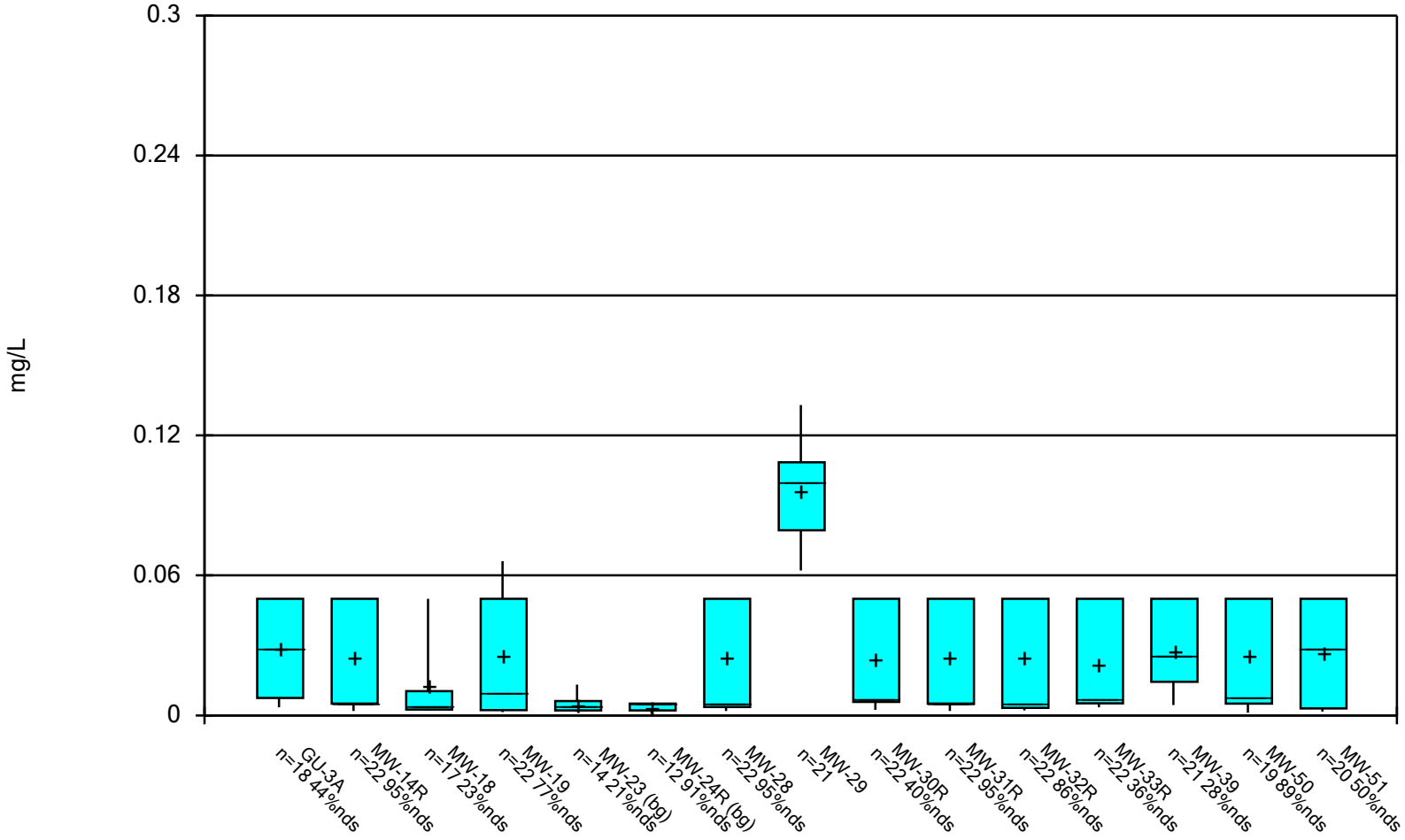


Constituent: Mercury Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series_Box P

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

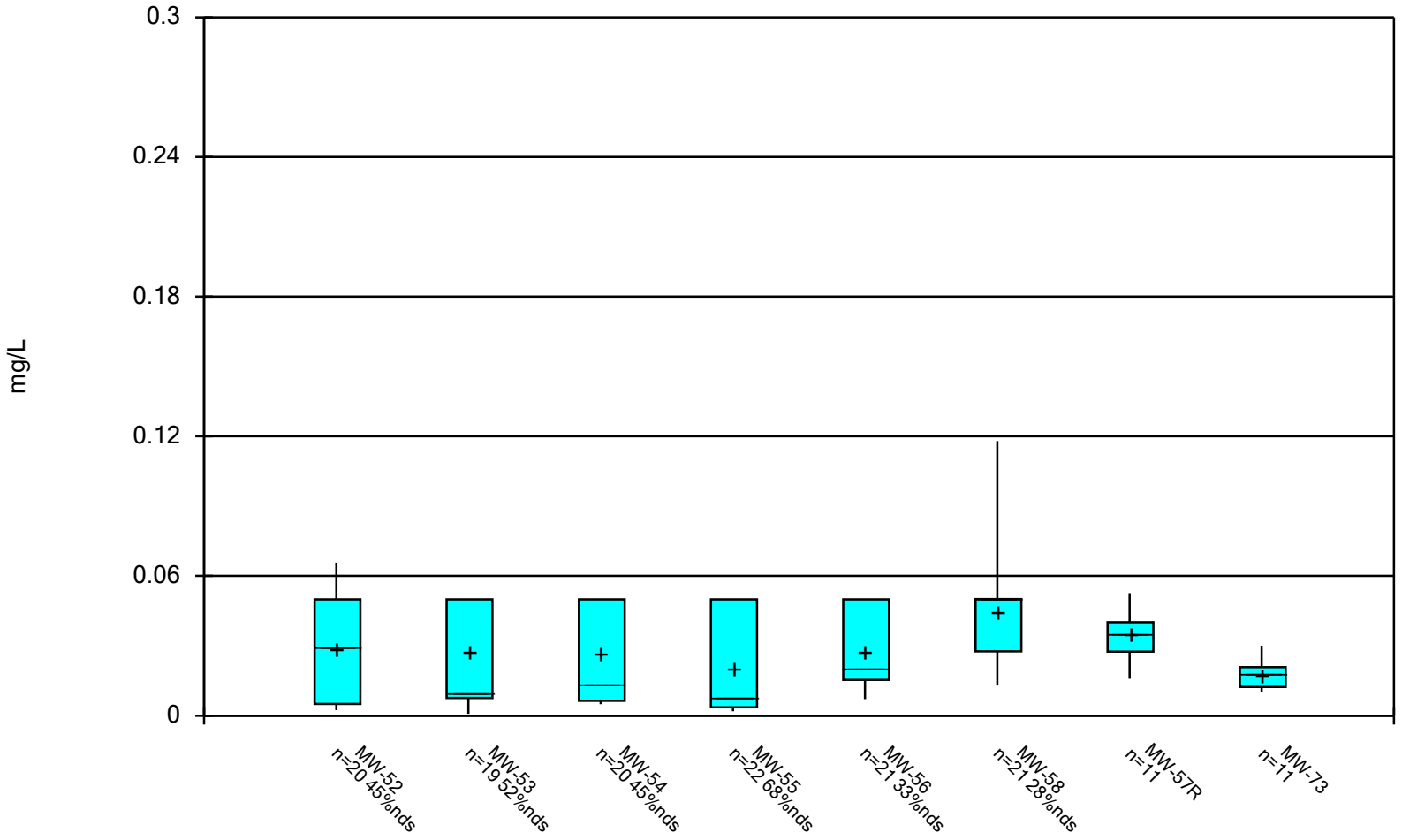


Constituent: Nickel Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series_Box Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

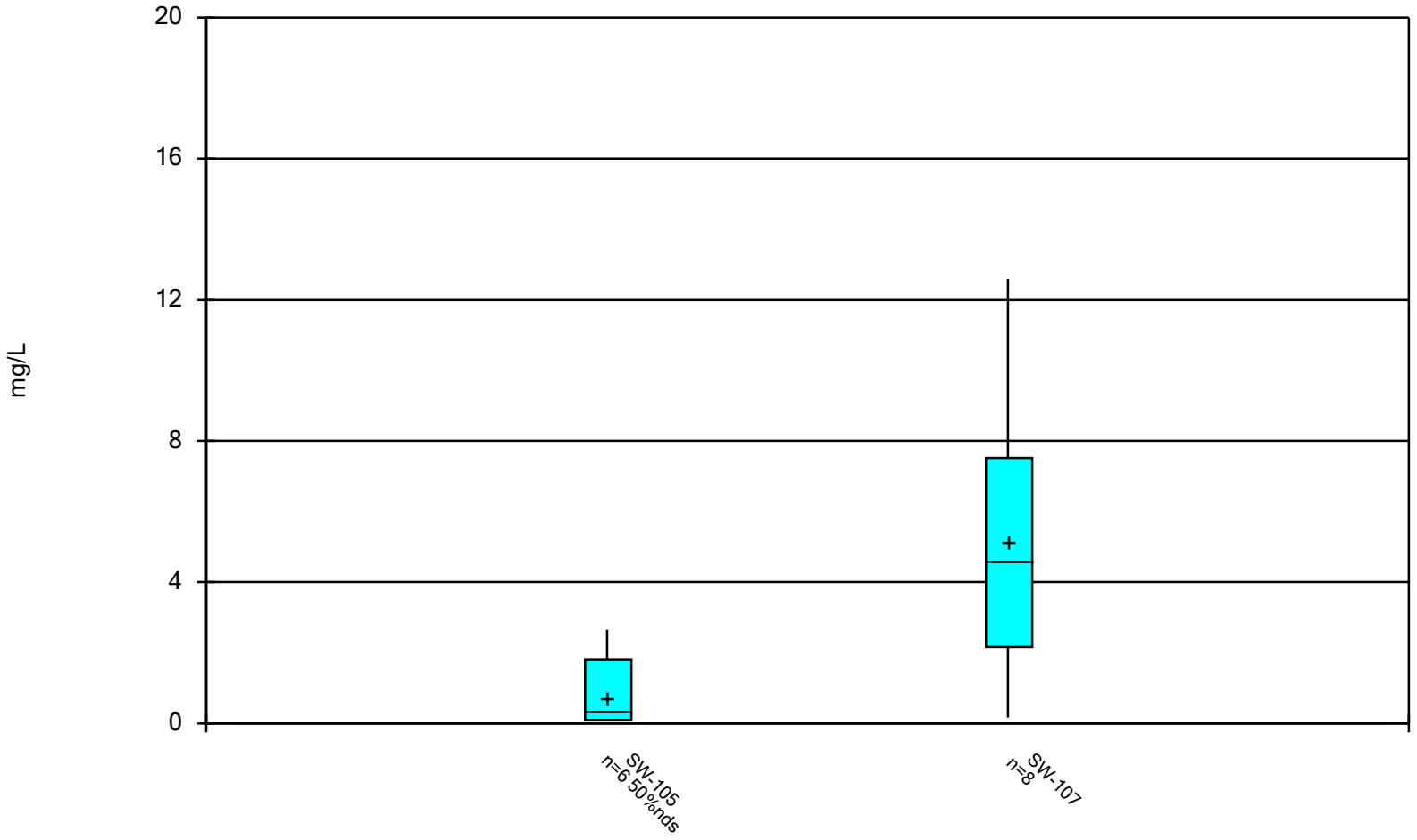


Constituent: Nickel Analysis Run 4/29/2026 2:26 PM View: 2_Descriptive Statistics - Time Series_Box Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

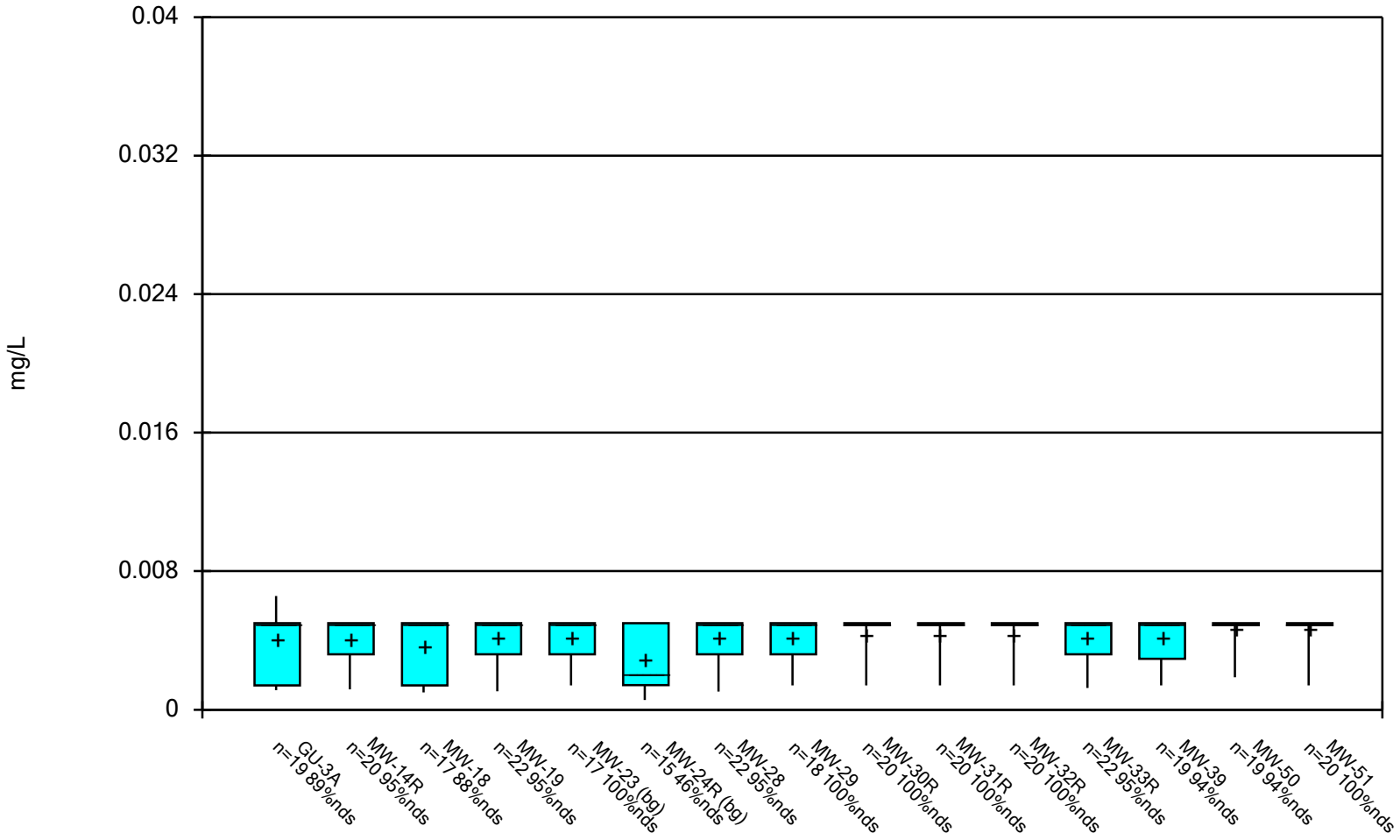


Constituent: Nitrate as N Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time Series_B

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

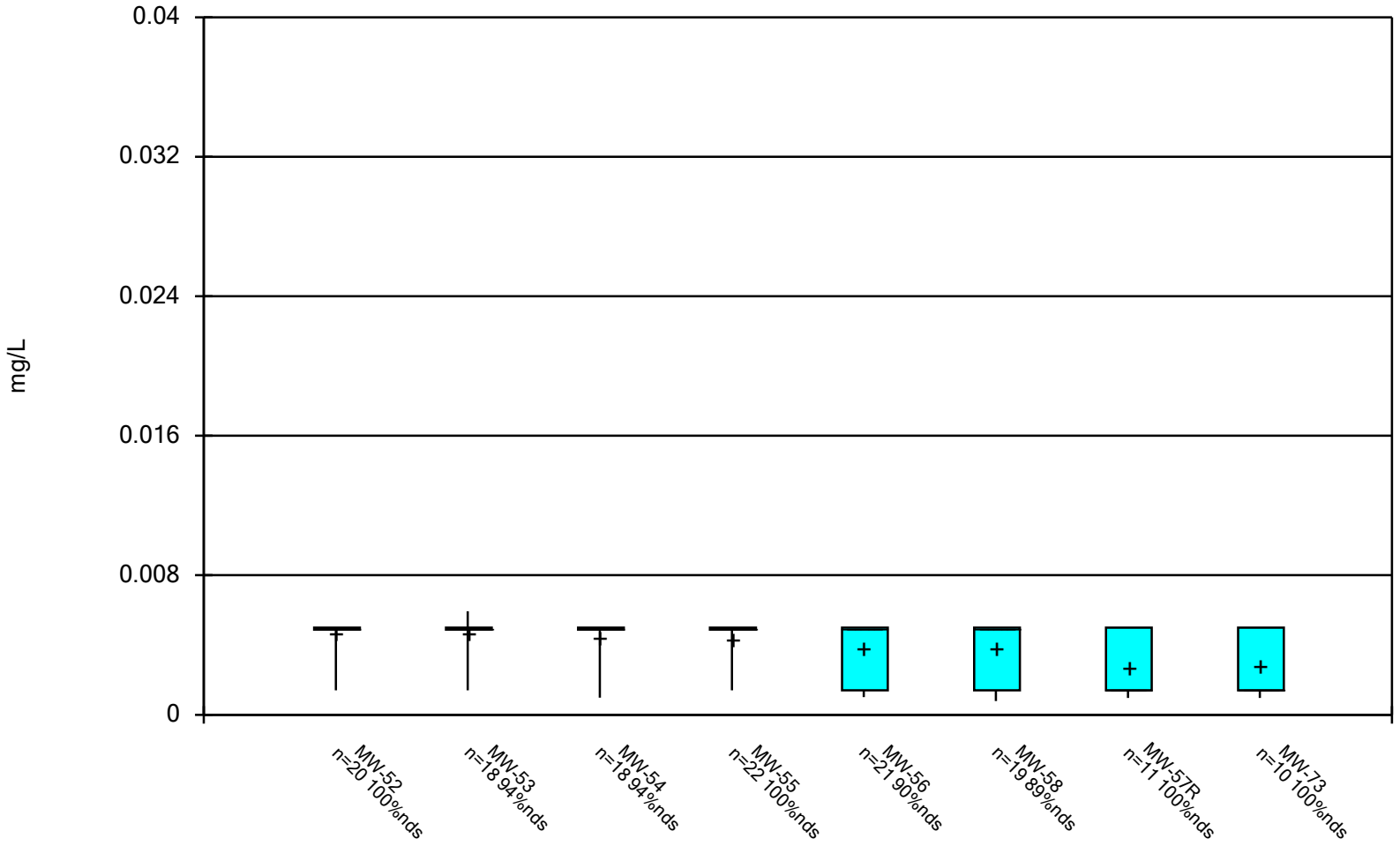


Constituent: Selenium Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

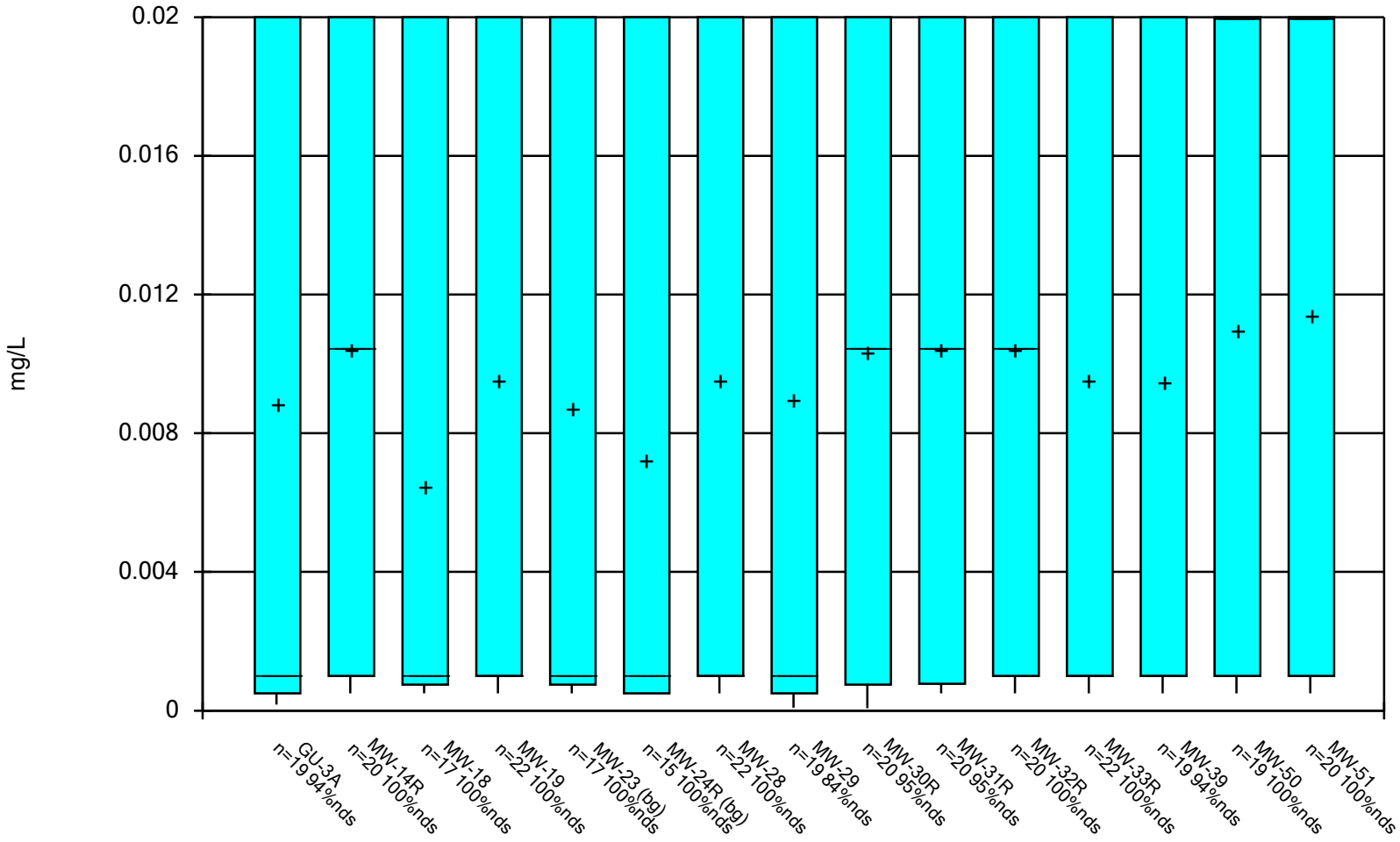


Constituent: Selenium Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

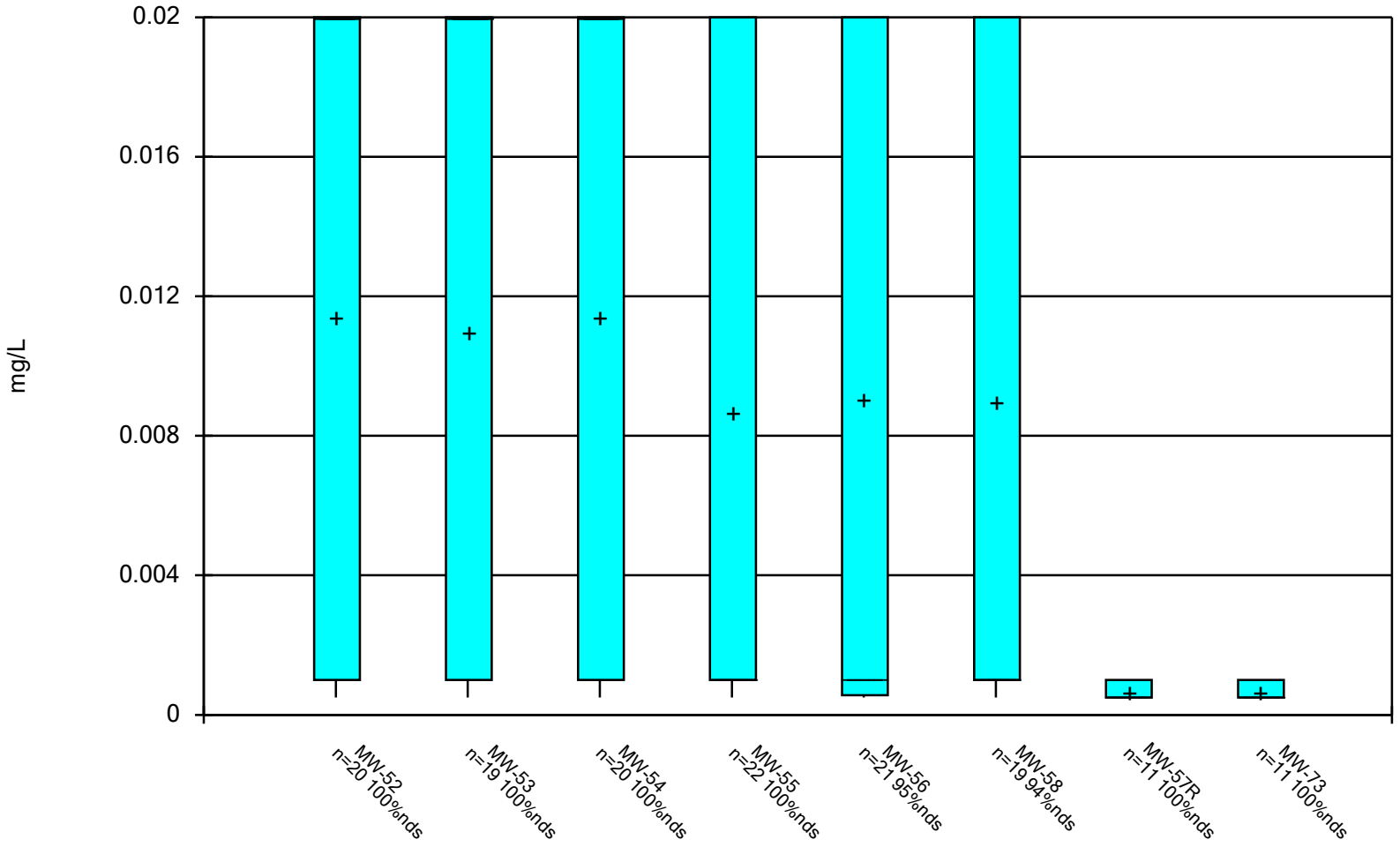


Constituent: Silver Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time Series_Box Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

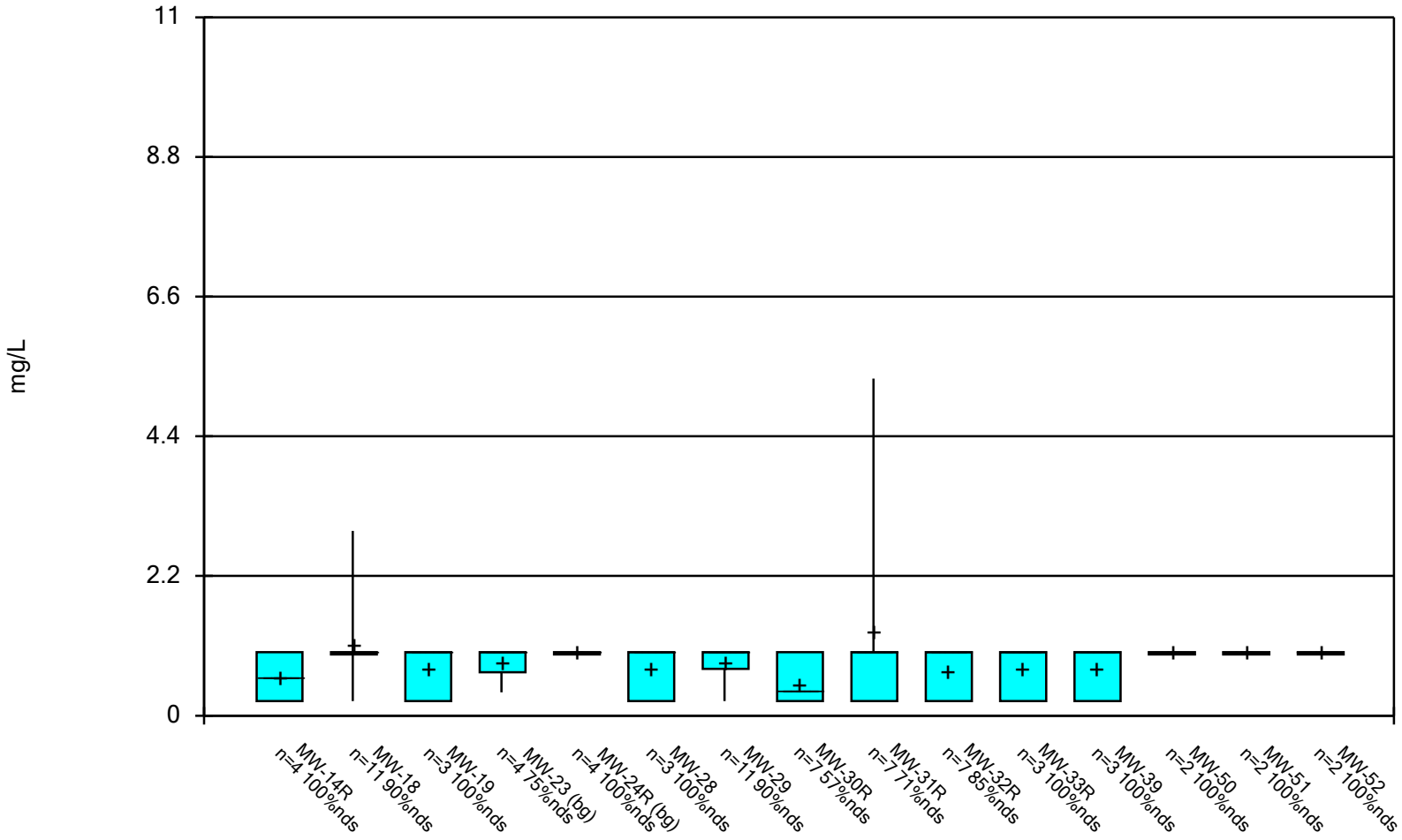


Constituent: Silver Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time Series_Box Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

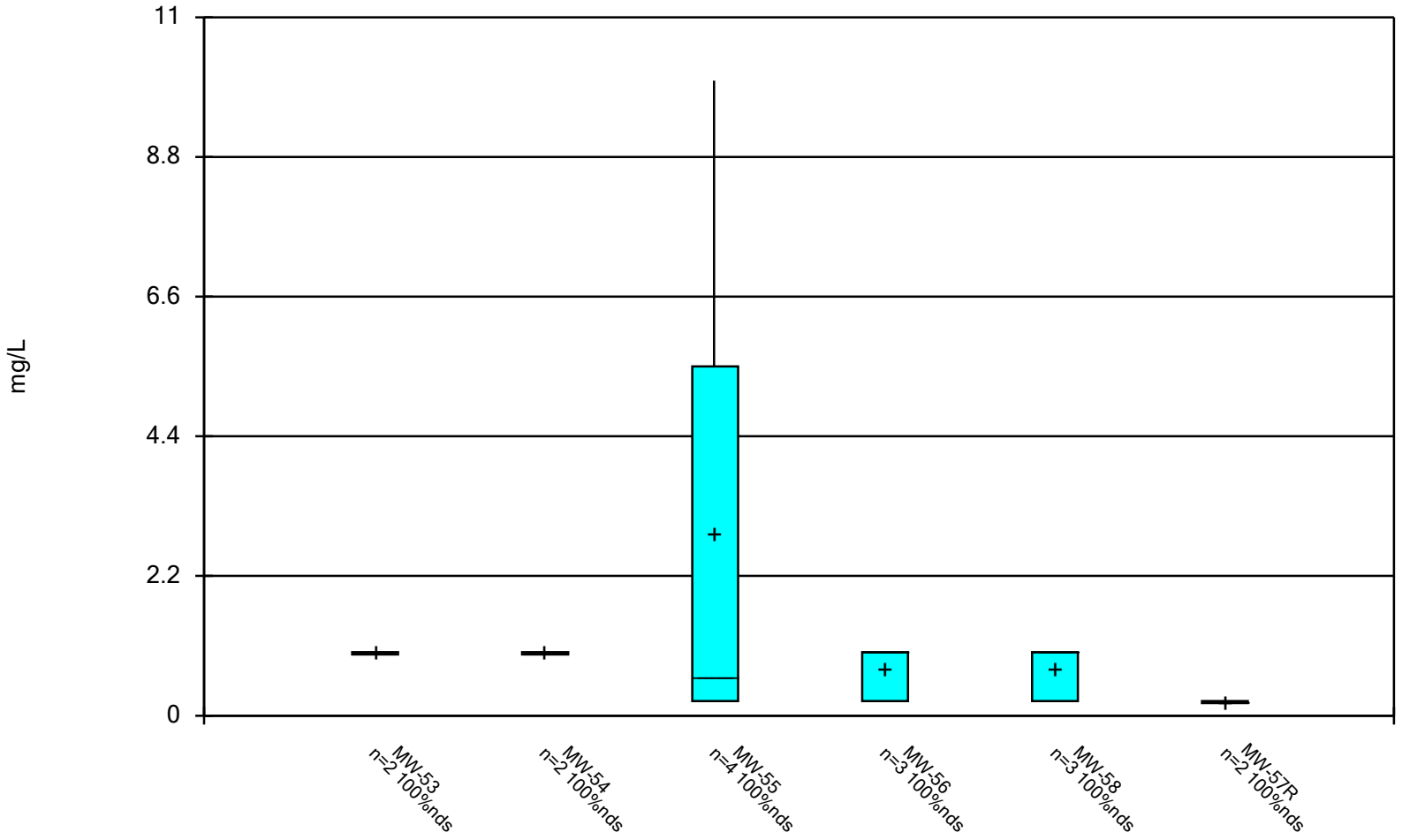


Constituent: Sulfide Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time Series_Box Pl

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

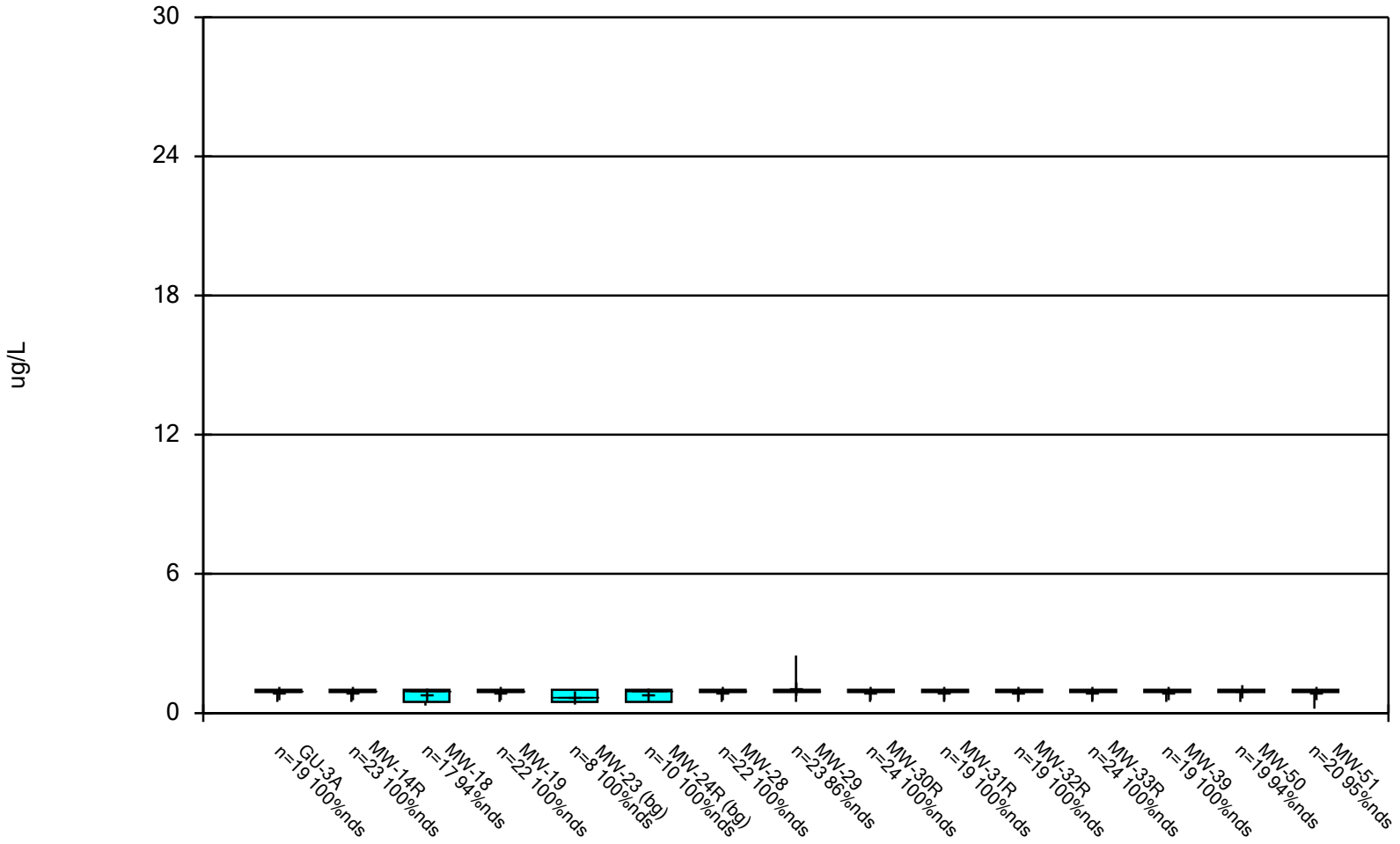


Constituent: Sulfide Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time Series_Box Pl

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

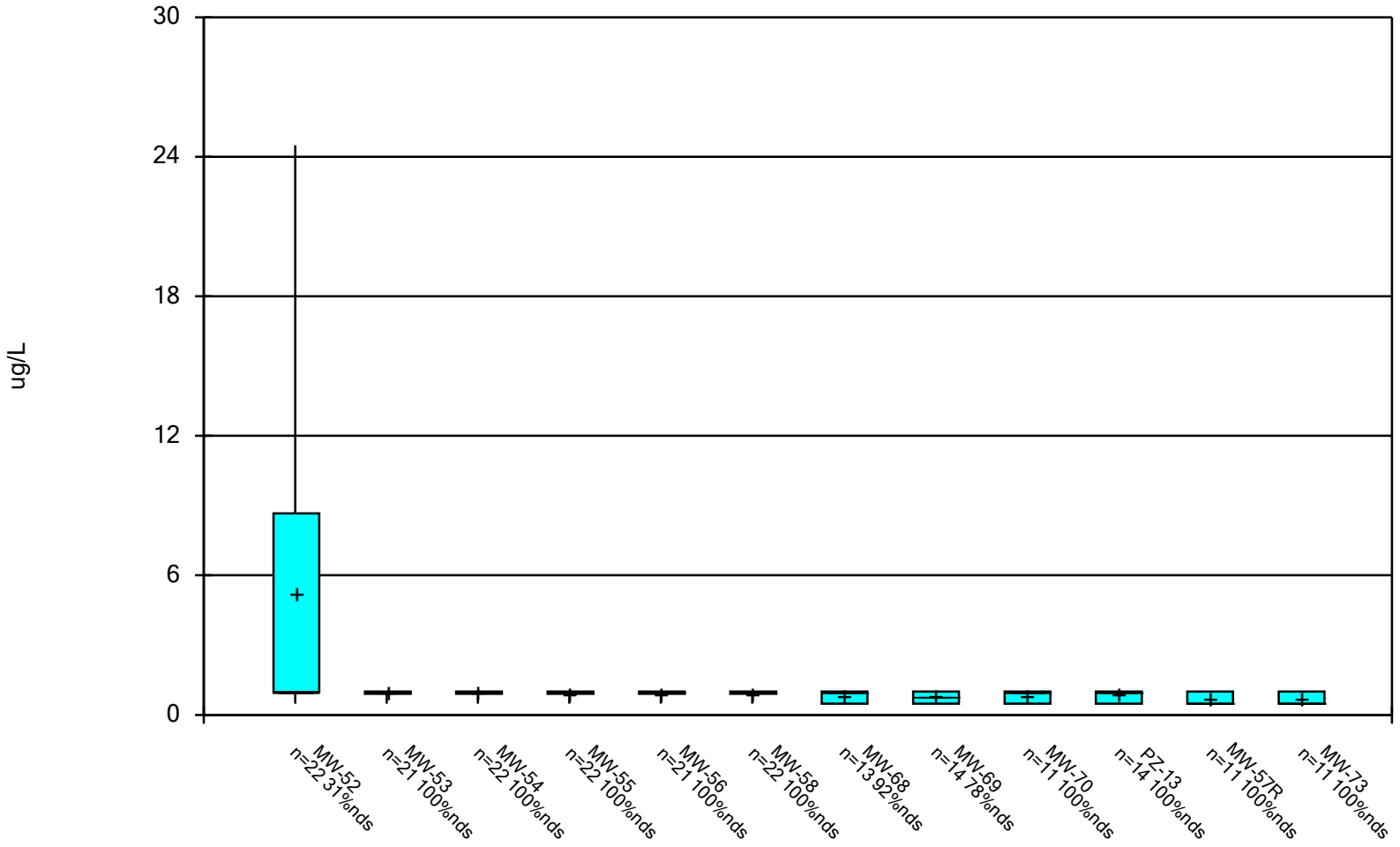


Constituent: Tetrachloroethene Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time Ser

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

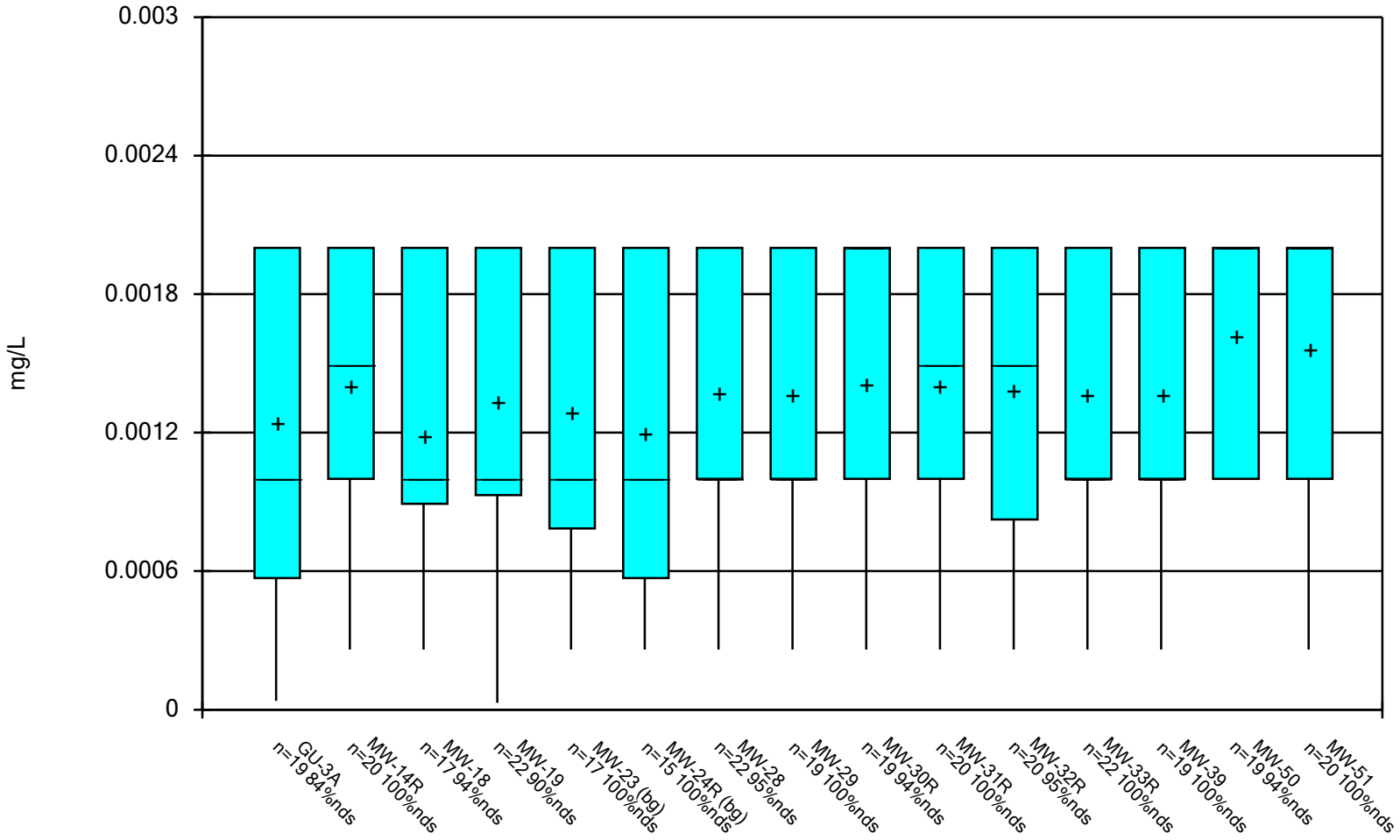


Constituent: Tetrachloroethene Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time Ser

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

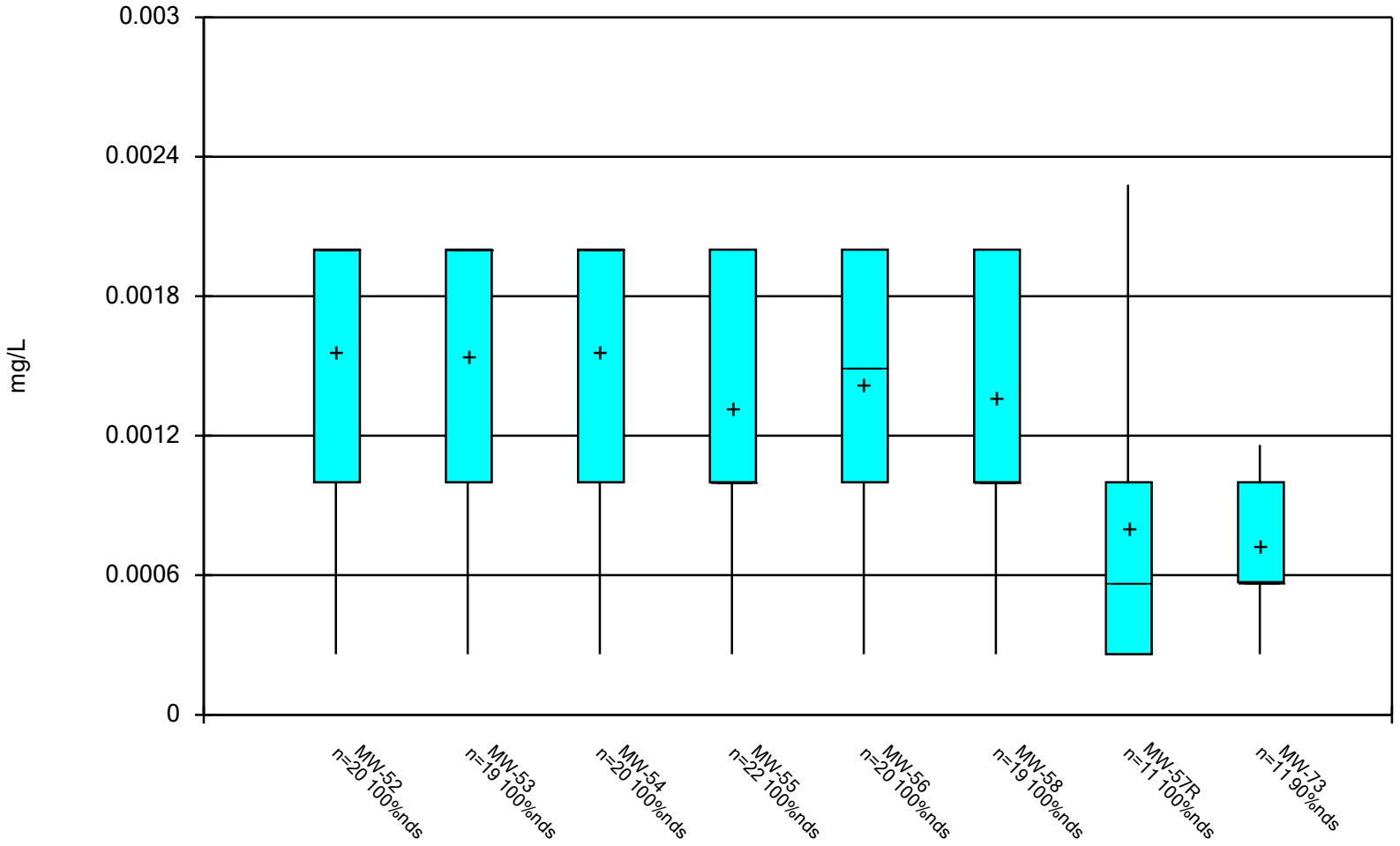


Constituent: Thallium Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time Series_Box P

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

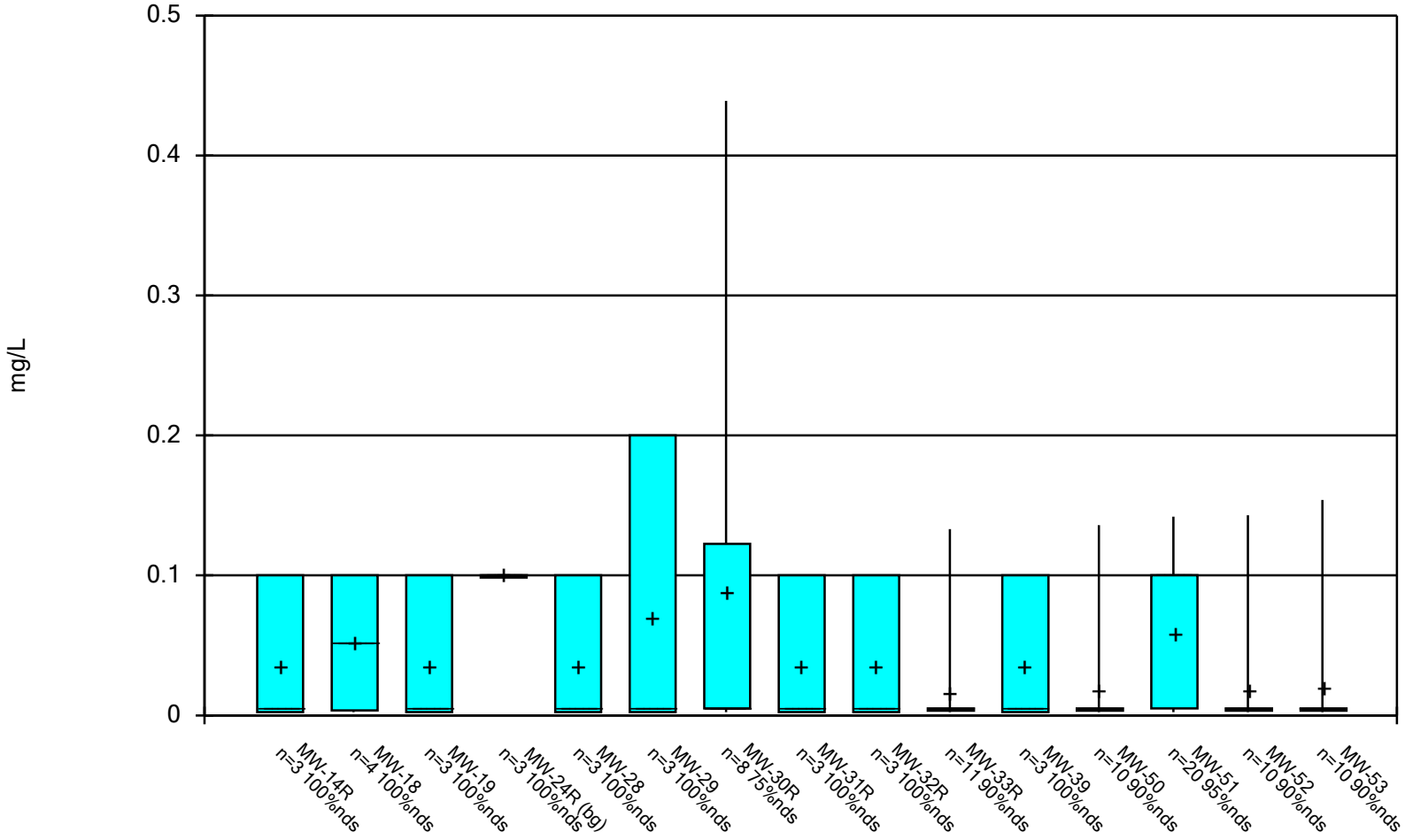


Constituent: Thallium Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time Series_Box P

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

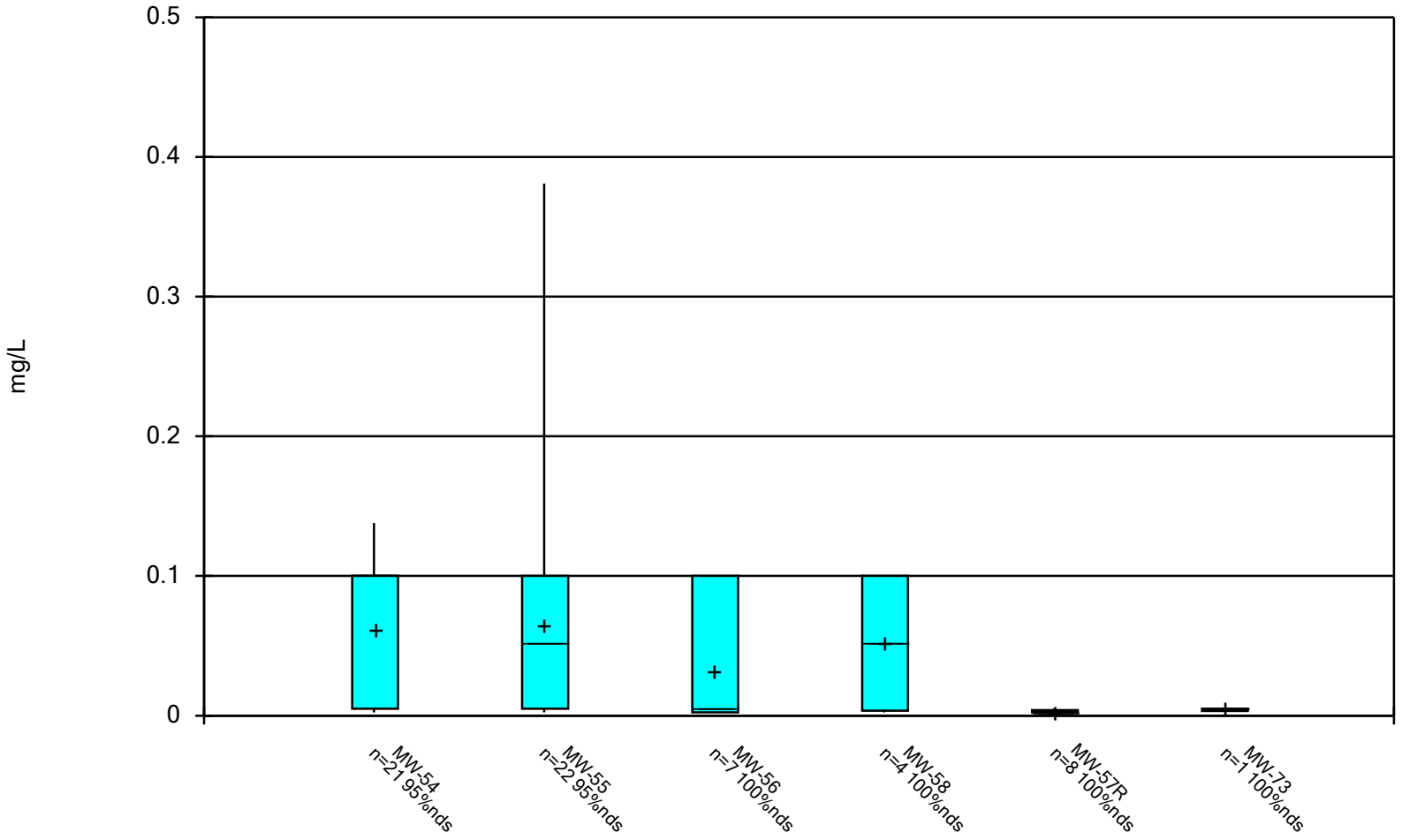


Constituent: Tin Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time Series_Box Plots

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

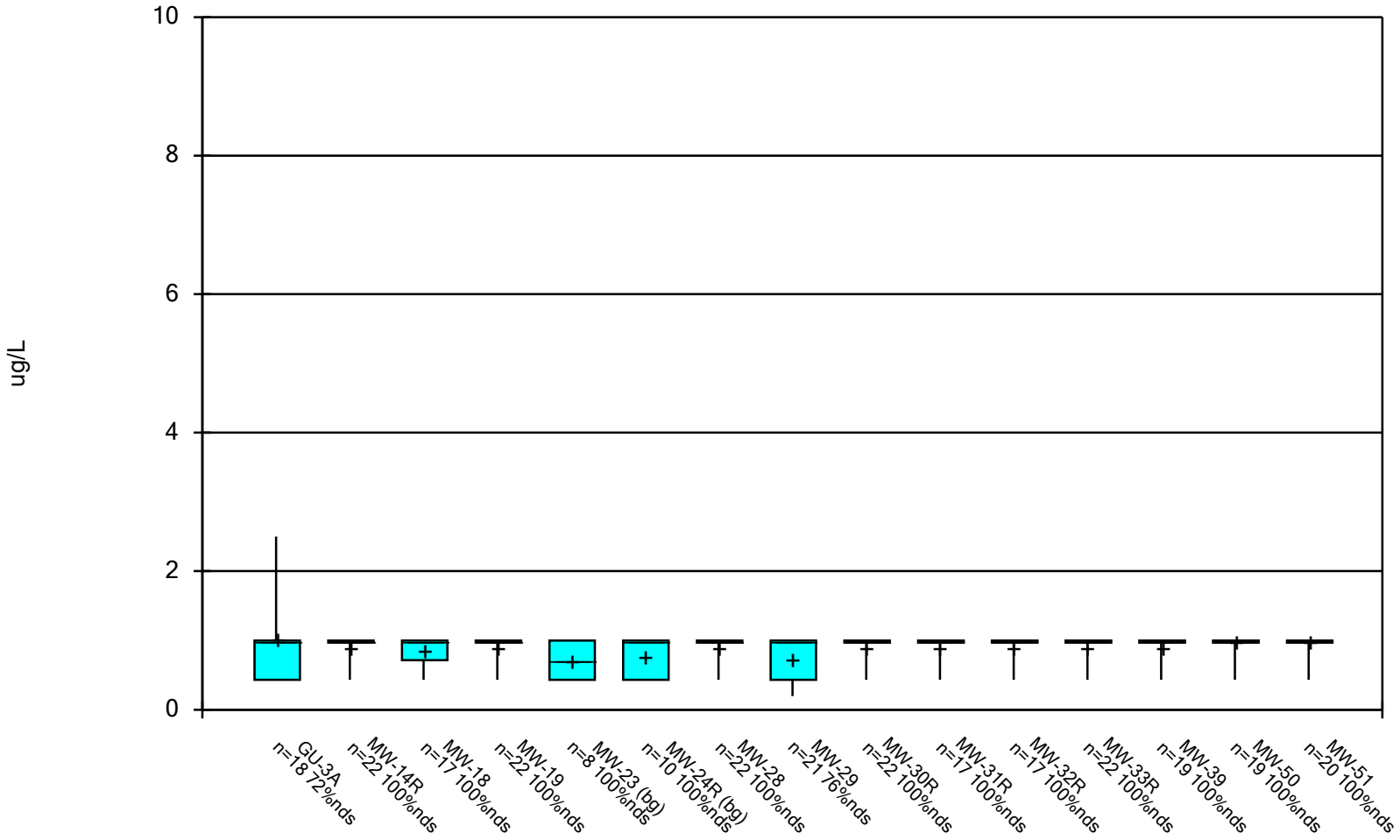


Constituent: Tin Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time Series_Box Plots

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

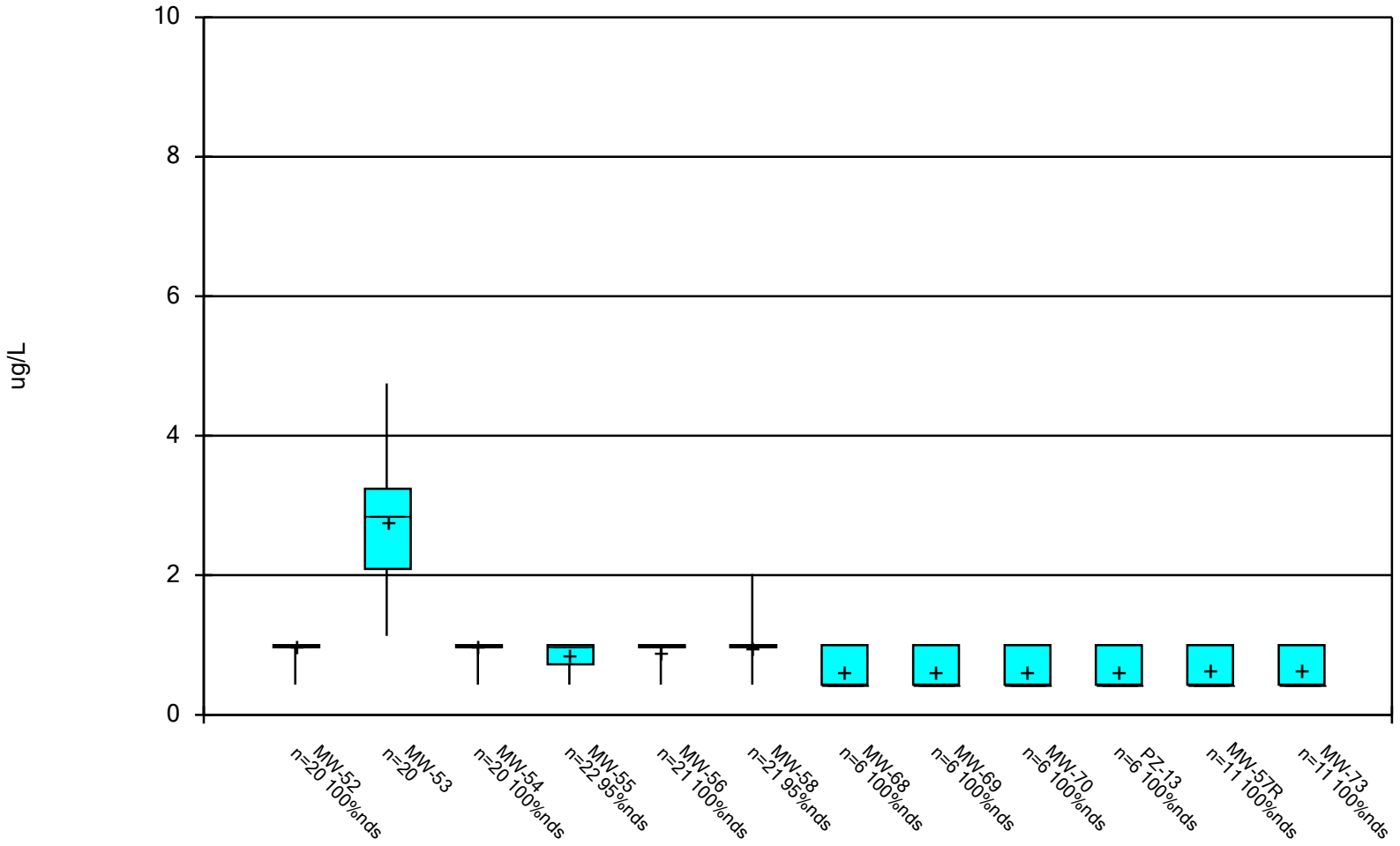


Constituent: Toluene Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time Series_Box P

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

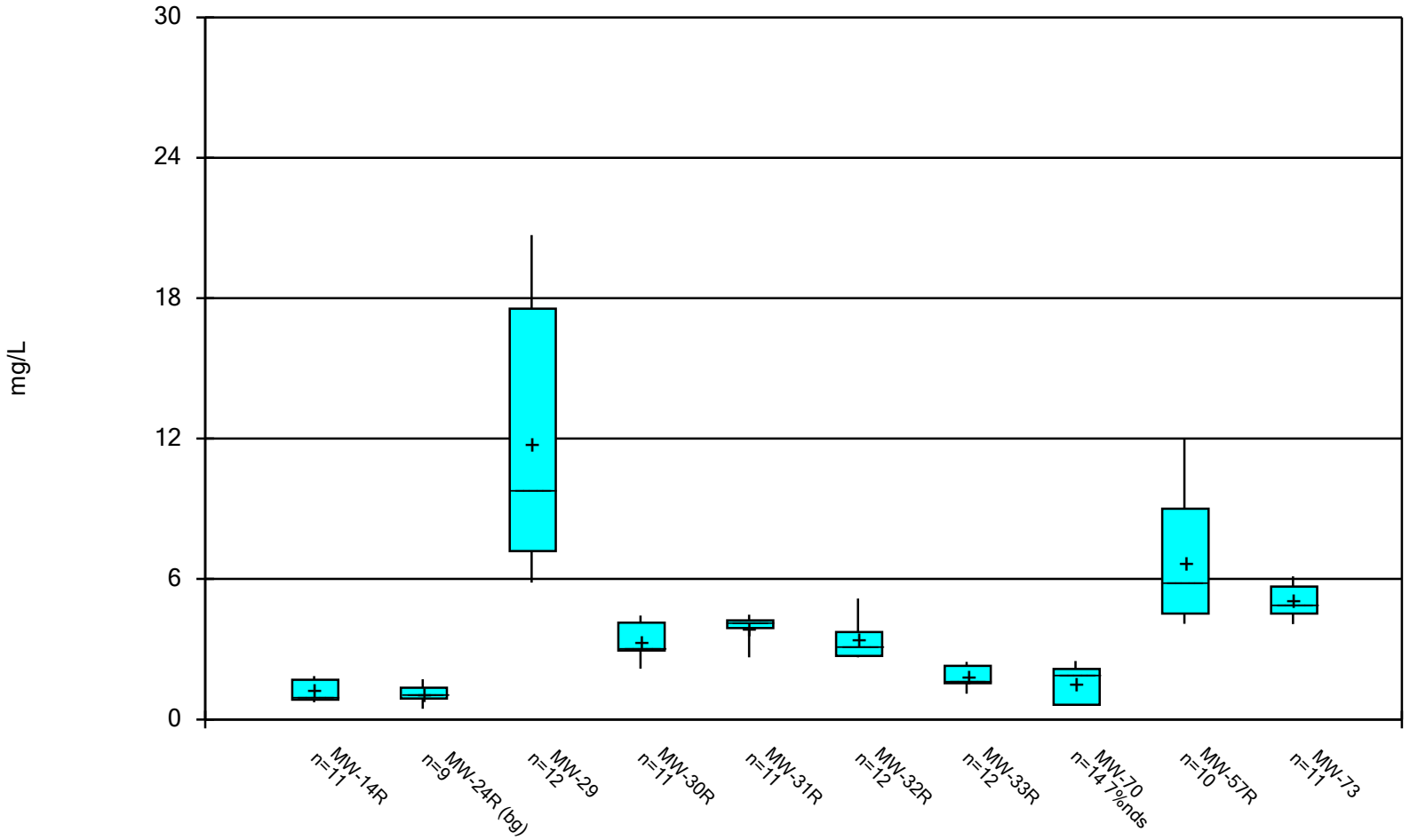


Constituent: Toluene Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time Series_Box P

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

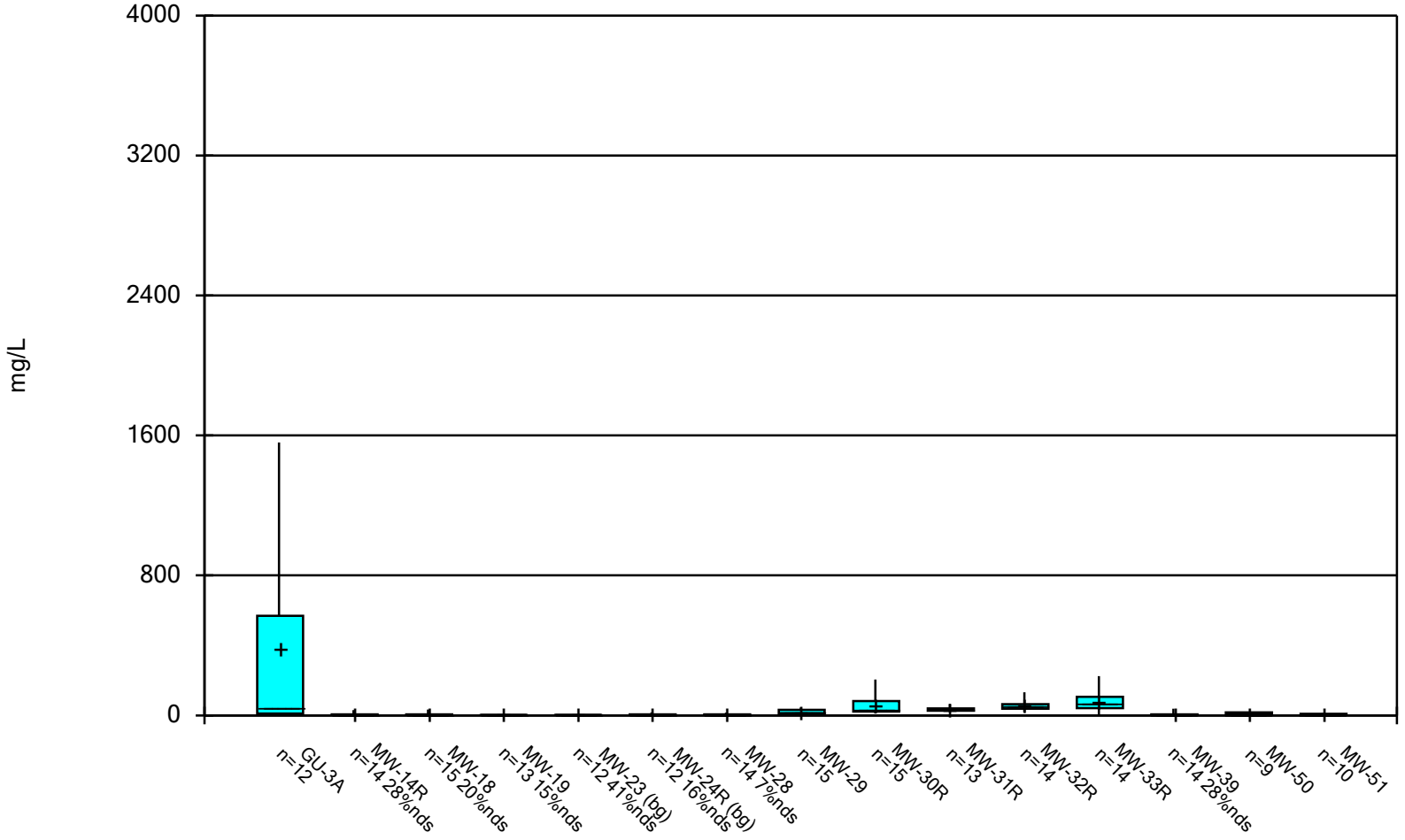


Constituent: Total Organic Carbon Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

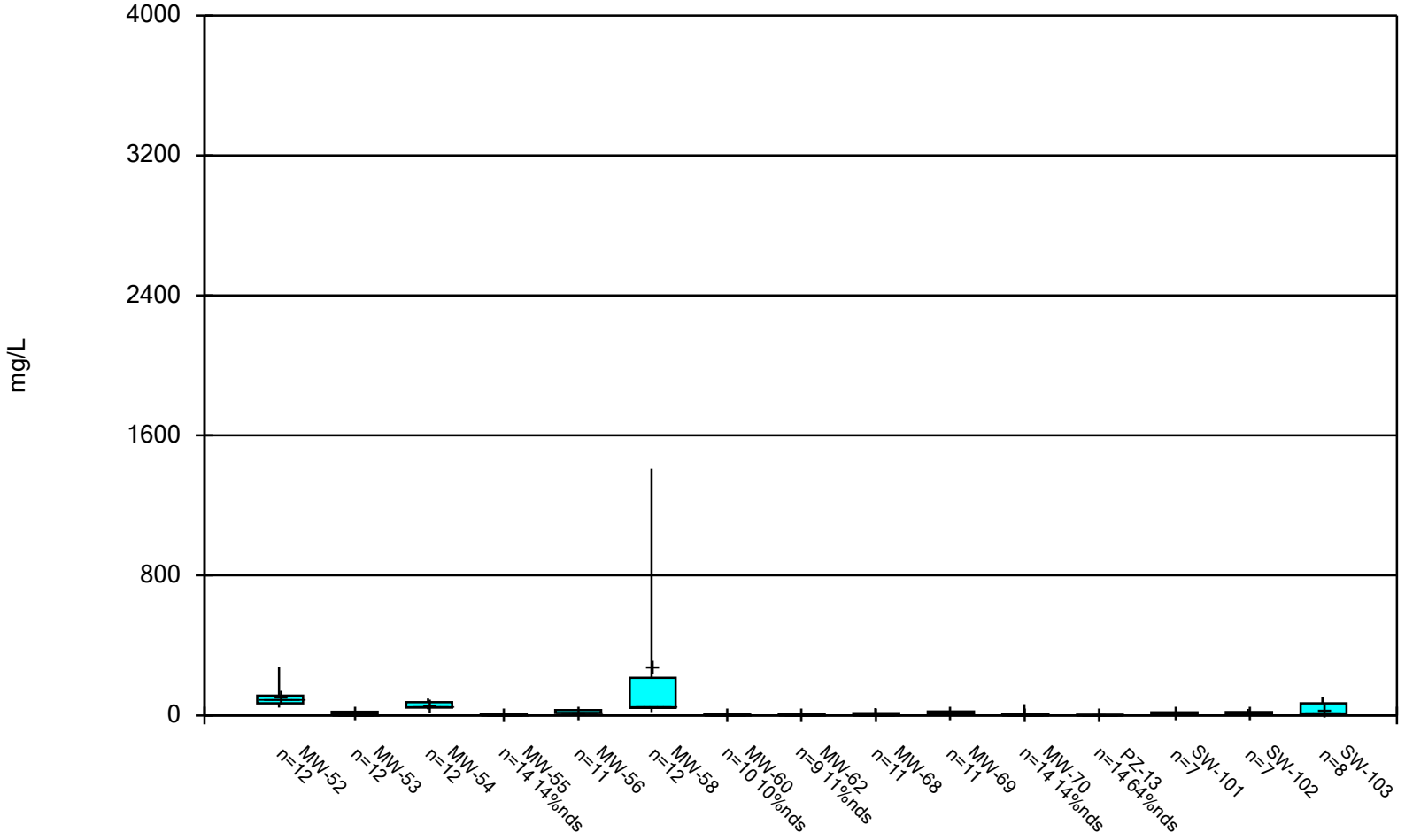


Constituent: Total Suspended Solids Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Tim

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

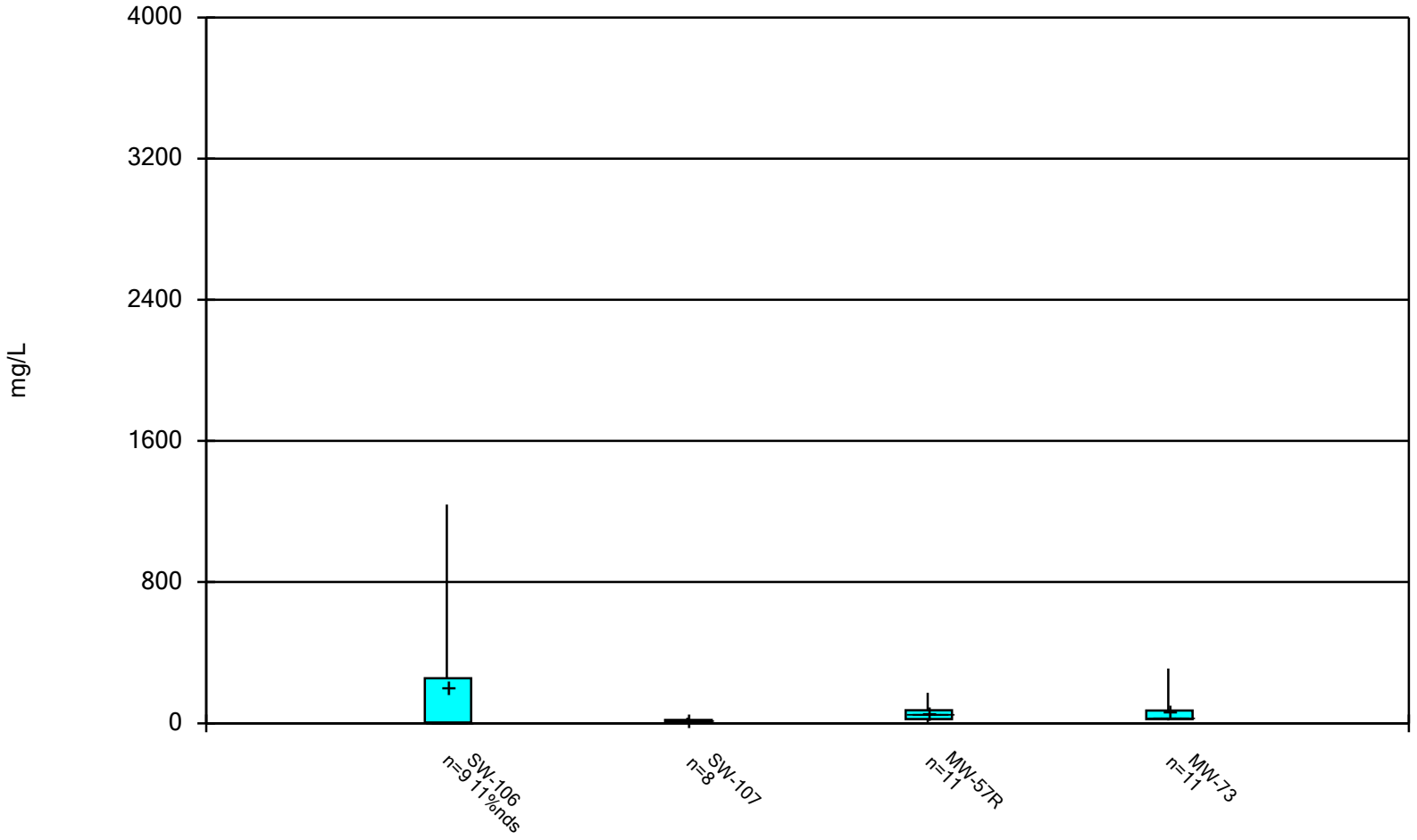


Constituent: Total Suspended Solids Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Tim

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

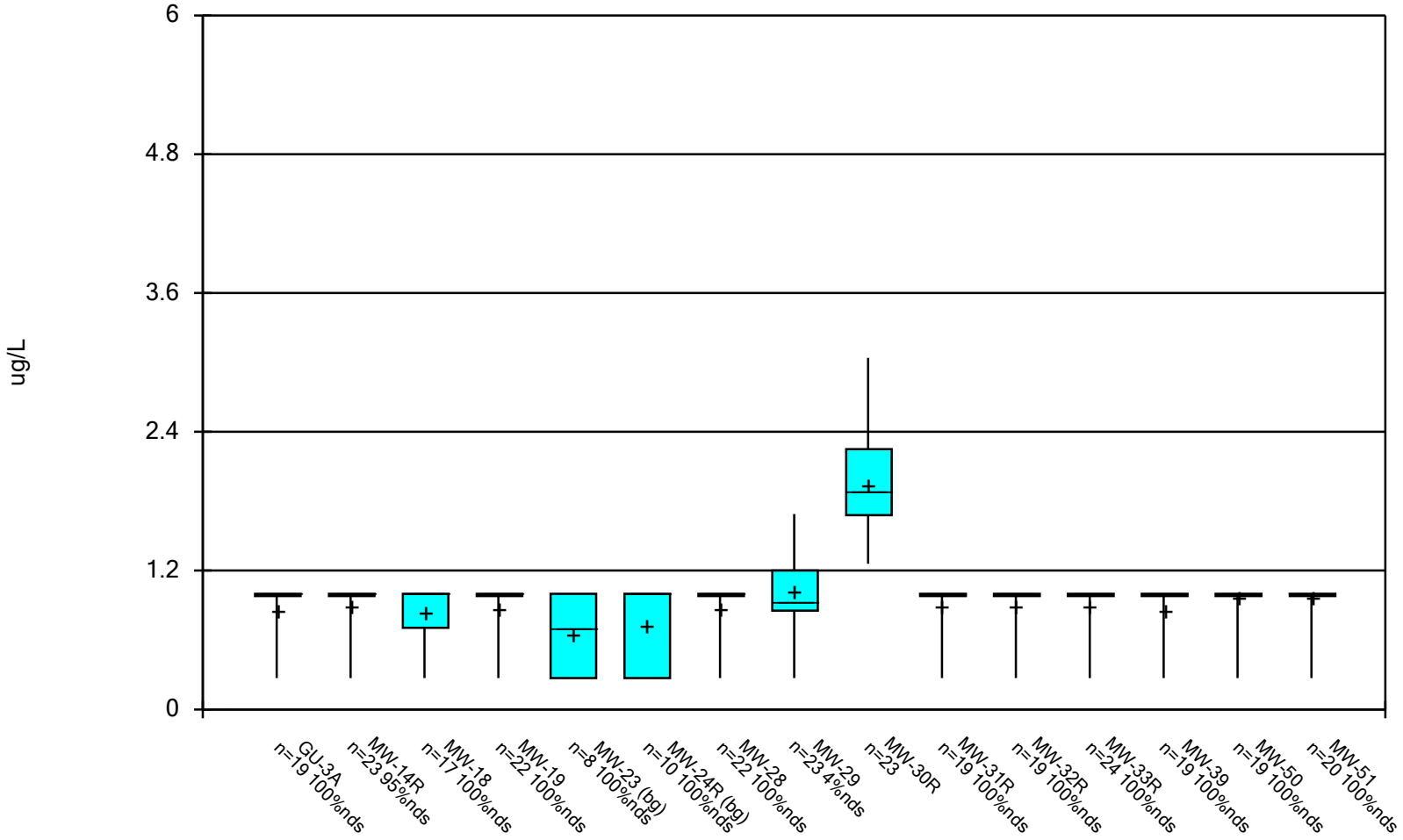


Constituent: Total Suspended Solids Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Tim

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

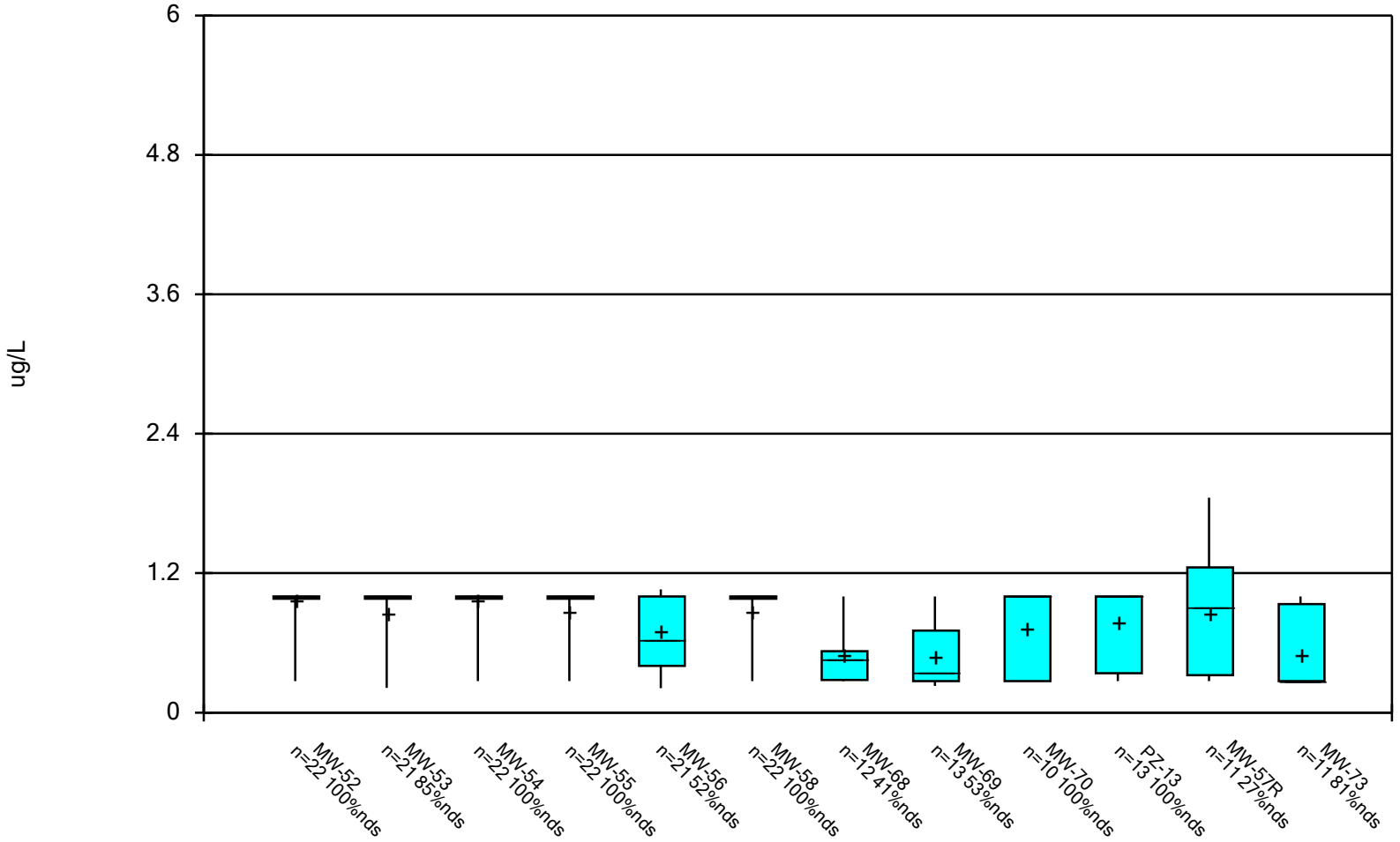


Constituent: trans-1,2-Dichloroethene Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Ti

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

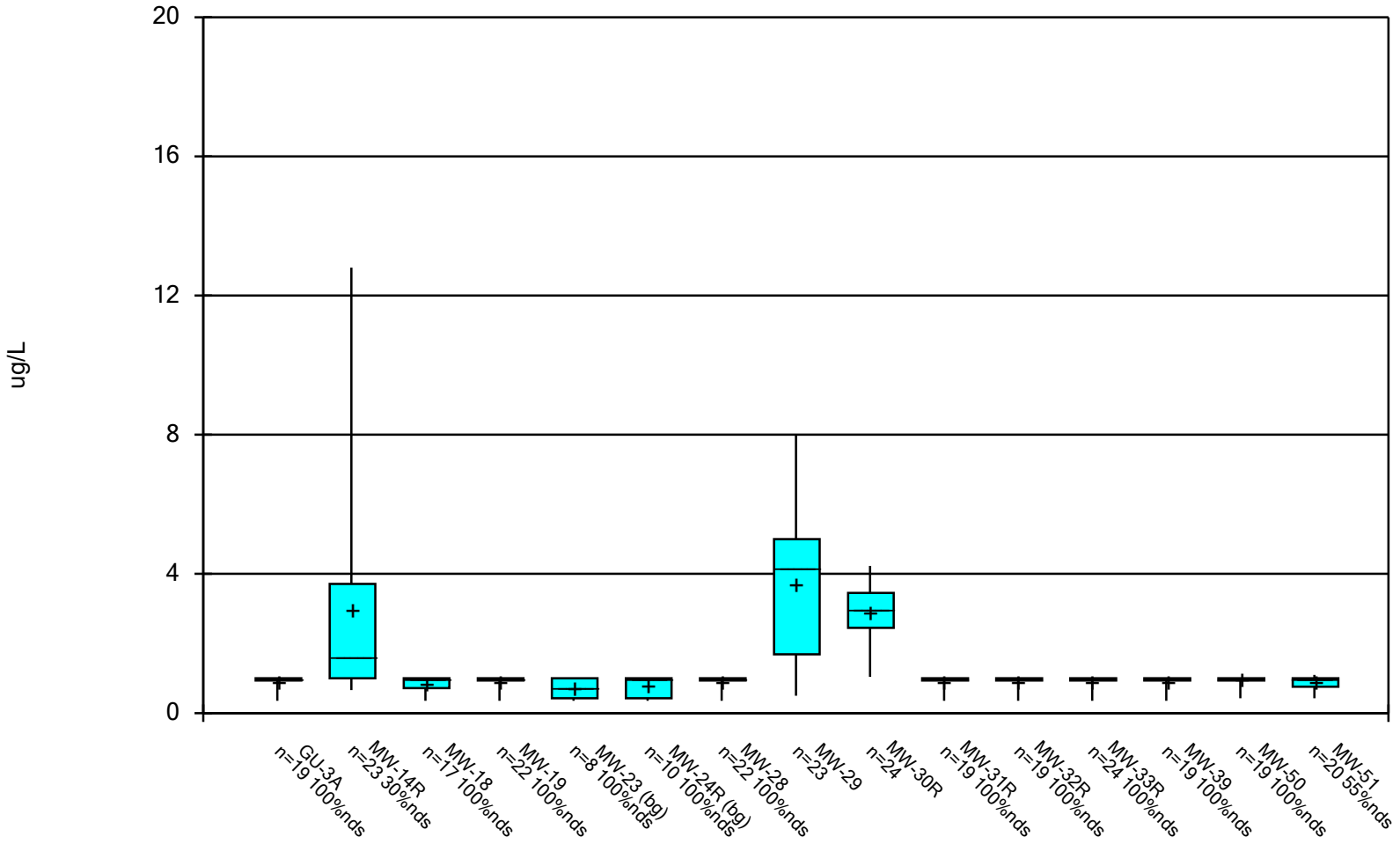


Constituent: trans-1,2-Dichloroethene Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Ti

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

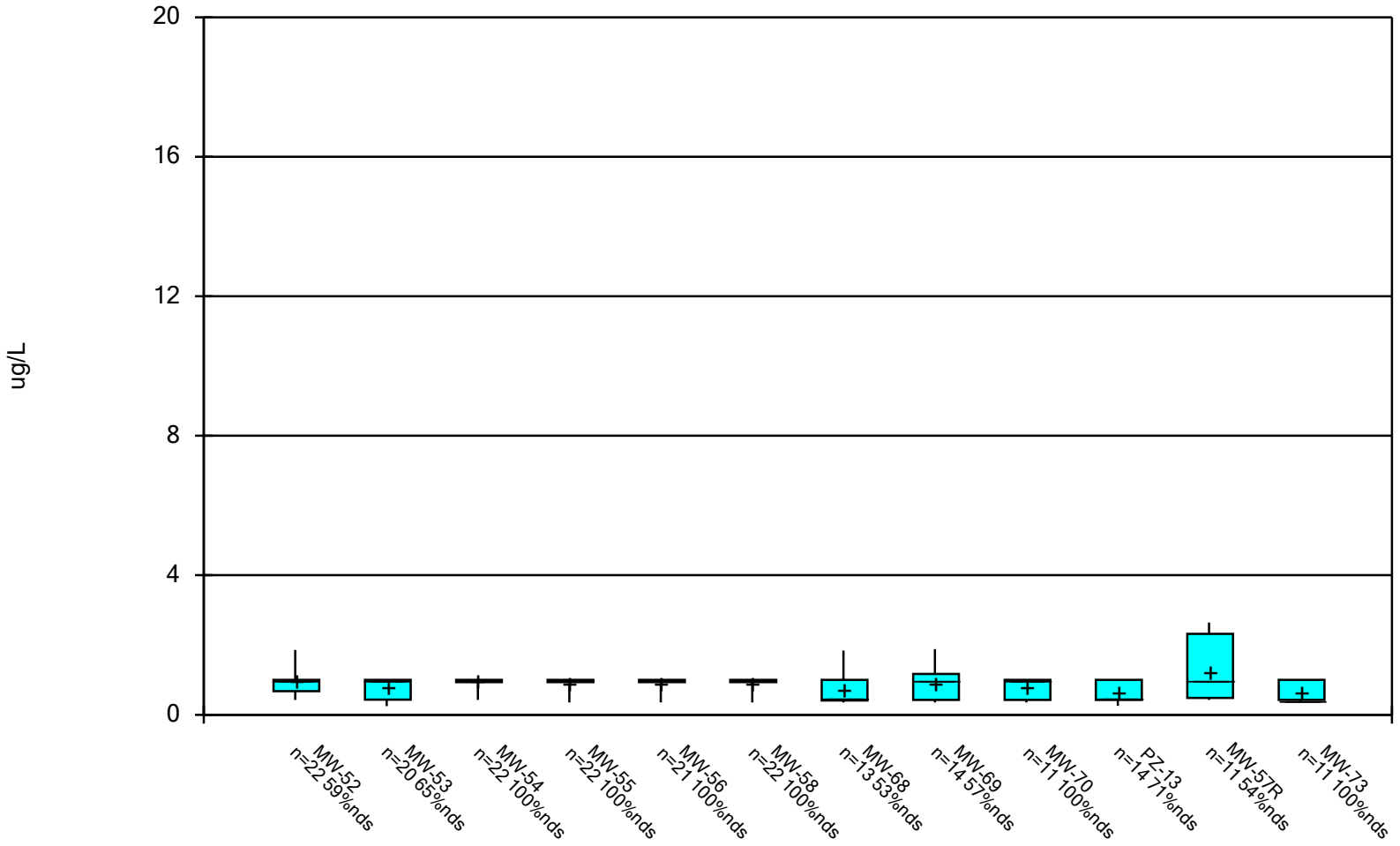


Constituent: Trichloroethene Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

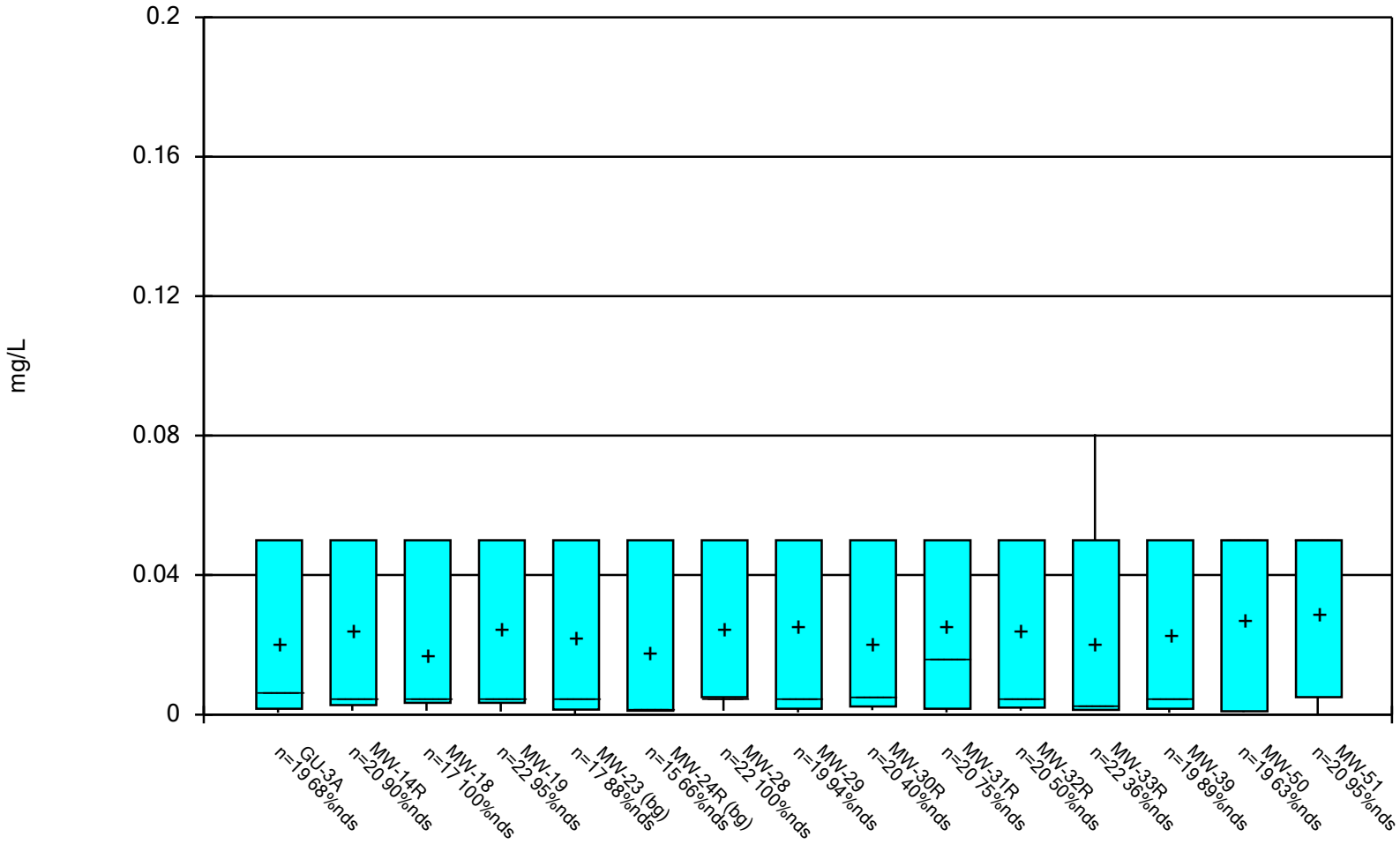


Constituent: Trichloroethene Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

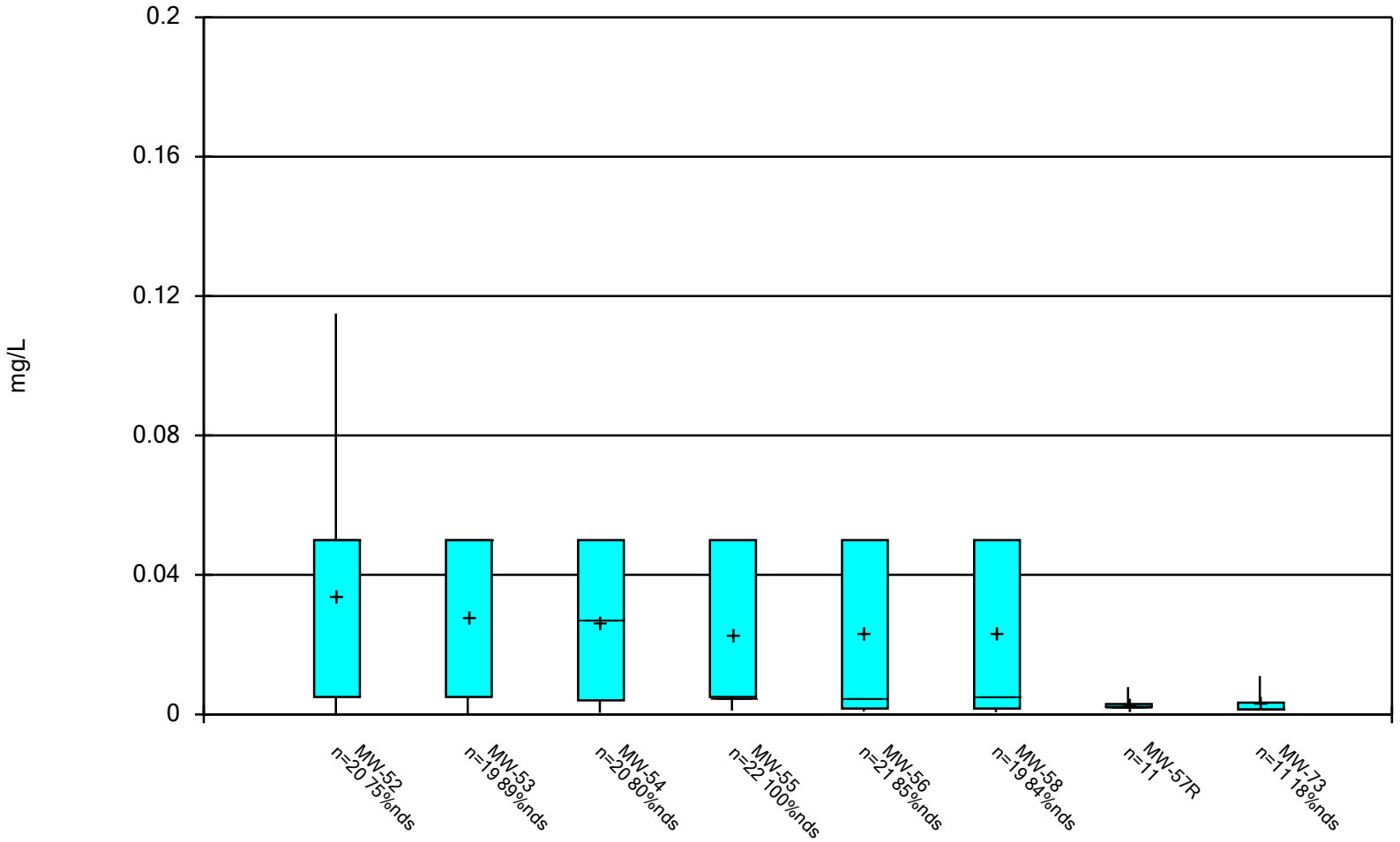


Constituent: Vanadium Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

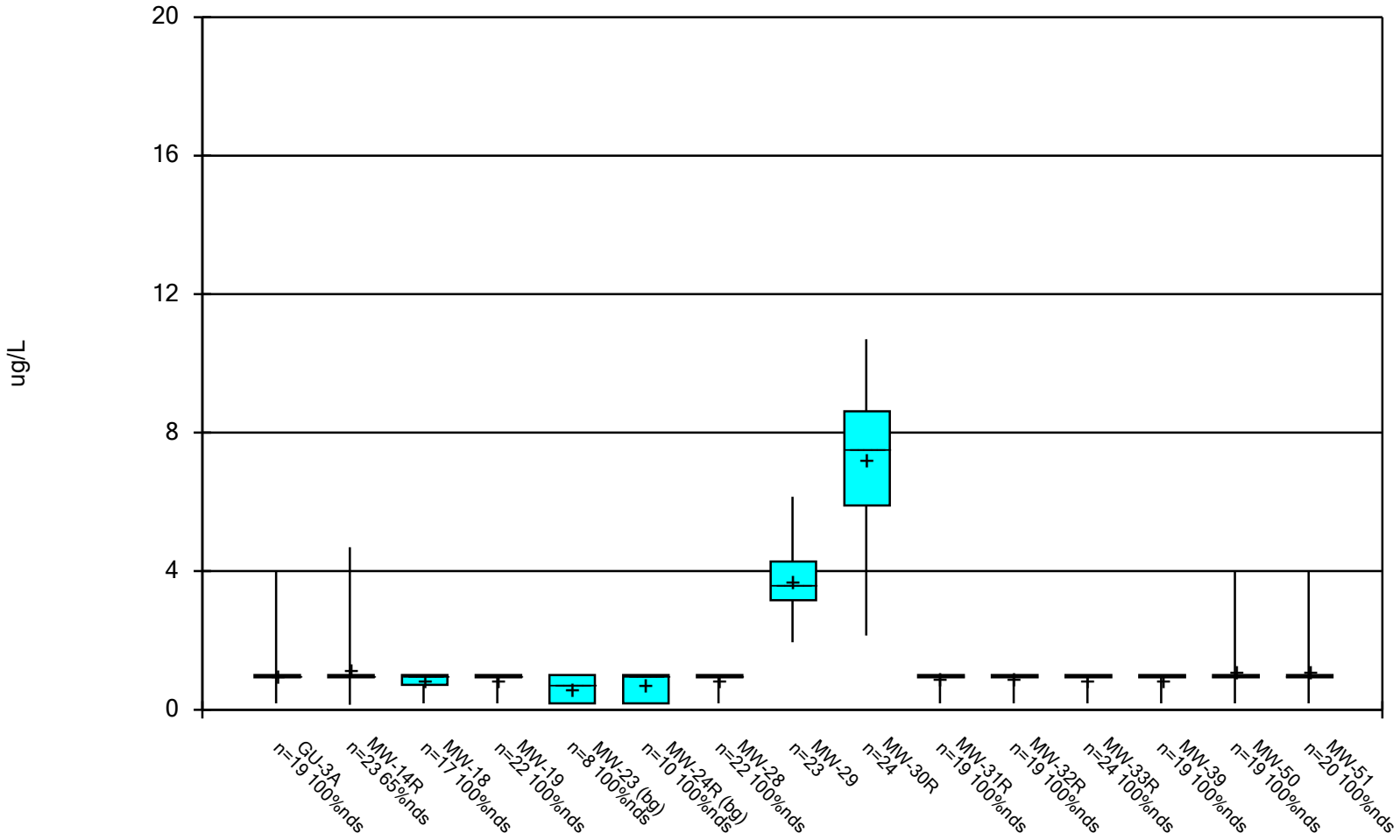


Constituent: Vanadium Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time Series_Box

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

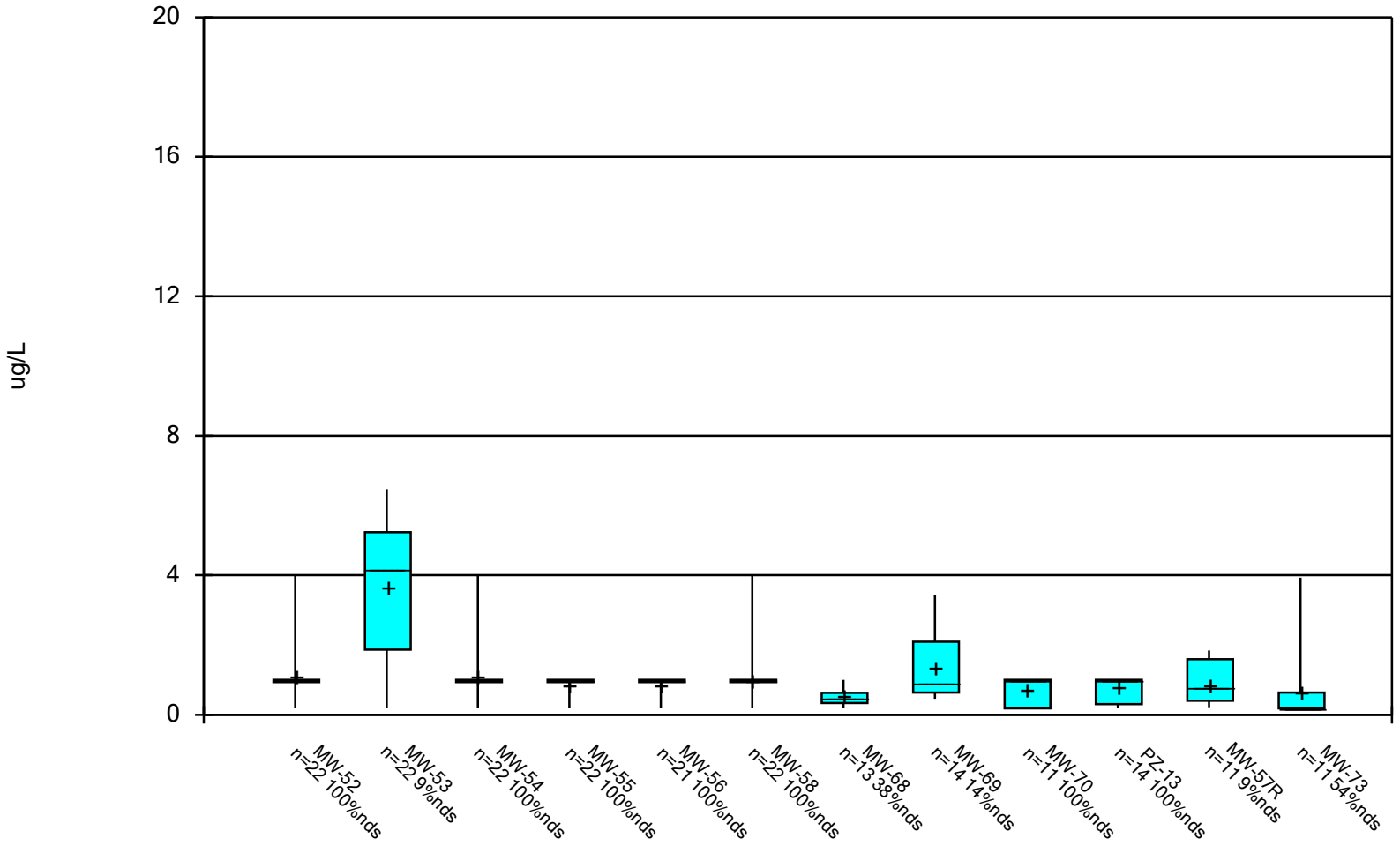


Constituent: Vinyl Chloride Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time Series_

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

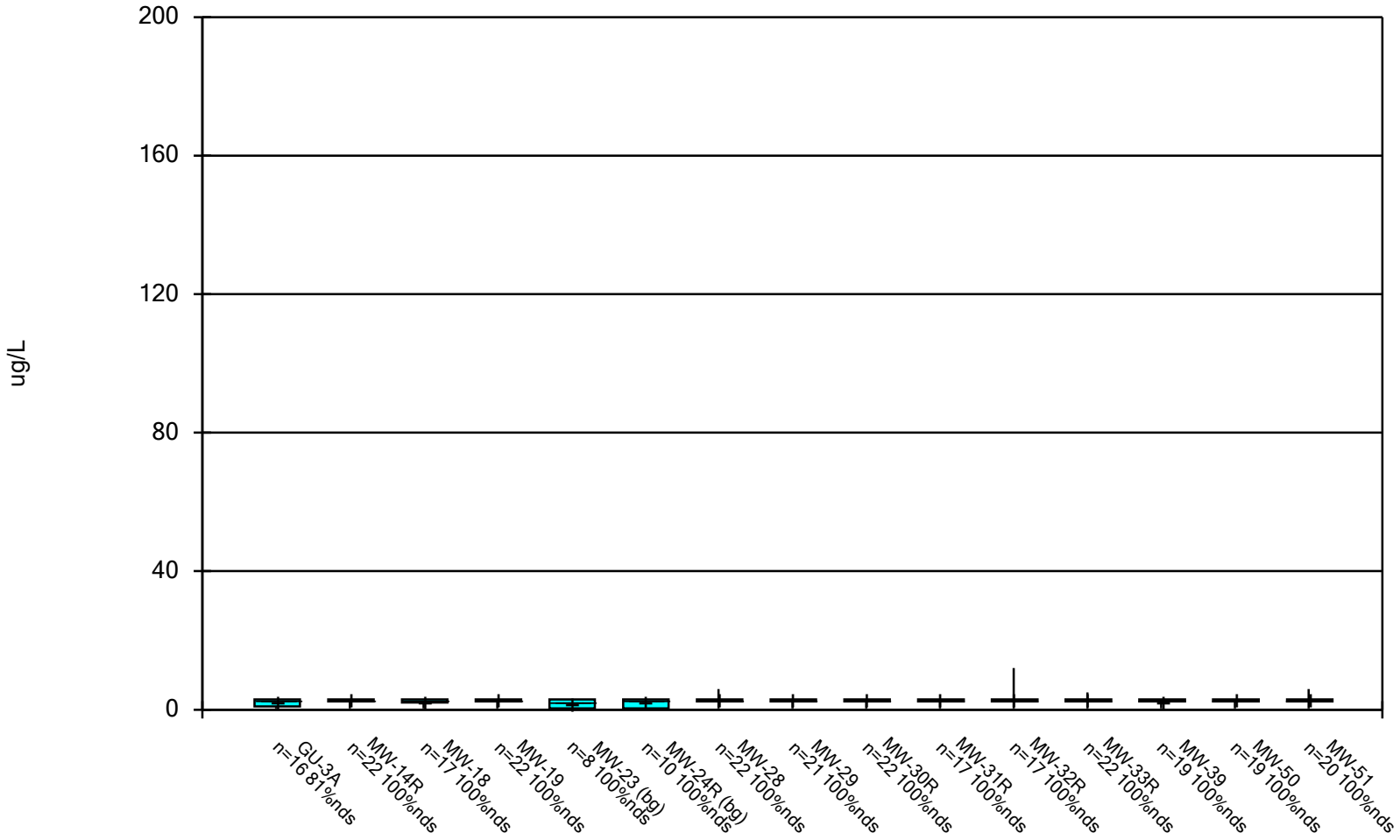


Constituent: Vinyl Chloride Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time Series_

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

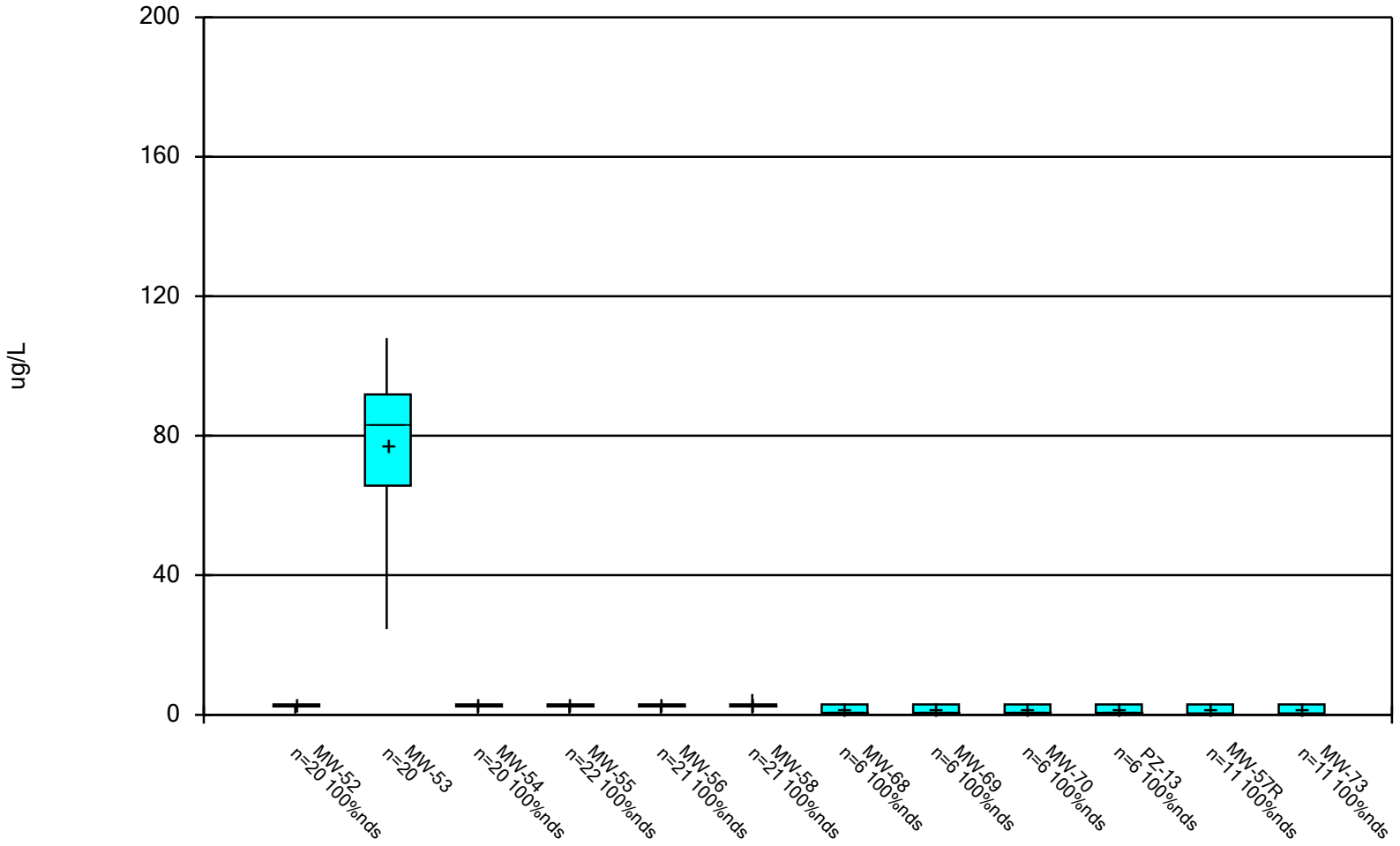


Constituent: Xylenes, total Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time Series_

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

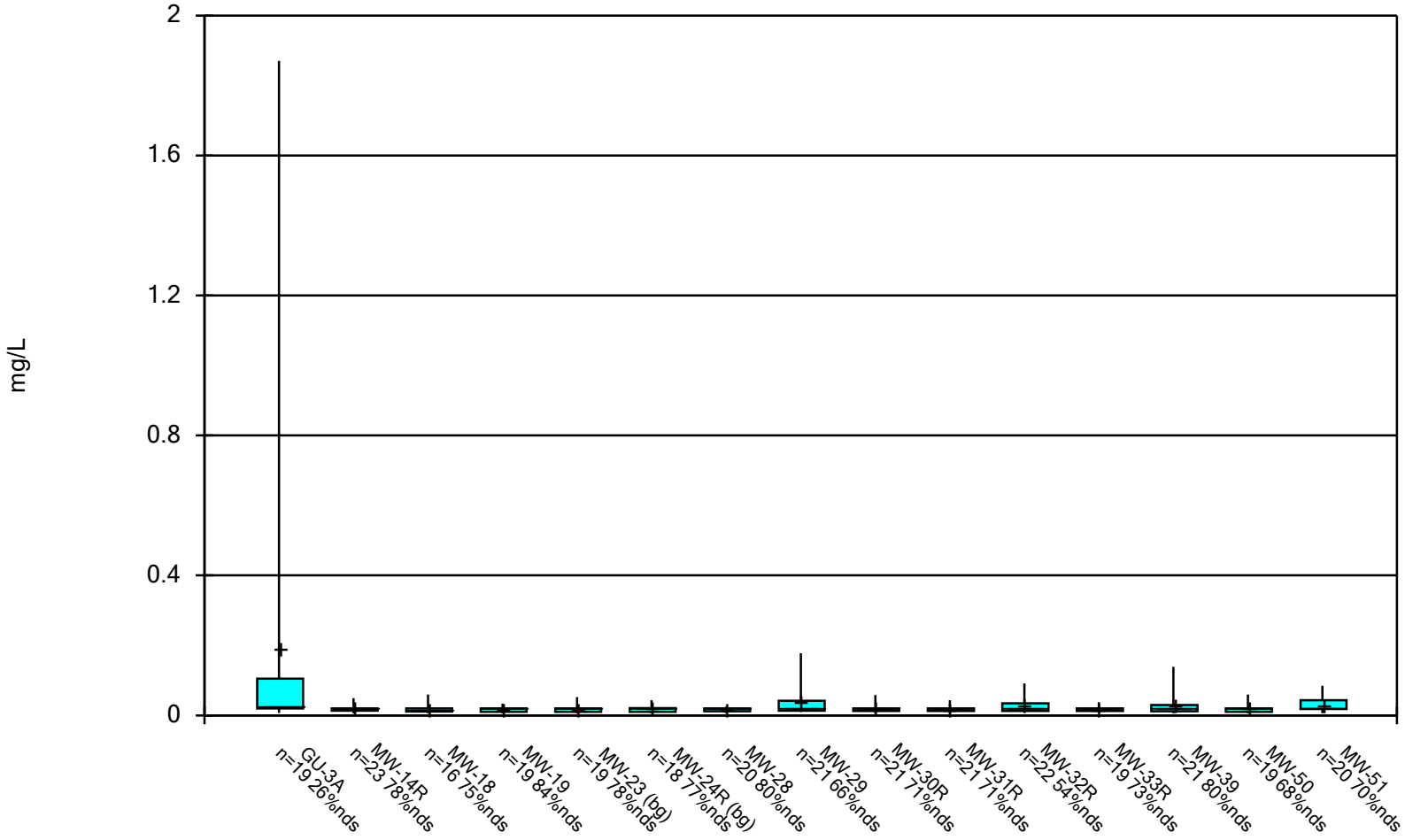


Constituent: Xylenes, total Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time Series_

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

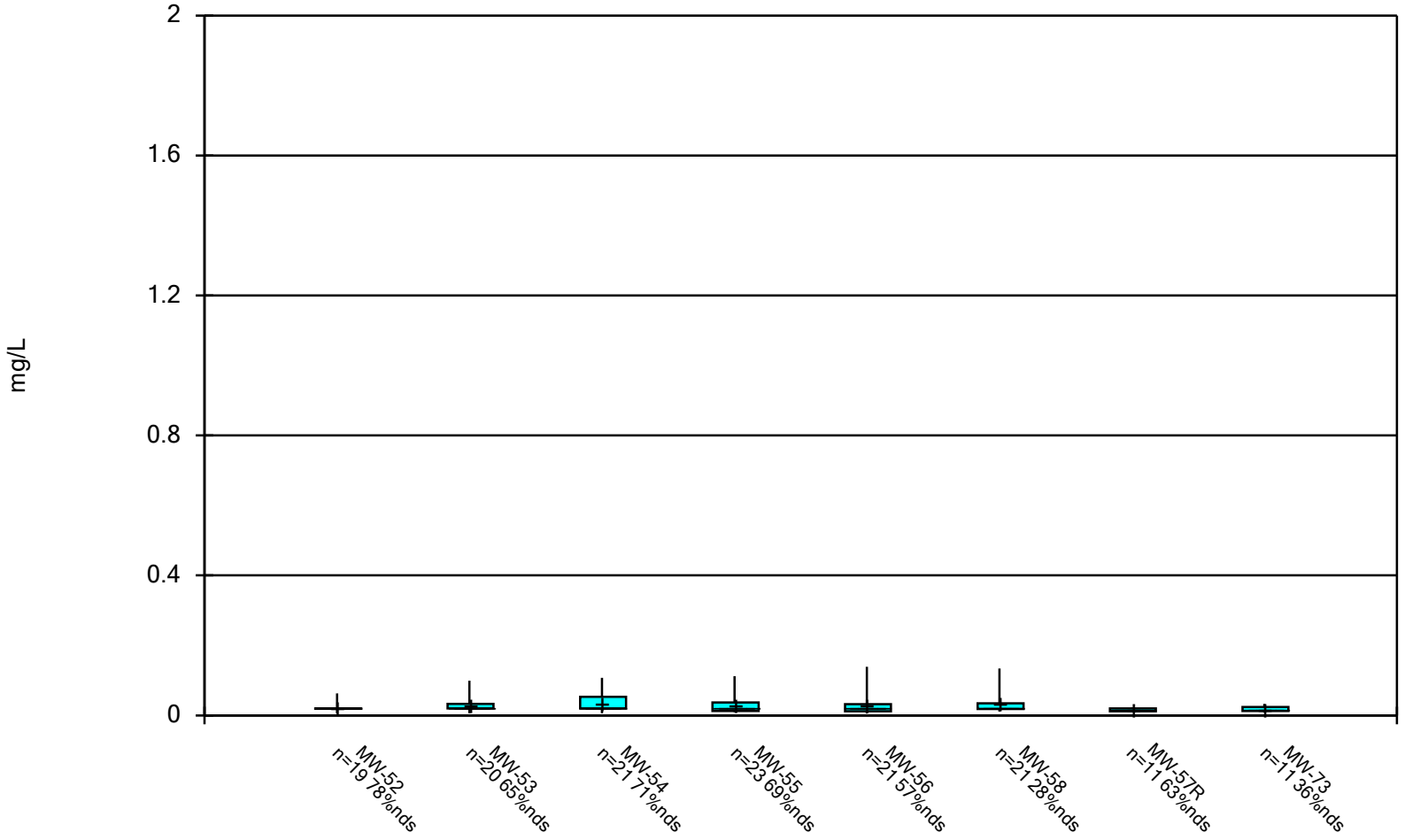


Constituent: Zinc Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time Series_Box Plots

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: Zinc Analysis Run 4/29/2026 2:27 PM View: 2_Descriptive Statistics - Time Series_Box Plots

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
1,1-Dichloroethane (ug/L)	GU-3A	19	0.8453	0.31	0.07113	1	1	1	0.22	1	100
1,1-Dichloroethane (ug/L)	MW-14R	22	2.07	2.126	0.4533	1.045	1	2.86	0.426	8.63	31.82
1,1-Dichloroethane (ug/L)	MW-18	17	0.8271	0.3237	0.07851	1	0.7	1	0.22	1	100
1,1-Dichloroethane (ug/L)	MW-19	22	0.8664	0.2921	0.06229	1	1	1	0.22	1	100
1,1-Dichloroethane (ug/L)	MW-23 (bg)	8	0.6325	0.3973	0.1405	0.7	0.22	1	0.22	1	100
1,1-Dichloroethane (ug/L)	MW-24R (bg)	10	0.706	0.3831	0.1211	1	0.22	1	0.22	1	100
1,1-Dichloroethane (ug/L)	MW-28	22	0.8664	0.2921	0.06229	1	1	1	0.22	1	100
1,1-Dichloroethane (ug/L)	MW-29	21	3.907	1.076	0.2349	3.79	3.26	4.485	1.78	6.31	0
1,1-Dichloroethane (ug/L)	MW-30R	22	4.935	1.307	0.2787	5.025	4.095	6.02	1.65	7.26	0
1,1-Dichloroethane (ug/L)	MW-31R	17	0.8729	0.2853	0.0692	1	1	1	0.22	1	100
1,1-Dichloroethane (ug/L)	MW-32R	17	0.8729	0.2853	0.0692	1	1	1	0.22	1	100
1,1-Dichloroethane (ug/L)	MW-33R	22	0.8664	0.2921	0.06229	1	1	1	0.22	1	100
1,1-Dichloroethane (ug/L)	MW-39	19	0.8453	0.31	0.07113	1	1	1	0.22	1	100
1,1-Dichloroethane (ug/L)	MW-50	19	0.9589	0.1789	0.04105	1	1	1	0.22	1	100
1,1-Dichloroethane (ug/L)	MW-51	20	0.9041	0.2849	0.06371	1	0.701	1.12	0.22	1.3	25
1,1-Dichloroethane (ug/L)	MW-52	20	0.961	0.1744	0.039	1	1	1	0.22	1	100
1,1-Dichloroethane (ug/L)	MW-53	20	0.7744	0.3656	0.08175	1	0.385	1	0.22	1.52	45
1,1-Dichloroethane (ug/L)	MW-54	20	0.961	0.1744	0.039	1	1	1	0.22	1	100
1,1-Dichloroethane (ug/L)	MW-55	22	0.8664	0.2921	0.06229	1	1	1	0.22	1	100
1,1-Dichloroethane (ug/L)	MW-56	21	0.8249	0.3229	0.07047	1	0.7	1	0.22	1	95.24
1,1-Dichloroethane (ug/L)	MW-58	21	0.8176	0.3075	0.06709	1	0.555	1	0.22	1	90.48
1,1-Dichloroethane (ug/L)	MW-68	6	0.801	0.393	0.1604	0.8325	0.399	1.172	0.22	1.39	16.67
1,1-Dichloroethane (ug/L)	MW-69	6	1.345	0.2447	0.09989	1.28	1.18	1.575	1.11	1.82	0
1,1-Dichloroethane (ug/L)	MW-70	6	0.51	0.3859	0.1575	0.31	0.22	1	0.22	1	100
1,1-Dichloroethane (ug/L)	PZ-13	6	0.5193	0.3781	0.1544	0.338	0.22	1	0.22	1	83.33
1,1-Dichloroethane (ug/L)	MW-57R	11	0.5619	0.3443	0.1038	0.4	0.239	1	0.22	1	54.55
1,1-Dichloroethane (ug/L)	MW-73	11	0.52	0.3842	0.1158	0.22	0.22	1	0.22	1	100
1,1-Dichloroethene (ug/L)	GU-3A	19	1.692	0.614	0.1409	2	2	2	0.46	2	100
1,1-Dichloroethene (ug/L)	MW-14R	23	1.745	0.5681	0.1184	2	2	2	0.46	2	100
1,1-Dichloroethene (ug/L)	MW-18	17	1.655	0.6409	0.1554	2	1.28	2	0.46	2	100
1,1-Dichloroethene (ug/L)	MW-19	22	1.734	0.5786	0.1234	2	2	2	0.46	2	100
1,1-Dichloroethene (ug/L)	MW-23 (bg)	8	1.268	0.7838	0.2771	1.28	0.56	2	0.46	2	100
1,1-Dichloroethene (ug/L)	MW-24R (bg)	10	1.414	0.7571	0.2394	2	0.56	2	0.46	2	100
1,1-Dichloroethene (ug/L)	MW-28	22	1.734	0.5786	0.1234	2	2	2	0.46	2	100
1,1-Dichloroethene (ug/L)	MW-29	23	1.745	0.5681	0.1184	2	2	2	0.46	2	100
1,1-Dichloroethene (ug/L)	MW-30R	24	1.46	0.785	0.1602	2	0.56	2	0.197	2	83.33
1,1-Dichloroethene (ug/L)	MW-31R	19	1.767	0.5523	0.1267	2	2	2	0.46	2	100
1,1-Dichloroethene (ug/L)	MW-32R	19	1.767	0.5523	0.1267	2	2	2	0.46	2	100
1,1-Dichloroethene (ug/L)	MW-33R	24	1.756	0.558	0.1139	2	2	2	0.46	2	100
1,1-Dichloroethene (ug/L)	MW-39	19	1.692	0.614	0.1409	2	2	2	0.46	2	100
1,1-Dichloroethene (ug/L)	MW-50	19	1.924	0.3304	0.07579	2	2	2	0.56	2	100
1,1-Dichloroethene (ug/L)	MW-51	20	1.928	0.322	0.072	2	2	2	0.56	2	100
1,1-Dichloroethene (ug/L)	MW-52	22	1.935	0.307	0.06545	2	2	2	0.56	2	100
1,1-Dichloroethene (ug/L)	MW-53	21	1.931	0.3142	0.06857	2	2	2	0.56	2	100
1,1-Dichloroethene (ug/L)	MW-54	22	1.935	0.307	0.06545	2	2	2	0.56	2	100
1,1-Dichloroethene (ug/L)	MW-55	22	1.734	0.5786	0.1234	2	2	2	0.46	2	100
1,1-Dichloroethene (ug/L)	MW-56	21	1.721	0.5898	0.1287	2	2	2	0.46	2	100
1,1-Dichloroethene (ug/L)	MW-58	22	1.734	0.5786	0.1234	2	2	2	0.46	2	100
1,1-Dichloroethene (ug/L)	MW-68	13	1.549	0.7042	0.1953	2	0.56	2	0.46	2	100
1,1-Dichloroethene (ug/L)	MW-69	14	1.581	0.6872	0.1837	2	0.56	2	0.46	2	100

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
1,1-Dichloroethene (ug/L)	MW-70	11	1.467	0.7396	0.223	2	0.56	2	0.46	2	100
1,1-Dichloroethene (ug/L)	PZ-13	14	1.581	0.6872	0.1837	2	0.56	2	0.46	2	100
1,1-Dichloroethene (ug/L)	MW-57R	11	1.075	0.7343	0.2214	0.56	0.56	2	0.46	2	100
1,1-Dichloroethene (ug/L)	MW-73	11	1.075	0.7343	0.2214	0.56	0.56	2	0.46	2	100
1,2-Dichloroethane (ug/L)	GU-3A	18	0.8922	0.2325	0.05481	1	0.945	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-14R	23	0.9157	0.2094	0.04367	1	1	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-18	17	0.8859	0.2381	0.05775	1	0.945	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-19	22	0.9118	0.2135	0.04552	1	1	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-23 (bg)	8	0.7575	0.3066	0.1084	0.945	0.39	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-24R (bg)	10	0.806	0.2891	0.09141	1	0.39	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-28	22	0.9118	0.2135	0.04552	1	1	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-29	23	0.7057	0.2859	0.05961	0.68	0.395	1	0.369	1	60.87
1,2-Dichloroethane (ug/L)	MW-30R	24	0.9192	0.2055	0.04195	1	1	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-31R	19	0.93	0.1919	0.04404	1	1	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-32R	19	0.93	0.1919	0.04404	1	1	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-33R	24	0.9192	0.2055	0.04195	1	1	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-39	19	0.8979	0.2273	0.05216	1	1	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-50	18	0.9661	0.1438	0.03389	1	1	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-51	19	0.9679	0.1399	0.03211	1	1	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-52	21	0.971	0.1331	0.02905	1	1	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-53	20	0.9695	0.1364	0.0305	1	1	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-54	21	0.971	0.1331	0.02905	1	1	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-55	21	0.9076	0.2179	0.04754	1	1	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-56	21	0.9076	0.2179	0.04754	1	1	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-58	21	0.9076	0.2179	0.04754	1	1	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-68	13	0.8508	0.2644	0.07333	1	0.64	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-69	14	0.8066	0.3031	0.08101	1	0.39	1	0.232	1	92.86
1,2-Dichloroethane (ug/L)	MW-70	11	0.8236	0.2804	0.08454	1	0.39	1	0.39	1	100
1,2-Dichloroethane (ug/L)	PZ-13	14	0.8614	0.2571	0.06872	1	0.64	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-57R	11	0.6573	0.3086	0.09306	0.39	0.39	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-73	11	0.6573	0.3086	0.09306	0.39	0.39	1	0.39	1	100
1,2-Dichloropropane (ug/L)	GU-3A	19	0.8521	0.2951	0.0677	1	1	1	0.27	1	100
1,2-Dichloropropane (ug/L)	MW-14R	22	0.8995	0.2516	0.05364	1	1	1	0.27	1.17	86.36
1,2-Dichloropropane (ug/L)	MW-18	17	0.8347	0.3081	0.07472	1	0.69	1	0.27	1	100
1,2-Dichloropropane (ug/L)	MW-19	22	0.8723	0.2781	0.05929	1	1	1	0.27	1	100
1,2-Dichloropropane (ug/L)	MW-23 (bg)	8	0.6488	0.3772	0.1334	0.69	0.27	1	0.27	1	100
1,2-Dichloropropane (ug/L)	MW-24R (bg)	10	0.719	0.3642	0.1152	1	0.27	1	0.27	1	100
1,2-Dichloropropane (ug/L)	MW-28	22	0.8723	0.2781	0.05929	1	1	1	0.27	1	100
1,2-Dichloropropane (ug/L)	MW-29	21	1.205	0.394	0.08597	1.09	0.885	1.55	0.583	2.01	0
1,2-Dichloropropane (ug/L)	MW-30R	22	0.8119	0.3156	0.06728	1	0.38	1	0.27	1	86.36
1,2-Dichloropropane (ug/L)	MW-31R	17	0.8776	0.2734	0.0663	1	1	1	0.27	1	100
1,2-Dichloropropane (ug/L)	MW-32R	17	0.8776	0.2734	0.0663	1	1	1	0.27	1	100
1,2-Dichloropropane (ug/L)	MW-33R	22	0.8723	0.2781	0.05929	1	1	1	0.27	1	100
1,2-Dichloropropane (ug/L)	MW-39	19	0.8521	0.2951	0.0677	1	1	1	0.27	1	100
1,2-Dichloropropane (ug/L)	MW-50	19	0.9616	0.1675	0.03842	1	1	1	0.27	1	100
1,2-Dichloropropane (ug/L)	MW-51	20	0.8446	0.2508	0.05607	1	0.567	1	0.27	1	75
1,2-Dichloropropane (ug/L)	MW-52	20	0.9635	0.1632	0.0365	1	1	1	0.27	1	100
1,2-Dichloropropane (ug/L)	MW-53	19	0.9616	0.1675	0.03842	1	1	1	0.27	1	100
1,2-Dichloropropane (ug/L)	MW-54	20	0.9635	0.1632	0.0365	1	1	1	0.27	1	100
1,2-Dichloropropane (ug/L)	MW-55	22	0.8723	0.2781	0.05929	1	1	1	0.27	1	100

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
1,2-Dichloropropane (ug/L)	MW-56	21	0.8662	0.2835	0.06186	1	1	1	0.27	1	100
1,2-Dichloropropane (ug/L)	MW-58	21	0.8662	0.2835	0.06186	1	1	1	0.27	1	100
1,2-Dichloropropane (ug/L)	MW-68	6	0.4177	0.2885	0.1178	0.293	0.27	0.69	0.27	1	83.33
1,2-Dichloropropane (ug/L)	MW-69	6	0.4217	0.1132	0.04622	0.398	0.3255	0.5415	0.27	0.61	16.67
1,2-Dichloropropane (ug/L)	MW-70	6	0.5317	0.3653	0.1491	0.325	0.27	1	0.27	1	100
1,2-Dichloropropane (ug/L)	PZ-13	6	0.5317	0.3653	0.1491	0.325	0.27	1	0.27	1	100
1,2-Dichloropropane (ug/L)	MW-57R	11	0.5789	0.3412	0.1029	0.418	0.27	1	0.27	1	81.82
1,2-Dichloropropane (ug/L)	MW-73	11	0.5455	0.3618	0.1091	0.27	0.27	1	0.27	1	100
1,4-Dichlorobenzene (ug/L)	GU-3A	18	0.8433	0.3065	0.07224	1	0.745	1	0.23	1	100
1,4-Dichlorobenzene (ug/L)	MW-14R	22	0.9173	0.3709	0.07907	1	1	1	0.23	2	100
1,4-Dichlorobenzene (ug/L)	MW-18	17	0.8341	0.3134	0.076	1	0.745	1	0.23	1	100
1,4-Dichlorobenzene (ug/L)	MW-19	22	0.9173	0.3709	0.07907	1	1	1	0.23	2	100
1,4-Dichlorobenzene (ug/L)	MW-23 (bg)	8	0.6475	0.3863	0.1366	0.745	0.23	1	0.23	1	100
1,4-Dichlorobenzene (ug/L)	MW-24R (bg)	10	0.718	0.3717	0.1175	1	0.23	1	0.23	1	100
1,4-Dichlorobenzene (ug/L)	MW-28	22	1.054	0.7552	0.161	1	1	1	0.23	4	100
1,4-Dichlorobenzene (ug/L)	MW-29	20	7.773	1.893	0.4232	7.385	6.32	8.43	5.61	13.1	0
1,4-Dichlorobenzene (ug/L)	MW-30R	22	0.8718	0.2826	0.06025	1	1	1	0.23	1	100
1,4-Dichlorobenzene (ug/L)	MW-31R	17	0.8794	0.2737	0.06638	1	1	1	0.23	1	100
1,4-Dichlorobenzene (ug/L)	MW-32R	17	0.8794	0.2737	0.06638	1	1	1	0.23	1	100
1,4-Dichlorobenzene (ug/L)	MW-33R	22	1.054	0.7552	0.161	1	1	1	0.23	4	100
1,4-Dichlorobenzene (ug/L)	MW-39	19	0.9042	0.3989	0.09152	1	1	1	0.23	2	100
1,4-Dichlorobenzene (ug/L)	MW-50	19	1.012	0.2972	0.06819	1	1	1	0.23	2	100
1,4-Dichlorobenzene (ug/L)	MW-51	20	1.012	0.2893	0.06469	1	1	1	0.23	2	100
1,4-Dichlorobenzene (ug/L)	MW-52	20	1.162	0.7281	0.1628	1	1	1	0.23	4	100
1,4-Dichlorobenzene (ug/L)	MW-53	20	2.348	0.7993	0.1787	2.58	1.805	2.89	1	3.33	20
1,4-Dichlorobenzene (ug/L)	MW-54	20	1.212	0.7504	0.1678	1	1	1	0.23	4	100
1,4-Dichlorobenzene (ug/L)	MW-55	22	0.9173	0.3709	0.07907	1	1	1	0.23	2	100
1,4-Dichlorobenzene (ug/L)	MW-56	21	0.9133	0.3795	0.08282	1	1	1	0.23	2	100
1,4-Dichlorobenzene (ug/L)	MW-58	21	0.9133	0.3795	0.08282	1	1	1	0.23	2	100
1,4-Dichlorobenzene (ug/L)	MW-68	6	0.53	0.3777	0.1542	0.36	0.23	1	0.23	1	100
1,4-Dichlorobenzene (ug/L)	MW-69	6	0.53	0.3777	0.1542	0.36	0.23	1	0.23	1	100
1,4-Dichlorobenzene (ug/L)	MW-70	6	0.53	0.3777	0.1542	0.36	0.23	1	0.23	1	100
1,4-Dichlorobenzene (ug/L)	PZ-13	6	0.53	0.3777	0.1542	0.36	0.23	1	0.23	1	100
1,4-Dichlorobenzene (ug/L)	MW-57R	11	0.5336	0.3775	0.1138	0.23	0.23	1	0.23	1	100
1,4-Dichlorobenzene (ug/L)	MW-73	11	0.5336	0.3775	0.1138	0.23	0.23	1	0.23	1	100
2-Butanone [MEK] (ug/L)	GU-3A	18	8.369	6.27	1.478	10	2.1	10	1.32	28.3	83.33
2-Butanone [MEK] (ug/L)	MW-14R	22	8.623	3	0.6397	10	10	10	2.1	10	100
2-Butanone [MEK] (ug/L)	MW-18	17	8.218	3.324	0.8062	10	6.7	10	2.1	10	100
2-Butanone [MEK] (ug/L)	MW-19	22	8.623	3	0.6397	10	10	10	2.1	10	100
2-Butanone [MEK] (ug/L)	MW-23 (bg)	8	6.212	4.071	1.439	6.7	2.1	10	2.1	10	100
2-Butanone [MEK] (ug/L)	MW-24R (bg)	10	6.97	3.93	1.243	10	2.1	10	2.1	10	100
2-Butanone [MEK] (ug/L)	MW-28	22	8.623	3	0.6397	10	10	10	2.1	10	100
2-Butanone [MEK] (ug/L)	MW-29	21	7.877	3.458	0.7546	10	3.495	10	2.1	10	90.48
2-Butanone [MEK] (ug/L)	MW-30R	22	8.623	3	0.6397	10	10	10	2.1	10	100
2-Butanone [MEK] (ug/L)	MW-31R	17	8.682	2.946	0.7145	10	10	10	2.1	10	100
2-Butanone [MEK] (ug/L)	MW-32R	17	8.682	2.946	0.7145	10	10	10	2.1	10	100
2-Butanone [MEK] (ug/L)	MW-33R	22	8.623	3	0.6397	10	10	10	2.1	10	100
2-Butanone [MEK] (ug/L)	MW-39	19	7.922	3.598	0.8255	10	3.4	10	0.819	10	94.74
2-Butanone [MEK] (ug/L)	MW-50	19	9.584	1.812	0.4158	10	10	10	2.1	10	100
2-Butanone [MEK] (ug/L)	MW-51	20	9.605	1.766	0.395	10	10	10	2.1	10	100

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
2-Butanone [MEK] (ug/L)	MW-52	20	9.605	1.766	0.395	10	10	10	2.1	10	100
2-Butanone [MEK] (ug/L)	MW-53	19	9.167	2.496	0.5725	10	10	10	2.07	10	94.74
2-Butanone [MEK] (ug/L)	MW-54	20	9.201	2.459	0.5499	10	10	10	1.92	10	95
2-Butanone [MEK] (ug/L)	MW-55	22	8.623	3	0.6397	10	10	10	2.1	10	100
2-Butanone [MEK] (ug/L)	MW-56	21	8.348	3.105	0.6776	10	7.8	10	2.1	10	95.24
2-Butanone [MEK] (ug/L)	MW-58	21	8.557	3.058	0.6674	10	10	10	2.1	10	100
2-Butanone [MEK] (ug/L)	MW-68	6	4.95	3.944	1.61	2.75	2.1	10	2.1	10	100
2-Butanone [MEK] (ug/L)	MW-69	6	4.95	3.944	1.61	2.75	2.1	10	2.1	10	100
2-Butanone [MEK] (ug/L)	MW-70	6	4.95	3.944	1.61	2.75	2.1	10	2.1	10	100
2-Butanone [MEK] (ug/L)	PZ-13	6	4.95	3.944	1.61	2.75	2.1	10	2.1	10	100
2-Butanone [MEK] (ug/L)	MW-57R	11	5.091	3.911	1.179	2.1	2.1	10	2.1	10	100
2-Butanone [MEK] (ug/L)	MW-73	11	5.091	3.911	1.179	2.1	2.1	10	2.1	10	100
4,4`-DDD (ug/L)	MW-14R	3	0.029	0.005635	0.003253	0.032	0.0225	0.0325	0.0225	0.0325	100
4,4`-DDD (ug/L)	MW-18	3	0.03083	0.007087	0.004092	0.0327	0.023	0.0368	0.023	0.0368	100
4,4`-DDD (ug/L)	MW-19	3	0.03307	0.0101	0.005831	0.033	0.023	0.0432	0.023	0.0432	100
4,4`-DDD (ug/L)	MW-28	3	0.03067	0.006964	0.004021	0.0337	0.0227	0.0356	0.0227	0.0356	100
4,4`-DDD (ug/L)	MW-29	12	0.03101	0.01578	0.004555	0.03235	0.02445	0.03515	0.00422	0.0615	58.33
4,4`-DDD (ug/L)	MW-30R	4	0.02905	0.005944	0.002972	0.02935	0.02415	0.03395	0.0223	0.0352	100
4,4`-DDD (ug/L)	MW-31R	3	0.03057	0.007012	0.004048	0.034	0.0225	0.0352	0.0225	0.0352	100
4,4`-DDD (ug/L)	MW-32R	3	0.02963	0.005573	0.003218	0.0327	0.0232	0.033	0.0232	0.033	100
4,4`-DDD (ug/L)	MW-33R	3	0.03173	0.008351	0.004822	0.0328	0.0229	0.0395	0.0229	0.0395	100
4,4`-DDD (ug/L)	MW-39	3	0.0292	0.006011	0.00347	0.032	0.0223	0.0333	0.0223	0.0333	100
4,4`-DDD (ug/L)	MW-50	2	0.03335	0.000495	0.00035	0.03335	0.03335	0.03335	0.033	0.0337	100
4,4`-DDD (ug/L)	MW-51	2	0.03405	0.001061	0.00075	0.03405	0.03405	0.03405	0.0333	0.0348	100
4,4`-DDD (ug/L)	MW-52	2	0.0333	0	0	0.0333	0.0333	0.0333	0.0333	0.0333	100
4,4`-DDD (ug/L)	MW-53	2	0.03425	0.001344	0.00095	0.03425	0.03425	0.03425	0.0333	0.0352	100
4,4`-DDD (ug/L)	MW-54	2	0.03445	0.001626	0.00115	0.03445	0.03445	0.03445	0.0333	0.0356	100
4,4`-DDD (ug/L)	MW-55	3	0.02993	0.006549	0.003781	0.032	0.0226	0.0352	0.0226	0.0352	100
4,4`-DDD (ug/L)	MW-56	3	0.01906	0.01586	0.009155	0.0219	0.00197	0.0333	0.00197	0.0333	66.67
4,4`-DDD (ug/L)	MW-58	6	0.03562	0.0146	0.005959	0.03315	0.0247	0.049	0.0229	0.064	100
4,4`-DDD (ug/L)	MW-57R	2	0.02255	0.0007778	0.00055	0.02255	0.02255	0.02255	0.022	0.0231	100
4,4`-DDE (ug/L)	MW-14R	3	0.0305	0.003041	0.001756	0.032	0.027	0.0325	0.027	0.0325	100
4,4`-DDE (ug/L)	MW-18	4	0.02508	0.01545	0.007725	0.03045	0.0151	0.03505	0.00261	0.0368	75
4,4`-DDE (ug/L)	MW-19	3	0.0346	0.007922	0.004574	0.033	0.0276	0.0432	0.0276	0.0432	100
4,4`-DDE (ug/L)	MW-28	3	0.03217	0.004405	0.002543	0.0337	0.0272	0.0356	0.0272	0.0356	100
4,4`-DDE (ug/L)	MW-29	7	0.02851	0.01842	0.006963	0.0281	0.00965	0.0352	0.0059	0.0615	71.43
4,4`-DDE (ug/L)	MW-30R	4	0.03015	0.004514	0.002257	0.0297	0.02635	0.03395	0.026	0.0352	100
4,4`-DDE (ug/L)	MW-31R	3	0.03207	0.004429	0.002557	0.034	0.027	0.0352	0.027	0.0352	100
4,4`-DDE (ug/L)	MW-32R	3	0.0312	0.002862	0.001652	0.0327	0.0279	0.033	0.0279	0.033	100
4,4`-DDE (ug/L)	MW-33R	3	0.03327	0.006014	0.003472	0.0328	0.0275	0.0395	0.0275	0.0395	100
4,4`-DDE (ug/L)	MW-39	3	0.03067	0.003496	0.002019	0.032	0.0267	0.0333	0.0267	0.0333	100
4,4`-DDE (ug/L)	MW-50	2	0.03335	0.000495	0.00035	0.03335	0.03335	0.03335	0.033	0.0337	100
4,4`-DDE (ug/L)	MW-51	2	0.03405	0.001061	0.00075	0.03405	0.03405	0.03405	0.0333	0.0348	100
4,4`-DDE (ug/L)	MW-52	2	0.0333	0	0	0.0333	0.0333	0.0333	0.0333	0.0333	100
4,4`-DDE (ug/L)	MW-53	2	0.03425	0.001344	0.00095	0.03425	0.03425	0.03425	0.0333	0.0352	100
4,4`-DDE (ug/L)	MW-54	2	0.01901	0.02021	0.01429	0.01901	0.01901	0.01901	0.00472	0.0333	50
4,4`-DDE (ug/L)	MW-55	3	0.02067	0.01557	0.008992	0.0271	0.00291	0.032	0.00291	0.032	66.67
4,4`-DDE (ug/L)	MW-56	3	0.03097	0.004041	0.002333	0.0333	0.0263	0.0333	0.0263	0.0333	100
4,4`-DDE (ug/L)	MW-58	3	0.0315	0.0035	0.002021	0.033	0.0275	0.034	0.0275	0.034	100
4,4`-DDE (ug/L)	MW-57R	2	0.0271	0.0009899	0.0007	0.0271	0.0271	0.0271	0.0264	0.0278	100

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Acetone (ug/L)	GU-3A	18	8.659	5.948	1.402	10	3.34	10	3.1	24.5	61.11
Acetone (ug/L)	MW-14R	22	9.102	4.343	0.926	10	6.9	10	3.1	23.75	90.91
Acetone (ug/L)	MW-18	17	8.418	2.944	0.7141	10	6.9	10	3.1	10	100
Acetone (ug/L)	MW-19	22	9.136	3.29	0.7014	10	10	10	3.1	17.9	95.45
Acetone (ug/L)	MW-23 (bg)	8	5.279	3.002	1.061	3.82	3.1	7.645	3.1	10	75
Acetone (ug/L)	MW-24R (bg)	10	7.31	3.479	1.1	10	3.1	10	3.1	10	100
Acetone (ug/L)	MW-28	22	8.777	2.658	0.5667	10	10	10	3.1	10	100
Acetone (ug/L)	MW-29	21	6.978	3.315	0.7234	10	3.715	10	2.09	10	61.9
Acetone (ug/L)	MW-30R	22	8.151	3.106	0.6622	10	3.92	10	2.19	10	90.91
Acetone (ug/L)	MW-31R	16	8.048	3.06	0.7651	10	4.857	10	2.85	10	87.5
Acetone (ug/L)	MW-32R	17	8.442	2.899	0.7031	10	6.9	10	3.1	10	94.12
Acetone (ug/L)	MW-33R	21	7.769	3.315	0.7235	10	3.45	10	1.83	10	85.71
Acetone (ug/L)	MW-39	18	9.061	3.951	0.9313	10	6.9	10	3.1	20	100
Acetone (ug/L)	MW-50	19	8.884	2.653	0.6087	10	10	10	2.39	10	89.47
Acetone (ug/L)	MW-51	20	9.284	1.851	0.4139	10	10	10	3.1	10	90
Acetone (ug/L)	MW-52	20	8.588	2.904	0.6494	10	10	10	2.2	10	85
Acetone (ug/L)	MW-53	19	8.722	2.56	0.5874	10	10	10	3.1	10	84.21
Acetone (ug/L)	MW-54	19	9.048	2.343	0.5375	10	10	10	2.7	10	89.47
Acetone (ug/L)	MW-55	21	8.37	2.992	0.653	10	6.9	10	2.68	10	95.24
Acetone (ug/L)	MW-56	21	10.62	7.971	1.739	10	10	10	3.1	42.2	90.48
Acetone (ug/L)	MW-58	20	8.488	3.001	0.671	10	7.27	10	3.1	12.2	85
Acetone (ug/L)	MW-68	6	5.517	3.483	1.422	3.45	3.1	10	3.1	10	100
Acetone (ug/L)	MW-69	6	5.517	3.483	1.422	3.45	3.1	10	3.1	10	100
Acetone (ug/L)	MW-70	6	5.517	3.483	1.422	3.45	3.1	10	3.1	10	100
Acetone (ug/L)	PZ-13	6	5.517	3.483	1.422	3.45	3.1	10	3.1	10	100
Acetone (ug/L)	MW-57R	11	5.095	3.158	0.9521	3.24	3.1	10	3.1	10	81.82
Acetone (ug/L)	MW-73	11	5.673	3.437	1.036	3.1	3.1	10	3.1	10	100
Aldrin (ug/L)	MW-14R	3	0.0281	0.007192	0.004153	0.032	0.0198	0.0325	0.0198	0.0325	100
Aldrin (ug/L)	MW-18	7	0.02696	0.01747	0.006602	0.0233	0.0105	0.0368	0.00829	0.0593	57.14
Aldrin (ug/L)	MW-19	3	0.03217	0.01147	0.006624	0.033	0.0203	0.0432	0.0203	0.0432	100
Aldrin (ug/L)	MW-28	3	0.02973	0.008569	0.004947	0.0337	0.0199	0.0356	0.0199	0.0356	100
Aldrin (ug/L)	MW-29	10	0.02716	0.01276	0.004036	0.032	0.0142	0.03325	0.00579	0.0481	50
Aldrin (ug/L)	MW-30R	4	0.02957	0.00689	0.003445	0.03175	0.0252	0.03395	0.0196	0.0352	100
Aldrin (ug/L)	MW-31R	3	0.02967	0.008566	0.004945	0.034	0.0198	0.0352	0.0198	0.0352	100
Aldrin (ug/L)	MW-32R	3	0.0287	0.00719	0.004151	0.0327	0.0204	0.033	0.0204	0.033	100
Aldrin (ug/L)	MW-33R	3	0.03083	0.009799	0.005658	0.0328	0.0202	0.0395	0.0202	0.0395	100
Aldrin (ug/L)	MW-39	3	0.0283	0.007562	0.004366	0.032	0.0196	0.0333	0.0196	0.0333	100
Aldrin (ug/L)	MW-50	2	0.03335	0.000495	0.00035	0.03335	0.03335	0.03335	0.033	0.0337	100
Aldrin (ug/L)	MW-51	2	0.03405	0.001061	0.00075	0.03405	0.03405	0.03405	0.0333	0.0348	100
Aldrin (ug/L)	MW-52	2	0.0333	0	0	0.0333	0.0333	0.0333	0.0333	0.0333	100
Aldrin (ug/L)	MW-53	2	0.03425	0.001344	0.00095	0.03425	0.03425	0.03425	0.0333	0.0352	100
Aldrin (ug/L)	MW-54	2	0.03445	0.001626	0.00115	0.03445	0.03445	0.03445	0.0333	0.0356	100
Aldrin (ug/L)	MW-55	3	0.02903	0.00807	0.004659	0.032	0.0199	0.0352	0.0199	0.0352	100
Aldrin (ug/L)	MW-56	3	0.02863	0.008083	0.004667	0.0333	0.0193	0.0333	0.0193	0.0333	100
Aldrin (ug/L)	MW-58	3	0.02907	0.007695	0.004443	0.033	0.0202	0.034	0.0202	0.034	100
Aldrin (ug/L)	MW-57R	2	0.0199	0.0007071	0.0005	0.0199	0.0199	0.0199	0.0194	0.0204	100
Alpha-BHC (ug/L)	MW-14R	3	0.0245	0.01343	0.007751	0.032	0.009	0.0325	0.009	0.0325	100
Alpha-BHC (ug/L)	MW-18	3	0.0155	0.01508	0.008705	0.00921	0.00458	0.0327	0.00458	0.0327	66.67
Alpha-BHC (ug/L)	MW-19	3	0.02847	0.01744	0.01007	0.033	0.00921	0.0432	0.00921	0.0432	100
Alpha-BHC (ug/L)	MW-28	3	0.02612	0.0148	0.008544	0.0337	0.00907	0.0356	0.00907	0.0356	100

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Alpha-BHC (ug/L)	MW-29	12	0.02352	0.01614	0.004658	0.02105	0.009735	0.0332	0.00619	0.0615	41.67
Alpha-BHC (ug/L)	MW-30R	4	0.02618	0.0119	0.005952	0.0303	0.0184	0.03395	0.00891	0.0352	100
Alpha-BHC (ug/L)	MW-31R	3	0.02607	0.01479	0.00854	0.034	0.009	0.0352	0.009	0.0352	100
Alpha-BHC (ug/L)	MW-32R	3	0.02499	0.01361	0.007857	0.0327	0.00928	0.033	0.00928	0.033	100
Alpha-BHC (ug/L)	MW-33R	3	0.02715	0.01594	0.009202	0.0328	0.00916	0.0395	0.00916	0.0395	100
Alpha-BHC (ug/L)	MW-39	3	0.02474	0.01372	0.007922	0.032	0.00891	0.0333	0.00891	0.0333	100
Alpha-BHC (ug/L)	MW-50	2	0.03335	0.000495	0.00035	0.03335	0.03335	0.03335	0.033	0.0337	100
Alpha-BHC (ug/L)	MW-51	2	0.01865	0.02284	0.01615	0.01865	0.01865	0.01865	0.0025	0.0348	50
Alpha-BHC (ug/L)	MW-52	2	0.0333	0	0	0.0333	0.0333	0.0333	0.0333	0.0333	100
Alpha-BHC (ug/L)	MW-53	2	0.03425	0.001344	0.00095	0.03425	0.03425	0.03425	0.0333	0.0352	100
Alpha-BHC (ug/L)	MW-54	2	0.01863	0.02075	0.01468	0.01863	0.01863	0.01863	0.00395	0.0333	50
Alpha-BHC (ug/L)	MW-55	3	0.02541	0.01427	0.008239	0.032	0.00904	0.0352	0.00904	0.0352	100
Alpha-BHC (ug/L)	MW-56	3	0.02512	0.01417	0.008183	0.0333	0.00875	0.0333	0.00875	0.0333	100
Alpha-BHC (ug/L)	MW-58	7	0.02065	0.0229	0.008654	0.00916	0.0031	0.0333	0.00188	0.064	57.14
Alpha-BHC (ug/L)	MW-57R	2	0.00904	0.0003111	0.00022	0.00904	0.00904	0.00904	0.00882	0.00926	100
Alpha-Chlordane (ug/L)	MW-29	7	0.04124	0.0261	0.009866	0.032	0.032	0.0747	0.0068	0.0792	71.43
Alpha-Chlordane (ug/L)	MW-39	1	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
Ammonia as N (mg/L)	SW-101	9	0.3492	0.1491	0.04969	0.321	0.21	0.5	0.16	0.5	77.78
Ammonia as N (mg/L)	SW-102	8	0.352	0.1596	0.05642	0.368	0.21	0.5	0.16	0.5	87.5
Ammonia as N (mg/L)	SW-103	9	0.3806	0.1639	0.05464	0.5	0.211	0.5	0.16	0.577	66.67
Ammonia as N (mg/L)	SW-104	6	0.345	0.1706	0.06965	0.355	0.18	0.5	0.16	0.5	83.33
Ammonia as N (mg/L)	SW-105	6	0.3628	0.1794	0.07323	0.3685	0.185	0.535	0.16	0.57	66.67
Ammonia as N (mg/L)	SW-106	9	0.3721	0.1541	0.05136	0.5	0.21	0.5	0.16	0.5	88.89
Ammonia as N (mg/L)	SW-107	9	0.3789	0.1494	0.04979	0.5	0.215	0.5	0.16	0.5	88.89
Antimony (mg/L)	GU-3A	18	0.003302	0.002743	0.0006465	0.002	0.001	0.006	0.000341	0.00838	72.22
Antimony (mg/L)	MW-14R	20	0.0036	0.002479	0.0005544	0.004	0.001	0.006	0.001	0.006	100
Antimony (mg/L)	MW-18	17	0.002588	0.002293	0.0005561	0.001	0.001	0.006	0.001	0.006	100
Antimony (mg/L)	MW-19	22	0.003364	0.002479	0.0005286	0.002	0.001	0.006	0.001	0.006	100
Antimony (mg/L)	MW-23 (bg)	17	0.003176	0.002455	0.0005955	0.002	0.001	0.006	0.001	0.006	100
Antimony (mg/L)	MW-24R (bg)	15	0.0028	0.002366	0.000611	0.001	0.001	0.006	0.001	0.006	100
Antimony (mg/L)	MW-28	22	0.003364	0.002479	0.0005286	0.002	0.001	0.006	0.001	0.006	100
Antimony (mg/L)	MW-29	19	0.004105	0.003619	0.0008303	0.002	0.001	0.006	0.001	0.012	100
Antimony (mg/L)	MW-30R	20	0.0042	0.003548	0.0007934	0.004	0.001	0.006	0.001	0.012	100
Antimony (mg/L)	MW-31R	20	0.0036	0.002479	0.0005544	0.004	0.001	0.006	0.001	0.006	100
Antimony (mg/L)	MW-32R	20	0.00381	0.002844	0.000636	0.004	0.001	0.006	0.001	0.0102	95
Antimony (mg/L)	MW-33R	22	0.003909	0.003504	0.000747	0.002	0.001	0.006	0.001	0.012	100
Antimony (mg/L)	MW-39	19	0.003789	0.003119	0.0007157	0.002	0.001	0.006	0.001	0.012	100
Antimony (mg/L)	MW-50	19	0.004153	0.003011	0.0006907	0.006	0.001	0.006	0.000903	0.012	94.74
Antimony (mg/L)	MW-51	20	0.004184	0.002927	0.0006545	0.005335	0.001	0.006	0.001	0.012	95
Antimony (mg/L)	MW-52	20	0.00428	0.002834	0.0006337	0.005	0.0015	0.006	0.001	0.012	95
Antimony (mg/L)	MW-53	17	0.003765	0.002306	0.0005592	0.004	0.001	0.006	0.001	0.006	100
Antimony (mg/L)	MW-54	20	0.00412	0.002945	0.0006585	0.00455	0.001	0.006	0.001	0.012	90
Antimony (mg/L)	MW-55	22	0.003409	0.00305	0.0006502	0.0015	0.001	0.006	0.001	0.012	100
Antimony (mg/L)	MW-56	21	0.003619	0.003025	0.00066	0.002	0.001	0.006	0.001	0.012	100
Antimony (mg/L)	MW-58	19	0.003768	0.003141	0.0007205	0.002	0.001	0.006	0.000599	0.012	94.74
Antimony (mg/L)	MW-57R	11	0.001216	0.0005174	0.000156	0.001	0.001	0.002	0.00069	0.002	100
Antimony (mg/L)	MW-73	10	0.001288	0.0005058	0.00016	0.001	0.001	0.002	0.00069	0.002	90
Arsenic (mg/L)	GU-3A	19	0.007722	0.01439	0.003301	0.00117	0.001	0.00565	0.00023	0.05068	36.84
Arsenic (mg/L)	MW-14R	24	0.009748	0.01092	0.00223	0.00669	0.00263	0.0131	0.0007435	0.0524	0
Arsenic (mg/L)	MW-18	17	0.001012	0.00053	0.0001285	0.001	0.0005855	0.00115	0.00029	0.002	58.82

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Arsenic (mg/L)	MW-19	22	0.001415	0.0006212	0.0001324	0.0015	0.001	0.002	0.00053	0.002	100
Arsenic (mg/L)	MW-23 (bg)	19	0.001424	0.0005825	0.0001336	0.00121	0.001	0.002	0.00053	0.002	89.47
Arsenic (mg/L)	MW-24R (bg)	17	0.001536	0.000661	0.0001603	0.002	0.000765	0.002	0.00053	0.002	100
Arsenic (mg/L)	MW-28	20	0.007413	0.001126	0.0002518	0.00727	0.00679	0.008395	0.00565	0.00982	0
Arsenic (mg/L)	MW-29	23	0.01968	0.01893	0.003947	0.0134	0.00904	0.0185	0.003	0.0684	4.348
Arsenic (mg/L)	MW-30R	24	0.02216	0.01058	0.00216	0.0188	0.01495	0.02875	0.00973	0.0444	0
Arsenic (mg/L)	MW-31R	24	0.004938	0.008729	0.001782	0.002	0.001	0.00281	0.000734	0.0364	58.33
Arsenic (mg/L)	MW-32R	23	0.001331	0.0005815	0.0001212	0.001	0.000931	0.002	0.00053	0.00248	56.52
Arsenic (mg/L)	MW-33R	24	0.01591	0.008883	0.001813	0.01195	0.00985	0.02125	0.00704	0.0443	0
Arsenic (mg/L)	MW-39	20	0.001855	0.001224	0.0002738	0.002	0.001	0.002	0.00053	0.006	70
Arsenic (mg/L)	MW-50	19	0.001819	0.001587	0.0003642	0.002	0.001	0.002	0.000729	0.008	89.47
Arsenic (mg/L)	MW-51	20	0.001673	0.0008355	0.0001868	0.002	0.001	0.002	0.00053	0.004	90
Arsenic (mg/L)	MW-52	23	0.06081	0.01868	0.003894	0.0565	0.0517	0.0696	0.0173	0.105	0
Arsenic (mg/L)	MW-53	21	0.001733	0.0008054	0.0001757	0.002	0.001	0.002	0.00053	0.004	95.24
Arsenic (mg/L)	MW-54	23	0.03025	0.01516	0.003161	0.027	0.0188	0.0401	0.012	0.0637	0
Arsenic (mg/L)	MW-55	23	0.00173	0.001386	0.000289	0.001	0.001	0.002	0.00053	0.00605	86.96
Arsenic (mg/L)	MW-56	21	0.01624	0.01576	0.003438	0.0124	0.00397	0.0247	0.001	0.0558	19.05
Arsenic (mg/L)	MW-58	22	0.02508	0.01198	0.002554	0.0254	0.01765	0.03445	0.00102	0.0489	0
Arsenic (mg/L)	MW-60	11	0.001465	0.0007417	0.0002236	0.002	0.00053	0.002	0.00053	0.002	100
Arsenic (mg/L)	MW-62	9	0.001206	0.0004625	0.0001542	0.0012	0.000855	0.00154	0.00053	0.002	22.22
Arsenic (mg/L)	PZ-13	11	0.001419	0.0004471	0.0001348	0.00143	0.000984	0.0018	0.000787	0.00207	0
Arsenic (mg/L)	SW-101	9	0.004719	0.005896	0.001965	0.00236	0.001195	0.006785	0.00111	0.0184	0
Arsenic (mg/L)	SW-102	8	0.00256	0.001655	0.0005851	0.00186	0.001145	0.004185	0.00103	0.00507	0
Arsenic (mg/L)	SW-103	8	0.002001	0.001116	0.0003947	0.0017	0.00136	0.002295	0.000864	0.00443	25
Arsenic (mg/L)	SW-106	9	0.003426	0.003303	0.001101	0.00224	0.000942	0.005745	0.000848	0.00993	0
Arsenic (mg/L)	SW-107	9	0.002504	0.001915	0.0006383	0.00154	0.0009915	0.00377	0.000913	0.00646	0
Arsenic (mg/L)	MW-57R	11	0.004473	0.00196	0.000591	0.00504	0.0028	0.00587	0.00141	0.00724	0
Arsenic (mg/L)	MW-73	10	0.005881	0.001169	0.0003697	0.00623	0.004605	0.00699	0.00393	0.00713	0
Barium (mg/L)	GU-3A	17	0.1537	0.1049	0.02543	0.152	0.051	0.229	0.0213	0.363	0
Barium (mg/L)	MW-14R	23	0.1982	0.08918	0.0186	0.166	0.155	0.208	0.12	0.509	0
Barium (mg/L)	MW-18	17	0.1478	0.02975	0.007215	0.136	0.1195	0.1755	0.117	0.2	0
Barium (mg/L)	MW-19	21	0.05011	0.0104	0.002268	0.0471	0.04525	0.05305	0.0344	0.0767	0
Barium (mg/L)	MW-23 (bg)	19	0.167	0.05315	0.01219	0.186	0.103	0.212	0.0862	0.236	0
Barium (mg/L)	MW-24R (bg)	18	0.3508	0.04275	0.01008	0.3615	0.3225	0.388	0.238	0.403	0
Barium (mg/L)	MW-28	21	0.09131	0.008164	0.001781	0.0913	0.0868	0.0951	0.0708	0.113	0
Barium (mg/L)	MW-29	21	1.671	0.4833	0.1055	1.79	1.29	2.06	0.712	2.35	0
Barium (mg/L)	MW-30R	22	0.8858	0.2237	0.04769	0.8315	0.7465	0.9825	0.566	1.47	0
Barium (mg/L)	MW-31R	22	0.6088	0.3028	0.06455	0.4705	0.4153	0.7883	0.326	1.35	0
Barium (mg/L)	MW-32R	18	0.296	0.06283	0.01481	0.2825	0.2475	0.356	0.193	0.406	0
Barium (mg/L)	MW-33R	22	0.7406	0.1216	0.02593	0.7165	0.64	0.822	0.581	1.02	0
Barium (mg/L)	MW-39	20	0.05553	0.01533	0.003429	0.0537	0.04615	0.0672	0.027	0.08605	0
Barium (mg/L)	MW-50	18	0.04582	0.01115	0.002628	0.0446	0.03508	0.055	0.0307	0.07135	0
Barium (mg/L)	MW-51	20	0.2827	0.07545	0.01687	0.2855	0.252	0.3425	0.124	0.392	0
Barium (mg/L)	MW-52	21	0.9795	0.4594	0.1002	0.888	0.7235	1.088	0.456	2.42	0
Barium (mg/L)	MW-53	20	1.757	0.1274	0.02848	1.735	1.66	1.88	1.5	1.95	0
Barium (mg/L)	MW-54	21	0.07436	0.03078	0.006717	0.0617	0.05255	0.09655	0.0457	0.162	0
Barium (mg/L)	MW-55	23	0.1176	0.09365	0.01953	0.0652	0.0429	0.192	0.0267	0.324	0
Barium (mg/L)	MW-56	21	0.4983	0.2608	0.05691	0.512	0.295	0.653	0.034	0.999	0
Barium (mg/L)	MW-58	20	0.658	0.1406	0.03144	0.623	0.553	0.7265	0.445	1.05	0
Barium (mg/L)	MW-57R	11	0.5256	0.1795	0.05413	0.538	0.392	0.68	0.22	0.738	0

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Barium (mg/L)	MW-73	11	0.264	0.03733	0.01125	0.264	0.244	0.294	0.188	0.324	0
Benzene (ug/L)	GU-3A	17	0.4409	0.1282	0.03109	0.5	0.36	0.5	0.22	0.59	88.24
Benzene (ug/L)	MW-14R	22	0.4491	0.1105	0.02357	0.5	0.5	0.5	0.22	0.5	100
Benzene (ug/L)	MW-18	17	0.4341	0.1224	0.02969	0.5	0.36	0.5	0.22	0.5	100
Benzene (ug/L)	MW-19	22	0.4491	0.1105	0.02357	0.5	0.5	0.5	0.22	0.5	100
Benzene (ug/L)	MW-23 (bg)	8	0.36	0.1497	0.05292	0.36	0.22	0.5	0.22	0.5	100
Benzene (ug/L)	MW-24R (bg)	10	0.388	0.1446	0.04572	0.5	0.22	0.5	0.22	0.5	100
Benzene (ug/L)	MW-28	22	0.4491	0.1105	0.02357	0.5	0.5	0.5	0.22	0.5	100
Benzene (ug/L)	MW-29	21	3.378	1.471	0.321	3.15	2.16	4.29	1.35	6.57	0
Benzene (ug/L)	MW-30R	22	0.7151	0.1796	0.03828	0.755	0.623	0.853	0.22	0.93	4.545
Benzene (ug/L)	MW-31R	17	0.4889	0.1352	0.03278	0.5	0.5	0.5	0.22	0.871	94.12
Benzene (ug/L)	MW-32R	17	0.4506	0.11	0.02669	0.5	0.5	0.5	0.22	0.5	100
Benzene (ug/L)	MW-33R	22	0.4491	0.1105	0.02357	0.5	0.5	0.5	0.22	0.5	100
Benzene (ug/L)	MW-39	19	0.4411	0.1173	0.02691	0.5	0.5	0.5	0.22	0.5	100
Benzene (ug/L)	MW-50	19	0.4853	0.06424	0.01474	0.5	0.5	0.5	0.22	0.5	100
Benzene (ug/L)	MW-51	20	0.4687	0.09693	0.02167	0.5	0.5	0.5	0.154	0.5	95
Benzene (ug/L)	MW-52	20	0.486	0.06261	0.014	0.5	0.5	0.5	0.22	0.5	100
Benzene (ug/L)	MW-53	20	9.809	0.9184	0.2054	9.495	9.315	10.63	8.31	11.8	0
Benzene (ug/L)	MW-54	20	0.486	0.06261	0.014	0.5	0.5	0.5	0.22	0.5	100
Benzene (ug/L)	MW-55	22	0.4518	0.1125	0.02399	0.5	0.5	0.5	0.22	0.559	95.45
Benzene (ug/L)	MW-56	21	1.176	0.9524	0.2078	0.697	0.5	1.92	0.126	3.47	23.81
Benzene (ug/L)	MW-58	19	3.482	0.7624	0.1749	3.36	2.89	3.75	2.3	5.26	0
Benzene (ug/L)	MW-68	6	2.413	1.828	0.7461	2.355	0.5685	4.315	0.31	4.75	0
Benzene (ug/L)	MW-69	6	0.5902	0.2544	0.1039	0.652	0.2935	0.825	0.22	0.912	16.67
Benzene (ug/L)	MW-70	11	0.3982	0.1413	0.04259	0.5	0.22	0.5	0.22	0.5	100
Benzene (ug/L)	PZ-13	6	0.3133	0.1446	0.05903	0.22	0.22	0.5	0.22	0.5	100
Benzene (ug/L)	MW-57R	11	2.798	1.798	0.542	3.39	1.11	3.91	0.22	5.69	9.091
Benzene (ug/L)	MW-73	11	0.3005	0.1315	0.03965	0.22	0.22	0.5	0.22	0.514	81.82
Beryllium (mg/L)	GU-3A	19	0.0008462	0.0005163	0.0001184	0.001	0.00033	0.001	0.000126	0.002431	84.21
Beryllium (mg/L)	MW-14R	20	0.000866	0.000275	0.00006148	0.001	0.001	0.001	0.00033	0.001	100
Beryllium (mg/L)	MW-18	17	0.0008424	0.0002929	0.00007105	0.001	0.000665	0.001	0.00033	0.001	100
Beryllium (mg/L)	MW-19	22	0.0008782	0.0002645	0.00005639	0.001	0.001	0.001	0.00033	0.001	100
Beryllium (mg/L)	MW-23 (bg)	17	0.0008424	0.0002929	0.00007105	0.001	0.000665	0.001	0.00033	0.001	100
Beryllium (mg/L)	MW-24R (bg)	15	0.0008213	0.0003067	0.00007919	0.001	0.00033	0.001	0.00033	0.001	100
Beryllium (mg/L)	MW-28	22	0.0008782	0.0002645	0.00005639	0.001	0.001	0.001	0.00033	0.001	100
Beryllium (mg/L)	MW-29	18	0.0008451	0.0002844	0.00006704	0.001	0.0006105	0.001	0.00033	0.001	94.44
Beryllium (mg/L)	MW-30R	19	0.0007428	0.0003186	0.00007308	0.001	0.00033	0.001	0.00032	0.001	78.95
Beryllium (mg/L)	MW-31R	20	0.000866	0.000275	0.00006148	0.001	0.001	0.001	0.00033	0.001	100
Beryllium (mg/L)	MW-32R	20	0.00097	0.0005375	0.0001202	0.001	0.001	0.001	0.00033	0.00292	90
Beryllium (mg/L)	MW-33R	21	0.0008425	0.0002727	0.00005951	0.001	0.000686	0.001	0.00033	0.001	90.48
Beryllium (mg/L)	MW-39	19	0.0008589	0.0002806	0.00006438	0.001	0.001	0.001	0.00033	0.001	100
Beryllium (mg/L)	MW-50	19	0.0009647	0.0001537	0.00003526	0.001	0.001	0.001	0.00033	0.001	100
Beryllium (mg/L)	MW-51	20	0.0009665	0.0001498	0.0000335	0.001	0.001	0.001	0.00033	0.001	100
Beryllium (mg/L)	MW-52	21	0.001162	0.000473	0.0001032	0.001	0.001	0.001	0.001	0.00282	90.48
Beryllium (mg/L)	MW-53	19	0.001017	0.00007341	0.00001684	0.001	0.001	0.001	0.001	0.00132	100
Beryllium (mg/L)	MW-54	20	0.001007	0.0002402	0.00005371	0.001	0.001	0.001	0.00033	0.001805	95
Beryllium (mg/L)	MW-55	22	0.0008782	0.0002645	0.00005639	0.001	0.001	0.001	0.00033	0.001	100
Beryllium (mg/L)	MW-56	21	0.0008724	0.0002696	0.00005883	0.001	0.001	0.001	0.00033	0.001	100
Beryllium (mg/L)	MW-58	19	0.0007854	0.0003346	0.00007675	0.001	0.00033	0.001	0.000059	0.001	89.47
Beryllium (mg/L)	MW-57R	11	0.0005627	0.0003474	0.0001048	0.00033	0.00033	0.001	0.00027	0.001	100

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Beryllium (mg/L)	MW-73	10	0.000592	0.0003516	0.0001112	0.00033	0.00033	0.001	0.00027	0.001	100
Beta-BHC (ug/L)	MW-14R	3	0.0341	0.003214	0.001856	0.0325	0.032	0.0378	0.032	0.0378	100
Beta-BHC (ug/L)	MW-18	3	0.03607	0.003066	0.00177	0.0368	0.0327	0.0387	0.0327	0.0387	100
Beta-BHC (ug/L)	MW-19	3	0.0383	0.005112	0.002951	0.0387	0.033	0.0432	0.033	0.0432	100
Beta-BHC (ug/L)	MW-28	3	0.0358	0.002207	0.001274	0.0356	0.0337	0.0381	0.0337	0.0381	100
Beta-BHC (ug/L)	MW-29	12	0.04347	0.02495	0.007202	0.0343	0.02795	0.05875	0.0161	0.107	41.67
Beta-BHC (ug/L)	MW-30R	4	0.03522	0.001936	0.0009681	0.0354	0.03395	0.0365	0.0327	0.0374	100
Beta-BHC (ug/L)	MW-31R	3	0.03567	0.001943	0.001122	0.0352	0.034	0.0378	0.034	0.0378	100
Beta-BHC (ug/L)	MW-32R	3	0.0349	0.003554	0.002052	0.033	0.0327	0.039	0.0327	0.039	100
Beta-BHC (ug/L)	MW-33R	3	0.03693	0.003614	0.002087	0.0385	0.0328	0.0395	0.0328	0.0395	100
Beta-BHC (ug/L)	MW-39	3	0.03423	0.002818	0.001627	0.0333	0.032	0.0374	0.032	0.0374	100
Beta-BHC (ug/L)	MW-50	2	0.03335	0.000495	0.00035	0.03335	0.03335	0.03335	0.033	0.0337	100
Beta-BHC (ug/L)	MW-51	2	0.03405	0.001061	0.00075	0.03405	0.03405	0.03405	0.0333	0.0348	100
Beta-BHC (ug/L)	MW-52	2	0.0333	0	0	0.0333	0.0333	0.0333	0.0333	0.0333	100
Beta-BHC (ug/L)	MW-53	2	0.03425	0.001344	0.00095	0.03425	0.03425	0.03425	0.0333	0.0352	100
Beta-BHC (ug/L)	MW-54	2	0.0218	0.01626	0.0115	0.0218	0.0218	0.0218	0.0103	0.0333	50
Beta-BHC (ug/L)	MW-55	3	0.03507	0.003002	0.001733	0.0352	0.032	0.038	0.032	0.038	100
Beta-BHC (ug/L)	MW-56	3	0.02595	0.01586	0.009159	0.0333	0.00774	0.0368	0.00774	0.0368	66.67
Beta-BHC (ug/L)	MW-58	4	0.03545	0.002458	0.001229	0.03515	0.0335	0.0374	0.033	0.0385	100
Beta-BHC (ug/L)	MW-57R	2	0.03795	0.001344	0.00095	0.03795	0.03795	0.03795	0.037	0.0389	100
Cadmium (mg/L)	GU-3A	18	0.0003095	0.0002009	0.00004735	0.000401	0.0001	0.0005	0.000074	0.0005	77.78
Cadmium (mg/L)	MW-14R	22	0.0003139	0.0001877	0.00004001	0.0003037	0.0001	0.0005	0.0001	0.000555	68.18
Cadmium (mg/L)	MW-18	17	0.0001819	0.0001423	0.00003452	0.0001	0.0001	0.000273	0.0000777	0.0005	47.06
Cadmium (mg/L)	MW-19	22	0.0003292	0.0002051	0.00004374	0.0003985	0.0001	0.0005	0.000052	0.000628	63.64
Cadmium (mg/L)	MW-23 (bg)	13	0.0002902	0.0002026	0.00005619	0.000139	0.0001	0.0005	0.0001	0.0005	84.62
Cadmium (mg/L)	MW-24R (bg)	17	0.0003092	0.0002088	0.00005064	0.0005	0.0001	0.0005	0.000057	0.0005	94.12
Cadmium (mg/L)	MW-28	22	0.0003449	0.0001917	0.00004087	0.0005	0.0001095	0.0005	0.0001	0.0005	77.27
Cadmium (mg/L)	MW-29	21	0.0003476	0.000199	0.00004344	0.0005	0.0001	0.0005	0.0001	0.0005	100
Cadmium (mg/L)	MW-30R	22	0.0002838	0.0002034	0.00004335	0.000155	0.0001	0.0005	0.000058	0.0005	81.82
Cadmium (mg/L)	MW-31R	22	0.0003392	0.0001993	0.00004248	0.0005	0.0001	0.0005	0.000058	0.0005	90.91
Cadmium (mg/L)	MW-32R	22	0.0004871	0.0005996	0.0001278	0.000327	0.0001	0.000544	0.0000595	0.00249	50
Cadmium (mg/L)	MW-33R	22	0.0009824	0.001106	0.0002358	0.000539	0.000365	0.001025	0.000107	0.00389	0
Cadmium (mg/L)	MW-39	21	0.0004745	0.0003093	0.0000675	0.000469	0.000226	0.0007015	0.0001	0.00114	23.81
Cadmium (mg/L)	MW-50	19	0.0003567	0.0001939	0.00004449	0.0005	0.0001	0.0005	0.000057	0.0005	84.21
Cadmium (mg/L)	MW-51	20	0.000345	0.0001974	0.00004413	0.0005	0.000103	0.0005	0.000079	0.0005	60
Cadmium (mg/L)	MW-52	19	0.0003596	0.0001916	0.00004395	0.0005	0.000101	0.0005	0.000064	0.0005	78.95
Cadmium (mg/L)	MW-53	19	0.0003953	0.0001801	0.00004131	0.0005	0.00011	0.0005	0.0001	0.0005	94.74
Cadmium (mg/L)	MW-54	20	0.0004321	0.000242	0.00005412	0.0005	0.0003015	0.0005	0.0001	0.001139	90
Cadmium (mg/L)	MW-55	23	0.0003305	0.000211	0.00004399	0.000342	0.0001	0.0005	0.0001	0.000645	56.52
Cadmium (mg/L)	MW-56	21	0.0003192	0.0001955	0.00004267	0.0005	0.000106	0.0005	0.000091	0.0005	71.43
Cadmium (mg/L)	MW-58	21	0.0003509	0.0002598	0.00005669	0.0005	0.0001	0.0005	0.0001	0.00111	80.95
Cadmium (mg/L)	MW-57R	11	0.001329	0.0004266	0.0001286	0.00134	0.000909	0.00156	0.000786	0.00203	0
Cadmium (mg/L)	MW-73	10	0.0003971	0.0004239	0.000134	0.0002115	0.0001455	0.000654	0.000113	0.00139	0
Carbon Disulfide (ug/L)	GU-3A	18	0.8778	0.2353	0.05546	1	0.725	1	0.45	1	100
Carbon Disulfide (ug/L)	MW-14R	22	0.9455	0.3196	0.06813	1	1	1	0.45	2	100
Carbon Disulfide (ug/L)	MW-18	17	0.806	0.2728	0.06616	1	0.45	1	0.357	1	88.24
Carbon Disulfide (ug/L)	MW-19	22	0.9074	0.36	0.07676	1	0.725	1	0.163	2	95.45
Carbon Disulfide (ug/L)	MW-23 (bg)	8	0.725	0.294	0.1039	0.725	0.45	1	0.45	1	100
Carbon Disulfide (ug/L)	MW-24R (bg)	10	0.78	0.284	0.08981	1	0.45	1	0.45	1	100
Carbon Disulfide (ug/L)	MW-28	22	0.9455	0.3196	0.06813	1	1	1	0.45	2	100

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Carbon Disulfide (ug/L)	MW-29	19	0.8842	0.2304	0.05285	1	1	1	0.45	1	100
Carbon Disulfide (ug/L)	MW-30R	22	0.9	0.2171	0.04629	1	1	1	0.45	1	100
Carbon Disulfide (ug/L)	MW-31R	17	0.9029	0.2161	0.05242	1	1	1	0.45	1	100
Carbon Disulfide (ug/L)	MW-32R	17	1.079	0.7826	0.1898	1	1	1	0.45	4	100
Carbon Disulfide (ug/L)	MW-33R	22	0.9455	0.3196	0.06813	1	1	1	0.45	2	100
Carbon Disulfide (ug/L)	MW-39	19	1.095	0.7831	0.1797	1	1	1	0.45	4	100
Carbon Disulfide (ug/L)	MW-50	18	1.025	0.2756	0.06496	1	1	1	0.45	2	100
Carbon Disulfide (ug/L)	MW-51	20	1.099	0.7003	0.1566	1	1	1	0.45	4	95
Carbon Disulfide (ug/L)	MW-52	20	1.022	0.2608	0.05832	1	1	1	0.45	2	100
Carbon Disulfide (ug/L)	MW-53	19	0.9533	0.1444	0.03312	1	1	1	0.45	1	94.74
Carbon Disulfide (ug/L)	MW-54	20	1.222	0.9266	0.2072	1	1	1	0.45	5	100
Carbon Disulfide (ug/L)	MW-55	21	0.9206	0.3389	0.07395	1	0.766	1	0.45	2	95.24
Carbon Disulfide (ug/L)	MW-56	20	0.8224	0.285	0.06374	1	0.4665	1	0.165	1	90
Carbon Disulfide (ug/L)	MW-58	21	0.863	0.2525	0.0551	1	0.725	1	0.322	1	95.24
Carbon Disulfide (ug/L)	MW-68	6	0.6333	0.284	0.116	0.45	0.45	1	0.45	1	100
Carbon Disulfide (ug/L)	MW-69	6	0.6333	0.284	0.116	0.45	0.45	1	0.45	1	100
Carbon Disulfide (ug/L)	MW-70	6	0.6333	0.284	0.116	0.45	0.45	1	0.45	1	100
Carbon Disulfide (ug/L)	PZ-13	6	0.6333	0.284	0.116	0.45	0.45	1	0.45	1	100
Carbon Disulfide (ug/L)	MW-57R	11	0.6065	0.2536	0.07646	0.45	0.45	1	0.45	1	90.91
Carbon Disulfide (ug/L)	MW-73	11	0.65	0.2775	0.08367	0.45	0.45	1	0.45	1	100
Chemical Oxygen Demand (mg/L)	SW-101	9	46.28	40.95	13.65	25	23.7	51.3	20.2	150	33.33
Chemical Oxygen Demand (mg/L)	SW-102	8	40.24	16.11	5.697	37.3	31.15	42.8	23	76.4	12.5
Chemical Oxygen Demand (mg/L)	SW-103	8	42.04	18.08	6.392	39.35	25	58.75	23	67.1	37.5
Chemical Oxygen Demand (mg/L)	SW-104	6	45.7	38.47	15.71	25	22.5	89.6	22	118	66.67
Chemical Oxygen Demand (mg/L)	SW-105	6	91.55	75.13	30.67	63.55	40.6	170.5	35.4	235	0
Chemical Oxygen Demand (mg/L)	SW-106	9	55.61	63.85	21.28	32.3	24.5	50.65	23	223	33.33
Chemical Oxygen Demand (mg/L)	SW-107	9	32.61	10.14	3.381	29.2	24.5	41.75	23	50.8	44.44
Chloride (mg/L)	SW-101	8	53.84	8.425	2.979	55.2	45.25	60.6	43.1	65.5	0
Chloride (mg/L)	SW-102	7	47.91	9.79	3.7	44.1	40	52.3	39.1	67.5	0
Chloride (mg/L)	SW-103	8	44.51	7.087	2.506	43.1	38.4	49.65	37.4	56.4	0
Chloride (mg/L)	SW-104	6	43.68	12.58	5.137	43.15	31.4	56.5	23.8	59.3	0
Chloride (mg/L)	SW-105	6	102.4	144.5	58.98	48.6	21.8	236.8	17.5	394	0
Chloride (mg/L)	SW-106	9	52.71	26.91	8.97	37.4	34.2	75.7	31.5	103	0
Chloride (mg/L)	SW-107	9	68.2	32.77	10.92	55.4	41.25	96	40.5	129	0
Chlorobenzene (ug/L)	GU-3A	19	0.9505	0.4556	0.1045	1	1	1	0.35	2.51	94.74
Chlorobenzene (ug/L)	MW-14R	22	0.8886	0.242	0.05159	1	1	1	0.35	1	100
Chlorobenzene (ug/L)	MW-18	17	0.8559	0.268	0.06501	1	0.7	1	0.35	1	100
Chlorobenzene (ug/L)	MW-19	22	0.8886	0.242	0.05159	1	1	1	0.35	1	100
Chlorobenzene (ug/L)	MW-23 (bg)	8	0.6938	0.3278	0.1159	0.7	0.4	1	0.35	1	100
Chlorobenzene (ug/L)	MW-24R (bg)	10	0.755	0.3166	0.1001	1	0.4	1	0.35	1	100
Chlorobenzene (ug/L)	MW-28	22	0.8886	0.242	0.05159	1	1	1	0.35	1	100
Chlorobenzene (ug/L)	MW-29	21	11.74	5.755	1.256	9.97	6.795	16.6	5.71	26	0
Chlorobenzene (ug/L)	MW-30R	22	0.8886	0.242	0.05159	1	1	1	0.35	1	100
Chlorobenzene (ug/L)	MW-31R	17	0.8912	0.2425	0.05882	1	1	1	0.35	1	100
Chlorobenzene (ug/L)	MW-32R	17	0.8912	0.2425	0.05882	1	1	1	0.35	1	100
Chlorobenzene (ug/L)	MW-33R	22	0.8886	0.242	0.05159	1	1	1	0.35	1	100
Chlorobenzene (ug/L)	MW-39	19	0.8711	0.2568	0.0589	1	1	1	0.35	1	100
Chlorobenzene (ug/L)	MW-50	19	0.9684	0.1376	0.03158	1	1	1	0.4	1	100
Chlorobenzene (ug/L)	MW-51	20	1.443	0.8575	0.1917	1	1	1.305	1	3.69	75
Chlorobenzene (ug/L)	MW-52	20	0.97	0.1342	0.03	1	1	1	0.4	1	100

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Chlorobenzene (ug/L)	MW-53	20	9.404	1.312	0.2933	9.228	8.96	9.875	6.61	12.9	0
Chlorobenzene (ug/L)	MW-54	20	0.97	0.1342	0.03	1	1	1	0.4	1	100
Chlorobenzene (ug/L)	MW-55	22	0.8886	0.242	0.05159	1	1	1	0.35	1	100
Chlorobenzene (ug/L)	MW-56	21	1.081	0.9661	0.2108	1	1	1	0.35	5.16	95.24
Chlorobenzene (ug/L)	MW-58	19	6.563	1.627	0.3733	6.48	5.63	7.58	3.37	9.65	0
Chlorobenzene (ug/L)	MW-68	6	0.5917	0.3169	0.1294	0.4	0.375	1	0.35	1	100
Chlorobenzene (ug/L)	MW-69	6	0.5917	0.3169	0.1294	0.4	0.375	1	0.35	1	100
Chlorobenzene (ug/L)	MW-70	6	0.5917	0.3169	0.1294	0.4	0.375	1	0.35	1	100
Chlorobenzene (ug/L)	PZ-13	6	0.5917	0.3169	0.1294	0.4	0.375	1	0.35	1	100
Chlorobenzene (ug/L)	MW-57R	11	0.6148	0.3058	0.0922	0.4	0.4	1	0.35	1	90.91
Chlorobenzene (ug/L)	MW-73	11	0.6136	0.3067	0.09246	0.4	0.4	1	0.35	1	100
Chloroethane (ug/L)	GU-3A	19	3.33	1.333	0.3059	4	4	4	0.79	4	100
Chloroethane (ug/L)	MW-14R	22	3.421	1.257	0.2679	4	4	4	0.79	4	100
Chloroethane (ug/L)	MW-18	17	3.251	1.392	0.3375	4	2.45	4	0.79	4	100
Chloroethane (ug/L)	MW-19	22	3.421	1.257	0.2679	4	4	4	0.79	4	100
Chloroethane (ug/L)	MW-23 (bg)	8	2.409	1.701	0.6016	2.45	0.79	4	0.79	4	100
Chloroethane (ug/L)	MW-24R (bg)	10	2.727	1.644	0.5198	4	0.79	4	0.79	4	100
Chloroethane (ug/L)	MW-28	22	3.421	1.257	0.2679	4	4	4	0.79	4	100
Chloroethane (ug/L)	MW-29	21	2.618	1.474	0.3217	3.56	0.9935	4	0.79	4	66.67
Chloroethane (ug/L)	MW-30R	22	3.093	1.52	0.324	4	0.845	4	0.298	4	90.91
Chloroethane (ug/L)	MW-31R	17	3.44	1.247	0.3025	4	4	4	0.79	4	100
Chloroethane (ug/L)	MW-32R	17	3.44	1.247	0.3025	4	4	4	0.79	4	100
Chloroethane (ug/L)	MW-33R	22	3.421	1.257	0.2679	4	4	4	0.79	4	100
Chloroethane (ug/L)	MW-39	19	3.33	1.333	0.3059	4	4	4	0.79	4	100
Chloroethane (ug/L)	MW-50	19	3.831	0.7364	0.1689	4	4	4	0.79	4	100
Chloroethane (ug/L)	MW-51	19	3.641	1.078	0.2474	4	4	4	0.383	4	94.74
Chloroethane (ug/L)	MW-52	20	3.84	0.7178	0.1605	4	4	4	0.79	4	100
Chloroethane (ug/L)	MW-53	19	3.635	1.097	0.2516	4	4	4	0.274	4	94.74
Chloroethane (ug/L)	MW-54	20	3.84	0.7178	0.1605	4	4	4	0.79	4	100
Chloroethane (ug/L)	MW-55	22	3.421	1.257	0.2679	4	4	4	0.79	4	100
Chloroethane (ug/L)	MW-56	21	2.983	1.637	0.3572	4	0.844	4	0.426	5.31	80.95
Chloroethane (ug/L)	MW-58	19	4.003	2.757	0.6325	3.52	2.36	4	0.9	12.9	26.32
Chloroethane (ug/L)	MW-68	6	1.878	1.644	0.6712	0.845	0.79	4	0.79	4	100
Chloroethane (ug/L)	MW-69	6	1.878	1.644	0.6712	0.845	0.79	4	0.79	4	100
Chloroethane (ug/L)	MW-70	6	1.878	1.644	0.6712	0.845	0.79	4	0.79	4	100
Chloroethane (ug/L)	PZ-13	6	1.878	1.644	0.6712	0.845	0.79	4	0.79	4	100
Chloroethane (ug/L)	MW-57R	11	1.967	1.612	0.486	0.79	0.79	4	0.79	4	100
Chloroethane (ug/L)	MW-73	11	1.967	1.612	0.486	0.79	0.79	4	0.79	4	100
Chromium (mg/L)	GU-3A	19	0.01029	0.008617	0.001977	0.005	0.00191	0.02	0.0011	0.02	84.21
Chromium (mg/L)	MW-14R	20	0.01179	0.008512	0.001903	0.0125	0.005	0.02	0.0011	0.02	100
Chromium (mg/L)	MW-18	17	0.008582	0.007734	0.001876	0.005	0.0034	0.02	0.0011	0.02	100
Chromium (mg/L)	MW-19	22	0.01118	0.00834	0.001778	0.005	0.005	0.02	0.0011	0.02	100
Chromium (mg/L)	MW-23 (bg)	17	0.01035	0.008438	0.002046	0.005	0.0034	0.02	0.0011	0.02	100
Chromium (mg/L)	MW-24R (bg)	14	0.00935	0.008368	0.002236	0.005	0.0018	0.02	0.0011	0.02	100
Chromium (mg/L)	MW-28	22	0.0113	0.008266	0.001762	0.00631	0.005	0.02	0.0011	0.02	95.45
Chromium (mg/L)	MW-29	19	0.01093	0.008953	0.002054	0.005	0.0018	0.02	0.000557	0.02	89.47
Chromium (mg/L)	MW-30R	20	0.01137	0.008956	0.002003	0.0125	0.0018	0.02	0.000487	0.02	90
Chromium (mg/L)	MW-31R	20	0.01114	0.008496	0.0019	0.00798	0.0034	0.02	0.00102	0.02	90
Chromium (mg/L)	MW-32R	20	0.01048	0.008936	0.001998	0.005	0.0018	0.02	0.00036	0.02	85
Chromium (mg/L)	MW-33R	21	0.01053	0.008203	0.00179	0.005	0.004267	0.02	0.0011	0.02	90.48

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Chromium (mg/L)	MW-39	19	0.01136	0.008517	0.001954	0.005	0.005	0.02	0.0011	0.02	100
Chromium (mg/L)	MW-50	19	0.01075	0.009088	0.002085	0.005	0.00147	0.02	0.0012	0.02	57.89
Chromium (mg/L)	MW-51	20	0.01285	0.008194	0.001832	0.02	0.005	0.02	0.000855	0.02	95
Chromium (mg/L)	MW-52	21	0.01636	0.01799	0.003927	0.02	0.005	0.02	0.00103	0.0725	76.19
Chromium (mg/L)	MW-53	19	0.01245	0.008269	0.001897	0.02	0.005	0.02	0.000477	0.02	94.74
Chromium (mg/L)	MW-54	20	0.01216	0.0081	0.001811	0.0125	0.005	0.02	0.0011	0.02	95
Chromium (mg/L)	MW-55	23	0.01091	0.008249	0.00172	0.005	0.005	0.02	0.0011	0.02	100
Chromium (mg/L)	MW-56	21	0.01076	0.008304	0.001812	0.005	0.005	0.02	0.0011	0.02	100
Chromium (mg/L)	MW-58	19	0.01036	0.008545	0.00196	0.005	0.00204	0.02	0.0011	0.02	89.47
Chromium (mg/L)	MW-57R	11	0.002805	0.001856	0.0005595	0.00181	0.0011	0.005	0.0011	0.005	81.82
Chromium (mg/L)	MW-73	11	0.003387	0.002807	0.0008464	0.0018	0.0011	0.005	0.0011	0.00976	90.91
cis-1,2-Dichloroethene (ug/L)	GU-3A	19	0.8516	0.3033	0.06959	1	1	1	0.21	1	100
cis-1,2-Dichloroethene (ug/L)	MW-14R	23	6.117	12.3	2.565	1	0.985	4.71	0.185	46.6	34.78
cis-1,2-Dichloroethene (ug/L)	MW-18	17	0.8341	0.3169	0.07686	1	0.775	1	0.21	1	100
cis-1,2-Dichloroethene (ug/L)	MW-19	22	0.8718	0.2856	0.0609	1	1	1	0.21	1	100
cis-1,2-Dichloroethene (ug/L)	MW-23 (bg)	8	0.6475	0.3929	0.1389	0.775	0.21	1	0.21	1	100
cis-1,2-Dichloroethene (ug/L)	MW-24R (bg)	10	0.718	0.3771	0.1192	1	0.21	1	0.21	1	100
cis-1,2-Dichloroethene (ug/L)	MW-28	22	0.8718	0.2856	0.0609	1	1	1	0.21	1	100
cis-1,2-Dichloroethene (ug/L)	MW-29	23	12.01	4.865	1.014	10.7	9.58	13.7	6.04	24.2	0
cis-1,2-Dichloroethene (ug/L)	MW-30R	24	61.18	15.67	3.199	61.2	52.3	72.15	23.5	91.6	0
cis-1,2-Dichloroethene (ug/L)	MW-31R	19	0.9061	0.2303	0.05284	1	1	1	0.21	1	94.74
cis-1,2-Dichloroethene (ug/L)	MW-32R	19	0.8932	0.2618	0.06006	1	1	1	0.21	1	100
cis-1,2-Dichloroethene (ug/L)	MW-33R	24	0.8825	0.2753	0.0562	1	1	1	0.21	1	100
cis-1,2-Dichloroethene (ug/L)	MW-39	19	0.8516	0.3033	0.06959	1	1	1	0.21	1	100
cis-1,2-Dichloroethene (ug/L)	MW-50	19	0.9584	0.1812	0.04158	1	1	1	0.21	1	100
cis-1,2-Dichloroethene (ug/L)	MW-51	20	5.439	2.504	0.56	4.775	3.545	7.89	1.79	9.2	0
cis-1,2-Dichloroethene (ug/L)	MW-52	22	1.01	0.2779	0.05925	1	1	1	0.21	2	100
cis-1,2-Dichloroethene (ug/L)	MW-53	22	2.797	1.298	0.2766	3.125	1.945	3.73	0.21	4.36	4.545
cis-1,2-Dichloroethene (ug/L)	MW-54	22	1.01	0.2779	0.05925	1	1	1	0.21	2	100
cis-1,2-Dichloroethene (ug/L)	MW-55	22	0.9173	0.3732	0.07956	1	1	1	0.21	2	100
cis-1,2-Dichloroethene (ug/L)	MW-56	21	0.7888	0.3499	0.07636	1	0.3995	1	0.136	1	90.48
cis-1,2-Dichloroethene (ug/L)	MW-58	22	0.8341	0.3206	0.06835	1	0.775	1	0.17	1	95.45
cis-1,2-Dichloroethene (ug/L)	MW-68	12	5.538	1.108	0.3198	5.695	5.285	6.25	3.03	6.86	0
cis-1,2-Dichloroethene (ug/L)	MW-69	14	7.831	4.137	1.106	8.055	3.45	11.95	2.24	13.5	0
cis-1,2-Dichloroethene (ug/L)	MW-70	11	0.7436	0.3677	0.1109	1	0.21	1	0.21	1	100
cis-1,2-Dichloroethene (ug/L)	PZ-13	14	0.5048	0.283	0.07564	0.439	0.2735	0.7545	0.136	1	28.57
cis-1,2-Dichloroethene (ug/L)	MW-57R	11	1.696	1.47	0.4433	1	0.65	2.25	0.385	4.73	36.36
cis-1,2-Dichloroethene (ug/L)	MW-73	11	0.4873	0.3547	0.1069	0.21	0.21	1	0.21	1	90.91
Cobalt (mg/L)	GU-3A	18	0.003348	0.003787	0.0008927	0.001665	0.000901	0.004795	0.000046	0.0137	22.22
Cobalt (mg/L)	MW-14R	23	0.0009984	0.0007045	0.0001469	0.001	0.000428	0.00155	0.000067	0.00241	60.87
Cobalt (mg/L)	MW-18	17	0.001735	0.0008477	0.0002056	0.00129	0.00108	0.00241	0.000736	0.00356	17.65
Cobalt (mg/L)	MW-19	22	0.0009361	0.0007671	0.0001635	0.000616	0.00017	0.00155	0.00005	0.00241	77.27
Cobalt (mg/L)	MW-23 (bg)	21	0.001096	0.0007685	0.0001677	0.000744	0.000475	0.00155	0.000176	0.00281	33.33
Cobalt (mg/L)	MW-24R (bg)	19	0.0008176	0.000713	0.0001636	0.0005	0.00017	0.00155	0.000052	0.00241	89.47
Cobalt (mg/L)	MW-28	22	0.0008885	0.0007815	0.0001666	0.000325	0.0002195	0.00155	0.000181	0.00241	45.45
Cobalt (mg/L)	MW-29	23	0.06785	0.01079	0.00225	0.0659	0.0621	0.0783	0.0447	0.0906	0
Cobalt (mg/L)	MW-30R	24	0.005496	0.0021	0.0004287	0.0057	0.00391	0.007135	0.00254	0.00905	0
Cobalt (mg/L)	MW-31R	24	0.001942	0.002618	0.0005344	0.001435	0.0002525	0.001885	0.000078	0.0109	41.67
Cobalt (mg/L)	MW-32R	24	0.003377	0.004321	0.000882	0.00159	0.0006245	0.004675	0.000198	0.0169	12.5
Cobalt (mg/L)	MW-33R	23	0.01096	0.00162	0.0003378	0.0108	0.0097	0.0116	0.00854	0.015	0

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Cobalt (mg/L)	MW-39	21	0.01134	0.01077	0.002351	0.0063	0.004015	0.0146	0.00155	0.043	4.762
Cobalt (mg/L)	MW-50	19	0.001196	0.001043	0.0002392	0.00132	0.000214	0.00155	0.000089	0.00419	63.16
Cobalt (mg/L)	MW-51	20	0.001396	0.0009615	0.000215	0.00151	0.0006085	0.00155	0.000281	0.00423	45
Cobalt (mg/L)	MW-52	21	0.009293	0.00213	0.0004647	0.00985	0.007715	0.0107	0.0052	0.0126	0
Cobalt (mg/L)	MW-53	21	0.0008872	0.0008184	0.0001786	0.000409	0.000117	0.00155	0.000101	0.00241	52.38
Cobalt (mg/L)	MW-54	22	0.001711	0.0004476	0.00009542	0.00155	0.001485	0.001785	0.00118	0.00302	31.82
Cobalt (mg/L)	MW-55	23	0.001256	0.001631	0.0003401	0.0005	0.00017	0.00155	0.000117	0.00655	69.57
Cobalt (mg/L)	MW-56	21	0.01127	0.005176	0.00113	0.0109	0.007985	0.01405	0.00155	0.024	4.762
Cobalt (mg/L)	MW-58	22	0.005073	0.005309	0.001132	0.003568	0.00187	0.006615	0.000838	0.0255	0
Cobalt (mg/L)	MW-60	10	0.0003459	0.0001657	0.00005238	0.0003895	0.00017	0.0005	0.00017	0.0005	90
Cobalt (mg/L)	PZ-13	11	0.0002721	0.0001847	0.0000557	0.00017	0.000133	0.0005	0.000042	0.0005	63.64
Cobalt (mg/L)	SW-101	7	0.0004079	0.00009866	0.00003729	0.000437	0.00032	0.000452	0.000245	0.000551	0
Cobalt (mg/L)	SW-102	7	0.0005047	0.0002073	0.00007835	0.00044	0.000364	0.000764	0.000313	0.000835	0
Cobalt (mg/L)	SW-103	8	0.000668	0.0006642	0.0002348	0.0003945	0.000295	0.0008525	0.00017	0.00209	0
Cobalt (mg/L)	SW-106	9	0.0009668	0.0007887	0.0002629	0.00107	0.000242	0.001545	0.00017	0.00237	11.11
Cobalt (mg/L)	SW-107	9	0.0004548	0.0002476	0.00008255	0.000421	0.0002645	0.0005485	0.000205	0.00102	0
Cobalt (mg/L)	MW-57R	11	0.02207	0.009105	0.002745	0.0226	0.0175	0.0291	0.00427	0.0338	0
Cobalt (mg/L)	MW-73	10	0.0034	0.001139	0.00036	0.00318	0.00251	0.00442	0.00221	0.00551	0
Copper (mg/L)	GU-3A	18	0.01177	0.00796	0.001876	0.01083	0.0041	0.02	0.0018	0.02	83.33
Copper (mg/L)	MW-14R	22	0.01103	0.008465	0.001805	0.005	0.0032	0.02	0.0006575	0.02	95.45
Copper (mg/L)	MW-18	16	0.00837	0.008216	0.002054	0.005	0.002045	0.02	0.000744	0.02	81.25
Copper (mg/L)	MW-19	20	0.01083	0.007898	0.001766	0.007405	0.0041	0.02	0.0018	0.02	80
Copper (mg/L)	MW-23 (bg)	18	0.009847	0.008433	0.001988	0.005	0.0025	0.02	0.00109	0.02	88.89
Copper (mg/L)	MW-24R (bg)	16	0.008974	0.007756	0.001939	0.005	0.003245	0.02	0.0018	0.02	87.5
Copper (mg/L)	MW-28	22	0.01286	0.01092	0.002329	0.0125	0.0032	0.02	0.00142	0.0446	90.91
Copper (mg/L)	MW-29	21	0.01374	0.01495	0.003262	0.005	0.005	0.02	0.000668	0.064	80.95
Copper (mg/L)	MW-30R	22	0.01112	0.00836	0.001782	0.005	0.0032	0.02	0.0018	0.02	90.91
Copper (mg/L)	MW-31R	22	0.01134	0.008153	0.001738	0.00503	0.005	0.02	0.001254	0.02	90.91
Copper (mg/L)	MW-32R	22	0.01165	0.01061	0.002263	0.005	0.00276	0.02	0.000701	0.0339	63.64
Copper (mg/L)	MW-33R	22	0.0169	0.02022	0.004312	0.00901	0.003465	0.02	0.00181	0.088	36.36
Copper (mg/L)	MW-39	21	0.01054	0.008906	0.001943	0.005	0.0025	0.02	0.000548	0.0225	76.19
Copper (mg/L)	MW-50	19	0.01215	0.008683	0.001992	0.02	0.005	0.02	0.000764	0.0207	78.95
Copper (mg/L)	MW-51	20	0.01279	0.008238	0.001842	0.02	0.005	0.02	0.0018	0.02	100
Copper (mg/L)	MW-52	21	0.01877	0.01716	0.003744	0.02	0.005	0.02	0.00166	0.0613	76.19
Copper (mg/L)	MW-53	19	0.01265	0.008029	0.001842	0.02	0.005	0.02	0.0018	0.02	94.74
Copper (mg/L)	MW-54	20	0.01531	0.01038	0.002321	0.02	0.005	0.02	0.0018	0.04	85
Copper (mg/L)	MW-55	22	0.01033	0.008312	0.001772	0.005	0.0032	0.02	0.00157	0.02	86.36
Copper (mg/L)	MW-56	21	0.01075	0.008704	0.001899	0.005	0.00339	0.02	0.00106	0.0239	66.67
Copper (mg/L)	MW-58	21	0.01198	0.0107	0.002335	0.00601	0.003288	0.02	0.0018	0.0432	71.43
Copper (mg/L)	MW-57R	10	0.003711	0.0009941	0.0003144	0.00331	0.003185	0.00408	0.00303	0.00634	0
Copper (mg/L)	MW-73	11	0.006452	0.005266	0.001588	0.005	0.0032	0.00756	0.00194	0.0209	18.18
Delta-BHC (ug/L)	MW-14R	3	0.0311	0.002007	0.001159	0.032	0.0288	0.0325	0.0288	0.0325	100
Delta-BHC (ug/L)	MW-18	3	0.033	0.003659	0.002113	0.0327	0.0295	0.0368	0.0295	0.0368	100
Delta-BHC (ug/L)	MW-19	3	0.03523	0.007118	0.004109	0.033	0.0295	0.0432	0.0295	0.0432	100
Delta-BHC (ug/L)	MW-28	3	0.03277	0.003398	0.001962	0.0337	0.029	0.0356	0.029	0.0356	100
Delta-BHC (ug/L)	MW-29	5	0.03404	0.01765	0.007891	0.0328	0.0211	0.0476	0.0123	0.0615	80
Delta-BHC (ug/L)	MW-30R	4	0.0306	0.004129	0.002064	0.0306	0.02725	0.03395	0.026	0.0352	100
Delta-BHC (ug/L)	MW-31R	7	0.02828	0.02031	0.007676	0.0288	0.00543	0.0352	0.00384	0.064	71.43
Delta-BHC (ug/L)	MW-32R	3	0.0318	0.001825	0.001054	0.0327	0.0297	0.033	0.0297	0.033	100
Delta-BHC (ug/L)	MW-33R	3	0.03387	0.005183	0.002992	0.0328	0.0293	0.0395	0.0293	0.0395	100

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Delta-BHC (ug/L)	MW-39	3	0.03127	0.002483	0.001433	0.032	0.0285	0.0333	0.0285	0.0333	100
Delta-BHC (ug/L)	MW-50	2	0.03335	0.000495	0.00035	0.03335	0.03335	0.03335	0.033	0.0337	100
Delta-BHC (ug/L)	MW-51	2	0.03405	0.001061	0.00075	0.03405	0.03405	0.03405	0.0333	0.0348	100
Delta-BHC (ug/L)	MW-52	2	0.0333	0	0	0.0333	0.0333	0.0333	0.0333	0.0333	100
Delta-BHC (ug/L)	MW-53	2	0.01946	0.02226	0.01574	0.01946	0.01946	0.01946	0.00372	0.0352	50
Delta-BHC (ug/L)	MW-54	2	0.01971	0.01923	0.0136	0.01971	0.01971	0.01971	0.00611	0.0333	50
Delta-BHC (ug/L)	MW-55	3	0.02275	0.01641	0.009476	0.0289	0.00415	0.0352	0.00415	0.0352	66.67
Delta-BHC (ug/L)	MW-56	3	0.03153	0.00306	0.001767	0.0333	0.028	0.0333	0.028	0.0333	100
Delta-BHC (ug/L)	MW-58	6	0.02947	0.02085	0.008514	0.0313	0.0081	0.049	0.004	0.064	66.67
Delta-BHC (ug/L)	MW-57R	2	0.0289	0.0009899	0.0007	0.0289	0.0289	0.0289	0.0282	0.0296	100
Dichlorodifluoromethane (ug/L)	MW-14R	7	1.021	0.4437	0.1677	1.02	0.791	1.33	0.25	1.68	14.29
Dichlorodifluoromethane (ug/L)	MW-18	4	2.313	1.375	0.6875	3	1.625	3	0.25	3	100
Dichlorodifluoromethane (ug/L)	MW-19	3	2.083	1.588	0.9167	3	0.25	3	0.25	3	100
Dichlorodifluoromethane (ug/L)	MW-28	3	2.083	1.588	0.9167	3	0.25	3	0.25	3	100
Dichlorodifluoromethane (ug/L)	MW-29	4	1.625	1.588	0.7939	1.625	0.25	3	0.25	3	100
Dichlorodifluoromethane (ug/L)	MW-30R	8	1.543	1.226	0.4336	0.9015	0.647	3	0.25	3	50
Dichlorodifluoromethane (ug/L)	MW-31R	3	2.083	1.588	0.9167	3	0.25	3	0.25	3	100
Dichlorodifluoromethane (ug/L)	MW-32R	3	2.083	1.588	0.9167	3	0.25	3	0.25	3	100
Dichlorodifluoromethane (ug/L)	MW-33R	3	2.083	1.588	0.9167	3	0.25	3	0.25	3	100
Dichlorodifluoromethane (ug/L)	MW-39	3	2.083	1.588	0.9167	3	0.25	3	0.25	3	100
Dichlorodifluoromethane (ug/L)	MW-50	2	3	0	0	3	3	3	3	3	100
Dichlorodifluoromethane (ug/L)	MW-51	2	3	0	0	3	3	3	3	3	100
Dichlorodifluoromethane (ug/L)	MW-52	2	3	0	0	3	3	3	3	3	100
Dichlorodifluoromethane (ug/L)	MW-53	2	1.671	1.879	1.329	1.671	1.671	1.671	0.342	3	50
Dichlorodifluoromethane (ug/L)	MW-54	2	3	0	0	3	3	3	3	3	100
Dichlorodifluoromethane (ug/L)	MW-55	3	2.083	1.588	0.9167	3	0.25	3	0.25	3	100
Dichlorodifluoromethane (ug/L)	MW-56	18	2.106	1.303	0.3071	3	0.3315	3	0.209	3	77.78
Dichlorodifluoromethane (ug/L)	MW-58	3	2.083	1.588	0.9167	3	0.25	3	0.25	3	100
Dichlorodifluoromethane (ug/L)	MW-70	1	3	0	0	3	3	3	3	3	100
Dichlorodifluoromethane (ug/L)	PZ-13	1	0.738	0	0	0.738	0.738	0.738	0.738	0.738	0
Dichlorodifluoromethane (ug/L)	MW-57R	2	0.55	0.4243	0.3	0.55	0.55	0.55	0.25	0.85	100
Endosulfan I (ug/L)	MW-14R	7	0.02417	0.02076	0.007848	0.0252	0.00412	0.0337	0.00359	0.0615	57.14
Endosulfan I (ug/L)	MW-18	3	0.03177	0.005559	0.00321	0.0327	0.0258	0.0368	0.0258	0.0368	100
Endosulfan I (ug/L)	MW-19	3	0.034	0.008743	0.005048	0.033	0.0258	0.0432	0.0258	0.0432	100
Endosulfan I (ug/L)	MW-28	3	0.03157	0.005424	0.003132	0.0337	0.0254	0.0356	0.0254	0.0356	100
Endosulfan I (ug/L)	MW-29	9	0.02984	0.01607	0.005358	0.032	0.01719	0.03445	0.00703	0.0615	66.67
Endosulfan I (ug/L)	MW-30R	4	0.03112	0.004403	0.002202	0.0322	0.0283	0.03395	0.0249	0.0352	100
Endosulfan I (ug/L)	MW-31R	3	0.03147	0.00546	0.003152	0.034	0.0252	0.0352	0.0252	0.0352	100
Endosulfan I (ug/L)	MW-32R	3	0.03057	0.003958	0.002285	0.0327	0.026	0.033	0.026	0.033	100
Endosulfan I (ug/L)	MW-33R	3	0.03267	0.006901	0.003984	0.0328	0.0257	0.0395	0.0257	0.0395	100
Endosulfan I (ug/L)	MW-39	3	0.03007	0.004521	0.00261	0.032	0.0249	0.0333	0.0249	0.0333	100
Endosulfan I (ug/L)	MW-50	2	0.03335	0.000495	0.00035	0.03335	0.03335	0.03335	0.033	0.0337	100
Endosulfan I (ug/L)	MW-51	2	0.03405	0.001061	0.00075	0.03405	0.03405	0.03405	0.0333	0.0348	100
Endosulfan I (ug/L)	MW-52	2	0.0333	0	0	0.0333	0.0333	0.0333	0.0333	0.0333	100
Endosulfan I (ug/L)	MW-53	2	0.03425	0.001344	0.00095	0.03425	0.03425	0.03425	0.0333	0.0352	100
Endosulfan I (ug/L)	MW-54	2	0.0191	0.02333	0.0165	0.0191	0.0191	0.0191	0.0026	0.0356	50
Endosulfan I (ug/L)	MW-55	3	0.03083	0.005052	0.002917	0.032	0.0253	0.0352	0.0253	0.0352	100
Endosulfan I (ug/L)	MW-56	3	0.02016	0.01577	0.009105	0.0245	0.00267	0.0333	0.00267	0.0333	66.67
Endosulfan I (ug/L)	MW-58	6	0.02711	0.02293	0.009361	0.0295	0.00282	0.049	0.00268	0.064	66.67
Endosulfan I (ug/L)	MW-57R	2	0.0253	0.0008485	0.0006	0.0253	0.0253	0.0253	0.0247	0.0259	100

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Endosulfan II (ug/L)	MW-14R	6	0.0352	0.01344	0.005486	0.03235	0.02565	0.0476	0.0234	0.0615	100
Endosulfan II (ug/L)	MW-18	3	0.03113	0.006591	0.003805	0.0327	0.0239	0.0368	0.0239	0.0368	100
Endosulfan II (ug/L)	MW-19	3	0.03337	0.009655	0.005574	0.033	0.0239	0.0432	0.0239	0.0432	100
Endosulfan II (ug/L)	MW-28	3	0.03097	0.00645	0.003724	0.0337	0.0236	0.0356	0.0236	0.0356	100
Endosulfan II (ug/L)	MW-29	10	0.03327	0.004911	0.001553	0.03325	0.03005	0.0366	0.0243	0.0419	80
Endosulfan II (ug/L)	MW-30R	4	0.02975	0.005314	0.002657	0.0303	0.02555	0.03395	0.0232	0.0352	100
Endosulfan II (ug/L)	MW-31R	3	0.03087	0.006494	0.003749	0.034	0.0234	0.0352	0.0234	0.0352	100
Endosulfan II (ug/L)	MW-32R	3	0.02993	0.005054	0.002918	0.0327	0.0241	0.033	0.0241	0.033	100
Endosulfan II (ug/L)	MW-33R	3	0.03203	0.007878	0.004548	0.0328	0.0238	0.0395	0.0238	0.0395	100
Endosulfan II (ug/L)	MW-39	3	0.0295	0.005495	0.003172	0.032	0.0232	0.0333	0.0232	0.0333	100
Endosulfan II (ug/L)	MW-50	2	0.03335	0.000495	0.00035	0.03335	0.03335	0.03335	0.033	0.0337	100
Endosulfan II (ug/L)	MW-51	2	0.03405	0.001061	0.00075	0.03405	0.03405	0.03405	0.0333	0.0348	100
Endosulfan II (ug/L)	MW-52	2	0.0333	0	0	0.0333	0.0333	0.0333	0.0333	0.0333	100
Endosulfan II (ug/L)	MW-53	2	0.03425	0.001344	0.00095	0.03425	0.03425	0.03425	0.0333	0.0352	100
Endosulfan II (ug/L)	MW-54	2	0.01816	0.02142	0.01515	0.01816	0.01816	0.01816	0.00301	0.0333	50
Endosulfan II (ug/L)	MW-55	3	0.02162	0.01461	0.008436	0.0235	0.00616	0.0352	0.00616	0.0352	66.67
Endosulfan II (ug/L)	MW-56	3	0.0298	0.006062	0.0035	0.0333	0.0228	0.0333	0.0228	0.0333	100
Endosulfan II (ug/L)	MW-58	3	0.03027	0.005623	0.003246	0.033	0.0238	0.034	0.0238	0.034	100
Endosulfan II (ug/L)	MW-57R	2	0.0235	0.0008485	0.0006	0.0235	0.0235	0.0235	0.0229	0.0241	100
Ethylbenzene (ug/L)	GU-3A	18	1.021	0.7249	0.1709	1	0.502	1	0.31	3.45	88.89
Ethylbenzene (ug/L)	MW-14R	22	0.8795	0.2624	0.05594	1	1	1	0.31	1	100
Ethylbenzene (ug/L)	MW-18	17	0.8441	0.2906	0.07049	1	0.71	1	0.31	1	100
Ethylbenzene (ug/L)	MW-19	22	0.8795	0.2624	0.05594	1	1	1	0.31	1	100
Ethylbenzene (ug/L)	MW-23 (bg)	8	0.6687	0.3559	0.1258	0.71	0.31	1	0.31	1	100
Ethylbenzene (ug/L)	MW-24R (bg)	10	0.735	0.3436	0.1087	1	0.31	1	0.31	1	100
Ethylbenzene (ug/L)	MW-28	22	0.8795	0.2624	0.05594	1	1	1	0.31	1	100
Ethylbenzene (ug/L)	MW-29	21	0.8738	0.2674	0.05836	1	1	1	0.31	1	100
Ethylbenzene (ug/L)	MW-30R	22	0.8795	0.2624	0.05594	1	1	1	0.31	1	100
Ethylbenzene (ug/L)	MW-31R	17	0.8847	0.2577	0.0625	1	1	1	0.31	1	100
Ethylbenzene (ug/L)	MW-32R	17	0.8847	0.2577	0.0625	1	1	1	0.31	1	100
Ethylbenzene (ug/L)	MW-33R	22	0.8795	0.2624	0.05594	1	1	1	0.31	1	100
Ethylbenzene (ug/L)	MW-39	19	0.8605	0.2784	0.06387	1	1	1	0.31	1	100
Ethylbenzene (ug/L)	MW-50	19	0.9637	0.1583	0.03632	1	1	1	0.31	1	100
Ethylbenzene (ug/L)	MW-51	20	0.9655	0.1543	0.0345	1	1	1	0.31	1	100
Ethylbenzene (ug/L)	MW-52	20	0.9655	0.1543	0.0345	1	1	1	0.31	1	100
Ethylbenzene (ug/L)	MW-53	20	28.61	13.26	2.966	32.4	20.35	37.95	4.4	46.2	0
Ethylbenzene (ug/L)	MW-54	20	0.9853	0.06596	0.01475	1	1	1	0.705	1	95
Ethylbenzene (ug/L)	MW-55	22	0.8795	0.2624	0.05594	1	1	1	0.31	1	100
Ethylbenzene (ug/L)	MW-56	21	0.8738	0.2674	0.05836	1	1	1	0.31	1	100
Ethylbenzene (ug/L)	MW-58	21	0.8738	0.2674	0.05836	1	1	1	0.31	1	100
Ethylbenzene (ug/L)	MW-68	6	0.5583	0.3448	0.1407	0.365	0.31	1	0.31	1	100
Ethylbenzene (ug/L)	MW-69	6	0.5583	0.3448	0.1407	0.365	0.31	1	0.31	1	100
Ethylbenzene (ug/L)	MW-70	6	0.5583	0.3448	0.1407	0.365	0.31	1	0.31	1	100
Ethylbenzene (ug/L)	PZ-13	6	0.5583	0.3448	0.1407	0.365	0.31	1	0.31	1	100
Ethylbenzene (ug/L)	MW-57R	11	0.5709	0.3417	0.103	0.31	0.31	1	0.31	1	100
Ethylbenzene (ug/L)	MW-73	11	0.5709	0.3417	0.103	0.31	0.31	1	0.31	1	100
Gamma-BHC [Lindane] (ug/L)	MW-14R	6	0.03392	0.01666	0.0068	0.0332	0.0205	0.04805	0.009	0.0615	100
Gamma-BHC [Lindane] (ug/L)	MW-18	3	0.02624	0.01489	0.008595	0.0327	0.00921	0.0368	0.00921	0.0368	100
Gamma-BHC [Lindane] (ug/L)	MW-19	3	0.02847	0.01744	0.01007	0.033	0.00921	0.0432	0.00921	0.0432	100
Gamma-BHC [Lindane] (ug/L)	MW-28	3	0.02612	0.0148	0.008544	0.0337	0.00907	0.0356	0.00907	0.0356	100

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Gamma-BHC [Lindane] (ug/L)	MW-29	6	0.02246	0.0133	0.005431	0.0226	0.00978	0.035	0.00936	0.036	66.67
Gamma-BHC [Lindane] (ug/L)	MW-30R	4	0.02785	0.01267	0.006337	0.03365	0.0208	0.0349	0.00891	0.0352	100
Gamma-BHC [Lindane] (ug/L)	MW-31R	3	0.02607	0.01479	0.00854	0.034	0.009	0.0352	0.009	0.0352	100
Gamma-BHC [Lindane] (ug/L)	MW-32R	3	0.02499	0.01361	0.007857	0.0327	0.00928	0.033	0.00928	0.033	100
Gamma-BHC [Lindane] (ug/L)	MW-33R	4	0.02937	0.01375	0.006873	0.0344	0.02098	0.03775	0.00916	0.0395	100
Gamma-BHC [Lindane] (ug/L)	MW-39	3	0.02474	0.01372	0.007922	0.032	0.00891	0.0333	0.00891	0.0333	100
Gamma-BHC [Lindane] (ug/L)	MW-50	2	0.03335	0.000495	0.00035	0.03335	0.03335	0.03335	0.033	0.0337	100
Gamma-BHC [Lindane] (ug/L)	MW-51	2	0.01852	0.02302	0.01628	0.01852	0.01852	0.01852	0.00224	0.0348	50
Gamma-BHC [Lindane] (ug/L)	MW-52	2	0.0333	0	0	0.0333	0.0333	0.0333	0.0333	0.0333	100
Gamma-BHC [Lindane] (ug/L)	MW-53	2	0.03425	0.001344	0.00095	0.03425	0.03425	0.03425	0.0333	0.0352	100
Gamma-BHC [Lindane] (ug/L)	MW-54	2	0.01973	0.0192	0.01358	0.01973	0.01973	0.01973	0.00615	0.0333	50
Gamma-BHC [Lindane] (ug/L)	MW-55	3	0.02541	0.01427	0.008239	0.032	0.00904	0.0352	0.00904	0.0352	100
Gamma-BHC [Lindane] (ug/L)	MW-56	3	0.02512	0.01417	0.008183	0.0333	0.00875	0.0333	0.00875	0.0333	100
Gamma-BHC [Lindane] (ug/L)	MW-58	6	0.03479	0.01742	0.00711	0.03365	0.02108	0.04965	0.00916	0.064	100
Gamma-BHC [Lindane] (ug/L)	MW-57R	2	0.00904	0.0003111	0.00022	0.00904	0.00904	0.00904	0.00882	0.00926	100
Heptachlor (ug/L)	MW-14R	3	0.0284	0.006673	0.003853	0.032	0.0207	0.0325	0.0207	0.0325	100
Heptachlor (ug/L)	MW-18	3	0.01977	0.0137	0.00791	0.0212	0.00541	0.0327	0.00541	0.0327	66.67
Heptachlor (ug/L)	MW-19	3	0.03247	0.01101	0.006356	0.033	0.0212	0.0432	0.0212	0.0432	100
Heptachlor (ug/L)	MW-28	3	0.03007	0.007995	0.004616	0.0337	0.0209	0.0356	0.0209	0.0356	100
Heptachlor (ug/L)	MW-29	7	0.0291	0.01785	0.006746	0.0311	0.0147	0.0352	0.00599	0.0615	71.43
Heptachlor (ug/L)	MW-30R	4	0.03002	0.006518	0.003259	0.0322	0.0261	0.03395	0.0205	0.0352	100
Heptachlor (ug/L)	MW-31R	3	0.02997	0.008048	0.004646	0.034	0.0207	0.0352	0.0207	0.0352	100
Heptachlor (ug/L)	MW-32R	3	0.02903	0.006612	0.003818	0.0327	0.0214	0.033	0.0214	0.033	100
Heptachlor (ug/L)	MW-33R	3	0.03113	0.009313	0.005377	0.0328	0.0211	0.0395	0.0211	0.0395	100
Heptachlor (ug/L)	MW-39	3	0.0286	0.007045	0.004067	0.032	0.0205	0.0333	0.0205	0.0333	100
Heptachlor (ug/L)	MW-50	2	0.03335	0.000495	0.00035	0.03335	0.03335	0.03335	0.033	0.0337	100
Heptachlor (ug/L)	MW-51	2	0.03405	0.001061	0.00075	0.03405	0.03405	0.03405	0.0333	0.0348	100
Heptachlor (ug/L)	MW-52	2	0.0333	0	0	0.0333	0.0333	0.0333	0.0333	0.0333	100
Heptachlor (ug/L)	MW-53	2	0.03425	0.001344	0.00095	0.03425	0.03425	0.03425	0.0333	0.0352	100
Heptachlor (ug/L)	MW-54	2	0.03445	0.001626	0.00115	0.03445	0.03445	0.03445	0.0333	0.0356	100
Heptachlor (ug/L)	MW-55	3	0.02933	0.007561	0.004366	0.032	0.0208	0.0352	0.0208	0.0352	100
Heptachlor (ug/L)	MW-56	3	0.0289	0.007621	0.0044	0.0333	0.0201	0.0333	0.0201	0.0333	100
Heptachlor (ug/L)	MW-58	6	0.0363	0.01441	0.005884	0.03315	0.02675	0.049	0.0211	0.064	100
Heptachlor (ug/L)	MW-57R	2	0.0208	0.0007071	0.0005	0.0208	0.0208	0.0208	0.0203	0.0213	100
Heptachlor Epoxide (ug/L)	MW-14R	3	0.0311	0.002007	0.001159	0.032	0.0288	0.0325	0.0288	0.0325	100
Heptachlor Epoxide (ug/L)	MW-18	3	0.033	0.003659	0.002113	0.0327	0.0295	0.0368	0.0295	0.0368	100
Heptachlor Epoxide (ug/L)	MW-19	3	0.03523	0.007118	0.004109	0.033	0.0295	0.0432	0.0295	0.0432	100
Heptachlor Epoxide (ug/L)	MW-28	2	0.0323	0.004667	0.0033	0.0323	0.0323	0.0323	0.029	0.0356	100
Heptachlor Epoxide (ug/L)	MW-29	7	0.02664	0.0171	0.006463	0.0272	0.0126	0.0299	0.0119	0.0615	42.86
Heptachlor Epoxide (ug/L)	MW-30R	4	0.03107	0.003482	0.001741	0.0306	0.0282	0.03395	0.0279	0.0352	100
Heptachlor Epoxide (ug/L)	MW-31R	3	0.03267	0.003402	0.001964	0.034	0.0288	0.0352	0.0288	0.0352	100
Heptachlor Epoxide (ug/L)	MW-32R	3	0.0318	0.001825	0.001054	0.0327	0.0297	0.033	0.0297	0.033	100
Heptachlor Epoxide (ug/L)	MW-33R	3	0.03387	0.005183	0.002992	0.0328	0.0293	0.0395	0.0293	0.0395	100
Heptachlor Epoxide (ug/L)	MW-39	3	0.03127	0.002483	0.001433	0.032	0.0285	0.0333	0.0285	0.0333	100
Heptachlor Epoxide (ug/L)	MW-50	2	0.03335	0.000495	0.00035	0.03335	0.03335	0.03335	0.033	0.0337	100
Heptachlor Epoxide (ug/L)	MW-51	2	0.03405	0.001061	0.00075	0.03405	0.03405	0.03405	0.0333	0.0348	100
Heptachlor Epoxide (ug/L)	MW-52	2	0.0333	0	0	0.0333	0.0333	0.0333	0.0333	0.0333	100
Heptachlor Epoxide (ug/L)	MW-53	2	0.03425	0.001344	0.00095	0.03425	0.03425	0.03425	0.0333	0.0352	100
Heptachlor Epoxide (ug/L)	MW-54	2	0.03445	0.001626	0.00115	0.03445	0.03445	0.03445	0.0333	0.0356	100
Heptachlor Epoxide (ug/L)	MW-55	3	0.03203	0.00315	0.001819	0.032	0.0289	0.0352	0.0289	0.0352	100

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Heptachlor Epoxide (ug/L)	MW-56	3	0.03153	0.00306	0.001767	0.0333	0.028	0.0333	0.028	0.0333	100
Heptachlor Epoxide (ug/L)	MW-58	3	0.0321	0.002476	0.001429	0.033	0.0293	0.034	0.0293	0.034	100
Heptachlor Epoxide (ug/L)	MW-57R	2	0.0289	0.0009899	0.0007	0.0289	0.0289	0.0289	0.0282	0.0296	100
Iron, Dissolved (mg/L)	SW-101	9	0.4813	0.6697	0.2232	0.5	0.043	0.5	0.036	2.16	88.89
Iron, Dissolved (mg/L)	SW-102	8	0.3295	0.2354	0.08321	0.5	0.05	0.5	0.036	0.5	100
Iron, Dissolved (mg/L)	SW-103	9	0.3398	0.2253	0.07511	0.5	0.043	0.5	0.036	0.5	88.89
Iron, Dissolved (mg/L)	SW-104	6	0.3983	0.2923	0.1193	0.5	0.05	0.645	0.05	0.79	83.33
Iron, Dissolved (mg/L)	SW-105	6	0.5083	0.5113	0.2087	0.5	0.05	0.975	0.05	1.45	83.33
Iron, Dissolved (mg/L)	SW-106	9	0.3008	0.2448	0.08162	0.5	0.043	0.5	0.036	0.535	88.89
Iron, Dissolved (mg/L)	SW-107	9	0.2969	0.2409	0.0803	0.5	0.043	0.5	0.036	0.5	100
Lead (mg/L)	GU-3A	19	0.002636	0.002787	0.0006393	0.00144	0.000333	0.004	0.00024	0.01071	78.95
Lead (mg/L)	MW-14R	22	0.002022	0.00185	0.0003944	0.0005	0.0003125	0.004	0.00024	0.004	86.36
Lead (mg/L)	MW-18	17	0.001541	0.001651	0.0004004	0.0005	0.000415	0.004	0.00024	0.004	82.35
Lead (mg/L)	MW-19	22	0.002228	0.001786	0.0003808	0.00242	0.0005	0.004	0.00026	0.004	86.36
Lead (mg/L)	MW-23 (bg)	19	0.001692	0.001815	0.0004164	0.0005	0.00026	0.004	0.000098	0.004	84.21
Lead (mg/L)	MW-24R (bg)	17	0.001509	0.001663	0.0004033	0.0005	0.000415	0.004	0.00024	0.004	88.24
Lead (mg/L)	MW-28	22	0.002019	0.001854	0.0003953	0.0005185	0.00033	0.004	0.000097	0.004	81.82
Lead (mg/L)	MW-29	21	0.00196	0.001812	0.0003954	0.0005	0.0005	0.004	0.00024	0.004	100
Lead (mg/L)	MW-30R	22	0.002252	0.001762	0.0003756	0.00141	0.0005375	0.004	0.00026	0.00497	54.55
Lead (mg/L)	MW-31R	22	0.00217	0.001787	0.000381	0.001777	0.0005	0.004	0.0002	0.004	81.82
Lead (mg/L)	MW-32R	22	0.008199	0.01293	0.002757	0.00286	0.000958	0.01324	0.000273	0.0546	13.64
Lead (mg/L)	MW-33R	22	0.003674	0.005187	0.001106	0.002403	0.0006955	0.004	0.00033	0.023	36.36
Lead (mg/L)	MW-39	21	0.001941	0.00183	0.0003993	0.0005	0.000415	0.004	0.00011	0.004	95.24
Lead (mg/L)	MW-50	19	0.002363	0.001794	0.0004116	0.004	0.0005	0.004	0.000245	0.004	73.68
Lead (mg/L)	MW-51	20	0.002401	0.001816	0.0004061	0.004	0.0005	0.004	0.00024	0.004	85
Lead (mg/L)	MW-52	21	0.005096	0.008179	0.001785	0.004	0.000649	0.004	0.000231	0.0321	61.9
Lead (mg/L)	MW-53	19	0.002324	0.001816	0.0004167	0.004	0.0005	0.004	0.00024	0.004	94.74
Lead (mg/L)	MW-54	20	0.002674	0.002419	0.000541	0.004	0.0005	0.004	0.000159	0.009605	75
Lead (mg/L)	MW-55	22	0.001807	0.001754	0.000374	0.0005	0.000359	0.004	0.000183	0.004	81.82
Lead (mg/L)	MW-56	21	0.001876	0.001754	0.0003827	0.000526	0.000415	0.004	0.000229	0.004	76.19
Lead (mg/L)	MW-58	20	0.0026	0.002447	0.0005471	0.00235	0.000368	0.004	0.000242	0.00732	45
Lead (mg/L)	MW-57R	11	0.0005801	0.0003813	0.000115	0.000494	0.00033	0.000615	0.00024	0.00156	18.18
Lead (mg/L)	MW-73	10	0.001218	0.001192	0.000377	0.0008175	0.000316	0.00171	0.000269	0.00416	10
Mercury (mg/L)	MW-14R	3	0.00017	0.00005196	0.00003	0.0002	0.00011	0.0002	0.00011	0.0002	100
Mercury (mg/L)	MW-18	5	0.0001698	0.00004261	0.00001905	0.0002	0.0001245	0.0002	0.00011	0.0002	80
Mercury (mg/L)	MW-19	4	0.0001622	0.00004517	0.00002258	0.0001695	0.0001245	0.0002	0.00011	0.0002	75
Mercury (mg/L)	MW-28	4	0.0001622	0.00004517	0.00002258	0.0001695	0.0001245	0.0002	0.00011	0.0002	75
Mercury (mg/L)	MW-29	3	0.00017	0.00005196	0.00003	0.0002	0.00011	0.0002	0.00011	0.0002	100
Mercury (mg/L)	MW-30R	3	0.0001787	0.00003695	0.00002133	0.0002	0.000136	0.0002	0.000136	0.0002	66.67
Mercury (mg/L)	MW-31R	3	0.0001943	0.00000...	0.00000...	0.0002	0.000183	0.0002	0.000183	0.0002	66.67
Mercury (mg/L)	MW-32R	3	0.00017	0.00005196	0.00003	0.0002	0.00011	0.0002	0.00011	0.0002	100
Mercury (mg/L)	MW-33R	3	0.00017	0.00005196	0.00003	0.0002	0.00011	0.0002	0.00011	0.0002	100
Mercury (mg/L)	MW-39	3	0.00017	0.00005196	0.00003	0.0002	0.00011	0.0002	0.00011	0.0002	100
Mercury (mg/L)	MW-50	2	0.0002	0	0	0.0002	0.0002	0.0002	0.0002	0.0002	100
Mercury (mg/L)	MW-51	2	0.0002	0	0	0.0002	0.0002	0.0002	0.0002	0.0002	100
Mercury (mg/L)	MW-52	2	0.0002	0	0	0.0002	0.0002	0.0002	0.0002	0.0002	100
Mercury (mg/L)	MW-53	2	0.0002	0	0	0.0002	0.0002	0.0002	0.0002	0.0002	100
Mercury (mg/L)	MW-54	2	0.000173	0.00003818	0.000027	0.000173	0.000173	0.000173	0.000146	0.0002	50
Mercury (mg/L)	MW-55	3	0.00017	0.00005196	0.00003	0.0002	0.00011	0.0002	0.00011	0.0002	100
Mercury (mg/L)	MW-56	3	0.0001807	0.00003349	0.00001933	0.0002	0.000142	0.0002	0.000142	0.0002	66.67

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Mercury (mg/L)	MW-58	3	0.000192	0.00001386	0.000008	0.0002	0.000176	0.0002	0.000176	0.0002	66.67
Mercury (mg/L)	MW-57R	2	0.000093	0.00002404	0.000017	0.000093	0.000093	0.000093	0.000076	0.00011	100
Nickel (mg/L)	GU-3A	18	0.02867	0.01931	0.004553	0.0286	0.007465	0.05	0.00344	0.05	44.44
Nickel (mg/L)	MW-14R	22	0.02498	0.0234	0.004988	0.005	0.005	0.05	0.0019	0.05	95.45
Nickel (mg/L)	MW-18	17	0.01253	0.01807	0.004381	0.00426	0.002485	0.0104	0.0021	0.05	23.53
Nickel (mg/L)	MW-19	22	0.02572	0.02455	0.005233	0.00965	0.0023	0.05	0.00145	0.0661	77.27
Nickel (mg/L)	MW-23 (bg)	14	0.004673	0.003282	0.0008773	0.00417	0.002195	0.00621	0.00158	0.0132	21.43
Nickel (mg/L)	MW-24R (bg)	12	0.003689	0.001671	0.0004825	0.005	0.0022	0.005	0.00067	0.005	91.67
Nickel (mg/L)	MW-28	22	0.02481	0.02356	0.005023	0.005	0.00365	0.05	0.0019	0.05	95.45
Nickel (mg/L)	MW-29	21	0.09634	0.01849	0.004035	0.0997	0.07935	0.1085	0.0621	0.133	0
Nickel (mg/L)	MW-30R	22	0.02413	0.0221	0.004712	0.0075	0.00573	0.05	0.0024	0.05	40.91
Nickel (mg/L)	MW-31R	22	0.02503	0.02334	0.004977	0.005	0.005	0.05	0.0019	0.05	95.45
Nickel (mg/L)	MW-32R	22	0.02481	0.02355	0.005022	0.005	0.003215	0.05	0.0021	0.05	86.36
Nickel (mg/L)	MW-33R	22	0.02237	0.02151	0.004585	0.00736	0.00512	0.05	0.00345	0.05	36.36
Nickel (mg/L)	MW-39	21	0.0273	0.01667	0.003638	0.026	0.01435	0.05	0.0045	0.05	28.57
Nickel (mg/L)	MW-50	19	0.02613	0.02331	0.005347	0.00831	0.005	0.05	0.00122	0.05	89.47
Nickel (mg/L)	MW-51	20	0.02664	0.02399	0.005363	0.0287	0.00298	0.05	0.00165	0.05	50
Nickel (mg/L)	MW-52	20	0.02894	0.02417	0.005404	0.02987	0.005065	0.05	0.00233	0.0658	45
Nickel (mg/L)	MW-53	19	0.0274	0.02212	0.005074	0.00982	0.0076	0.05	0.000776	0.05	52.63
Nickel (mg/L)	MW-54	20	0.02664	0.02183	0.004882	0.01315	0.006385	0.05	0.00492	0.05	45
Nickel (mg/L)	MW-55	22	0.02031	0.02111	0.004501	0.008295	0.00365	0.05	0.0019	0.05	68.18
Nickel (mg/L)	MW-56	21	0.02773	0.0169	0.003687	0.0205	0.01535	0.05	0.00709	0.05	33.33
Nickel (mg/L)	MW-58	21	0.04422	0.02225	0.004856	0.05	0.02765	0.05015	0.0129	0.118	28.57
Nickel (mg/L)	MW-57R	11	0.03502	0.009884	0.00298	0.0356	0.0275	0.0401	0.0159	0.0526	0
Nickel (mg/L)	MW-73	11	0.01779	0.006068	0.001829	0.0181	0.0124	0.0209	0.0103	0.0301	0
Nitrate as N (mg/L)	SW-105	6	0.7388	0.9972	0.4071	0.315	0.089	1.813	0.078	2.64	50
Nitrate as N (mg/L)	SW-107	8	5.166	4.083	1.444	4.6	2.16	7.52	0.166	12.6	0
Selenium (mg/L)	GU-3A	19	0.004121	0.001743	0.0003998	0.005	0.0014	0.005	0.00112	0.00657	89.47
Selenium (mg/L)	MW-14R	20	0.004089	0.00162	0.0003621	0.005	0.0032	0.005	0.00118	0.005	95
Selenium (mg/L)	MW-18	17	0.003702	0.001813	0.0004398	0.005	0.0014	0.005	0.001	0.005	88.24
Selenium (mg/L)	MW-19	22	0.004167	0.001574	0.0003355	0.005	0.0032	0.005	0.00107	0.005	95.45
Selenium (mg/L)	MW-23 (bg)	17	0.004153	0.001574	0.0003818	0.005	0.0032	0.005	0.0014	0.005	100
Selenium (mg/L)	MW-24R (bg)	15	0.002895	0.001818	0.0004694	0.00208	0.00142	0.005	0.000554	0.005	46.67
Selenium (mg/L)	MW-28	22	0.004166	0.001576	0.0003359	0.005	0.0032	0.005	0.00105	0.005	95.45
Selenium (mg/L)	MW-29	18	0.0042	0.00154	0.000363	0.005	0.0032	0.005	0.0014	0.005	100
Selenium (mg/L)	MW-30R	20	0.00428	0.001477	0.0003304	0.005	0.005	0.005	0.0014	0.005	100
Selenium (mg/L)	MW-31R	20	0.00428	0.001477	0.0003304	0.005	0.005	0.005	0.0014	0.005	100
Selenium (mg/L)	MW-32R	20	0.00428	0.001477	0.0003304	0.005	0.005	0.005	0.0014	0.005	100
Selenium (mg/L)	MW-33R	22	0.004175	0.001557	0.000332	0.005	0.0032	0.005	0.00125	0.005	95.45
Selenium (mg/L)	MW-39	19	0.004134	0.001524	0.0003497	0.005	0.002938	0.005	0.0014	0.005	94.74
Selenium (mg/L)	MW-50	19	0.004704	0.0008938	0.000205	0.005	0.005	0.005	0.00187	0.005	94.74
Selenium (mg/L)	MW-51	20	0.004695	0.0009556	0.0002137	0.005	0.005	0.005	0.0014	0.005	100
Selenium (mg/L)	MW-52	20	0.004695	0.0009556	0.0002137	0.005	0.005	0.005	0.0014	0.005	100
Selenium (mg/L)	MW-53	18	0.004713	0.001046	0.0002465	0.005	0.005	0.005	0.0014	0.00593	94.44
Selenium (mg/L)	MW-54	18	0.004438	0.001321	0.0003113	0.005	0.005	0.005	0.000983	0.005	94.44
Selenium (mg/L)	MW-55	22	0.004345	0.001421	0.000303	0.005	0.005	0.005	0.0014	0.005	100
Selenium (mg/L)	MW-56	21	0.003827	0.001719	0.0003752	0.005	0.0014	0.005	0.00101	0.005	90.48
Selenium (mg/L)	MW-58	19	0.003813	0.0018	0.0004129	0.005	0.0014	0.005	0.000794	0.005	89.47
Selenium (mg/L)	MW-57R	11	0.002629	0.001887	0.000569	0.0014	0.0014	0.005	0.00096	0.005	100
Selenium (mg/L)	MW-73	10	0.002796	0.001902	0.0006013	0.0014	0.0014	0.005	0.00096	0.005	100

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Silver (mg/L)	GU-3A	19	0.008851	0.009771	0.002242	0.001	0.0005	0.02	0.000178	0.02	94.74
Silver (mg/L)	MW-14R	20	0.0104	0.009851	0.002203	0.0105	0.001	0.02	0.0005	0.02	100
Silver (mg/L)	MW-18	17	0.006471	0.009004	0.002184	0.001	0.00075	0.02	0.0005	0.02	100
Silver (mg/L)	MW-19	22	0.009545	0.00977	0.002083	0.001	0.001	0.02	0.0005	0.02	100
Silver (mg/L)	MW-23 (bg)	17	0.008706	0.009742	0.002363	0.001	0.00075	0.02	0.0005	0.02	100
Silver (mg/L)	MW-24R (bg)	15	0.0072	0.009371	0.00242	0.001	0.0005	0.02	0.0005	0.02	100
Silver (mg/L)	MW-28	22	0.009545	0.00977	0.002083	0.001	0.001	0.02	0.0005	0.02	100
Silver (mg/L)	MW-29	19	0.008959	0.009696	0.002224	0.001	0.0005	0.02	0.00009	0.02	84.21
Silver (mg/L)	MW-30R	20	0.01035	0.0099	0.002214	0.0105	0.00075	0.02	0.000072	0.02	95
Silver (mg/L)	MW-31R	20	0.01038	0.009874	0.002208	0.0105	0.0007768	0.02	0.0005	0.02	95
Silver (mg/L)	MW-32R	20	0.0104	0.009851	0.002203	0.0105	0.001	0.02	0.0005	0.02	100
Silver (mg/L)	MW-33R	22	0.009545	0.00977	0.002083	0.001	0.001	0.02	0.0005	0.02	100
Silver (mg/L)	MW-39	19	0.009497	0.009569	0.002195	0.001	0.001	0.02	0.0005	0.02	94.74
Silver (mg/L)	MW-50	19	0.01095	0.009805	0.002249	0.02	0.001	0.02	0.0005	0.02	100
Silver (mg/L)	MW-51	20	0.0114	0.009756	0.002181	0.02	0.001	0.02	0.0005	0.02	100
Silver (mg/L)	MW-52	20	0.0114	0.009756	0.002181	0.02	0.001	0.02	0.0005	0.02	100
Silver (mg/L)	MW-53	19	0.01095	0.009805	0.002249	0.02	0.001	0.02	0.0005	0.02	100
Silver (mg/L)	MW-54	20	0.0114	0.009756	0.002181	0.02	0.001	0.02	0.0005	0.02	100
Silver (mg/L)	MW-55	22	0.008682	0.009641	0.002055	0.001	0.001	0.02	0.0005	0.02	100
Silver (mg/L)	MW-56	21	0.009006	0.009758	0.002129	0.001	0.000566	0.02	0.0005	0.02	95.24
Silver (mg/L)	MW-58	19	0.008985	0.009663	0.002217	0.001	0.001	0.02	0.0005	0.02	94.74
Silver (mg/L)	MW-57R	11	0.00068	0.0002537	0.0000765	0.0005	0.0005	0.001	0.00049	0.001	100
Silver (mg/L)	MW-73	11	0.0006809	0.000253	0.00007628	0.0005	0.0005	0.001	0.00049	0.001	100
Sulfide (mg/L)	MW-14R	4	0.6155	0.444	0.222	0.6155	0.231	1	0.231	1	100
Sulfide (mg/L)	MW-18	11	1.104	0.642	0.1936	1	1	1	0.231	2.91	90.91
Sulfide (mg/L)	MW-19	3	0.7437	0.444	0.2563	1	0.231	1	0.231	1	100
Sulfide (mg/L)	MW-23 (bg)	4	0.8423	0.3155	0.1578	1	0.6845	1	0.369	1	75
Sulfide (mg/L)	MW-24R (bg)	4	1	0	0	1	1	1	1	1	100
Sulfide (mg/L)	MW-28	3	0.7437	0.444	0.2563	1	0.231	1	0.231	1	100
Sulfide (mg/L)	MW-29	11	0.8364	0.3093	0.09327	1	0.738	1	0.231	1	90.91
Sulfide (mg/L)	MW-30R	7	0.5013	0.3514	0.1328	0.4	0.231	1	0.214	1	57.14
Sulfide (mg/L)	MW-31R	7	1.326	1.791	0.677	1	0.231	1	0.231	5.31	71.43
Sulfide (mg/L)	MW-32R	7	0.7014	0.3793	0.1434	1	0.231	1	0.231	1	85.71
Sulfide (mg/L)	MW-33R	3	0.7437	0.444	0.2563	1	0.231	1	0.231	1	100
Sulfide (mg/L)	MW-39	3	0.7437	0.444	0.2563	1	0.231	1	0.231	1	100
Sulfide (mg/L)	MW-50	2	1	0	0	1	1	1	1	1	100
Sulfide (mg/L)	MW-51	2	1	0	0	1	1	1	1	1	100
Sulfide (mg/L)	MW-52	2	1	0	0	1	1	1	1	1	100
Sulfide (mg/L)	MW-53	2	1	0	0	1	1	1	1	1	100
Sulfide (mg/L)	MW-54	2	1	0	0	1	1	1	1	1	100
Sulfide (mg/L)	MW-55	4	2.866	4.77	2.385	0.6155	0.231	5.5	0.231	10	100
Sulfide (mg/L)	MW-56	3	0.7437	0.444	0.2563	1	0.231	1	0.231	1	100
Sulfide (mg/L)	MW-58	3	0.7437	0.444	0.2563	1	0.231	1	0.231	1	100
Sulfide (mg/L)	MW-57R	2	0.231	0	0	0.231	0.231	0.231	0.231	0.231	100
Tetrachloroethene (ug/L)	GU-3A	19	0.8905	0.2178	0.04997	1	1	1	0.48	1	100
Tetrachloroethene (ug/L)	MW-14R	23	0.9096	0.2015	0.04202	1	1	1	0.48	1	100
Tetrachloroethene (ug/L)	MW-18	17	0.8381	0.2609	0.06327	1	0.48	1	0.327	1	94.12
Tetrachloroethene (ug/L)	MW-19	22	0.9055	0.2053	0.04377	1	1	1	0.48	1	100
Tetrachloroethene (ug/L)	MW-23 (bg)	8	0.74	0.278	0.09827	0.74	0.48	1	0.48	1	100
Tetrachloroethene (ug/L)	MW-24R (bg)	10	0.792	0.2685	0.08492	1	0.48	1	0.48	1	100

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Tetrachloroethene (ug/L)	MW-28	22	0.9055	0.2053	0.04377	1	1	1	0.48	1	100
Tetrachloroethene (ug/L)	MW-29	23	1.039	0.445	0.09278	1	1	1	0.48	2.48	86.96
Tetrachloroethene (ug/L)	MW-30R	24	0.9133	0.198	0.04041	1	1	1	0.48	1	100
Tetrachloroethene (ug/L)	MW-31R	19	0.9179	0.1948	0.04469	1	1	1	0.48	1	100
Tetrachloroethene (ug/L)	MW-32R	19	0.9179	0.1948	0.04469	1	1	1	0.48	1	100
Tetrachloroethene (ug/L)	MW-33R	24	0.9133	0.198	0.04041	1	1	1	0.48	1	100
Tetrachloroethene (ug/L)	MW-39	19	0.8905	0.2178	0.04997	1	1	1	0.48	1	100
Tetrachloroethene (ug/L)	MW-50	19	0.9479	0.1561	0.03582	1	1	1	0.48	1	94.74
Tetrachloroethene (ug/L)	MW-51	20	0.9334	0.2104	0.04705	1	1	1	0.188	1	95
Tetrachloroethene (ug/L)	MW-52	22	5.158	6.651	1.418	1.005	0.982	8.665	0.48	24.5	31.82
Tetrachloroethene (ug/L)	MW-53	21	0.9752	0.1135	0.02476	1	1	1	0.48	1	100
Tetrachloroethene (ug/L)	MW-54	22	0.9764	0.1109	0.02364	1	1	1	0.48	1	100
Tetrachloroethene (ug/L)	MW-55	22	0.9055	0.2053	0.04377	1	1	1	0.48	1	100
Tetrachloroethene (ug/L)	MW-56	21	0.901	0.2092	0.04566	1	1	1	0.48	1	100
Tetrachloroethene (ug/L)	MW-58	22	0.9055	0.2053	0.04377	1	1	1	0.48	1	100
Tetrachloroethene (ug/L)	MW-68	13	0.8388	0.249	0.06907	1	0.48	1	0.48	1	92.31
Tetrachloroethene (ug/L)	MW-69	14	0.756	0.2552	0.0682	0.7945	0.48	1	0.48	1	78.57
Tetrachloroethene (ug/L)	MW-70	11	0.8109	0.2624	0.0791	1	0.48	1	0.48	1	100
Tetrachloroethene (ug/L)	PZ-13	14	0.8514	0.2438	0.06515	1	0.48	1	0.48	1	100
Tetrachloroethene (ug/L)	MW-57R	11	0.6691	0.2624	0.0791	0.48	0.48	1	0.48	1	100
Tetrachloroethene (ug/L)	MW-73	11	0.6691	0.2624	0.0791	0.48	0.48	1	0.48	1	100
Thallium (mg/L)	GU-3A	19	0.001242	0.0007139	0.0001638	0.001	0.00057	0.002	0.000038	0.002	84.21
Thallium (mg/L)	MW-14R	20	0.001399	0.0006459	0.0001444	0.0015	0.001	0.002	0.00026	0.002	100
Thallium (mg/L)	MW-18	17	0.001187	0.0005793	0.0001405	0.001	0.0008915	0.002	0.00026	0.002	94.12
Thallium (mg/L)	MW-19	22	0.001331	0.0006713	0.0001431	0.001	0.0009295	0.002	0.00003	0.002	90.91
Thallium (mg/L)	MW-23 (bg)	17	0.001292	0.0006447	0.0001564	0.001	0.000785	0.002	0.00026	0.002	100
Thallium (mg/L)	MW-24R (bg)	15	0.001198	0.0006276	0.000162	0.001	0.00057	0.002	0.00026	0.002	100
Thallium (mg/L)	MW-28	22	0.001376	0.0006104	0.0001301	0.001	0.001	0.002	0.00026	0.002	95.45
Thallium (mg/L)	MW-29	19	0.001367	0.0006474	0.0001485	0.001	0.001	0.002	0.00026	0.002	100
Thallium (mg/L)	MW-30R	19	0.001414	0.0006639	0.0001523	0.002	0.001	0.002	0.00026	0.002	94.74
Thallium (mg/L)	MW-31R	20	0.001399	0.0006459	0.0001444	0.0015	0.001	0.002	0.00026	0.002	100
Thallium (mg/L)	MW-32R	20	0.001381	0.0006619	0.000148	0.0015	0.000824	0.002	0.00026	0.002	95
Thallium (mg/L)	MW-33R	22	0.001362	0.0006255	0.0001333	0.001	0.001	0.002	0.00026	0.002	100
Thallium (mg/L)	MW-39	19	0.001367	0.0006474	0.0001485	0.001	0.001	0.002	0.00026	0.002	100
Thallium (mg/L)	MW-50	19	0.001621	0.0004894	0.0001123	0.002	0.001	0.002	0.001	0.002	94.74
Thallium (mg/L)	MW-51	20	0.001563	0.0005716	0.0001278	0.002	0.001	0.002	0.00026	0.002	100
Thallium (mg/L)	MW-52	20	0.001563	0.0005716	0.0001278	0.002	0.001	0.002	0.00026	0.002	100
Thallium (mg/L)	MW-53	19	0.00154	0.0005777	0.0001325	0.002	0.001	0.002	0.00026	0.002	100
Thallium (mg/L)	MW-54	20	0.001563	0.0005716	0.0001278	0.002	0.001	0.002	0.00026	0.002	100
Thallium (mg/L)	MW-55	22	0.001317	0.0006131	0.0001307	0.001	0.001	0.002	0.00026	0.002	100
Thallium (mg/L)	MW-56	20	0.00142	0.0006236	0.0001394	0.0015	0.001	0.002	0.00026	0.002	100
Thallium (mg/L)	MW-58	19	0.001367	0.0006474	0.0001485	0.001	0.001	0.002	0.00026	0.002	100
Thallium (mg/L)	MW-57R	11	0.0007973	0.0005817	0.0001754	0.00057	0.00026	0.001	0.00026	0.00228	100
Thallium (mg/L)	MW-73	11	0.0007236	0.0003194	0.00009631	0.00057	0.00057	0.001	0.00026	0.00116	90.91
Tin (mg/L)	MW-14R	3	0.03577	0.05564	0.03213	0.005	0.0023	0.1	0.0023	0.1	100
Tin (mg/L)	MW-18	4	0.05183	0.05564	0.02782	0.0525	0.00365	0.1	0.0023	0.1	100
Tin (mg/L)	MW-19	3	0.03577	0.05564	0.03213	0.005	0.0023	0.1	0.0023	0.1	100
Tin (mg/L)	MW-24R (bg)	3	0.1	0	0	0.1	0.1	0.1	0.1	0.1	100
Tin (mg/L)	MW-28	3	0.03577	0.05564	0.03213	0.005	0.0023	0.1	0.0023	0.1	100
Tin (mg/L)	MW-29	3	0.0691	0.1134	0.06545	0.005	0.0023	0.2	0.0023	0.2	100

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Tin (mg/L)	MW-30R	8	0.08829	0.1519	0.0537	0.005	0.005	0.1225	0.0023	0.439	75
Tin (mg/L)	MW-31R	3	0.03577	0.05564	0.03213	0.005	0.0023	0.1	0.0023	0.1	100
Tin (mg/L)	MW-32R	3	0.03577	0.05564	0.03213	0.005	0.0023	0.1	0.0023	0.1	100
Tin (mg/L)	MW-33R	11	0.01615	0.03877	0.01169	0.005	0.005	0.005	0.0023	0.133	90.91
Tin (mg/L)	MW-39	3	0.03577	0.05564	0.03213	0.005	0.0023	0.1	0.0023	0.1	100
Tin (mg/L)	MW-50	10	0.01783	0.04153	0.01313	0.005	0.005	0.005	0.0023	0.136	90
Tin (mg/L)	MW-51	20	0.05922	0.05142	0.0115	0.1	0.005	0.1	0.0023	0.142	95
Tin (mg/L)	MW-52	10	0.01853	0.04374	0.01383	0.005	0.005	0.005	0.0023	0.143	90
Tin (mg/L)	MW-53	10	0.01963	0.04722	0.01493	0.005	0.005	0.005	0.0023	0.154	90
Tin (mg/L)	MW-54	21	0.06097	0.05059	0.01104	0.1	0.005	0.1	0.0023	0.138	95.24
Tin (mg/L)	MW-55	22	0.06491	0.08527	0.01818	0.0525	0.005	0.1	0.0023	0.381	95.45
Tin (mg/L)	MW-56	7	0.03137	0.0469	0.01773	0.005	0.0023	0.1	0.0023	0.1	100
Tin (mg/L)	MW-58	4	0.05183	0.05564	0.02782	0.0525	0.00365	0.1	0.0023	0.1	100
Tin (mg/L)	MW-57R	8	0.003112	0.001187	0.0004198	0.0025	0.0023	0.004	0.0023	0.005	100
Tin (mg/L)	MW-73	1	0.005	0	0	0.005	0.005	0.005	0.005	0.005	100
Toluene (ug/L)	GU-3A	18	1.01	0.5835	0.1375	1	0.43	1	0.423	2.5	72.22
Toluene (ug/L)	MW-14R	22	0.8964	0.225	0.04797	1	1	1	0.43	1	100
Toluene (ug/L)	MW-18	17	0.8659	0.2492	0.06045	1	0.715	1	0.43	1	100
Toluene (ug/L)	MW-19	22	0.8964	0.225	0.04797	1	1	1	0.43	1	100
Toluene (ug/L)	MW-23 (bg)	8	0.715	0.3047	0.1077	0.715	0.43	1	0.43	1	100
Toluene (ug/L)	MW-24R (bg)	10	0.772	0.2943	0.09308	1	0.43	1	0.43	1	100
Toluene (ug/L)	MW-28	22	0.8964	0.225	0.04797	1	1	1	0.43	1	100
Toluene (ug/L)	MW-29	21	0.7436	0.3413	0.07449	1	0.43	1	0.198	1	76.19
Toluene (ug/L)	MW-30R	22	0.8964	0.225	0.04797	1	1	1	0.43	1	100
Toluene (ug/L)	MW-31R	17	0.8994	0.224	0.05432	1	1	1	0.43	1	100
Toluene (ug/L)	MW-32R	17	0.8994	0.224	0.05432	1	1	1	0.43	1	100
Toluene (ug/L)	MW-33R	22	0.8964	0.225	0.04797	1	1	1	0.43	1	100
Toluene (ug/L)	MW-39	19	0.88	0.2387	0.05477	1	1	1	0.43	1	100
Toluene (ug/L)	MW-50	19	0.97	0.1308	0.03	1	1	1	0.43	1	100
Toluene (ug/L)	MW-51	20	0.9715	0.1275	0.0285	1	1	1	0.43	1	100
Toluene (ug/L)	MW-52	20	0.9715	0.1275	0.0285	1	1	1	0.43	1	100
Toluene (ug/L)	MW-53	20	2.765	0.8604	0.1924	2.855	2.09	3.24	1.13	4.75	0
Toluene (ug/L)	MW-54	20	0.9715	0.1275	0.0285	1	1	1	0.43	1	100
Toluene (ug/L)	MW-55	22	0.871	0.2435	0.05191	1	0.721	1	0.43	1	95.45
Toluene (ug/L)	MW-56	21	0.8914	0.2294	0.05005	1	1	1	0.43	1	100
Toluene (ug/L)	MW-58	21	0.94	0.3365	0.07343	1	1	1	0.43	2.02	95.24
Toluene (ug/L)	MW-68	6	0.62	0.2943	0.1202	0.43	0.43	1	0.43	1	100
Toluene (ug/L)	MW-69	6	0.62	0.2943	0.1202	0.43	0.43	1	0.43	1	100
Toluene (ug/L)	MW-70	6	0.62	0.2943	0.1202	0.43	0.43	1	0.43	1	100
Toluene (ug/L)	PZ-13	6	0.62	0.2943	0.1202	0.43	0.43	1	0.43	1	100
Toluene (ug/L)	MW-57R	11	0.6373	0.2876	0.08671	0.43	0.43	1	0.43	1	100
Toluene (ug/L)	MW-73	11	0.6373	0.2876	0.08671	0.43	0.43	1	0.43	1	100
Total Organic Carbon (mg/L)	MW-14R	11	1.225	0.4202	0.1267	1.02	0.851	1.7	0.736	1.85	0
Total Organic Carbon (mg/L)	MW-24R (bg)	9	1.11	0.3631	0.121	1.08	0.895	1.355	0.455	1.72	0
Total Organic Carbon (mg/L)	MW-29	12	11.81	5.367	1.549	9.805	7.2	17.55	5.85	20.7	0
Total Organic Carbon (mg/L)	MW-30R	11	3.34	0.7212	0.2175	3.02	2.95	4.14	2.17	4.44	0
Total Organic Carbon (mg/L)	MW-31R	11	3.934	0.5605	0.169	4.17	3.91	4.23	2.65	4.47	0
Total Organic Carbon (mg/L)	MW-32R	12	3.391	0.8356	0.2412	3.15	2.72	3.733	2.65	5.17	0
Total Organic Carbon (mg/L)	MW-33R	12	1.853	0.455	0.1313	1.68	1.55	2.29	1.1	2.46	0
Total Organic Carbon (mg/L)	MW-70	14	1.526	0.7372	0.197	1.91	0.6255	2.155	0.606	2.5	7.143

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Total Organic Carbon (mg/L)	MW-57R	10	6.682	2.721	0.8606	5.82	4.525	9	4.09	12	0
Total Organic Carbon (mg/L)	MW-73	11	5.086	0.6704	0.2021	4.91	4.53	5.68	4.08	6.12	0
Total Suspended Solids (mg/L)	GU-3A	12	385.5	545.6	157.5	46.15	10.15	570	2.6	1560	0
Total Suspended Solids (mg/L)	MW-14R	14	5.966	7.92	2.117	2.69	1.88	5.815	1.25	30.2	28.57
Total Suspended Solids (mg/L)	MW-18	15	6.558	9.216	2.38	2.5	1.75	6.63	1	32.8	20
Total Suspended Solids (mg/L)	MW-19	13	2.432	1.628	0.4515	1.75	1.38	2.65	1	6	15.38
Total Suspended Solids (mg/L)	MW-23 (bg)	12	2.199	1.253	0.3617	1.88	1.18	2.625	0.875	4.75	41.67
Total Suspended Solids (mg/L)	MW-24R (bg)	12	4.171	4.572	1.32	2.315	1.405	5.125	1.05	16.8	16.67
Total Suspended Solids (mg/L)	MW-28	14	5.948	3.317	0.8865	5.185	3.593	6.69	2.71	15.3	7.143
Total Suspended Solids (mg/L)	MW-29	15	22.67	12.68	3.274	20.3	12.9	31.6	5	45.1	0
Total Suspended Solids (mg/L)	MW-30R	15	59.55	60.93	15.73	34.1	21.3	82	11.3	205	0
Total Suspended Solids (mg/L)	MW-31R	13	36.47	13.29	3.686	35.5	27.6	39.25	19.3	66	0
Total Suspended Solids (mg/L)	MW-32R	14	56.72	26.23	7.009	55.35	38.3	63.9	21.1	132	0
Total Suspended Solids (mg/L)	MW-33R	14	77.71	56.85	15.19	64.95	41.75	106	6.63	224	0
Total Suspended Solids (mg/L)	MW-39	14	6.425	10.1	2.699	2.565	1.69	6.565	1.05	37.8	28.57
Total Suspended Solids (mg/L)	MW-50	9	11.44	4.597	1.532	9.75	8.75	16.65	3.63	16.8	0
Total Suspended Solids (mg/L)	MW-51	10	6.263	2.986	0.9443	5.94	3.375	8.815	2.5	12	0
Total Suspended Solids (mg/L)	MW-52	12	108.3	68.25	19.7	88.7	68.65	113	45.3	278	0
Total Suspended Solids (mg/L)	MW-53	12	13.7	6.462	1.866	12.05	8.125	20	5.75	24.3	0
Total Suspended Solids (mg/L)	MW-54	12	59.48	18.7	5.399	56.65	45.55	75.35	35.8	96	0
Total Suspended Solids (mg/L)	MW-55	14	4.608	3.918	1.047	2.73	1.44	7.94	0.75	12.6	14.29
Total Suspended Solids (mg/L)	MW-56	11	20.59	9.989	3.012	21.1	14.2	29.6	3.8	33	0
Total Suspended Solids (mg/L)	MW-58	12	281.9	486.9	140.5	53.5	42.5	215	19.5	1410	0
Total Suspended Solids (mg/L)	MW-60	10	2.969	1.824	0.5768	2.255	1.565	4.185	1.05	7	10
Total Suspended Solids (mg/L)	MW-62	9	4.647	2.447	0.8156	4.13	2.625	6.815	1.31	8.37	11.11
Total Suspended Solids (mg/L)	MW-68	11	12.29	11.18	3.37	8.4	7	12.3	1.67	41.4	0
Total Suspended Solids (mg/L)	MW-69	11	15.22	7.212	2.174	16.8	10.6	22.3	1.5	23.3	0
Total Suspended Solids (mg/L)	MW-70	14	7.607	16.5	4.409	2.125	1.15	7.565	0.75	64	14.29
Total Suspended Solids (mg/L)	PZ-13	14	2.059	1.379	0.3686	1.775	1.025	2.565	0.638	5	64.29
Total Suspended Solids (mg/L)	SW-101	7	13.4	4.404	1.665	13.7	9.62	17.6	7	19.8	0
Total Suspended Solids (mg/L)	SW-102	7	16.13	11.02	4.164	17.3	6.62	19.6	3.5	36.7	0
Total Suspended Solids (mg/L)	SW-103	8	35.58	42.75	15.12	12.85	6.815	68.65	4	104	0
Total Suspended Solids (mg/L)	SW-106	9	201.9	407.8	135.9	9.62	3.94	254.5	2.8	1240	11.11
Total Suspended Solids (mg/L)	SW-107	8	15.92	7.946	2.809	14.95	10.53	18.5	7	32.4	0
Total Suspended Solids (mg/L)	MW-57R	11	59.58	43.91	13.24	57.8	24.4	73.5	6	173	0
Total Suspended Solids (mg/L)	MW-73	11	70.17	87.16	26.28	29.5	23.7	72.5	14.9	310	0
trans-1,2-Dichloroethene (ug/L)	GU-3A	19	0.8537	0.2925	0.0671	1	1	1	0.27	1	100
trans-1,2-Dichloroethene (ug/L)	MW-14R	23	0.898	0.2508	0.05229	1	1	1	0.27	1	95.65
trans-1,2-Dichloroethene (ug/L)	MW-18	17	0.8365	0.3054	0.07407	1	0.705	1	0.27	1	100
trans-1,2-Dichloroethene (ug/L)	MW-19	22	0.8736	0.2756	0.05877	1	1	1	0.27	1	100
trans-1,2-Dichloroethene (ug/L)	MW-23 (bg)	8	0.6525	0.3743	0.1323	0.705	0.27	1	0.27	1	100
trans-1,2-Dichloroethene (ug/L)	MW-24R (bg)	10	0.722	0.3612	0.1142	1	0.27	1	0.27	1	100
trans-1,2-Dichloroethene (ug/L)	MW-28	22	0.8736	0.2756	0.05877	1	1	1	0.27	1	100
trans-1,2-Dichloroethene (ug/L)	MW-29	23	1.023	0.318	0.06632	0.933	0.853	1.2	0.27	1.69	4.348
trans-1,2-Dichloroethene (ug/L)	MW-30R	23	1.94	0.4234	0.08829	1.89	1.68	2.25	1.26	3.04	0
trans-1,2-Dichloroethene (ug/L)	MW-31R	19	0.8921	0.2574	0.05905	1	1	1	0.27	1	100
trans-1,2-Dichloroethene (ug/L)	MW-32R	19	0.8921	0.2574	0.05905	1	1	1	0.27	1	100
trans-1,2-Dichloroethene (ug/L)	MW-33R	24	0.8842	0.2658	0.05425	1	1	1	0.27	1	100
trans-1,2-Dichloroethene (ug/L)	MW-39	19	0.8537	0.2925	0.0671	1	1	1	0.27	1	100
trans-1,2-Dichloroethene (ug/L)	MW-50	19	0.9616	0.1675	0.03842	1	1	1	0.27	1	100

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
trans-1,2-Dichloroethene (ug/L)	MW-51	20	0.9635	0.1632	0.0365	1	1	1	0.27	1	100
trans-1,2-Dichloroethene (ug/L)	MW-52	22	0.9668	0.1556	0.03318	1	1	1	0.27	1	100
trans-1,2-Dichloroethene (ug/L)	MW-53	21	0.857	0.3023	0.06598	1	1	1	0.214	1	85.71
trans-1,2-Dichloroethene (ug/L)	MW-54	22	0.9668	0.1556	0.03318	1	1	1	0.27	1	100
trans-1,2-Dichloroethene (ug/L)	MW-55	22	0.8736	0.2756	0.05877	1	1	1	0.27	1	100
trans-1,2-Dichloroethene (ug/L)	MW-56	21	0.6946	0.3168	0.06913	0.621	0.403	1	0.21	1.06	52.38
trans-1,2-Dichloroethene (ug/L)	MW-58	22	0.8736	0.2756	0.05877	1	1	1	0.27	1	100
trans-1,2-Dichloroethene (ug/L)	MW-68	12	0.4987	0.2484	0.0717	0.466	0.282	0.5295	0.27	1	41.67
trans-1,2-Dichloroethene (ug/L)	MW-69	13	0.4745	0.3035	0.08418	0.349	0.27	0.705	0.231	1	53.85
trans-1,2-Dichloroethene (ug/L)	MW-70	10	0.722	0.3612	0.1142	1	0.27	1	0.27	1	100
trans-1,2-Dichloroethene (ug/L)	PZ-13	13	0.7862	0.3357	0.09311	1	0.34	1	0.27	1	100
trans-1,2-Dichloroethene (ug/L)	MW-57R	11	0.8529	0.5095	0.1536	0.915	0.323	1.25	0.27	1.85	27.27
trans-1,2-Dichloroethene (ug/L)	MW-73	11	0.4894	0.3191	0.09621	0.27	0.27	0.933	0.27	1	81.82
Trichloroethene (ug/L)	GU-3A	19	0.8758	0.2477	0.05682	1	1	1	0.35	1	100
Trichloroethene (ug/L)	MW-14R	23	2.959	3.111	0.6487	1.57	1	3.71	0.662	12.8	30.43
Trichloroethene (ug/L)	MW-18	17	0.8612	0.2586	0.06271	1	0.715	1	0.35	1	100
Trichloroethene (ug/L)	MW-19	22	0.8927	0.2334	0.04976	1	1	1	0.35	1	100
Trichloroethene (ug/L)	MW-23 (bg)	8	0.705	0.3165	0.1119	0.715	0.43	1	0.35	1	100
Trichloroethene (ug/L)	MW-24R (bg)	10	0.764	0.3055	0.09662	1	0.43	1	0.35	1	100
Trichloroethene (ug/L)	MW-28	22	0.8927	0.2334	0.04976	1	1	1	0.35	1	100
Trichloroethene (ug/L)	MW-29	23	3.737	2.002	0.4174	4.18	1.69	5	0.497	7.98	0
Trichloroethene (ug/L)	MW-30R	24	2.932	0.761	0.1553	2.97	2.45	3.45	1.04	4.23	0
Trichloroethene (ug/L)	MW-31R	19	0.9058	0.2241	0.0514	1	1	1	0.35	1	100
Trichloroethene (ug/L)	MW-32R	19	0.9058	0.2241	0.0514	1	1	1	0.35	1	100
Trichloroethene (ug/L)	MW-33R	24	0.9017	0.2251	0.04594	1	1	1	0.35	1	100
Trichloroethene (ug/L)	MW-39	19	0.8758	0.2477	0.05682	1	1	1	0.35	1	100
Trichloroethene (ug/L)	MW-50	19	0.97	0.1308	0.03	1	1	1	0.43	1	100
Trichloroethene (ug/L)	MW-51	20	0.8779	0.189	0.04227	1	0.762	1	0.43	1.1	55
Trichloroethene (ug/L)	MW-52	22	0.9766	0.3357	0.07157	1	0.6795	1	0.43	1.86	59.09
Trichloroethene (ug/L)	MW-53	20	0.7579	0.3078	0.06883	1	0.4335	1	0.246	1	65
Trichloroethene (ug/L)	MW-54	22	0.9741	0.1215	0.02591	1	1	1	0.43	1	100
Trichloroethene (ug/L)	MW-55	22	0.8927	0.2334	0.04976	1	1	1	0.35	1	100
Trichloroethene (ug/L)	MW-56	21	0.8876	0.2379	0.05192	1	1	1	0.35	1	100
Trichloroethene (ug/L)	MW-58	22	0.8927	0.2334	0.04976	1	1	1	0.35	1	100
Trichloroethene (ug/L)	MW-68	13	0.716	0.4392	0.1218	0.458	0.41	1	0.35	1.84	53.85
Trichloroethene (ug/L)	MW-69	14	0.8869	0.4334	0.1158	1	0.43	1.17	0.35	1.88	57.14
Trichloroethene (ug/L)	MW-70	11	0.7855	0.2985	0.08999	1	0.43	1	0.35	1	100
Trichloroethene (ug/L)	PZ-13	14	0.6611	0.3088	0.08253	0.468	0.425	1	0.26	1	71.43
Trichloroethene (ug/L)	MW-57R	11	1.235	0.8161	0.2461	1	0.481	2.32	0.43	2.64	54.55
Trichloroethene (ug/L)	MW-73	11	0.63	0.2943	0.08873	0.43	0.43	1	0.35	1	100
Vanadium (mg/L)	GU-3A	19	0.02042	0.02204	0.005056	0.00684	0.0017	0.05	0.000546	0.05	68.42
Vanadium (mg/L)	MW-14R	20	0.0243	0.02388	0.00534	0.005	0.00271	0.05	0.0011	0.05	90
Vanadium (mg/L)	MW-18	17	0.01739	0.02175	0.005275	0.005	0.00335	0.05	0.0011	0.05	100
Vanadium (mg/L)	MW-19	22	0.02461	0.02376	0.005066	0.005	0.00335	0.05	0.000829	0.05	95.45
Vanadium (mg/L)	MW-23 (bg)	17	0.02214	0.02408	0.00584	0.005	0.0014	0.05	0.000278	0.05	88.24
Vanadium (mg/L)	MW-24R (bg)	15	0.01776	0.02362	0.006099	0.0017	0.0011	0.05	0.000961	0.05	66.67
Vanadium (mg/L)	MW-28	22	0.0248	0.02358	0.005027	0.005	0.005	0.05	0.0011	0.05	100
Vanadium (mg/L)	MW-29	19	0.02533	0.02409	0.005526	0.005	0.0017	0.05	0.00064	0.05	94.74
Vanadium (mg/L)	MW-30R	20	0.0201	0.02263	0.00506	0.005385	0.00233	0.05	0.00126	0.05	40
Vanadium (mg/L)	MW-31R	20	0.02511	0.02373	0.005305	0.01582	0.0017	0.05	0.0006385	0.05	75

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Vanadium (mg/L)	MW-32R	20	0.02392	0.02422	0.005416	0.004625	0.002008	0.05	0.0011	0.05	50
Vanadium (mg/L)	MW-33R	22	0.02001	0.02542	0.00542	0.00253	0.001375	0.05	0.0011	0.0804	36.36
Vanadium (mg/L)	MW-39	19	0.0229	0.02379	0.005458	0.005	0.0017	0.05	0.000519	0.05	89.47
Vanadium (mg/L)	MW-50	19	0.0273	0.02461	0.005647	0.05	0.000974	0.05	0.000617	0.05	63.16
Vanadium (mg/L)	MW-51	20	0.02932	0.02349	0.005252	0.05	0.005	0.05	0.00032	0.05	95
Vanadium (mg/L)	MW-52	20	0.03426	0.03276	0.007326	0.05	0.005	0.05	0.000287	0.115	75
Vanadium (mg/L)	MW-53	19	0.02799	0.02388	0.005478	0.05	0.005	0.05	0.00032	0.05	89.47
Vanadium (mg/L)	MW-54	20	0.02654	0.02412	0.005393	0.0275	0.004005	0.05	0.00044	0.05	80
Vanadium (mg/L)	MW-55	22	0.02275	0.02324	0.004955	0.005	0.005	0.05	0.0011	0.05	100
Vanadium (mg/L)	MW-56	21	0.02313	0.02388	0.005212	0.005	0.0017	0.05	0.000839	0.05	85.71
Vanadium (mg/L)	MW-58	19	0.02329	0.02351	0.005394	0.00519	0.0017	0.05	0.00064	0.05	84.21
Vanadium (mg/L)	MW-57R	11	0.003066	0.001752	0.0005283	0.0024	0.00218	0.003	0.00171	0.00782	0
Vanadium (mg/L)	MW-73	11	0.003153	0.003121	0.000941	0.00184	0.00142	0.00337	0.0011	0.011	18.18
Vinyl Chloride (ug/L)	GU-3A	19	0.9984	0.7938	0.1821	1	1	1	0.18	4	100
Vinyl Chloride (ug/L)	MW-14R	23	1.154	0.9783	0.204	1	1	1	0.145	4.69	65.22
Vinyl Chloride (ug/L)	MW-18	17	0.8218	0.3356	0.0814	1	0.715	1	0.18	1	100
Vinyl Chloride (ug/L)	MW-19	22	0.8623	0.3027	0.06455	1	1	1	0.18	1	100
Vinyl Chloride (ug/L)	MW-23 (bg)	8	0.6213	0.4131	0.146	0.715	0.18	1	0.18	1	100
Vinyl Chloride (ug/L)	MW-24R (bg)	10	0.697	0.3978	0.1258	1	0.18	1	0.18	1	100
Vinyl Chloride (ug/L)	MW-28	22	0.8623	0.3027	0.06455	1	1	1	0.18	1	100
Vinyl Chloride (ug/L)	MW-29	23	3.721	1.019	0.2124	3.61	3.16	4.28	1.95	6.15	0
Vinyl Chloride (ug/L)	MW-30R	24	7.198	2.003	0.4089	7.54	5.895	8.62	2.14	10.7	0
Vinyl Chloride (ug/L)	MW-31R	19	0.8837	0.2801	0.06427	1	1	1	0.18	1	100
Vinyl Chloride (ug/L)	MW-32R	19	0.8837	0.2801	0.06427	1	1	1	0.18	1	100
Vinyl Chloride (ug/L)	MW-33R	24	0.8738	0.2919	0.05958	1	1	1	0.18	1	100
Vinyl Chloride (ug/L)	MW-39	19	0.8405	0.3214	0.07372	1	1	1	0.18	1	100
Vinyl Chloride (ug/L)	MW-50	19	1.115	0.7235	0.166	1	1	1	0.18	4	100
Vinyl Chloride (ug/L)	MW-51	20	1.109	0.7047	0.1576	1	1	1	0.18	4	100
Vinyl Chloride (ug/L)	MW-52	22	1.099	0.671	0.1431	1	1	1	0.18	4	100
Vinyl Chloride (ug/L)	MW-53	22	3.628	1.909	0.407	4.13	1.87	5.235	0.18	6.47	9.091
Vinyl Chloride (ug/L)	MW-54	22	1.099	0.671	0.1431	1	1	1	0.18	4	100
Vinyl Chloride (ug/L)	MW-55	22	0.8623	0.3027	0.06455	1	1	1	0.18	1	100
Vinyl Chloride (ug/L)	MW-56	21	0.8557	0.3086	0.06735	1	1	1	0.18	1	100
Vinyl Chloride (ug/L)	MW-58	22	0.9986	0.7349	0.1567	1	1	1	0.18	4	100
Vinyl Chloride (ug/L)	MW-68	13	0.5026	0.2616	0.07256	0.453	0.335	0.6245	0.18	1	38.46
Vinyl Chloride (ug/L)	MW-69	14	1.323	0.9451	0.2526	0.894	0.64	2.095	0.455	3.42	14.29
Vinyl Chloride (ug/L)	MW-70	11	0.7245	0.3883	0.1171	1	0.18	1	0.18	1	100
Vinyl Chloride (ug/L)	PZ-13	14	0.7836	0.3602	0.09626	1	0.305	1	0.18	1	100
Vinyl Chloride (ug/L)	MW-57R	11	0.8674	0.5878	0.1772	0.793	0.405	1.59	0.193	1.84	9.091
Vinyl Chloride (ug/L)	MW-73	11	0.6388	1.107	0.3338	0.185	0.18	0.64	0.18	3.93	54.55
Xylenes, total (ug/L)	GU-3A	16	2.126	1.168	0.2919	3	0.909	3	0.4	3	81.25
Xylenes, total (ug/L)	MW-14R	22	2.559	0.9664	0.206	3	3	3	0.4	3	100
Xylenes, total (ug/L)	MW-18	17	2.429	1.071	0.2598	3	2.05	3	0.4	3	100
Xylenes, total (ug/L)	MW-19	22	2.559	0.9664	0.206	3	3	3	0.4	3	100
Xylenes, total (ug/L)	MW-23 (bg)	8	1.788	1.316	0.4654	2.05	0.4	3	0.4	3	100
Xylenes, total (ug/L)	MW-24R (bg)	10	2.03	1.268	0.4011	3	0.4	3	0.4	3	100
Xylenes, total (ug/L)	MW-28	22	2.695	1.212	0.2584	3	3	3	0.4	6	100
Xylenes, total (ug/L)	MW-29	21	2.538	0.9851	0.215	3	3	3	0.4	3	100
Xylenes, total (ug/L)	MW-30R	22	2.559	0.9664	0.206	3	3	3	0.4	3	100
Xylenes, total (ug/L)	MW-31R	17	2.582	0.9409	0.2282	3	3	3	0.4	3	100

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 2:29 PM

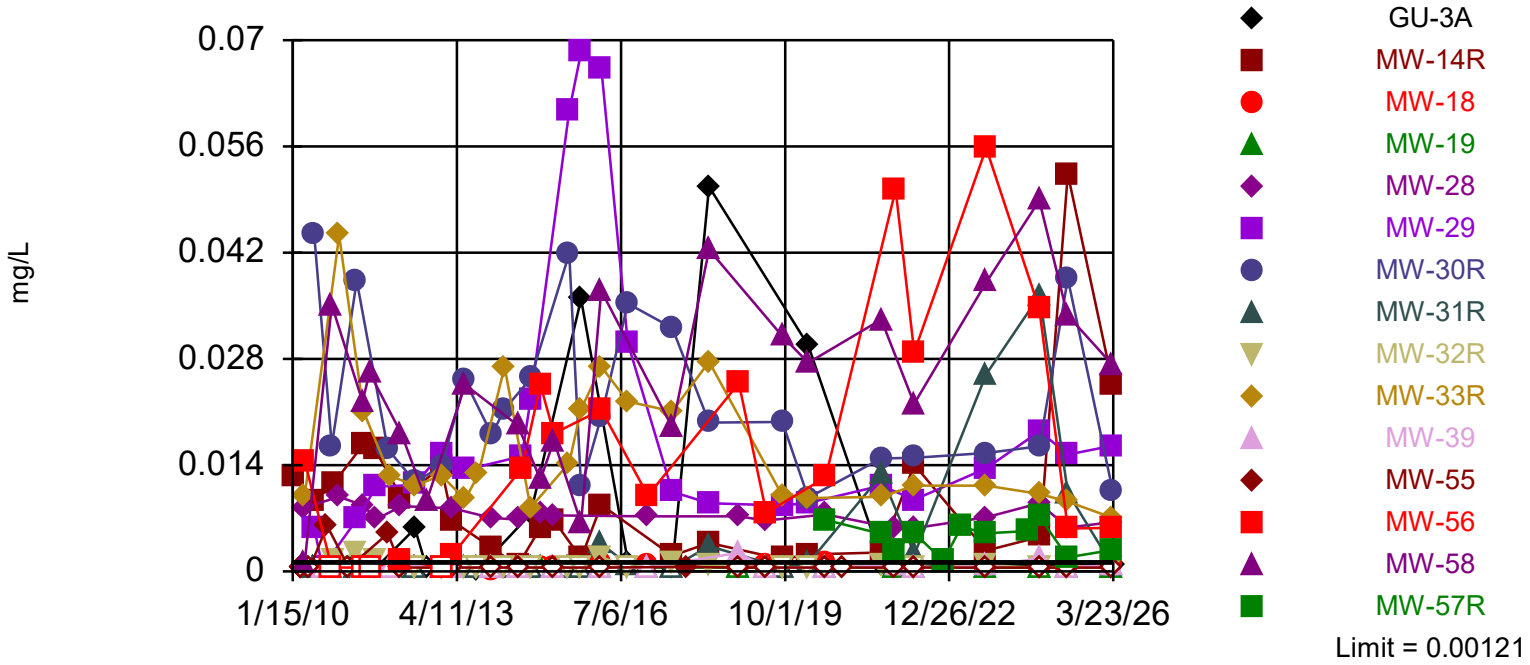
Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Xylenes, total (ug/L)	MW-32R	17	3.112	2.474	0.6	3	3	3	0.4	12	100
Xylenes, total (ug/L)	MW-33R	22	2.65	1.095	0.2335	3	3	3	0.4	5	100
Xylenes, total (ug/L)	MW-39	19	2.489	1.026	0.2353	3	3	3	0.4	3	100
Xylenes, total (ug/L)	MW-50	19	2.863	0.5965	0.1368	3	3	3	0.4	3	100
Xylenes, total (ug/L)	MW-51	20	3.02	0.9105	0.2036	3	3	3	0.4	6	100
Xylenes, total (ug/L)	MW-52	20	2.87	0.5814	0.13	3	3	3	0.4	3	100
Xylenes, total (ug/L)	MW-53	20	76.92	21.83	4.882	83.7	65.7	91.85	24.6	108	0
Xylenes, total (ug/L)	MW-54	20	2.87	0.5814	0.13	3	3	3	0.4	3	100
Xylenes, total (ug/L)	MW-55	22	2.559	0.9664	0.206	3	3	3	0.4	3	100
Xylenes, total (ug/L)	MW-56	21	2.538	0.9851	0.215	3	3	3	0.4	3	100
Xylenes, total (ug/L)	MW-58	21	2.681	1.24	0.2706	3	3	3	0.4	6	100
Xylenes, total (ug/L)	MW-68	6	1.383	1.281	0.5231	0.75	0.4	3	0.4	3	100
Xylenes, total (ug/L)	MW-69	6	1.383	1.281	0.5231	0.75	0.4	3	0.4	3	100
Xylenes, total (ug/L)	MW-70	6	1.383	1.281	0.5231	0.75	0.4	3	0.4	3	100
Xylenes, total (ug/L)	PZ-13	6	1.383	1.281	0.5231	0.75	0.4	3	0.4	3	100
Xylenes, total (ug/L)	MW-57R	11	1.409	1.278	0.3853	0.4	0.4	3	0.4	3	100
Xylenes, total (ug/L)	MW-73	11	1.409	1.278	0.3853	0.4	0.4	3	0.4	3	100
Zinc (mg/L)	GU-3A	19	0.1909	0.4327	0.09928	0.0263	0.02	0.105	0.00702	1.87	26.32
Zinc (mg/L)	MW-14R	23	0.0213	0.00989	0.002062	0.02	0.02	0.02	0.0064	0.049	78.26
Zinc (mg/L)	MW-18	16	0.01742	0.01238	0.003096	0.01385	0.0113	0.02	0.00632	0.06	75
Zinc (mg/L)	MW-19	19	0.01668	0.006436	0.001476	0.02	0.01	0.02	0.0064	0.0334	84.21
Zinc (mg/L)	MW-23 (bg)	19	0.01811	0.01007	0.00231	0.02	0.01	0.02	0.0064	0.0523	78.95
Zinc (mg/L)	MW-24R (bg)	18	0.01896	0.009834	0.002318	0.02	0.01	0.02105	0.0064	0.0438	77.78
Zinc (mg/L)	MW-28	20	0.01675	0.005452	0.001219	0.02	0.0115	0.02	0.0064	0.0245	80
Zinc (mg/L)	MW-29	21	0.03788	0.04416	0.009637	0.02	0.01315	0.0415	0.00945	0.178	66.67
Zinc (mg/L)	MW-30R	21	0.02221	0.01351	0.002949	0.02	0.013	0.02	0.0064	0.0582	71.43
Zinc (mg/L)	MW-31R	21	0.01854	0.008105	0.001769	0.02	0.013	0.02	0.0064	0.0431	71.43
Zinc (mg/L)	MW-32R	22	0.02699	0.02077	0.004428	0.02	0.013	0.03445	0.00915	0.0914	54.55
Zinc (mg/L)	MW-33R	19	0.01817	0.006524	0.001497	0.02	0.013	0.02	0.00921	0.0374	73.68
Zinc (mg/L)	MW-39	21	0.029	0.03024	0.006599	0.02	0.0115	0.02945	0.0064	0.139	80.95
Zinc (mg/L)	MW-50	19	0.02096	0.01255	0.002879	0.02	0.01	0.02	0.0064	0.06	68.42
Zinc (mg/L)	MW-51	20	0.02869	0.02091	0.004675	0.02	0.01815	0.0434	0.0064	0.0847	70
Zinc (mg/L)	MW-52	19	0.02342	0.015	0.003442	0.02	0.0193	0.02	0.0064	0.0628	78.95
Zinc (mg/L)	MW-53	20	0.02739	0.02189	0.004895	0.02	0.02	0.03315	0.00585	0.0993	65
Zinc (mg/L)	MW-54	21	0.03441	0.02972	0.006486	0.02	0.02	0.0534	0.0064	0.107	71.43
Zinc (mg/L)	MW-55	23	0.02726	0.02266	0.004724	0.02	0.013	0.037	0.0097	0.112	69.57
Zinc (mg/L)	MW-56	21	0.02833	0.03008	0.006565	0.02	0.0115	0.0319	0.00527	0.139	57.14
Zinc (mg/L)	MW-58	21	0.03541	0.03382	0.007379	0.02	0.0186	0.03415	0.0108	0.134	28.57
Zinc (mg/L)	MW-57R	11	0.01578	0.004858	0.001465	0.0142	0.0115	0.02	0.01	0.0231	63.64
Zinc (mg/L)	MW-73	11	0.01824	0.007518	0.002267	0.0167	0.0126	0.0243	0.00855	0.0326	36.36

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-14R, MW-28, MW-29, MW-30R, MW-33R, MW-56, MW-58, MW-57R

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Annual per-constituent alpha = 0.03643. Individual comparison alpha = 0.001325 (1 of 2). Comparing 15 points to limit. Assumes 13 future values. Seasonality was not detected with 95% confidence.

Constituent: Arsenic Analysis Run 4/29/2026 3:04 PM View: 3_PLs

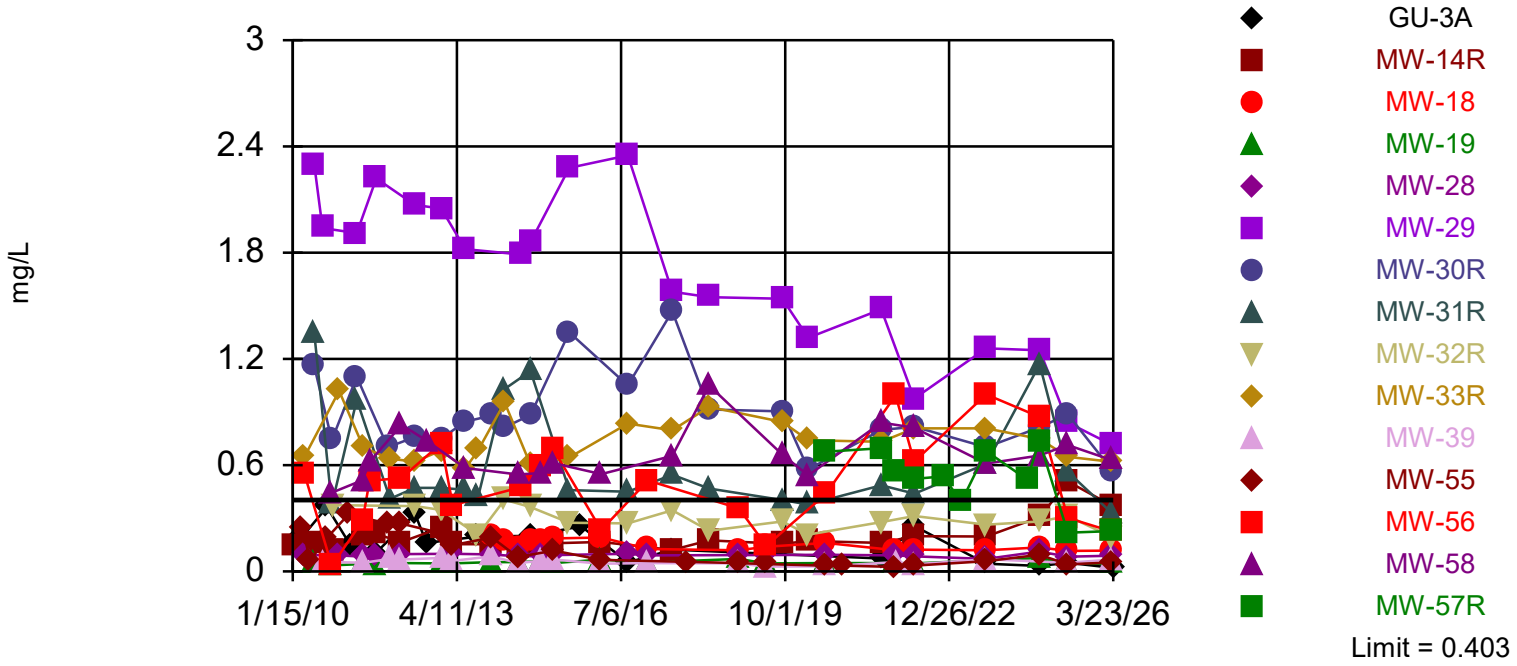
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Exceeds Limit: MW-29, MW-30R, MW-33R, MW-58

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. Annual per-constituent alpha = 0.03483. Individual comparison alpha = 0.001265 (1 of 2). Comparing 15 points to limit. Assumes 13 future values. Seasonality was not detected with 95% confidence.

Constituent: Barium Analysis Run 4/29/2026 3:04 PM View: 3_PLs

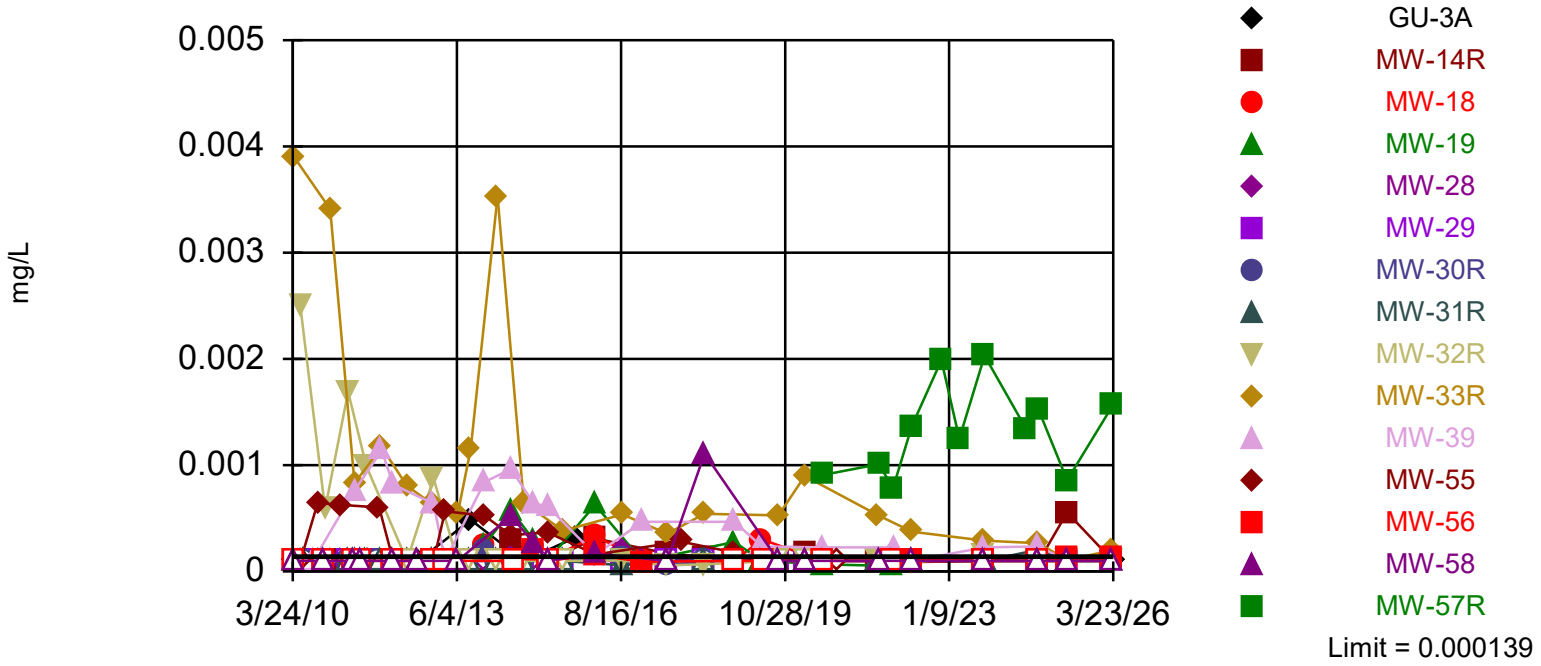
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-33R, MW-57R

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Annual per-constituent alpha = 0.04962. Individual comparison alpha = 0.001816 (1 of 2). Comparing 15 points to limit. Assumes 13 future values. Seasonality was not detected with 95% confidence.

Constituent: Cadmium Analysis Run 4/29/2026 3:04 PM View: 3_PLs

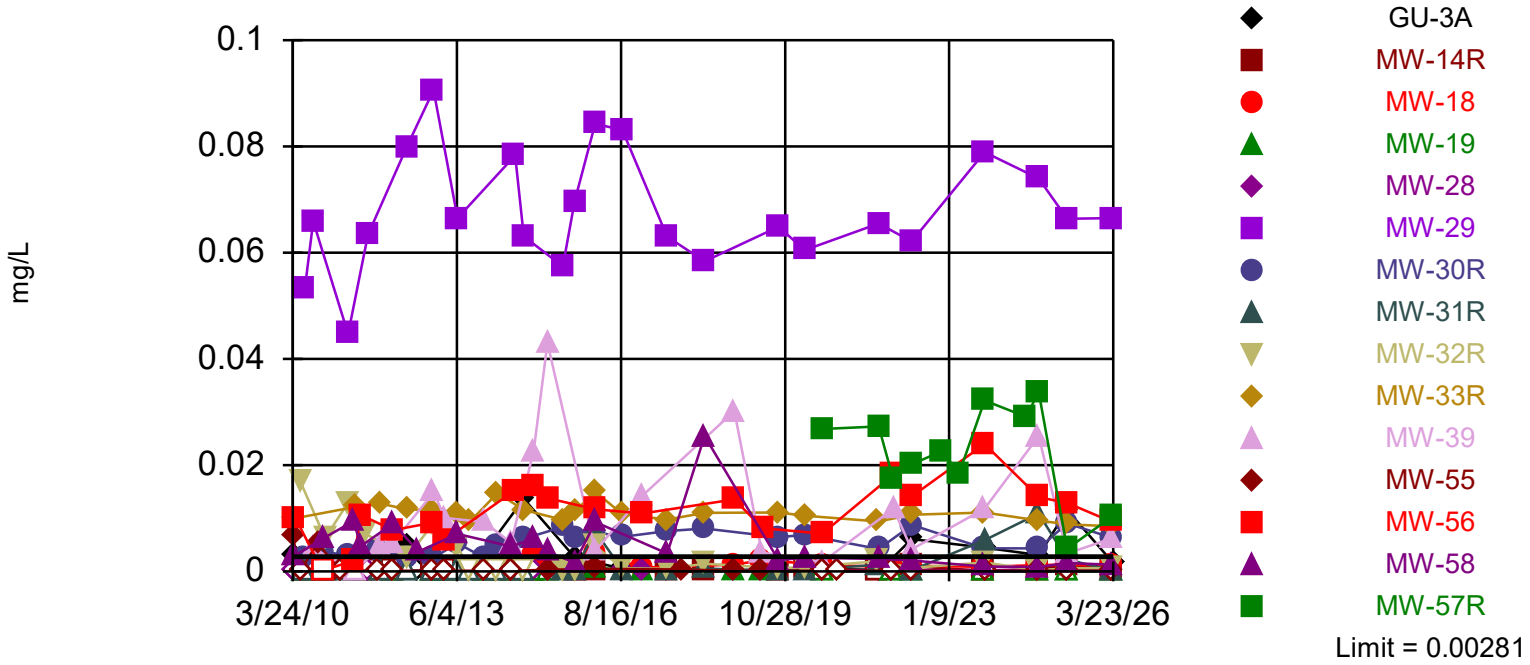
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-29, MW-30R, MW-33R, MW-39, MW-56, MW-57R

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 60% NDs. Annual per-constituent alpha = 0.03002. Individual comparison alpha = 0.001088 (1 of 2). Comparing 15 points to limit. Assumes 13 future values. Seasonality was not detected with 95% confidence.

Constituent: Cobalt Analysis Run 4/29/2026 3:04 PM View: 3_PLs

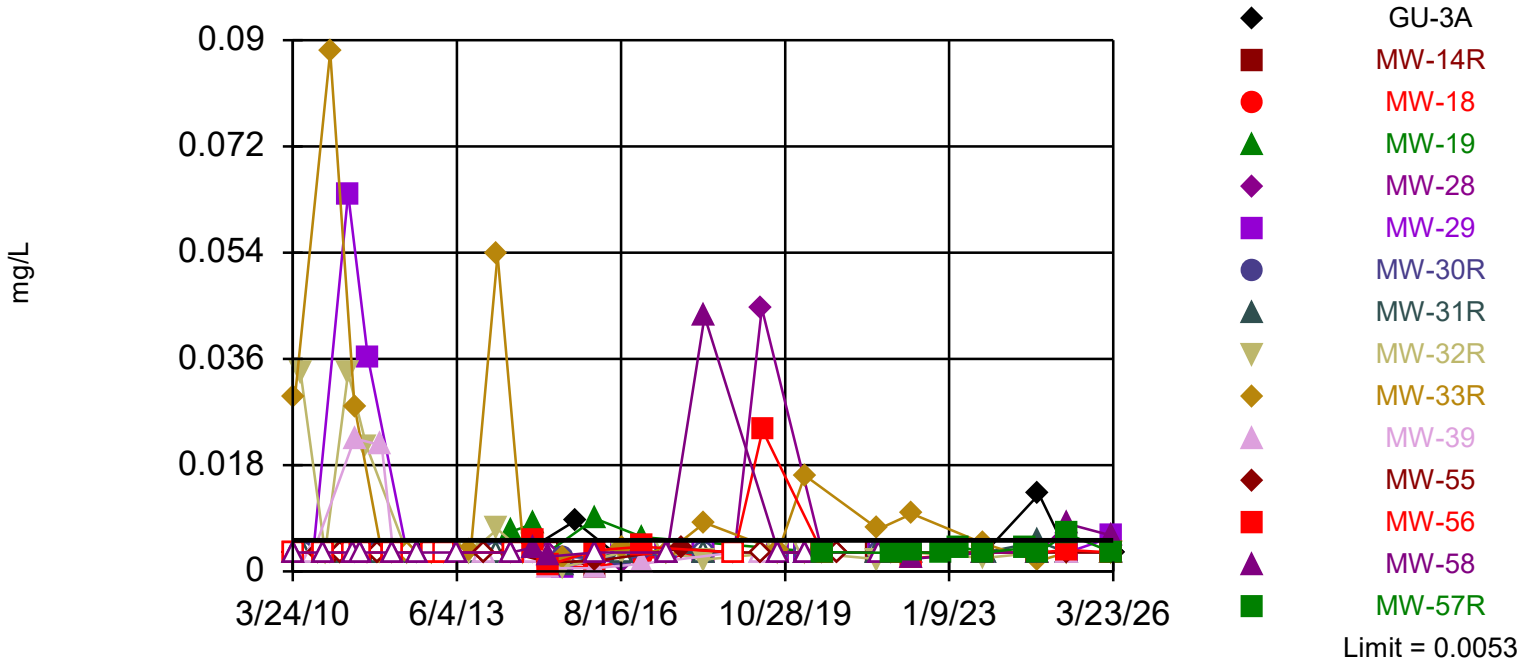
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-29, MW-58

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 88.24% NDs. Annual per-constituent alpha = 0.04035. Individual comparison alpha = 0.00147 (1 of 2). Comparing 15 points to limit. Assumes 13 future values. Insufficient data to test for seasonality; data will not be deseasonalized.

Constituent: Copper Analysis Run 4/29/2026 3:04 PM View: 3_PLs

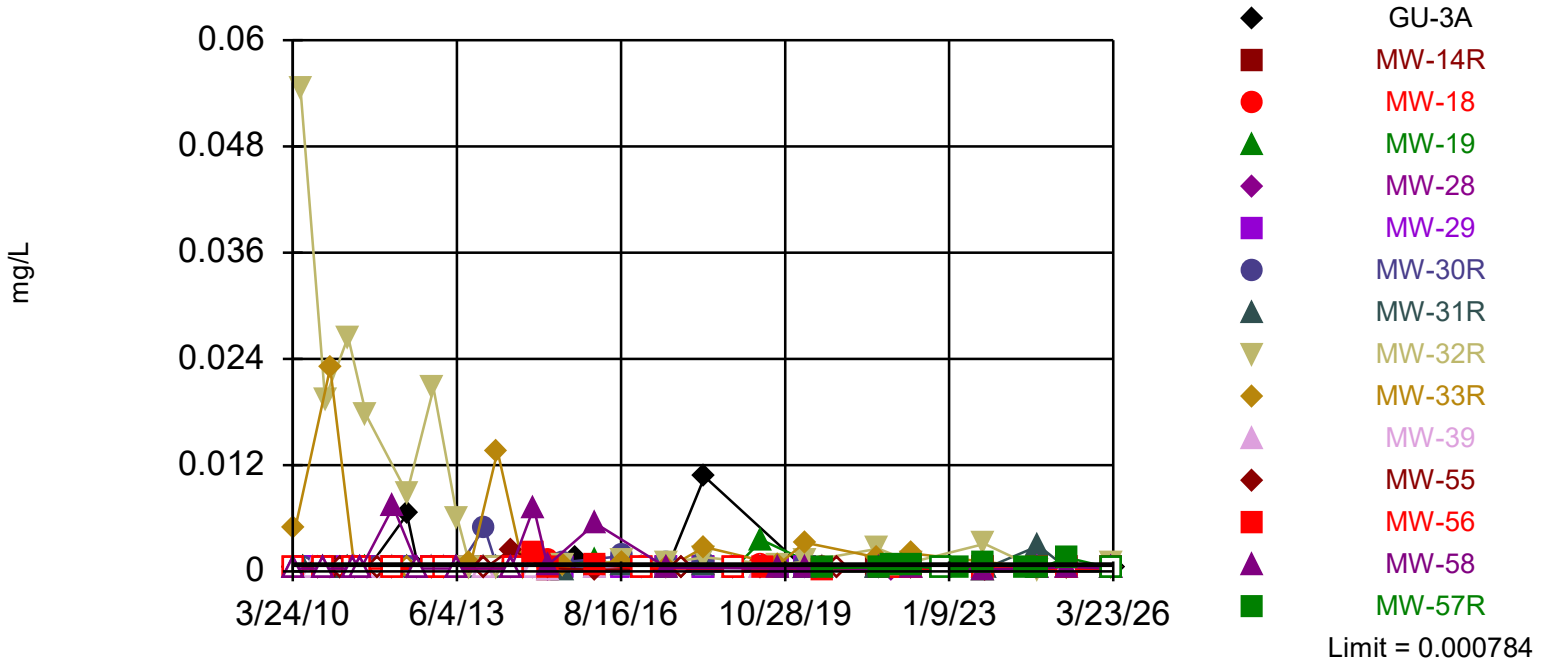
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-32R

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 86.11% NDs. Annual per-constituent alpha = 0.03643. Individual comparison alpha = 0.001325 (1 of 2). Comparing 15 points to limit. Assumes 13 future values. Seasonality was not detected with 95% confidence.

Constituent: Lead Analysis Run 4/29/2026 3:04 PM View: 3_PLs

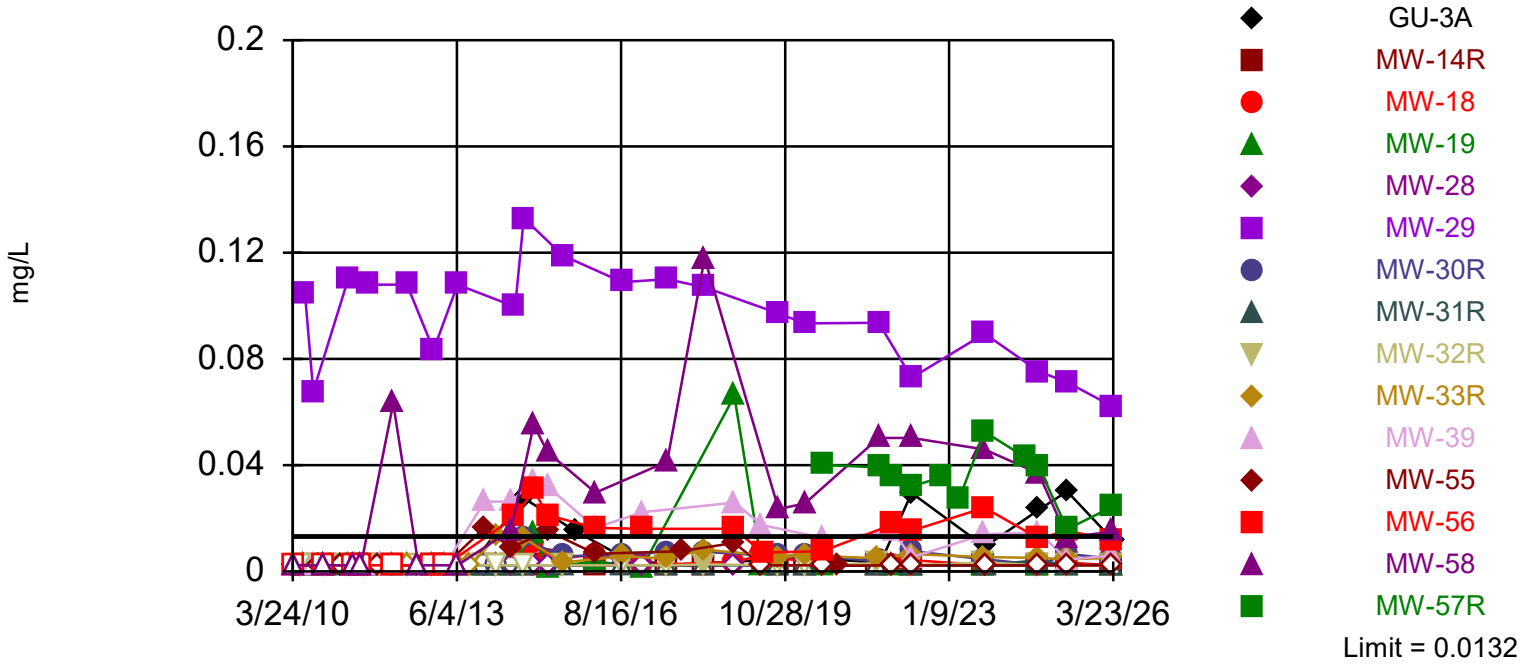
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-29, MW-58, MW-57R

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 53.85% NDs. Annual per-constituent alpha = 0.06365. Individual comparison alpha = 0.002346 (1 of 2). Comparing 15 points to limit. Assumes 13 future values. Seasonality was not detected with 95% confidence.

Constituent: Nickel Analysis Run 4/29/2026 3:04 PM View: 3_PLs

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Prediction Limit

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:06 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GU-3A	0.001	n/a	3/23/2026	0.001ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-14R	0.001	n/a	3/20/2026	0.001ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-18	0.001	n/a	3/19/2026	0.001ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-19	0.001	n/a	3/19/2026	0.001ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-28	0.001	n/a	3/19/2026	0.001ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-29	0.001	n/a	3/20/2026	0.001ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-30R	0.001	n/a	3/20/2026	0.001ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-31R	0.001	n/a	3/19/2026	0.001ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-32R	0.001	n/a	3/20/2026	0.001ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-33R	0.001	n/a	3/20/2026	0.001ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-39	0.001	n/a	3/19/2026	0.001ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-55	0.001	n/a	3/19/2026	0.001ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-56	0.001	n/a	3/19/2026	0.001ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-58	0.001	n/a	3/19/2026	0.001ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-57R	0.001	n/a	3/19/2026	0.001ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GU-3A	0.00121	n/a	3/23/2026	0.000933J	No	36	MW-23,M..	n/a	n/a	94.44	n/a	n/a	0.001325	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	**MW-14R**	**0.00121**	**n/a**	**3/20/2026**	**0.0246**	**Yes**	**36**	**MW-23,M..**	**n/a**	**n/a**	**94.44**	**n/a**	**n/a**	**0.001325**	**NP Inter (NDs) 1 of 2**
Arsenic (mg/L)	MW-18	0.00121	n/a	3/19/2026	0.000809J	No	36	MW-23,M..	n/a	n/a	94.44	n/a	n/a	0.001325	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-19	0.00121	n/a	3/19/2026	0.00053ND	No	36	MW-23,M..	n/a	n/a	94.44	n/a	n/a	0.001325	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	**MW-28**	**0.00121**	**n/a**	**3/19/2026**	**0.0065**	**Yes**	**36**	**MW-23,M..**	**n/a**	**n/a**	**94.44**	**n/a**	**n/a**	**0.001325**	**NP Inter (NDs) 1 of 2**
Arsenic (mg/L)	**MW-29**	**0.00121**	**n/a**	**3/20/2026**	**0.0166**	**Yes**	**36**	**MW-23,M..**	**n/a**	**n/a**	**94.44**	**n/a**	**n/a**	**0.001325**	**NP Inter (NDs) 1 of 2**
Arsenic (mg/L)	**MW-30R**	**0.00121**	**n/a**	**3/20/2026**	**0.0105**	**Yes**	**36**	**MW-23,M..**	**n/a**	**n/a**	**94.44**	**n/a**	**n/a**	**0.001325**	**NP Inter (NDs) 1 of 2**
Arsenic (mg/L)	MW-31R	0.00121	n/a	3/19/2026	0.000734J	No	36	MW-23,M..	n/a	n/a	94.44	n/a	n/a	0.001325	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-32R	0.00121	n/a	3/20/2026	0.000575J	No	36	MW-23,M..	n/a	n/a	94.44	n/a	n/a	0.001325	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	**MW-33R**	**0.00121**	**n/a**	**3/20/2026**	**0.00704**	**Yes**	**36**	**MW-23,M..**	**n/a**	**n/a**	**94.44**	**n/a**	**n/a**	**0.001325**	**NP Inter (NDs) 1 of 2**
Arsenic (mg/L)	MW-39	0.00121	n/a	3/19/2026	0.000844J	No	36	MW-23,M..	n/a	n/a	94.44	n/a	n/a	0.001325	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-55	0.00121	n/a	3/19/2026	0.00053ND	No	36	MW-23,M..	n/a	n/a	94.44	n/a	n/a	0.001325	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	**MW-56**	**0.00121**	**n/a**	**3/19/2026**	**0.00576**	**Yes**	**36**	**MW-23,M..**	**n/a**	**n/a**	**94.44**	**n/a**	**n/a**	**0.001325**	**NP Inter (NDs) 1 of 2**
Arsenic (mg/L)	**MW-58**	**0.00121**	**n/a**	**3/19/2026**	**0.0272**	**Yes**	**36**	**MW-23,M..**	**n/a**	**n/a**	**94.44**	**n/a**	**n/a**	**0.001325**	**NP Inter (NDs) 1 of 2**
Arsenic (mg/L)	**MW-57R**	**0.00121**	**n/a**	**3/19/2026**	**0.00284**	**Yes**	**36**	**MW-23,M..**	**n/a**	**n/a**	**94.44**	**n/a**	**n/a**	**0.001325**	**NP Inter (NDs) 1 of 2**
Barium (mg/L)	GU-3A	0.403	n/a	3/23/2026	0.0213	No	37	MW-23,M..	n/a	n/a	0	n/a	n/a	0.001265	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-14R	0.403	n/a	3/20/2026	0.37	No	37	MW-23,M..	n/a	n/a	0	n/a	n/a	0.001265	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-18	0.403	n/a	3/19/2026	0.118	No	37	MW-23,M..	n/a	n/a	0	n/a	n/a	0.001265	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-19	0.403	n/a	3/19/2026	0.0431	No	37	MW-23,M..	n/a	n/a	0	n/a	n/a	0.001265	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-28	0.403	n/a	3/19/2026	0.089	No	37	MW-23,M..	n/a	n/a	0	n/a	n/a	0.001265	NP Inter (normality) 1 of 2
Barium (mg/L)	**MW-29**	**0.403**	**n/a**	**3/20/2026**	**0.712**	**Yes**	**37**	**MW-23,M..**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001265**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	**MW-30R**	**0.403**	**n/a**	**3/20/2026**	**0.566**	**Yes**	**37**	**MW-23,M..**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001265**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	MW-31R	0.403	n/a	3/19/2026	0.326	No	37	MW-23,M..	n/a	n/a	0	n/a	n/a	0.001265	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-32R	0.403	n/a	3/20/2026	0.193	No	37	MW-23,M..	n/a	n/a	0	n/a	n/a	0.001265	NP Inter (normality) 1 of 2
Barium (mg/L)	**MW-33R**	**0.403**	**n/a**	**3/20/2026**	**0.619**	**Yes**	**37**	**MW-23,M..**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001265**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	MW-39	0.403	n/a	3/19/2026	0.0667	No	37	MW-23,M..	n/a	n/a	0	n/a	n/a	0.001265	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-55	0.403	n/a	3/19/2026	0.052	No	37	MW-23,M..	n/a	n/a	0	n/a	n/a	0.001265	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-56	0.403	n/a	3/19/2026	0.224	No	37	MW-23,M..	n/a	n/a	0	n/a	n/a	0.001265	NP Inter (normality) 1 of 2
Barium (mg/L)	**MW-58**	**0.403**	**n/a**	**3/19/2026**	**0.628**	**Yes**	**37**	**MW-23,M..**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001265**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	MW-57R	0.403	n/a	3/19/2026	0.229	No	37	MW-23,M..	n/a	n/a	0	n/a	n/a	0.001265	NP Inter (normality) 1 of 2
Beryllium (mg/L)	GU-3A	0.00033	n/a	3/23/2026	0.00033ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	MW-14R	0.00033	n/a	3/20/2026	0.00033ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	MW-18	0.00033	n/a	3/19/2026	0.00033ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	MW-19	0.00033	n/a	3/19/2026	0.00033ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	MW-28	0.00033	n/a	3/19/2026	0.00033ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2

Prediction Limit

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:06 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Beryllium (mg/L)	MW-29	0.00033	n/a	3/20/2026	0.00033ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2	
Beryllium (mg/L)	MW-30R	0.00033	n/a	3/20/2026	0.00033ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2	
Beryllium (mg/L)	MW-31R	0.00033	n/a	3/19/2026	0.00033ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2	
Beryllium (mg/L)	MW-32R	0.00033	n/a	3/20/2026	0.00033ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2	
Beryllium (mg/L)	MW-33R	0.00033	n/a	3/20/2026	0.00033ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2	
Beryllium (mg/L)	MW-39	0.00033	n/a	3/19/2026	0.00033ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2	
Beryllium (mg/L)	MW-55	0.00033	n/a	3/19/2026	0.00033ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2	
Beryllium (mg/L)	MW-56	0.00033	n/a	3/19/2026	0.00033ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2	
Beryllium (mg/L)	MW-58	0.00033	n/a	3/19/2026	0.00033ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2	
Beryllium (mg/L)	MW-57R	0.00033	n/a	3/19/2026	0.00033ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2	
Cadmium (mg/L)	GU-3A	0.000139	n/a	3/23/2026	0.0001ND	No	30	MW-24R,..n/a	n/a	90	n/a	n/a	0.001816	NP Inter (NDs) 1 of 2	
Cadmium (mg/L)	MW-14R	0.000139	n/a	3/20/2026	0.0001ND	No	30	MW-24R,..n/a	n/a	90	n/a	n/a	0.001816	NP Inter (NDs) 1 of 2	
Cadmium (mg/L)	MW-18	0.000139	n/a	3/19/2026	0.0001ND	No	30	MW-24R,..n/a	n/a	90	n/a	n/a	0.001816	NP Inter (NDs) 1 of 2	
Cadmium (mg/L)	MW-19	0.000139	n/a	3/19/2026	0.0001ND	No	30	MW-24R,..n/a	n/a	90	n/a	n/a	0.001816	NP Inter (NDs) 1 of 2	
Cadmium (mg/L)	MW-28	0.000139	n/a	3/19/2026	0.0001ND	No	30	MW-24R,..n/a	n/a	90	n/a	n/a	0.001816	NP Inter (NDs) 1 of 2	
Cadmium (mg/L)	MW-29	0.000139	n/a	3/20/2026	0.0001ND	No	30	MW-24R,..n/a	n/a	90	n/a	n/a	0.001816	NP Inter (NDs) 1 of 2	
Cadmium (mg/L)	MW-30R	0.000139	n/a	3/20/2026	0.0001ND	No	30	MW-24R,..n/a	n/a	90	n/a	n/a	0.001816	NP Inter (NDs) 1 of 2	
Cadmium (mg/L)	MW-31R	0.000139	n/a	3/19/2026	0.0001ND	No	30	MW-24R,..n/a	n/a	90	n/a	n/a	0.001816	NP Inter (NDs) 1 of 2	
Cadmium (mg/L)	MW-32R	0.000139	n/a	3/20/2026	0.0001ND	No	30	MW-24R,..n/a	n/a	90	n/a	n/a	0.001816	NP Inter (NDs) 1 of 2	
Cadmium (mg/L)	**MW-33R**	**0.000139**	**n/a**	**3/20/2026**	**0.000203**	**Yes**	**30**	**MW-24R,..n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.001816**	**NP Inter (NDs) 1 of 2**	
Cadmium (mg/L)	MW-39	0.000139	n/a	3/19/2026	0.0001ND	No	30	MW-24R,..n/a	n/a	90	n/a	n/a	0.001816	NP Inter (NDs) 1 of 2	
Cadmium (mg/L)	MW-55	0.000139	n/a	3/19/2026	0.0001ND	No	30	MW-24R,..n/a	n/a	90	n/a	n/a	0.001816	NP Inter (NDs) 1 of 2	
Cadmium (mg/L)	MW-56	0.000139	n/a	3/19/2026	0.000119J	No	30	MW-24R,..n/a	n/a	90	n/a	n/a	0.001816	NP Inter (NDs) 1 of 2	
Cadmium (mg/L)	MW-58	0.000139	n/a	3/19/2026	0.0001ND	No	30	MW-24R,..n/a	n/a	90	n/a	n/a	0.001816	NP Inter (NDs) 1 of 2	
Cadmium (mg/L)	**MW-57R**	**0.000139**	**n/a**	**3/19/2026**	**0.00156**	**Yes**	**30**	**MW-24R,..n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.001816**	**NP Inter (NDs) 1 of 2**	
Chromium (mg/L)	GU-3A	0.0018	n/a	3/23/2026	0.0018ND	No	31	MW-24R,..n/a	n/a	100	n/a	n/a	0.001729	NP Inter (NDs) 1 of 2	
Chromium (mg/L)	MW-14R	0.0018	n/a	3/20/2026	0.0018ND	No	31	MW-24R,..n/a	n/a	100	n/a	n/a	0.001729	NP Inter (NDs) 1 of 2	
Chromium (mg/L)	MW-18	0.0018	n/a	3/19/2026	0.0018ND	No	31	MW-24R,..n/a	n/a	100	n/a	n/a	0.001729	NP Inter (NDs) 1 of 2	
Chromium (mg/L)	MW-19	0.0018	n/a	3/19/2026	0.0018ND	No	31	MW-24R,..n/a	n/a	100	n/a	n/a	0.001729	NP Inter (NDs) 1 of 2	
Chromium (mg/L)	MW-28	0.0018	n/a	3/19/2026	0.0018ND	No	31	MW-24R,..n/a	n/a	100	n/a	n/a	0.001729	NP Inter (NDs) 1 of 2	
Chromium (mg/L)	MW-29	0.0018	n/a	3/20/2026	0.0018ND	No	31	MW-24R,..n/a	n/a	100	n/a	n/a	0.001729	NP Inter (NDs) 1 of 2	
Chromium (mg/L)	MW-30R	0.0018	n/a	3/20/2026	0.0018ND	No	31	MW-24R,..n/a	n/a	100	n/a	n/a	0.001729	NP Inter (NDs) 1 of 2	
Chromium (mg/L)	MW-31R	0.0018	n/a	3/19/2026	0.0018ND	No	31	MW-24R,..n/a	n/a	100	n/a	n/a	0.001729	NP Inter (NDs) 1 of 2	
Chromium (mg/L)	MW-32R	0.0018	n/a	3/20/2026	0.0018ND	No	31	MW-24R,..n/a	n/a	100	n/a	n/a	0.001729	NP Inter (NDs) 1 of 2	
Chromium (mg/L)	MW-33R	0.0018	n/a	3/20/2026	0.0018ND	No	31	MW-24R,..n/a	n/a	100	n/a	n/a	0.001729	NP Inter (NDs) 1 of 2	
Chromium (mg/L)	MW-39	0.0018	n/a	3/19/2026	0.0018ND	No	31	MW-24R,..n/a	n/a	100	n/a	n/a	0.001729	NP Inter (NDs) 1 of 2	
Chromium (mg/L)	MW-55	0.0018	n/a	3/19/2026	0.0018ND	No	31	MW-24R,..n/a	n/a	100	n/a	n/a	0.001729	NP Inter (NDs) 1 of 2	
Chromium (mg/L)	MW-56	0.0018	n/a	3/19/2026	0.0018ND	No	31	MW-24R,..n/a	n/a	100	n/a	n/a	0.001729	NP Inter (NDs) 1 of 2	
Chromium (mg/L)	MW-58	0.0018	n/a	3/19/2026	0.0018ND	No	31	MW-24R,..n/a	n/a	100	n/a	n/a	0.001729	NP Inter (NDs) 1 of 2	
Chromium (mg/L)	MW-57R	0.0018	n/a	3/19/2026	0.00181J	No	31	MW-24R,..n/a	n/a	100	n/a	n/a	0.001729	NP Inter (NDs) 1 of 2	
Cobalt (mg/L)	GU-3A	0.00281	n/a	3/23/2026	0.00157	No	40	MW-24R,..n/a	n/a	60	n/a	n/a	0.001088	NP Inter (NDs) 1 of 2	
Cobalt (mg/L)	MW-14R	0.00281	n/a	3/20/2026	0.000428J	No	40	MW-24R,..n/a	n/a	60	n/a	n/a	0.001088	NP Inter (NDs) 1 of 2	
Cobalt (mg/L)	MW-18	0.00281	n/a	3/19/2026	0.00103	No	40	MW-24R,..n/a	n/a	60	n/a	n/a	0.001088	NP Inter (NDs) 1 of 2	
Cobalt (mg/L)	MW-19	0.00281	n/a	3/19/2026	0.00017ND	No	40	MW-24R,..n/a	n/a	60	n/a	n/a	0.001088	NP Inter (NDs) 1 of 2	
Cobalt (mg/L)	MW-28	0.00281	n/a	3/19/2026	0.000181J	No	40	MW-24R,..n/a	n/a	60	n/a	n/a	0.001088	NP Inter (NDs) 1 of 2	
Cobalt (mg/L)	**MW-29**	**0.00281**	**n/a**	**3/20/2026**	**0.0665**	**Yes**	**40**	**MW-24R,..n/a**	**n/a**	**60**	**n/a**	**n/a**	**0.001088**	**NP Inter (NDs) 1 of 2**	
Cobalt (mg/L)	**MW-30R**	**0.00281**	**n/a**	**3/20/2026**	**0.00626**	**Yes**	**40**	**MW-24R,..n/a**	**n/a**	**60**	**n/a**	**n/a**	**0.001088**	**NP Inter (NDs) 1 of 2**	
Cobalt (mg/L)	MW-31R	0.00281	n/a	3/19/2026	0.000206J	No	40	MW-24R,..n/a	n/a	60	n/a	n/a	0.001088	NP Inter (NDs) 1 of 2	
Cobalt (mg/L)	MW-32R	0.00281	n/a	3/20/2026	0.000634	No	40	MW-24R,..n/a	n/a	60	n/a	n/a	0.001088	NP Inter (NDs) 1 of 2	
Cobalt (mg/L)	**MW-33R**	**0.00281**	**n/a**	**3/20/2026**	**0.00854**	**Yes**	**40**	**MW-24R,..n/a**	**n/a**	**60**	**n/a**	**n/a**	**0.001088**	**NP Inter (NDs) 1 of 2**	

Prediction Limit

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:06 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	**MW-39**	**0.00281**	**n/a**	**3/19/2026**	**0.0063**	**Yes**	**40**	**MW-24R,..**	**n/a**	**n/a**	**60**	**n/a**	**n/a**	**0.001088**	**NP Inter (NDs) 1 of 2**
Cobalt (mg/L)	MW-55	0.00281	n/a	3/19/2026	0.00017ND	No	40	MW-24R,..	n/a	n/a	60	n/a	n/a	0.001088	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	**MW-56**	**0.00281**	**n/a**	**3/19/2026**	**0.00931**	**Yes**	**40**	**MW-24R,..**	**n/a**	**n/a**	**60**	**n/a**	**n/a**	**0.001088**	**NP Inter (NDs) 1 of 2**
Cobalt (mg/L)	MW-58	0.00281	n/a	3/19/2026	0.00131	No	40	MW-24R,..	n/a	n/a	60	n/a	n/a	0.001088	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	**MW-57R**	**0.00281**	**n/a**	**3/19/2026**	**0.0104**	**Yes**	**40**	**MW-24R,..**	**n/a**	**n/a**	**60**	**n/a**	**n/a**	**0.001088**	**NP Inter (NDs) 1 of 2**
Copper (mg/L)	GU-3A	0.0053	n/a	3/23/2026	0.0032ND	No	34	MW-23,M..	n/a	n/a	88.24	n/a	n/a	0.00147	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-14R	0.0053	n/a	3/20/2026	0.0032ND	No	34	MW-23,M..	n/a	n/a	88.24	n/a	n/a	0.00147	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-18	0.0053	n/a	3/19/2026	0.0032ND	No	34	MW-23,M..	n/a	n/a	88.24	n/a	n/a	0.00147	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-19	0.0053	n/a	3/19/2026	0.0032ND	No	34	MW-23,M..	n/a	n/a	88.24	n/a	n/a	0.00147	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-28	0.0053	n/a	3/19/2026	0.0032ND	No	34	MW-23,M..	n/a	n/a	88.24	n/a	n/a	0.00147	NP Inter (NDs) 1 of 2
Copper (mg/L)	**MW-29**	**0.0053**	**n/a**	**3/20/2026**	**0.00587**	**Yes**	**34**	**MW-23,M..**	**n/a**	**n/a**	**88.24**	**n/a**	**n/a**	**0.00147**	**NP Inter (NDs) 1 of 2**
Copper (mg/L)	MW-30R	0.0053	n/a	3/20/2026	0.0032ND	No	34	MW-23,M..	n/a	n/a	88.24	n/a	n/a	0.00147	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-31R	0.0053	n/a	3/19/2026	0.0032ND	No	34	MW-23,M..	n/a	n/a	88.24	n/a	n/a	0.00147	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-32R	0.0053	n/a	3/20/2026	0.0032ND	No	34	MW-23,M..	n/a	n/a	88.24	n/a	n/a	0.00147	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-33R	0.0053	n/a	3/20/2026	0.0032ND	No	34	MW-23,M..	n/a	n/a	88.24	n/a	n/a	0.00147	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-39	0.0053	n/a	3/19/2026	0.0032ND	No	34	MW-23,M..	n/a	n/a	88.24	n/a	n/a	0.00147	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-55	0.0053	n/a	3/19/2026	0.0032ND	No	34	MW-23,M..	n/a	n/a	88.24	n/a	n/a	0.00147	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-56	0.0053	n/a	3/19/2026	0.0032ND	No	34	MW-23,M..	n/a	n/a	88.24	n/a	n/a	0.00147	NP Inter (NDs) 1 of 2
Copper (mg/L)	**MW-58**	**0.0053**	**n/a**	**3/19/2026**	**0.00601**	**Yes**	**34**	**MW-23,M..**	**n/a**	**n/a**	**88.24**	**n/a**	**n/a**	**0.00147**	**NP Inter (NDs) 1 of 2**
Copper (mg/L)	MW-57R	0.0053	n/a	3/19/2026	0.00321J	No	34	MW-23,M..	n/a	n/a	88.24	n/a	n/a	0.00147	NP Inter (NDs) 1 of 2
Lead (mg/L)	GU-3A	0.000784	n/a	3/23/2026	0.00033ND	No	36	MW-23,M..	n/a	n/a	86.11	n/a	n/a	0.001325	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-14R	0.000784	n/a	3/20/2026	0.00033ND	No	36	MW-23,M..	n/a	n/a	86.11	n/a	n/a	0.001325	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-18	0.000784	n/a	3/19/2026	0.00033ND	No	36	MW-23,M..	n/a	n/a	86.11	n/a	n/a	0.001325	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-19	0.000784	n/a	3/19/2026	0.00033ND	No	36	MW-23,M..	n/a	n/a	86.11	n/a	n/a	0.001325	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-28	0.000784	n/a	3/19/2026	0.00033ND	No	36	MW-23,M..	n/a	n/a	86.11	n/a	n/a	0.001325	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-29	0.000784	n/a	3/20/2026	0.00033ND	No	36	MW-23,M..	n/a	n/a	86.11	n/a	n/a	0.001325	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-30R	0.000784	n/a	3/20/2026	0.00033ND	No	36	MW-23,M..	n/a	n/a	86.11	n/a	n/a	0.001325	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-31R	0.000784	n/a	3/19/2026	0.00033ND	No	36	MW-23,M..	n/a	n/a	86.11	n/a	n/a	0.001325	NP Inter (NDs) 1 of 2
Lead (mg/L)	**MW-32R**	**0.000784**	**n/a**	**3/20/2026**	**0.000927**	**Yes**	**36**	**MW-23,M..**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.001325**	**NP Inter (NDs) 1 of 2**
Lead (mg/L)	MW-33R	0.000784	n/a	3/20/2026	0.00033ND	No	36	MW-23,M..	n/a	n/a	86.11	n/a	n/a	0.001325	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-39	0.000784	n/a	3/19/2026	0.00033ND	No	36	MW-23,M..	n/a	n/a	86.11	n/a	n/a	0.001325	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-55	0.000784	n/a	3/19/2026	0.00033ND	No	36	MW-23,M..	n/a	n/a	86.11	n/a	n/a	0.001325	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-56	0.000784	n/a	3/19/2026	0.00033ND	No	36	MW-23,M..	n/a	n/a	86.11	n/a	n/a	0.001325	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-58	0.000784	n/a	3/19/2026	0.00033ND	No	36	MW-23,M..	n/a	n/a	86.11	n/a	n/a	0.001325	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-57R	0.000784	n/a	3/19/2026	0.00033ND	No	36	MW-23,M..	n/a	n/a	86.11	n/a	n/a	0.001325	NP Inter (NDs) 1 of 2
Nickel (mg/L)	GU-3A	0.0132	n/a	3/23/2026	0.0117	No	26	MW-24R,..	n/a	n/a	53.85	n/a	n/a	0.002346	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-14R	0.0132	n/a	3/20/2026	0.0023ND	No	26	MW-24R,..	n/a	n/a	53.85	n/a	n/a	0.002346	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-18	0.0132	n/a	3/19/2026	0.00238J	No	26	MW-24R,..	n/a	n/a	53.85	n/a	n/a	0.002346	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-19	0.0132	n/a	3/19/2026	0.0023ND	No	26	MW-24R,..	n/a	n/a	53.85	n/a	n/a	0.002346	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-28	0.0132	n/a	3/19/2026	0.0023ND	No	26	MW-24R,..	n/a	n/a	53.85	n/a	n/a	0.002346	NP Inter (NDs) 1 of 2
Nickel (mg/L)	**MW-29**	**0.0132**	**n/a**	**3/20/2026**	**0.0621**	**Yes**	**26**	**MW-24R,..**	**n/a**	**n/a**	**53.85**	**n/a**	**n/a**	**0.002346**	**NP Inter (NDs) 1 of 2**
Nickel (mg/L)	MW-30R	0.0132	n/a	3/20/2026	0.00477J	No	26	MW-24R,..	n/a	n/a	53.85	n/a	n/a	0.002346	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-31R	0.0132	n/a	3/19/2026	0.0023ND	No	26	MW-24R,..	n/a	n/a	53.85	n/a	n/a	0.002346	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-32R	0.0132	n/a	3/20/2026	0.0023ND	No	26	MW-24R,..	n/a	n/a	53.85	n/a	n/a	0.002346	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-33R	0.0132	n/a	3/20/2026	0.00514	No	26	MW-24R,..	n/a	n/a	53.85	n/a	n/a	0.002346	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-39	0.0132	n/a	3/19/2026	0.00608	No	26	MW-24R,..	n/a	n/a	53.85	n/a	n/a	0.002346	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-55	0.0132	n/a	3/19/2026	0.0023ND	No	26	MW-24R,..	n/a	n/a	53.85	n/a	n/a	0.002346	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-56	0.0132	n/a	3/19/2026	0.0119	No	26	MW-24R,..	n/a	n/a	53.85	n/a	n/a	0.002346	NP Inter (NDs) 1 of 2
Nickel (mg/L)	**MW-58**	**0.0132**	**n/a**	**3/19/2026**	**0.015**	**Yes**	**26**	**MW-24R,..**	**n/a**	**n/a**	**53.85**	**n/a**	**n/a**	**0.002346**	**NP Inter (NDs) 1 of 2**
Nickel (mg/L)	**MW-57R**	**0.0132**	**n/a**	**3/19/2026**	**0.0244**	**Yes**	**26**	**MW-24R,..**	**n/a**	**n/a**	**53.85**	**n/a**	**n/a**	**0.002346**	**NP Inter (NDs) 1 of 2**

Prediction Limit

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:06 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Selenium (mg/L)	GU-3A	0.00214	n/a	3/23/2026	0.0014ND	No	32	MW-24R,..n/a	n/a	75	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Selenium (mg/L)	MW-14R	0.00214	n/a	3/20/2026	0.0014ND	No	32	MW-24R,..n/a	n/a	75	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Selenium (mg/L)	MW-18	0.00214	n/a	3/19/2026	0.0014ND	No	32	MW-24R,..n/a	n/a	75	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Selenium (mg/L)	MW-19	0.00214	n/a	3/19/2026	0.0014ND	No	32	MW-24R,..n/a	n/a	75	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Selenium (mg/L)	MW-28	0.00214	n/a	3/19/2026	0.0014ND	No	32	MW-24R,..n/a	n/a	75	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Selenium (mg/L)	MW-29	0.00214	n/a	3/20/2026	0.0014ND	No	32	MW-24R,..n/a	n/a	75	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Selenium (mg/L)	MW-30R	0.00214	n/a	3/20/2026	0.0014ND	No	32	MW-24R,..n/a	n/a	75	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Selenium (mg/L)	MW-31R	0.00214	n/a	3/19/2026	0.0014ND	No	32	MW-24R,..n/a	n/a	75	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Selenium (mg/L)	MW-32R	0.00214	n/a	3/20/2026	0.0014ND	No	32	MW-24R,..n/a	n/a	75	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Selenium (mg/L)	MW-33R	0.00214	n/a	3/20/2026	0.0014ND	No	32	MW-24R,..n/a	n/a	75	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Selenium (mg/L)	MW-39	0.00214	n/a	3/19/2026	0.0014ND	No	32	MW-24R,..n/a	n/a	75	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Selenium (mg/L)	MW-55	0.00214	n/a	3/19/2026	0.0014ND	No	32	MW-24R,..n/a	n/a	75	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Selenium (mg/L)	MW-56	0.00214	n/a	3/19/2026	0.0014ND	No	32	MW-24R,..n/a	n/a	75	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Selenium (mg/L)	MW-58	0.00214	n/a	3/19/2026	0.0014ND	No	32	MW-24R,..n/a	n/a	75	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Selenium (mg/L)	MW-57R	0.00214	n/a	3/19/2026	0.0014ND	No	32	MW-24R,..n/a	n/a	75	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Silver (mg/L)	GU-3A	0.0005	n/a	3/23/2026	0.0005ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Silver (mg/L)	MW-14R	0.0005	n/a	3/20/2026	0.0005ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Silver (mg/L)	MW-18	0.0005	n/a	3/19/2026	0.0005ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Silver (mg/L)	MW-19	0.0005	n/a	3/19/2026	0.0005ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Silver (mg/L)	MW-28	0.0005	n/a	3/19/2026	0.0005ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Silver (mg/L)	MW-29	0.0005	n/a	3/20/2026	0.0005ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Silver (mg/L)	MW-30R	0.0005	n/a	3/20/2026	0.0005ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Silver (mg/L)	MW-31R	0.0005	n/a	3/19/2026	0.0005ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Silver (mg/L)	MW-32R	0.0005	n/a	3/20/2026	0.0005ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Silver (mg/L)	MW-33R	0.0005	n/a	3/20/2026	0.0005ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Silver (mg/L)	MW-39	0.0005	n/a	3/19/2026	0.0005ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Silver (mg/L)	MW-55	0.0005	n/a	3/19/2026	0.0005ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Silver (mg/L)	MW-56	0.0005	n/a	3/19/2026	0.0005ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Silver (mg/L)	MW-58	0.0005	n/a	3/19/2026	0.0005ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Silver (mg/L)	MW-57R	0.0005	n/a	3/19/2026	0.0005ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Sulfide (mg/L)	MW-14R	1	n/a	3/20/2026	1ND	No	8	MW-23,M..n/a	n/a	87.5	n/a	n/a	0.01267	NP Inter	(NDs) 1 of 2
Sulfide (mg/L)	MW-18	1	n/a	10/8/2024	1ND	No	8	MW-23,M..n/a	n/a	87.5	n/a	n/a	0.01267	NP Inter	(NDs) 1 of 2
Sulfide (mg/L)	MW-19	1	n/a	10/7/2024	1ND	No	8	MW-23,M..n/a	n/a	87.5	n/a	n/a	0.01267	NP Inter	(NDs) 1 of 2
Sulfide (mg/L)	MW-28	1	n/a	10/7/2024	1ND	No	8	MW-23,M..n/a	n/a	87.5	n/a	n/a	0.01267	NP Inter	(NDs) 1 of 2
Sulfide (mg/L)	MW-29	1	n/a	10/8/2024	1ND	No	8	MW-23,M..n/a	n/a	87.5	n/a	n/a	0.01267	NP Inter	(NDs) 1 of 2
Sulfide (mg/L)	MW-30R	1	n/a	10/8/2024	1ND	No	8	MW-23,M..n/a	n/a	87.5	n/a	n/a	0.01267	NP Inter	(NDs) 1 of 2
Sulfide (mg/L)	MW-31R	1	n/a	10/8/2024	1ND	No	8	MW-23,M..n/a	n/a	87.5	n/a	n/a	0.01267	NP Inter	(NDs) 1 of 2
Sulfide (mg/L)	MW-32R	1	n/a	10/9/2024	1ND	No	8	MW-23,M..n/a	n/a	87.5	n/a	n/a	0.01267	NP Inter	(NDs) 1 of 2
Sulfide (mg/L)	MW-33R	1	n/a	10/9/2024	1ND	No	8	MW-23,M..n/a	n/a	87.5	n/a	n/a	0.01267	NP Inter	(NDs) 1 of 2
Sulfide (mg/L)	MW-39	1	n/a	10/8/2024	1ND	No	8	MW-23,M..n/a	n/a	87.5	n/a	n/a	0.01267	NP Inter	(NDs) 1 of 2
Sulfide (mg/L)	MW-55	1	n/a	3/19/2026	1ND	No	8	MW-23,M..n/a	n/a	87.5	n/a	n/a	0.01267	NP Inter	(NDs) 1 of 2
Sulfide (mg/L)	MW-56	1	n/a	10/7/2024	1ND	No	8	MW-23,M..n/a	n/a	87.5	n/a	n/a	0.01267	NP Inter	(NDs) 1 of 2
Sulfide (mg/L)	MW-58	1	n/a	10/7/2024	1ND	No	8	MW-23,M..n/a	n/a	87.5	n/a	n/a	0.01267	NP Inter	(NDs) 1 of 2
Sulfide (mg/L)	MW-57R	1	n/a	3/19/2026	1ND	No	8	MW-23,M..n/a	n/a	87.5	n/a	n/a	0.01267	NP Inter	(NDs) 1 of 2
Thallium (mg/L)	GU-3A	0.00057	n/a	3/23/2026	0.00057ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Thallium (mg/L)	MW-14R	0.00057	n/a	3/20/2026	0.00057ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Thallium (mg/L)	MW-18	0.00057	n/a	3/19/2026	0.00057ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Thallium (mg/L)	MW-19	0.00057	n/a	3/19/2026	0.00057ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Thallium (mg/L)	MW-28	0.00057	n/a	3/19/2026	0.00057ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2
Thallium (mg/L)	MW-29	0.00057	n/a	3/20/2026	0.00057ND	No	32	MW-24R,..n/a	n/a	100	n/a	n/a	0.001643	NP Inter	(NDs) 1 of 2

Prediction Limit

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:06 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Thallium (mg/L)	MW-30R	0.00057	n/a	3/20/2026	0.00057ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-31R	0.00057	n/a	3/19/2026	0.00057ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-32R	0.00057	n/a	3/20/2026	0.00057ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-33R	0.00057	n/a	3/20/2026	0.00057ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-39	0.00057	n/a	3/19/2026	0.00057ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-55	0.00057	n/a	3/19/2026	0.00057ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-56	0.00057	n/a	3/19/2026	0.00057ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-58	0.00057	n/a	3/19/2026	0.00057ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-57R	0.00057	n/a	3/19/2026	0.00057ND	No	32	MW-24R,..	n/a	n/a	100	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GU-3A	0.0017	n/a	3/23/2026	0.0017ND	No	32	MW-23,M..	n/a	n/a	78.13	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-14R	0.0017	n/a	3/20/2026	0.0017ND	No	32	MW-23,M..	n/a	n/a	78.13	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-18	0.0017	n/a	3/19/2026	0.0017ND	No	32	MW-23,M..	n/a	n/a	78.13	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-19	0.0017	n/a	3/19/2026	0.0017ND	No	32	MW-23,M..	n/a	n/a	78.13	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-28	0.0017	n/a	3/19/2026	0.0017ND	No	32	MW-23,M..	n/a	n/a	78.13	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-29	0.0017	n/a	3/20/2026	0.0017ND	No	32	MW-23,M..	n/a	n/a	78.13	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-30R	0.0017	n/a	3/20/2026	0.0017ND	No	32	MW-23,M..	n/a	n/a	78.13	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-31R	0.0017	n/a	3/19/2026	0.0017ND	No	32	MW-23,M..	n/a	n/a	78.13	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-32R	0.0017	n/a	3/20/2026	0.00246J	No	32	MW-23,M..	n/a	n/a	78.13	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-33R	0.0017	n/a	3/20/2026	0.0017ND	No	32	MW-23,M..	n/a	n/a	78.13	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-39	0.0017	n/a	3/19/2026	0.0017ND	No	32	MW-23,M..	n/a	n/a	78.13	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-55	0.0017	n/a	3/19/2026	0.0017ND	No	32	MW-23,M..	n/a	n/a	78.13	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-56	0.0017	n/a	3/19/2026	0.0017ND	No	32	MW-23,M..	n/a	n/a	78.13	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-58	0.0017	n/a	3/19/2026	0.0017ND	No	32	MW-23,M..	n/a	n/a	78.13	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-57R	0.0017	n/a	3/19/2026	0.00466J	No	32	MW-23,M..	n/a	n/a	78.13	n/a	n/a	0.001643	NP Inter (NDs) 1 of 2
Zinc (mg/L)	GU-3A	0.0523	n/a	3/23/2026	0.013ND	No	37	MW-23,M..	n/a	n/a	78.38	n/a	n/a	0.001265	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-14R	0.0523	n/a	3/20/2026	0.013ND	No	37	MW-23,M..	n/a	n/a	78.38	n/a	n/a	0.001265	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-18	0.0523	n/a	3/19/2026	0.013ND	No	37	MW-23,M..	n/a	n/a	78.38	n/a	n/a	0.001265	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-19	0.0523	n/a	3/19/2026	0.013ND	No	37	MW-23,M..	n/a	n/a	78.38	n/a	n/a	0.001265	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-28	0.0523	n/a	3/19/2026	0.013ND	No	37	MW-23,M..	n/a	n/a	78.38	n/a	n/a	0.001265	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-29	0.0523	n/a	3/20/2026	0.013ND	No	37	MW-23,M..	n/a	n/a	78.38	n/a	n/a	0.001265	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-30R	0.0523	n/a	3/20/2026	0.013ND	No	37	MW-23,M..	n/a	n/a	78.38	n/a	n/a	0.001265	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-31R	0.0523	n/a	3/19/2026	0.013ND	No	37	MW-23,M..	n/a	n/a	78.38	n/a	n/a	0.001265	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-32R	0.0523	n/a	3/20/2026	0.013ND	No	37	MW-23,M..	n/a	n/a	78.38	n/a	n/a	0.001265	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-33R	0.0523	n/a	3/20/2026	0.013ND	No	37	MW-23,M..	n/a	n/a	78.38	n/a	n/a	0.001265	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-39	0.0523	n/a	3/19/2026	0.013ND	No	37	MW-23,M..	n/a	n/a	78.38	n/a	n/a	0.001265	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-55	0.0523	n/a	3/19/2026	0.013ND	No	37	MW-23,M..	n/a	n/a	78.38	n/a	n/a	0.001265	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-56	0.0523	n/a	3/19/2026	0.013ND	No	37	MW-23,M..	n/a	n/a	78.38	n/a	n/a	0.001265	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-58	0.0523	n/a	3/19/2026	0.0142J	No	37	MW-23,M..	n/a	n/a	78.38	n/a	n/a	0.001265	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-57R	0.0523	n/a	3/19/2026	0.013ND	No	37	MW-23,M..	n/a	n/a	78.38	n/a	n/a	0.001265	NP Inter (NDs) 1 of 2

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Data Screening

Analysis Run 4/29/2026 3:22 PM View: 6_VOCs DQR
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

UG 'Double Quantification Rule' results for 47 constituents in 15 wells on 6 dates:

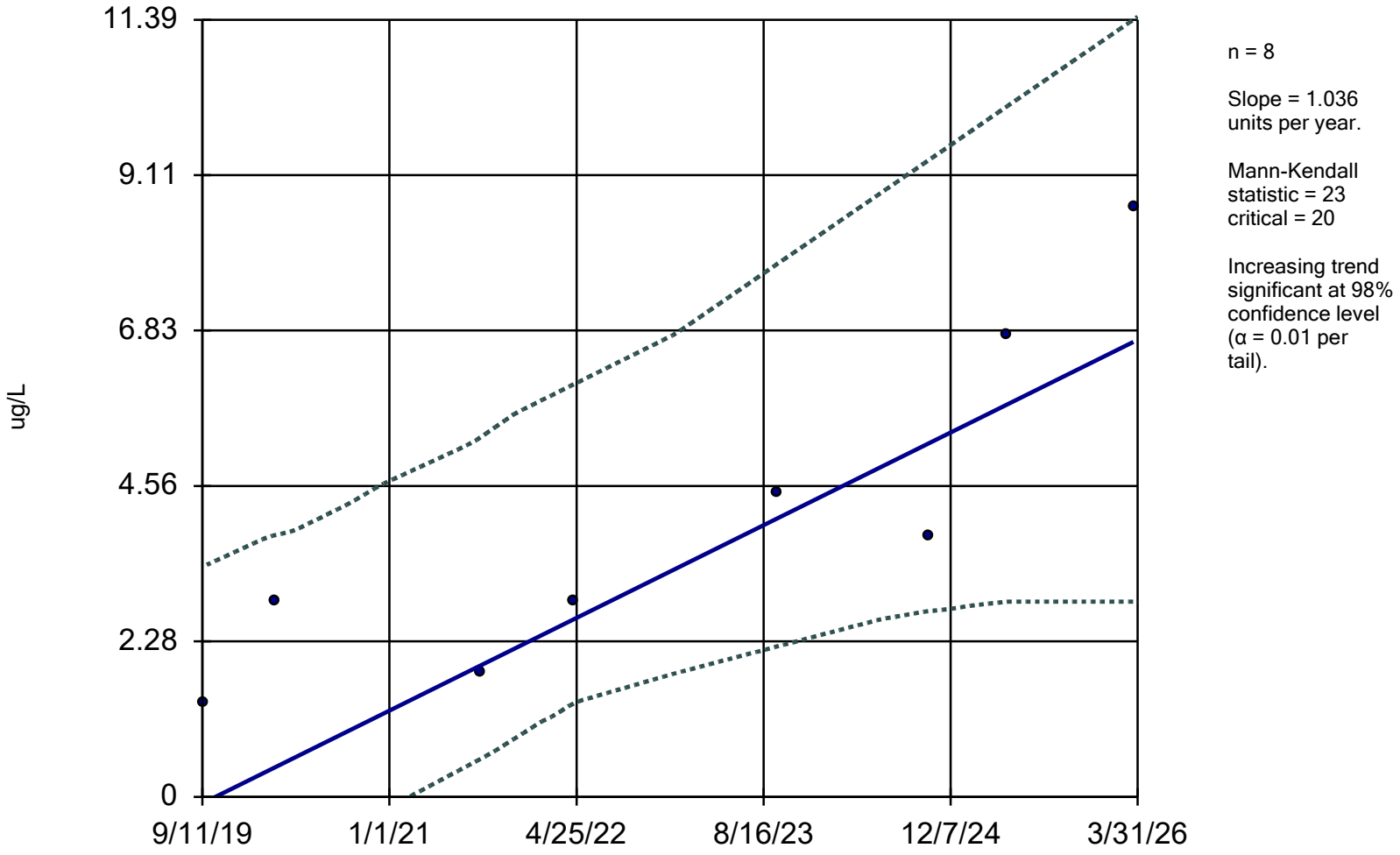
1,1-Dichloroethane, MW-14R, 4/29/2025: 6.78 ug/L, 3/20/2026: 8.63 ug/L
1,1-Dichloroethane, MW-29, 4/29/2025: 1.78 ug/L, 3/20/2026: 2.27 ug/L
1,1-Dichloroethane, MW-30R, 4/29/2025: 1.65 ug/L, 3/20/2026: 3.17 ug/L
1,4-Dichlorobenzene, MW-29, 4/29/2025: 8.83 ug/L, 3/20/2026: 11 ug/L
Benzene, MW-29, 4/29/2025: 3.6 ug/L, 3/20/2026: 2.89 ug/L
Benzene, MW-58, 4/28/2025: 2.77 ug/L, 3/19/2026: 2.85 ug/L
Chlorobenzene, MW-29, 4/29/2025: 17.6 ug/L, 3/20/2026: 21.1 ug/L
Chlorobenzene, MW-58, 4/28/2025: 4.5 ug/L, 3/19/2026: 5.85 ug/L
cis-1,2-Dichloroethene, MW-14R, 4/29/2025: 39.3 ug/L, 3/20/2026: 46.6 ug/L
cis-1,2-Dichloroethene, MW-29, 4/29/2025: 8.11 ug/L, 3/20/2026: 6.6 ug/L
cis-1,2-Dichloroethene, MW-30R, 4/29/2025: 23.5 ug/L, 3/20/2026: 36 ug/L
Trichloroethene, MW-14R, 4/29/2025: 2.79 ug/L, 3/20/2026: 3.71 ug/L
Trichloroethene, MW-30R, 4/29/2025: 1.04 ug/L, 3/20/2026: 1.84 ug/L
Vinyl Chloride, MW-14R, 4/29/2025: 3.13 ug/L, 3/20/2026: 4.69 ug/L
Vinyl Chloride, MW-29, 4/29/2025: 1.95 ug/L, 3/20/2026: 2.35 ug/L
Vinyl Chloride, MW-30R, 4/29/2025: 2.14 ug/L, 3/20/2026: 4.86 ug/L

This page intentionally left blank.

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-14R



n = 8

Slope = 1.036 units per year.

Mann-Kendall statistic = 23
critical = 20

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

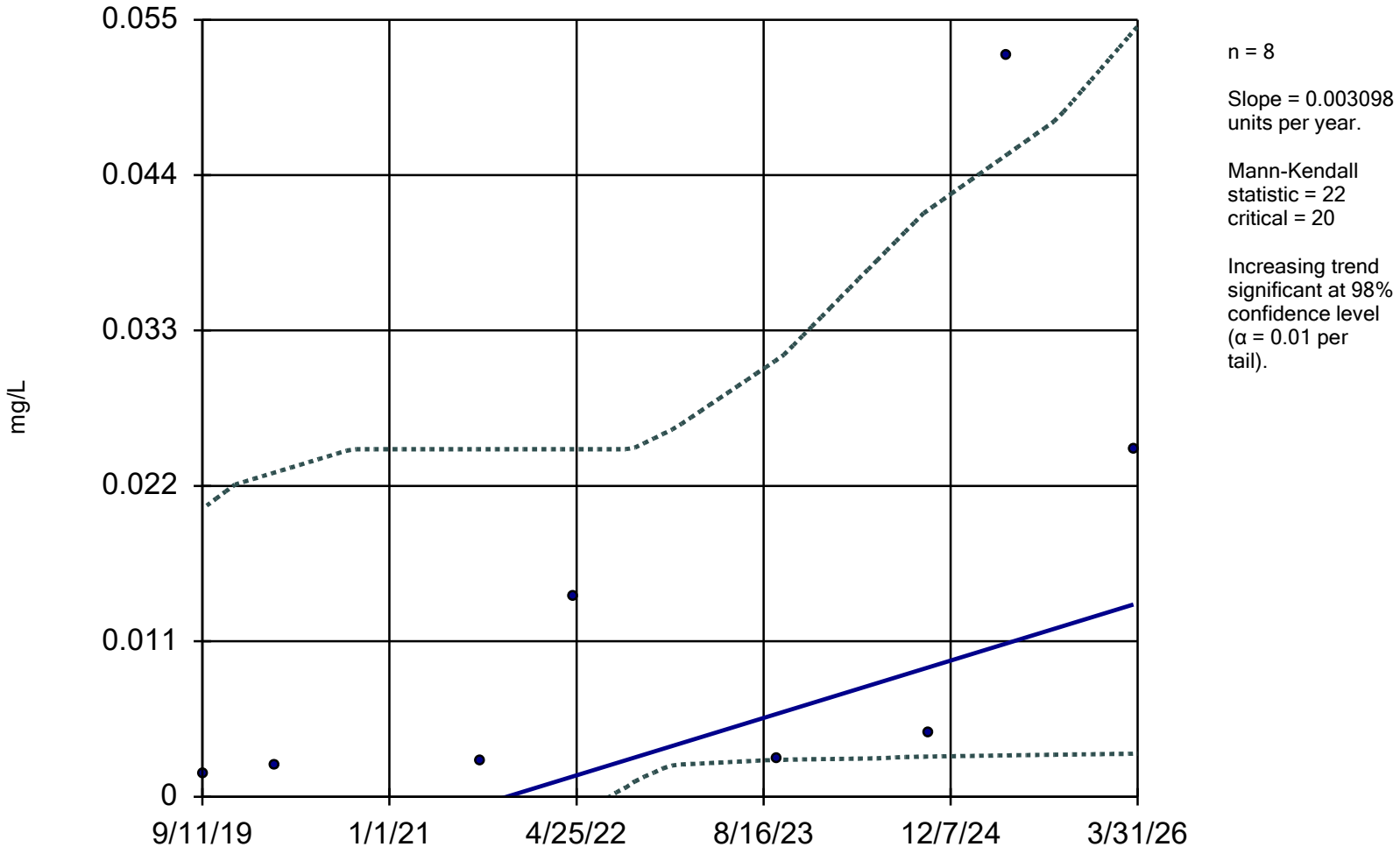
Constituent: 1,1-Dichloroethane Analysis Run 4/29/2026 3:37 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-14R



n = 8

Slope = 0.003098 units per year.

Mann-Kendall statistic = 22
critical = 20

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

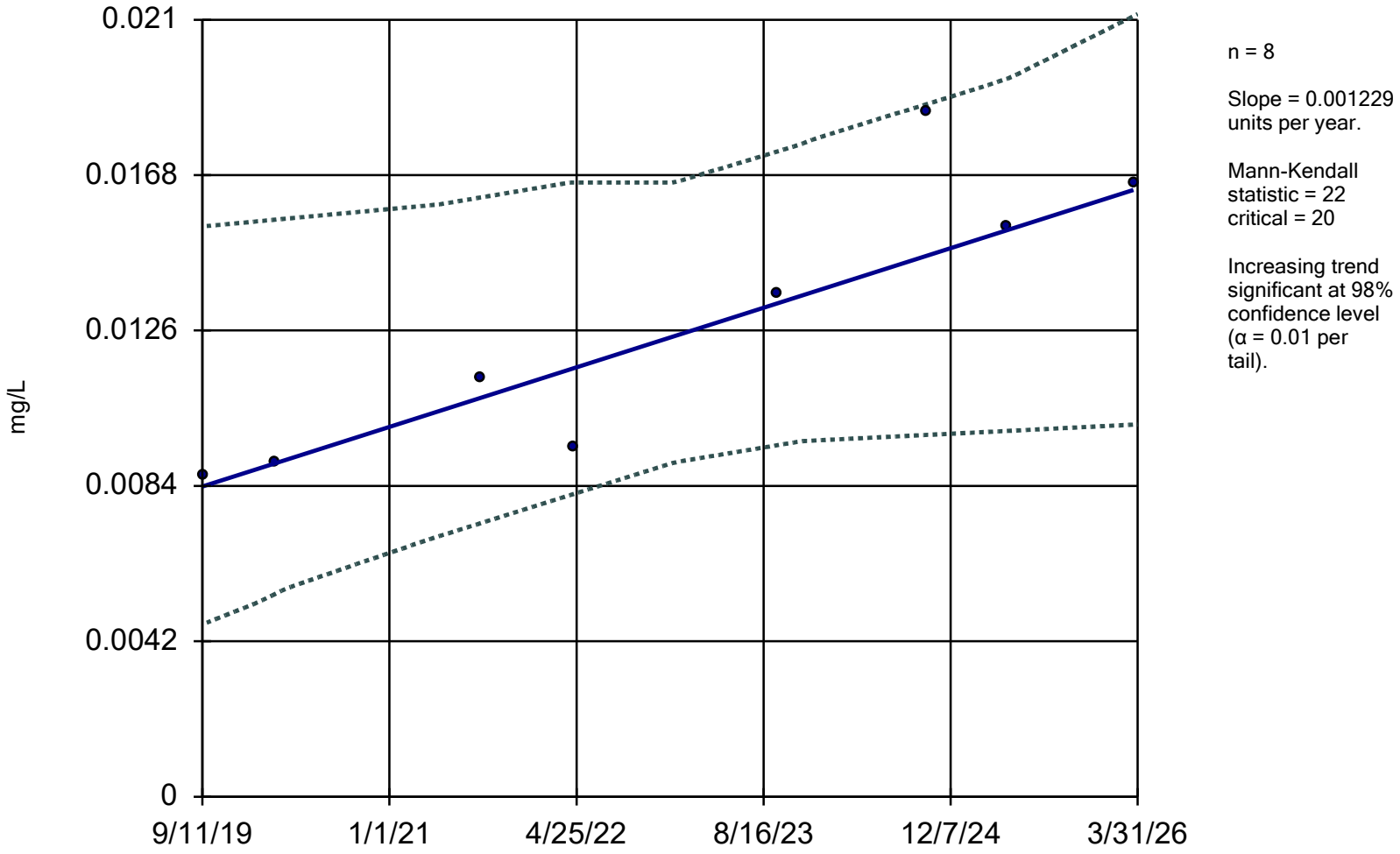
Constituent: Arsenic Analysis Run 4/29/2026 3:40 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-29



n = 8

Slope = 0.001229 units per year.

Mann-Kendall statistic = 22
critical = 20

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

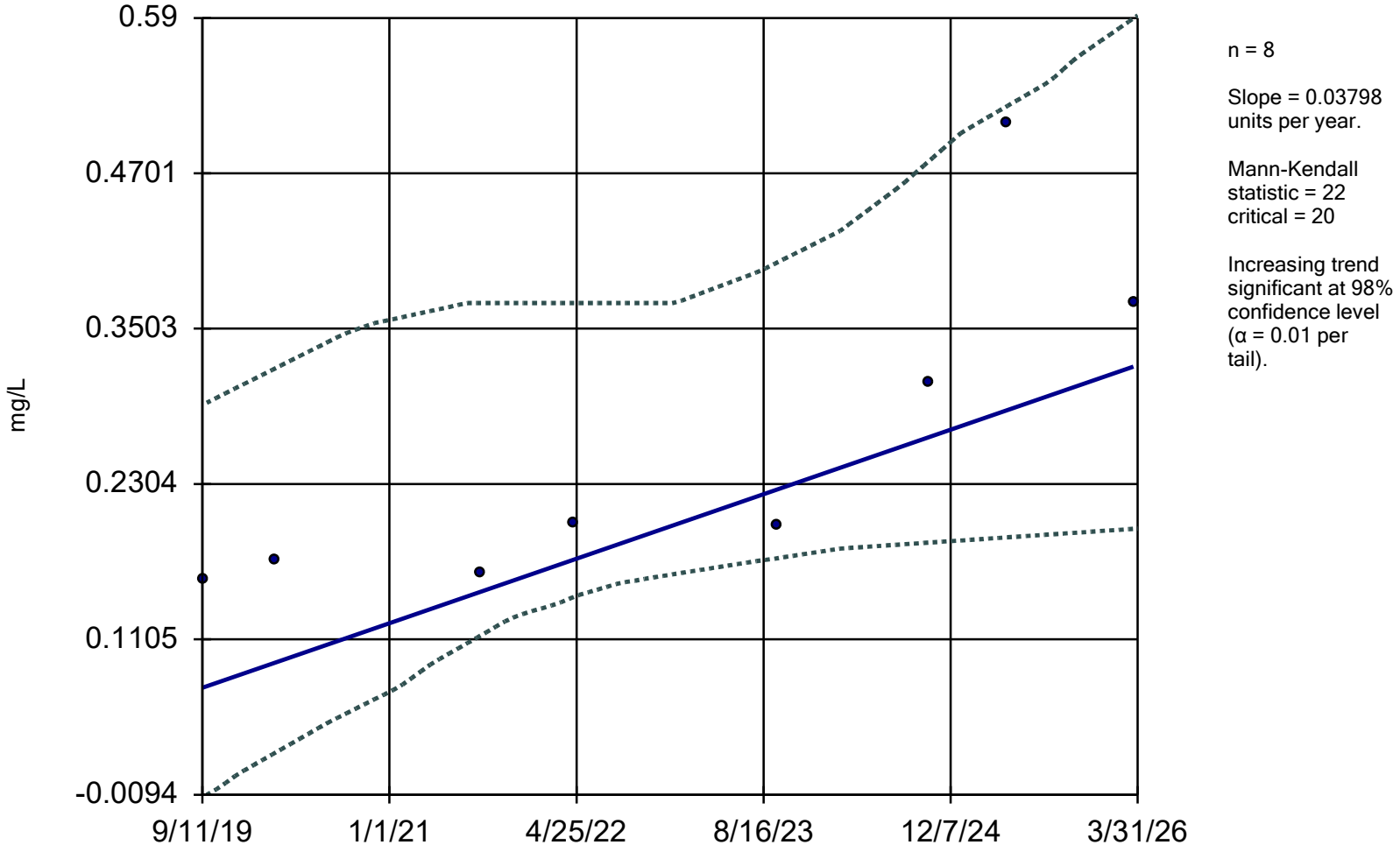
Constituent: Arsenic Analysis Run 4/29/2026 3:40 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-14R



n = 8

Slope = 0.03798 units per year.

Mann-Kendall statistic = 22
critical = 20

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

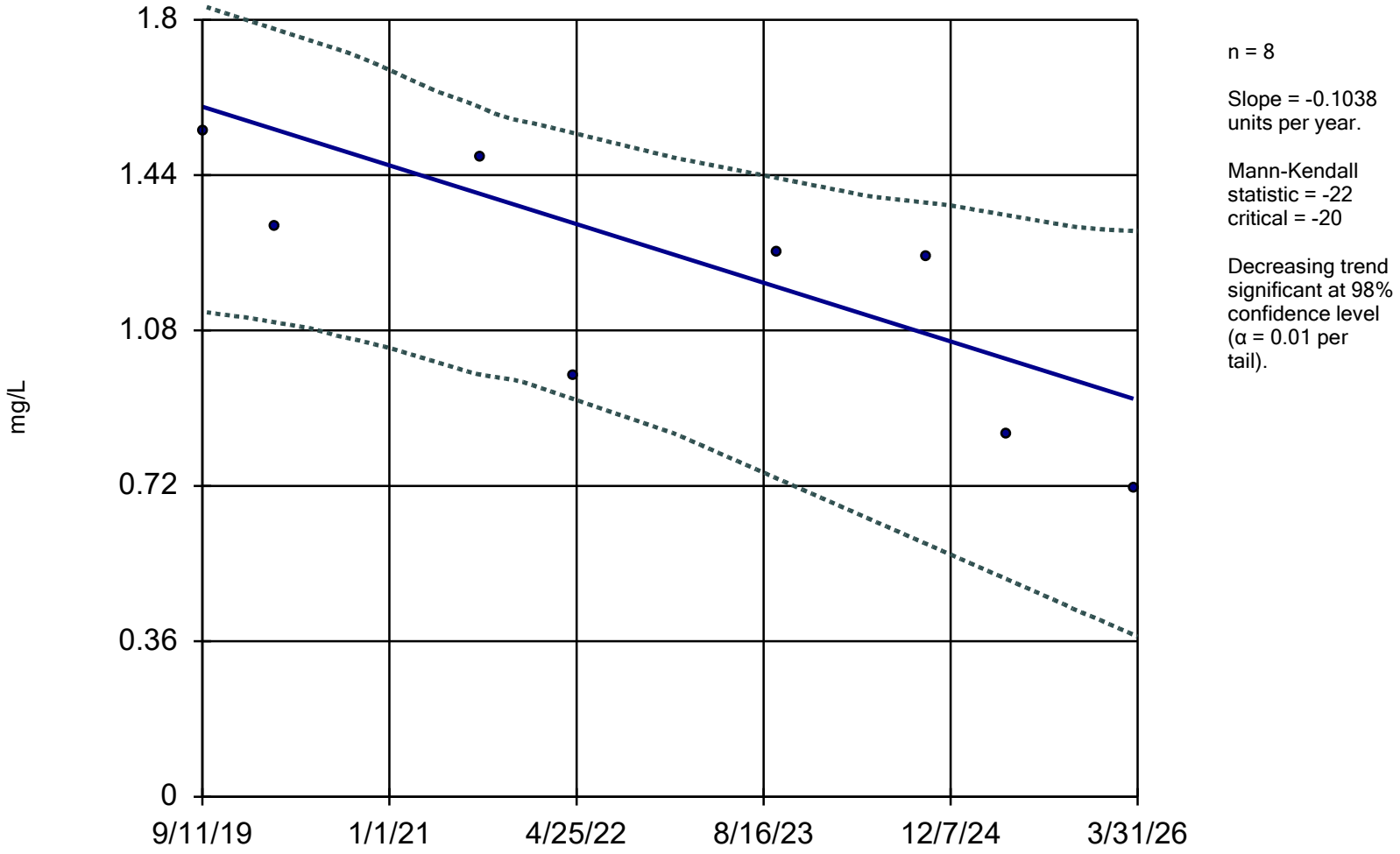
Constituent: Barium Analysis Run 4/29/2026 3:41 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-29



n = 8

Slope = -0.1038 units per year.

Mann-Kendall statistic = -22
critical = -20

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

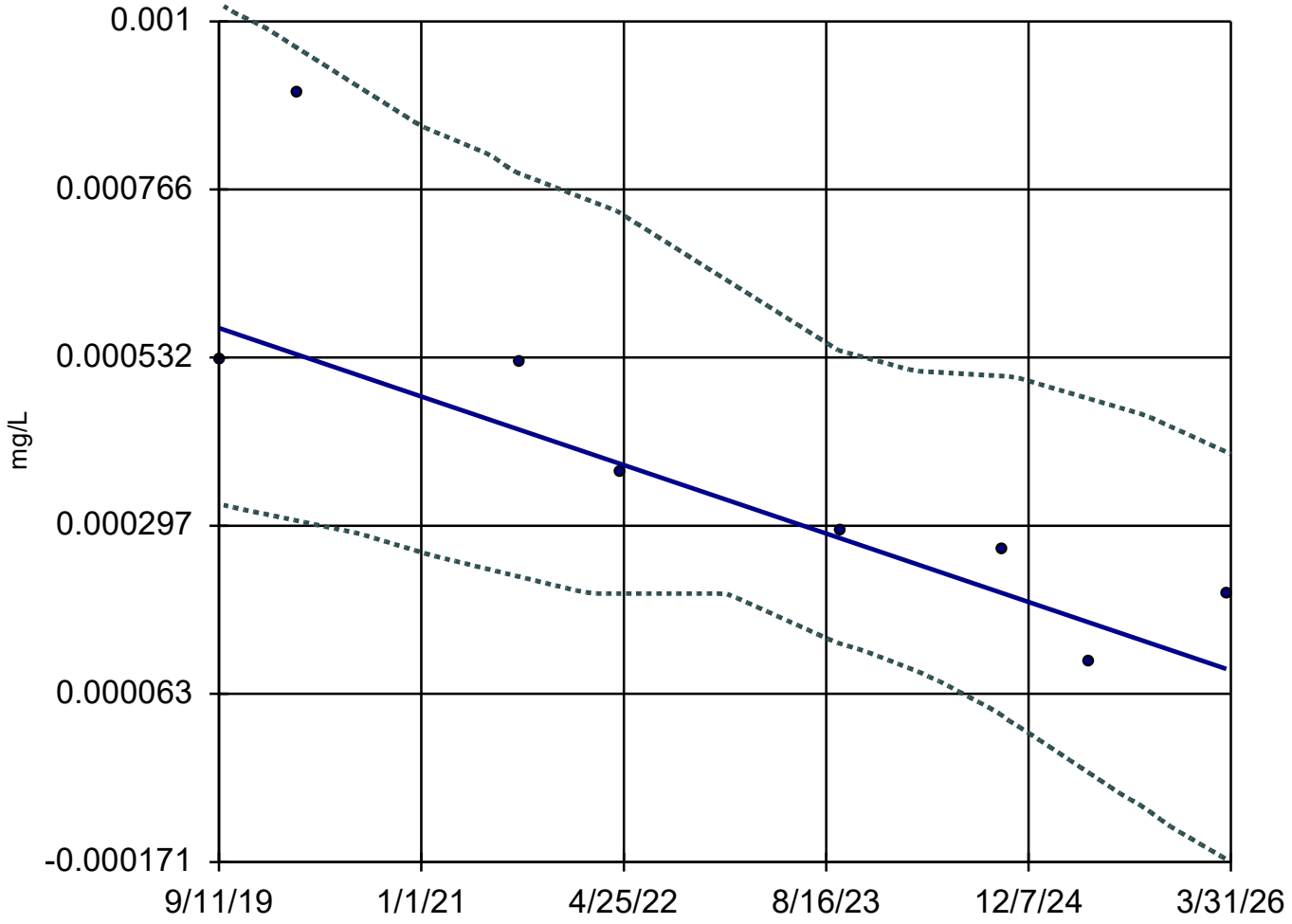
Constituent: Barium Analysis Run 4/29/2026 3:41 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-33R



n = 8

Slope = -0.00007278 units per year.

Mann-Kendall statistic = -24
critical = -20

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

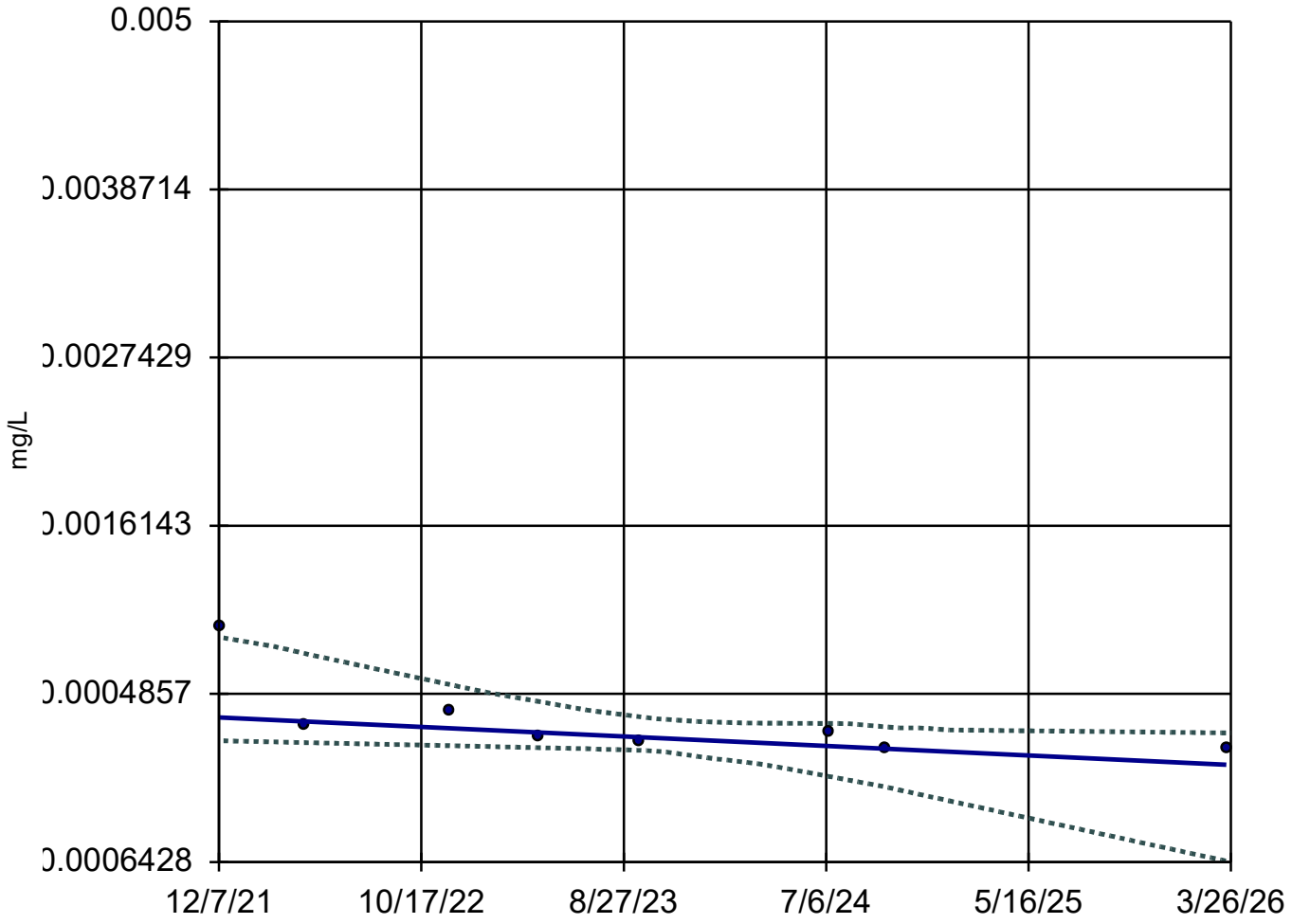
Constituent: Cadmium Analysis Run 4/29/2026 3:42 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-73



n = 8

Slope = -0.00007441 units per year.

Mann-Kendall statistic = -22
critical = -20

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

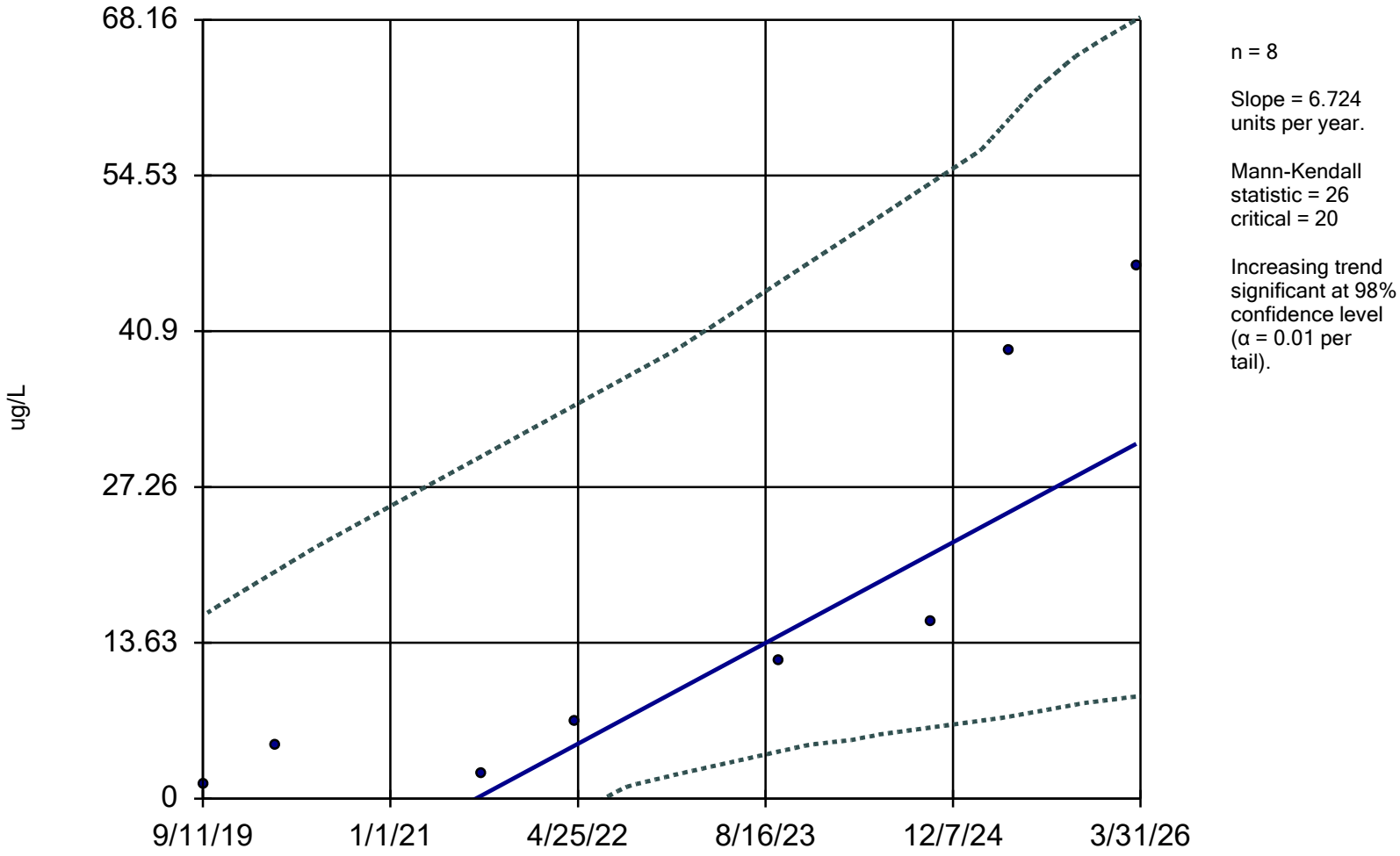
Constituent: Cadmium Analysis Run 4/29/2026 3:42 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-14R



n = 8

Slope = 6.724 units per year.

Mann-Kendall statistic = 26
critical = 20

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

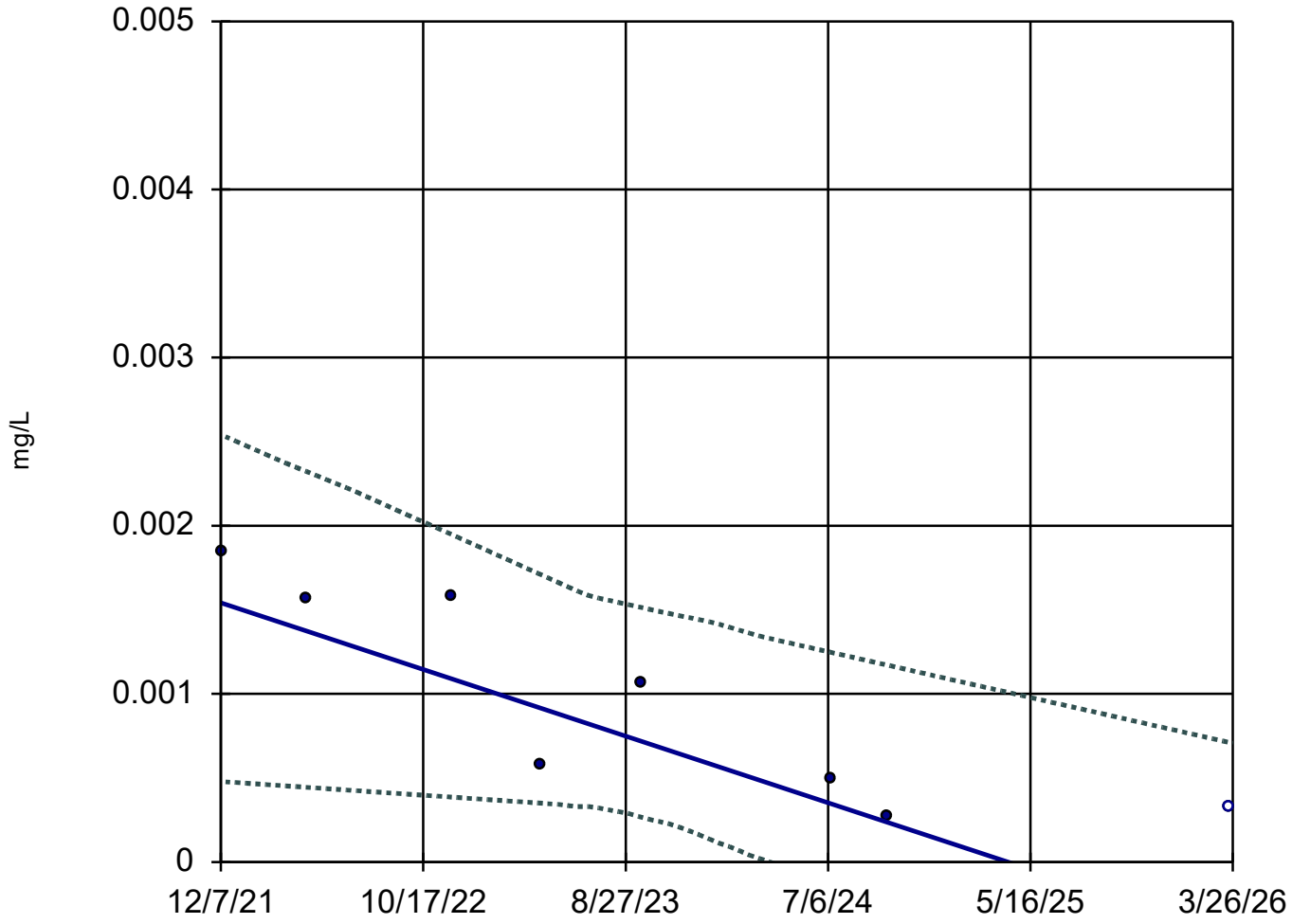
Constituent: cis-1,2-Dichloroethene Analysis Run 4/29/2026 3:43 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-73



n = 8

Slope = -0.0004608 units per year.

Mann-Kendall statistic = -22
critical = -20

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

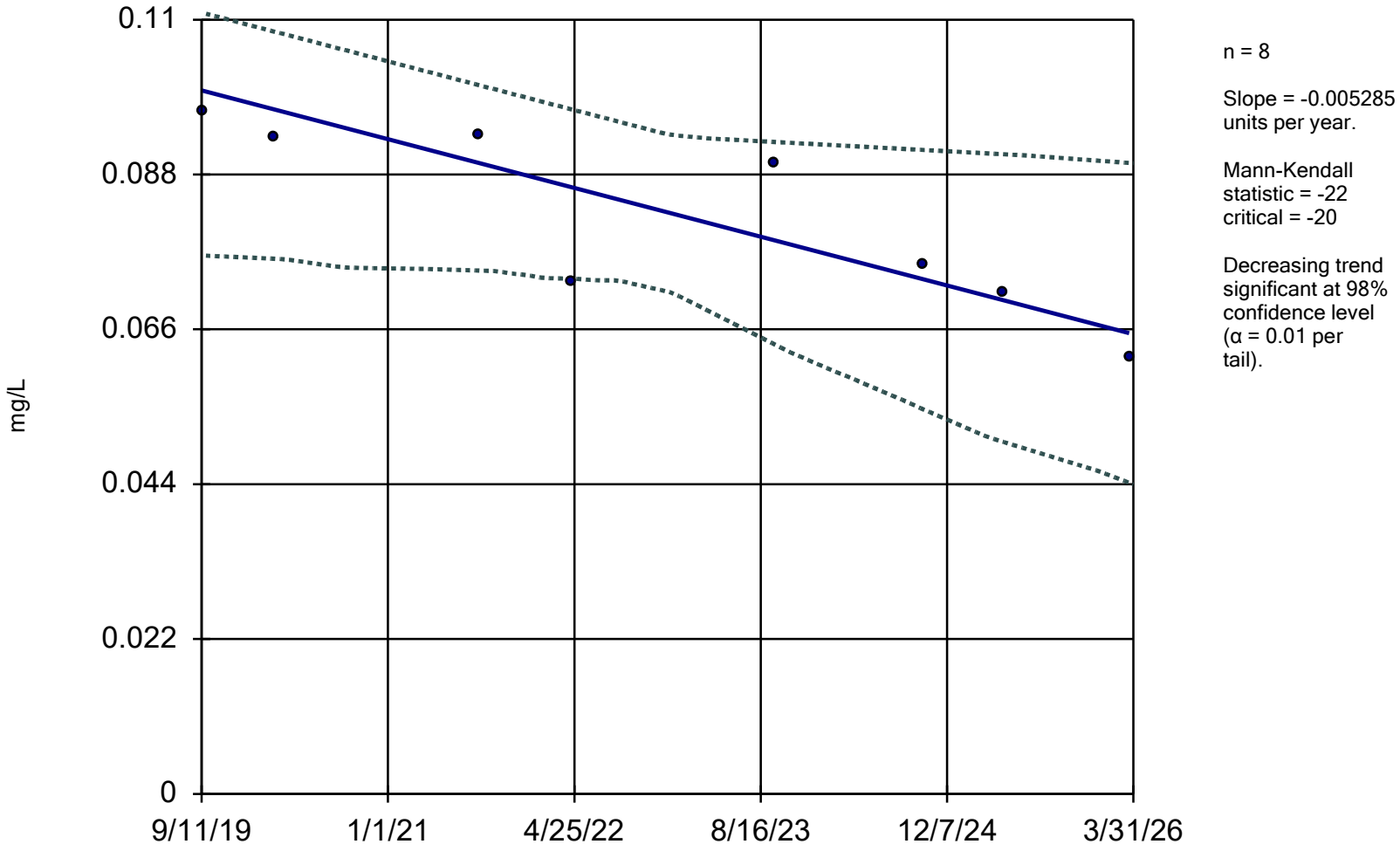
Constituent: Lead Analysis Run 4/29/2026 3:46 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-29



n = 8

Slope = -0.005285 units per year.

Mann-Kendall statistic = -22
critical = -20

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

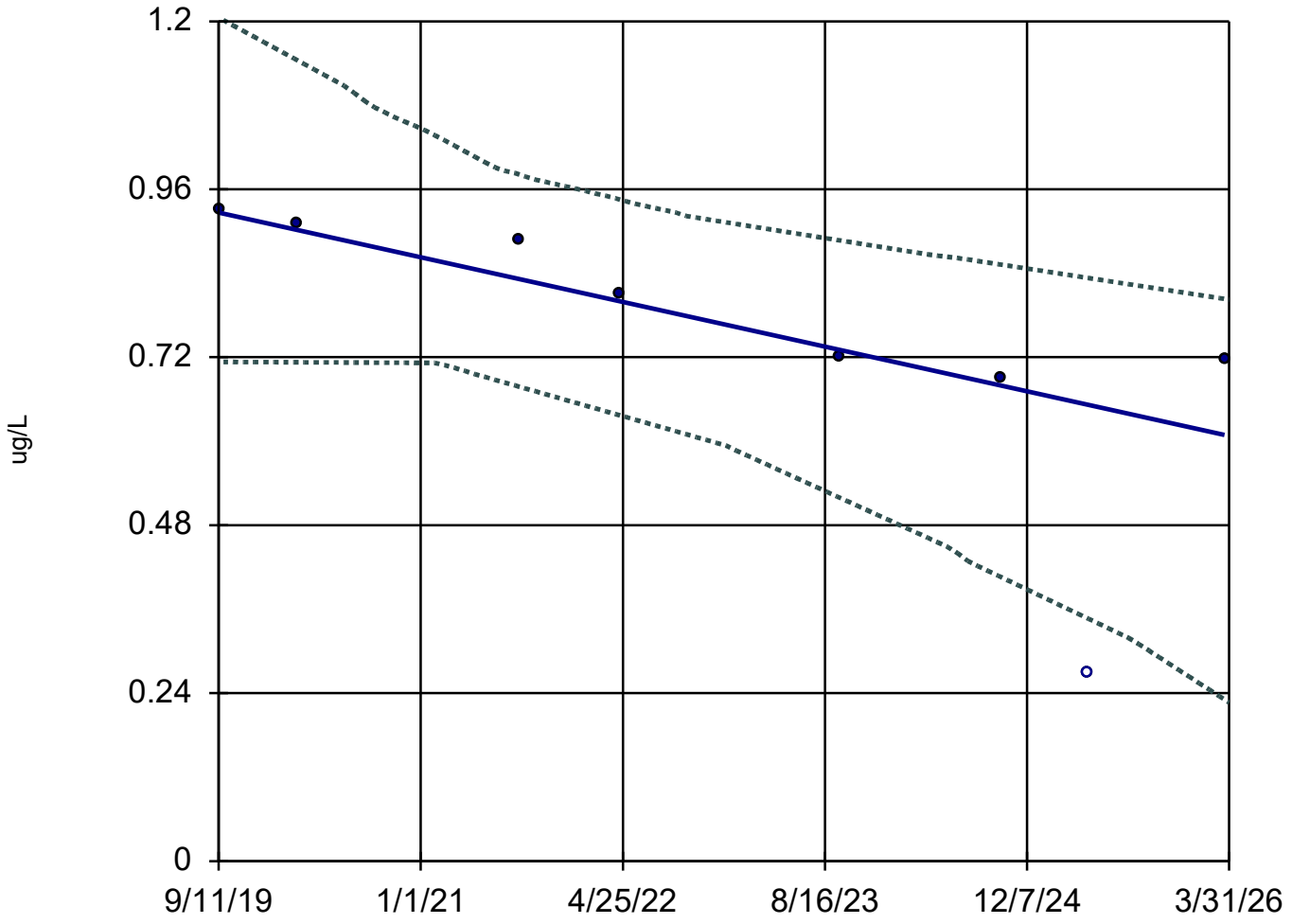
Constituent: Nickel Analysis Run 4/29/2026 3:46 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-29



n = 8

Slope = -0.04865 units per year.

Mann-Kendall statistic = -24
critical = -20

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

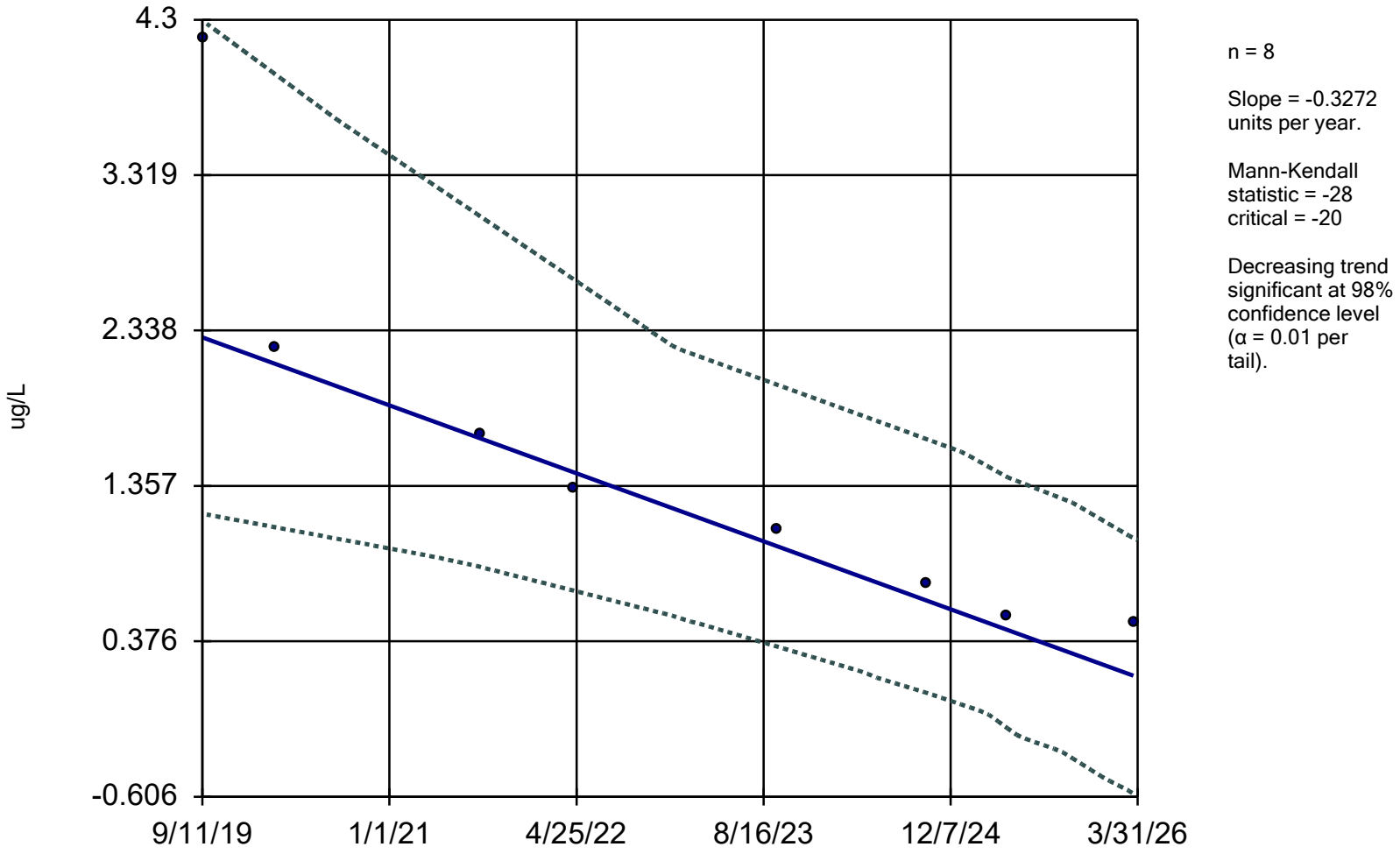
Constituent: trans-1,2-Dichloroethene Analysis Run 4/29/2026 3:49 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-29



n = 8

Slope = -0.3272 units per year.

Mann-Kendall statistic = -28
critical = -20

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Trichloroethene Analysis Run 4/29/2026 3:49 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,1-Dichloroethane (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	**MW-14R**	**1.036**	**23**	**20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
1,1-Dichloroethane (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-29	-0.2077	-14	-20	No	8	0	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-30R	-0.24	-10	-20	No	8	0	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-56	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-58	0	-11	-20	No	8	75	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-68	0.008764	1	13	No	6	16.67	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-69	-0.01199	-1	-13	No	6	0	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	PZ-13	0	1	13	No	6	83.33	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-57R	0.05787	15	20	No	8	37.5	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-68	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-69	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-70	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	PZ-13	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,2-Dichloroethane (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-29	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-68	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-69	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-70	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	PZ-13	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-14R	0.06923	14	20	No	8	62.5	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-29	-0.04683	-12	-20	No	8	0	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-30R	0	7	20	No	8	62.5	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-68	0	3	13	No	6	83.33	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-69	0.0442	5	13	No	6	16.67	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-57R	0	3	20	No	8	75	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-29	0.341	6	20	No	8	0	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,4-Dichlorobenzene (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	GU-3A	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-56	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-29	0	8	20	No	8	62.5	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-56	0	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-58	0	0	13	No	6	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-18	0	1	8	No	4	75	n/a	n/a	0.02	NP
4,4`-DDE (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
4,4`-DDE (ug/L)	MW-29	0	9	17	No	7	71.43	n/a	n/a	0.02	NP
4,4`-DDE (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDE (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-55	0.002385	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-58	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Acetone (ug/L)	GU-3A	-0.02214	-6	-20	No	8	50	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-23 (bg)	0	-13	-20	No	8	75	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-29	0.003282	11	20	No	8	62.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-31R	0	-3	-20	No	8	75	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-32R	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-56	0	-11	-20	No	8	75	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-58	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Acetone (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-57R	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Aldrin (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-18	0	3	17	No	7	57.14	n/a	n/a	0.02	NP
Aldrin (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-29	0	-2	-20	No	8	62.5	n/a	n/a	0.02	NP
Aldrin (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Aldrin (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-58	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-18	0.0004496	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Alpha-BHC (ug/L)	MW-29	-0.0001269	-12	-20	No	8	62.5	n/a	n/a	0.02	NP
Alpha-BHC (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Alpha-BHC (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-58	0.0007946	13	17	No	7	57.14	n/a	n/a	0.02	NP
Alpha-BHC (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Alpha-Chlordane (ug/L)	MW-29	0	-1	-17	No	7	71.43	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-101	0	1	20	No	8	75	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-102	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-103	0	3	20	No	8	75	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-104	0	-5	-13	No	6	83.33	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-105	-0.01376	-9	-13	No	6	66.67	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-106	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-107	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Antimony (mg/L)	GU-3A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-73	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	GU-3A	-0.0005733	-18	-20	No	8	12.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	**MW-14R**	**0.003098**	**22**	**20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Arsenic (mg/L)	MW-18	0	-6	-20	No	8	62.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-23 (bg)	0	5	20	No	8	75	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-28	0.00003693	2	20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	**MW-29**	**0.001229**	**22**	**20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Arsenic (mg/L)	MW-30R	0.000381	6	20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-31R	0.001034	4	20	No	8	12.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-32R	0	4	20	No	8	50	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-33R	-0.0001534	-7	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-39	0.00004076	10	20	No	8	50	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Arsenic (mg/L)	MW-56	-0.0003149	-2	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-58	0.0008109	4	20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-60	0	0	20	No	8	100	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-62	-0.00003235	-5	-20	No	8	25	n/a	n/a	0.02	NP
Arsenic (mg/L)	PZ-13	-0.000007529	-2	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	SW-101	-0.0003934	-9	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	SW-102	-0.0004014	-8	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	SW-103	-0.0001981	-11	-20	No	8	25	n/a	n/a	0.02	NP
Arsenic (mg/L)	SW-106	-0.0002086	-8	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	SW-107	-0.0002784	-4	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-57R	0.00003978	0	20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-73	-0.0001168	-3	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	GU-3A	-0.009153	-14	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	**MW-14R**	**0.03798**	**22**	**20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (mg/L)	MW-18	-0.002761	-16	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-19	-0.0004983	-12	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-23 (bg)	-0.005571	-6	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-24R (bg)	-0.02172	-18	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-28	-0.001035	-8	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	**MW-29**	**-0.1038**	**-22**	**-20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (mg/L)	MW-30R	-0.002423	-4	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-31R	0.02866	6	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-32R	0.0002635	2	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-33R	-0.02387	-15	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-39	0.00408	14	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-55	0.003831	12	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-56	-0.0128	0	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-58	-0.003219	-2	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-57R	-0.06463	-6	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-73	-0.01268	-6	-20	No	8	0	n/a	n/a	0.02	NP
Benzene (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-29	0.1245	9	20	No	8	0	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-30R	-0.03532	-10	-20	No	8	12.5	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-31R	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-55	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-56	-0.01121	-3	-20	No	8	37.5	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-58	-0.1294	-4	-20	No	8	0	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-68	0.7821	9	13	No	6	0	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-69	-0.09456	-5	-13	No	6	16.67	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-70	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Benzene (ug/L)	MW-57R	-0.9918	-10	-20	No	8	12.5	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	GU-3A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-29	0	-3	-20	No	8	87.5	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-30R	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-29	0.00244	12	20	No	8	62.5	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-56	0.00295	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-58	0	0	8	No	4	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Cadmium (mg/L)	GU-3A	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-14R	0	1	20	No	8	75	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-18	0	-5	-20	No	8	75	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-19	0	7	20	No	8	75	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-23 (bg)	0	-3	-20	No	8	75	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-28	0	-4	-20	No	8	62.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-31R	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-32R	0	0	20	No	8	62.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	**MW-33R**	**-0.00007278**	**-24**	**-20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (mg/L)	MW-39	-0.000005555	-9	-20	No	8	37.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-56	0.000002283	12	20	No	8	62.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Cadmium (mg/L)	MW-57R	-0.00007101	-2	-20	No	8	0	n/a	n/a	0.02	NP
Cadmium (mg/L)	**MW-73**	**-0.00007441**	**-22**	**-20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Carbon Disulfide (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-55	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-56	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-101	0	1	20	No	8	37.5	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-102	-2.475	-8	-20	No	8	12.5	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-103	0	-1	-20	No	8	37.5	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-104	-7.003	-9	-13	No	6	66.67	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-105	-0.2186	-1	-13	No	6	0	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-106	0	1	20	No	8	37.5	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-107	0	4	20	No	8	50	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-101	-1.46	-10	-20	No	8	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-102	-0.6936	-3	-17	No	7	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-103	-1.673	-20	-20	No	8	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-104	0.04624	1	13	No	6	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-105	-5.342	-5	-13	No	6	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-106	-1.953	-12	-20	No	8	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-107	0.137	2	20	No	8	0	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-29	0.6564	7	20	No	8	0	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chlorobenzene (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-58	-0.4608	-12	-20	No	8	0	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-57R	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-29	0	-7	-20	No	8	75	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-56	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-58	-0.3081	-18	-20	No	8	12.5	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	GU-3A	0	-13	-20	No	8	75	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-29	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-30R	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-32R	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-57R	0	11	20	No	8	75	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-73	0	5	20	No	8	87.5	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
cis-1,2-Dichloroethene (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	**MW-14R**	**6.724**	**26**	**20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
cis-1,2-Dichloroethene (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-29	-0.7847	-18	-20	No	8	0	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-30R	-5.001	-12	-20	No	8	0	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-31R	0	-3	-20	No	8	87.5	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-68	-0.1055	-12	-20	No	8	0	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-69	-0.9774	-16	-20	No	8	0	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-70	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	PZ-13	0	2	20	No	8	50	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-57R	0.5247	6	20	No	8	12.5	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cobalt (mg/L)	GU-3A	0.0004949	12	20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-14R	0.00005466	7	20	No	8	37.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-18	-0.00003306	-4	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-19	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-23 (bg)	0.00002186	2	20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-28	-5.3e-7	-2	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-29	0.0005366	12	20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-30R	0.00003616	3	20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-31R	0.0003199	10	20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-32R	-0.00002777	-6	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-33R	-0.000337	-15	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-39	0.0004725	7	20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-56	0.00006244	0	20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-58	-0.0002015	-16	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-60	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cobalt (mg/L)	PZ-13	0	9	20	No	8	75	n/a	n/a	0.02	NP
Cobalt (mg/L)	SW-101	-0.00001244	-8	-17	No	7	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	SW-102	-0.00001351	-5	-17	No	7	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	SW-103	-0.0001223	-18	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	SW-106	-0.0000295	-5	-20	No	8	12.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	SW-107	-0.00002977	-6	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-57R	-0.002115	-2	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-73	-0.0001845	-8	-20	No	8	0	n/a	n/a	0.02	NP
Copper (mg/L)	GU-3A	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Copper (mg/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Copper (mg/L)	MW-19	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Copper (mg/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Copper (mg/L)	MW-28	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-29	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Copper (mg/L)	MW-31R	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-32R	0	3	20	No	8	75	n/a	n/a	0.02	NP
Copper (mg/L)	MW-33R	-0.0009994	-13	-20	No	8	25	n/a	n/a	0.02	NP
Copper (mg/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Copper (mg/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Copper (mg/L)	MW-56	0	-2	-20	No	8	62.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-58	0.0001509	12	20	No	8	62.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-57R	0.00007443	2	20	No	8	0	n/a	n/a	0.02	NP
Copper (mg/L)	MW-73	-0.001062	-10	-20	No	8	12.5	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-29	0	4	10	No	5	80	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-31R	0	5	17	No	7	71.43	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-55	0	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-58	0	5	13	No	6	66.67	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-14R	-0.01014	-5	-17	No	7	14.29	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-18	0	0	8	No	4	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-29	0	0	8	No	4	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-30R	-0.07541	-12	-20	No	8	50	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-56	0	-13	-20	No	8	75	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-58	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-14R	0.002456	13	17	No	7	57.14	n/a	n/a	0.02	NP
Endosulfan I (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-29	0.0003851	12	20	No	8	62.5	n/a	n/a	0.02	NP
Endosulfan I (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endosulfan I (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Endosulfan I (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-56	0.002216	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-58	0	3	13	No	6	66.67	n/a	n/a	0.02	NP
Endosulfan I (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-14R	0	0	13	No	6	100	n/a	n/a	0.02	NP
Endosulfan II (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP
Endosulfan II (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endosulfan II (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-55	0	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-58	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Ethylbenzene (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Gamma-BHC [Lindane] (ug/L)	MW-14R	0	0	13	No	6	100	n/a	n/a	0.02	NP
Gamma-BHC [Lindane] (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-29	0	-3	-13	No	6	66.67	n/a	n/a	0.02	NP
Gamma-BHC [Lindane] (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Gamma-BHC [Lindane] (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Gamma-BHC [Lindane] (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-33R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Gamma-BHC [Lindane] (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-58	0	0	13	No	6	100	n/a	n/a	0.02	NP
Gamma-BHC [Lindane] (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-18	0.001533	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-29	0.001339	11	17	No	7	71.43	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-58	0	0	13	No	6	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-28	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-29	0.001579	12	17	No	7	42.86	n/a	n/a	0.02	NP
Heptachlor Epoxide (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Heptachlor Epoxide (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-58	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Iron, Dissolved (mg/L)	SW-101	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Iron, Dissolved (mg/L)	SW-102	0	0	20	No	8	100	n/a	n/a	0.02	NP
Iron, Dissolved (mg/L)	SW-103	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Iron, Dissolved (mg/L)	SW-104	0	1	13	No	6	83.33	n/a	n/a	0.02	NP
Iron, Dissolved (mg/L)	SW-105	0	1	13	No	6	83.33	n/a	n/a	0.02	NP
Iron, Dissolved (mg/L)	SW-106	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Iron, Dissolved (mg/L)	SW-107	0	0	20	No	8	100	n/a	n/a	0.02	NP
Lead (mg/L)	GU-3A	0	-13	-20	No	8	75	n/a	n/a	0.02	NP
Lead (mg/L)	MW-14R	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-18	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-19	0	-7	-20	No	8	75	n/a	n/a	0.02	NP
Lead (mg/L)	MW-23 (bg)	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-24R (bg)	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-28	0	-3	-20	No	8	75	n/a	n/a	0.02	NP
Lead (mg/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Lead (mg/L)	MW-30R	-0.00002293	-9	-20	No	8	37.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-31R	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-32R	-0.0000424	-4	-20	No	8	0	n/a	n/a	0.02	NP
Lead (mg/L)	MW-33R	-0.0003183	-17	-20	No	8	25	n/a	n/a	0.02	NP
Lead (mg/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Lead (mg/L)	MW-55	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-56	0	-1	-20	No	8	75	n/a	n/a	0.02	NP
Lead (mg/L)	MW-58	-0.000001456	-1	-20	No	8	25	n/a	n/a	0.02	NP
Lead (mg/L)	MW-57R	0.000003844	1	20	No	8	25	n/a	n/a	0.02	NP
Lead (mg/L)	**MW-73**	**-0.0004608**	**-22**	**-20**	**Yes**	**8**	**12.5**	**n/a**	**n/a**	**0.02**	**NP**
Mercury (mg/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-18	0	0	10	No	5	80	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-19	0	-1	-8	No	4	75	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-28	0	-1	-8	No	4	75	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-29	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-30R	-0.000005918	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-31R	-0.000001534	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-56	-0.000005889	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-58	-0.00000235	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Nickel (mg/L)	GU-3A	0.00151	14	20	No	8	12.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-14R	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-18	-0.0001433	-14	-20	No	8	12.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-23 (bg)	-0.000005739	-3	-20	No	8	37.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Nickel (mg/L)	**MW-29**	**-0.005285**	**-22**	**-20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Nickel (mg/L)	MW-30R	-0.0002073	-2	-20	No	8	0	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-31R	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-32R	0	-1	-20	No	8	75	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-33R	-0.000144	-10	-20	No	8	0	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-39	-0.001091	-12	-20	No	8	0	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-55	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-56	0.0007287	4	20	No	8	0	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-58	-0.002004	-7	-20	No	8	0	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-57R	-0.004143	-6	-20	No	8	0	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-73	-0.001089	-6	-20	No	8	0	n/a	n/a	0.02	NP
Nitrate as N (mg/L)	SW-105	0	0	13	No	6	50	n/a	n/a	0.02	NP
Nitrate as N (mg/L)	SW-107	0.3109	2	20	No	8	0	n/a	n/a	0.02	NP
Selenium (mg/L)	GU-3A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-24R (bg)	0.00001324	2	20	No	8	12.5	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Selenium (mg/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-56	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-58	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-29	0	-3	-20	No	8	87.5	n/a	n/a	0.02	NP
Silver (mg/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-56	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Silver (mg/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-14R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-23 (bg)	0.3235	3	8	No	4	75	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-24R (bg)	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-29	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-30R	0	-1	-17	No	7	57.14	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-31R	0	-7	-17	No	7	71.43	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-32R	0	-4	-17	No	7	85.71	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-55	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-58	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Tetrachloroethene (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Tetrachloroethene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-68	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-69	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-70	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	PZ-13	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	GU-3A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-18	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-19	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-28	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-30R	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-32R	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-73	0	-3	-20	No	8	87.5	n/a	n/a	0.02	NP
Tin (mg/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-18	0	0	8	No	4	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-24R (bg)	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-29	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-30R	0	-11	-20	No	8	75	n/a	n/a	0.02	NP
Tin (mg/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-56	0	0	17	No	7	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-58	0	0	8	No	4	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Tin (mg/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-29	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-55	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Toluene (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-14R	0.1605	18	20	No	8	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-24R (bg)	0.004685	0	20	No	8	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-29	-2.191	-16	-20	No	8	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-30R	-0.0791	-5	-20	No	8	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-31R	0.05549	13	20	No	8	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-32R	0.01454	2	20	No	8	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-33R	0.03956	8	20	No	8	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-70	-0.06061	-18	-20	No	8	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-57R	-0.9621	-10	-20	No	8	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-73	0.2508	8	20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	GU-3A	-37.27	-18	-20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-14R	1.858	10	20	No	8	12.5	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-18	-0.2106	-4	-20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-19	-0.03832	-4	-20	No	8	12.5	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-23 (bg)	0.02284	10	20	No	8	50	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-24R (bg)	-0.1557	-11	-20	No	8	25	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-28	-0.1597	-3	-20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-29	1.785	10	20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-30R	-0.6516	-6	-20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-31R	-0.9785	-8	-20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-32R	0.9596	2	20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-33R	-20.18	-16	-20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-39	0	-2	-20	No	8	50	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-55	-0.3836	-5	-20	No	8	25	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-56	-1.911	-4	-20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-58	1.213	6	20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-60	-0.2546	-8	-20	No	8	12.5	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Total Suspended Solids (mg/L)	MW-62	-0.06013	0	20	No	8	12.5	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-68	0.2964	6	20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-69	0.4918	10	20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-70	-0.1634	-7	-20	No	8	25	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	PZ-13	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	SW-101	1.133	11	17	No	7	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	SW-102	2.952	5	17	No	7	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	SW-103	-7.262	-19	-20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	SW-106	-0.8351	-4	-20	No	8	12.5	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	SW-107	-0.06842	0	20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-57R	-0.2374	0	20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-73	-10.67	-16	-20	No	8	0	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-14R	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	**MW-29**	**-0.04865**	**-24**	**-20**	**Yes**	**8**	**12.5**	**n/a**	**n/a**	**0.02**	**NP**
trans-1,2-Dichloroethene (ug/L)	MW-30R	-0.00899	-2	-20	No	8	0	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-56	0	-4	-20	No	8	50	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-68	-0.001095	-6	-20	No	8	50	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-69	0	11	20	No	8	75	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-70	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	PZ-13	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-57R	0.1602	8	20	No	8	12.5	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-14R	-0.3431	-4	-20	No	8	0	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	**MW-29**	**-0.3272**	**-28**	**-20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Trichloroethene (ug/L)	MW-30R	-0.1709	-10	-20	No	8	0	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:58 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Trichloroethene (ug/L)	MW-68	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-69	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-70	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	PZ-13	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-57R	0.13	7	20	No	8	37.5	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	GU-3A	0	-13	-20	No	8	75	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-23 (bg)	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-24R (bg)	0.00008186	18	20	No	8	62.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-30R	-0.0003034	-6	-20	No	8	12.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-31R	0	7	20	No	8	75	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-32R	-0.000129	-6	-20	No	8	12.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-33R	0.00006125	7	20	No	8	25	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-56	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-57R	0.0006206	14	20	No	8	0	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-73	-0.00001407	-1	-20	No	8	25	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-14R	0.5851	15	20	No	8	37.5	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-29	-0.185	-10	-20	No	8	0	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-30R	-0.5304	-8	-20	No	8	0	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-68	0.0009895	6	20	No	8	50	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-69	0.2757	16	20	No	8	12.5	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-70	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	PZ-13	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-57R	0.1058	8	20	No	8	0	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-73	0	11	20	No	8	75	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP

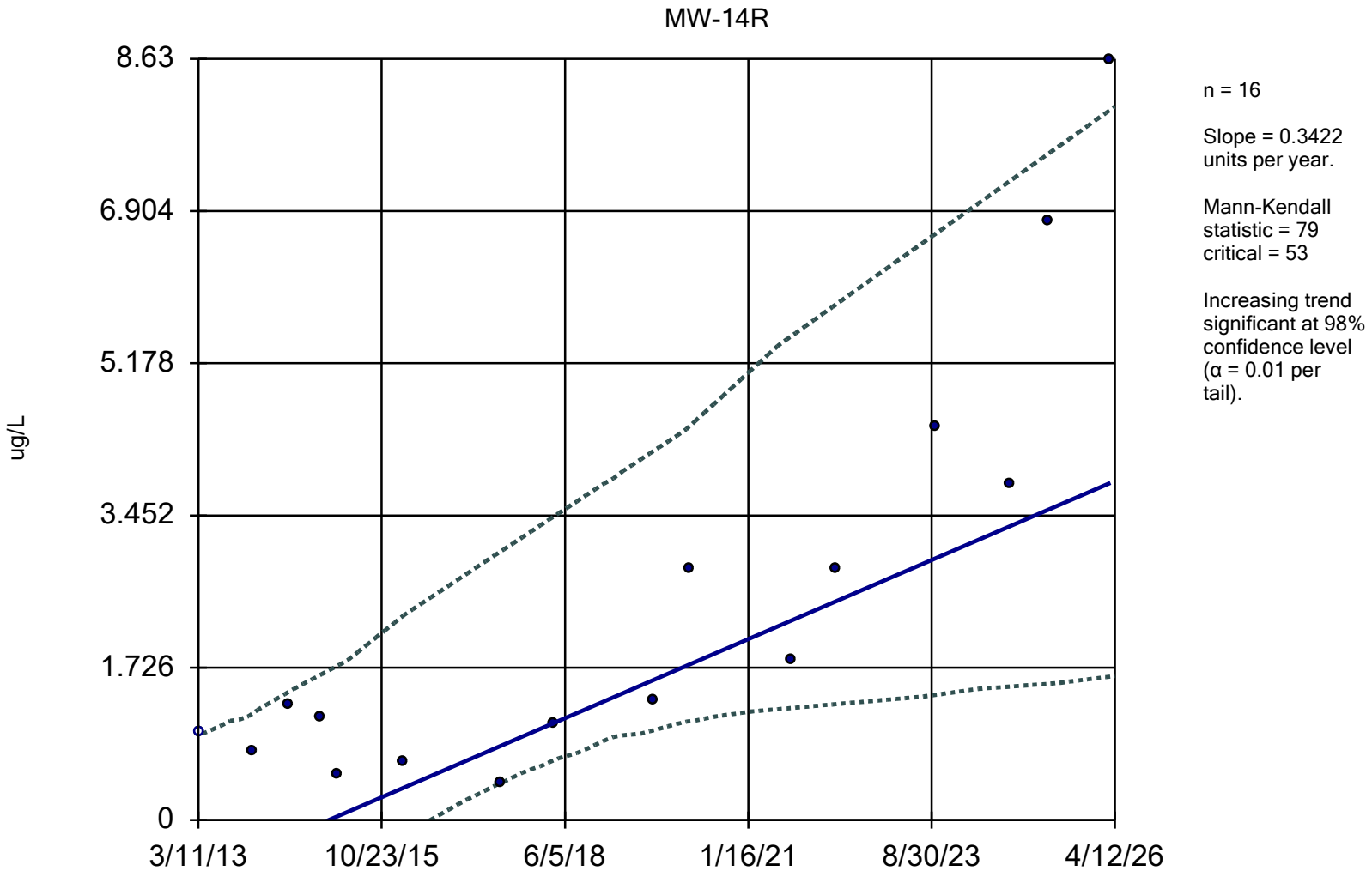
Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:58 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Xylenes, total (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	GU-3A	-0.001338	0	20	No	8	12.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-14R	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-18	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-23 (bg)	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-24R (bg)	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-28	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-29	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-31R	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-32R	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-33R	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-55	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-56	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-58	-0.001352	-8	-20	No	8	0	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-57R	0.0001856	6	20	No	8	50	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-73	0.0001684	3	20	No	8	25	n/a	n/a	0.02	NP

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band



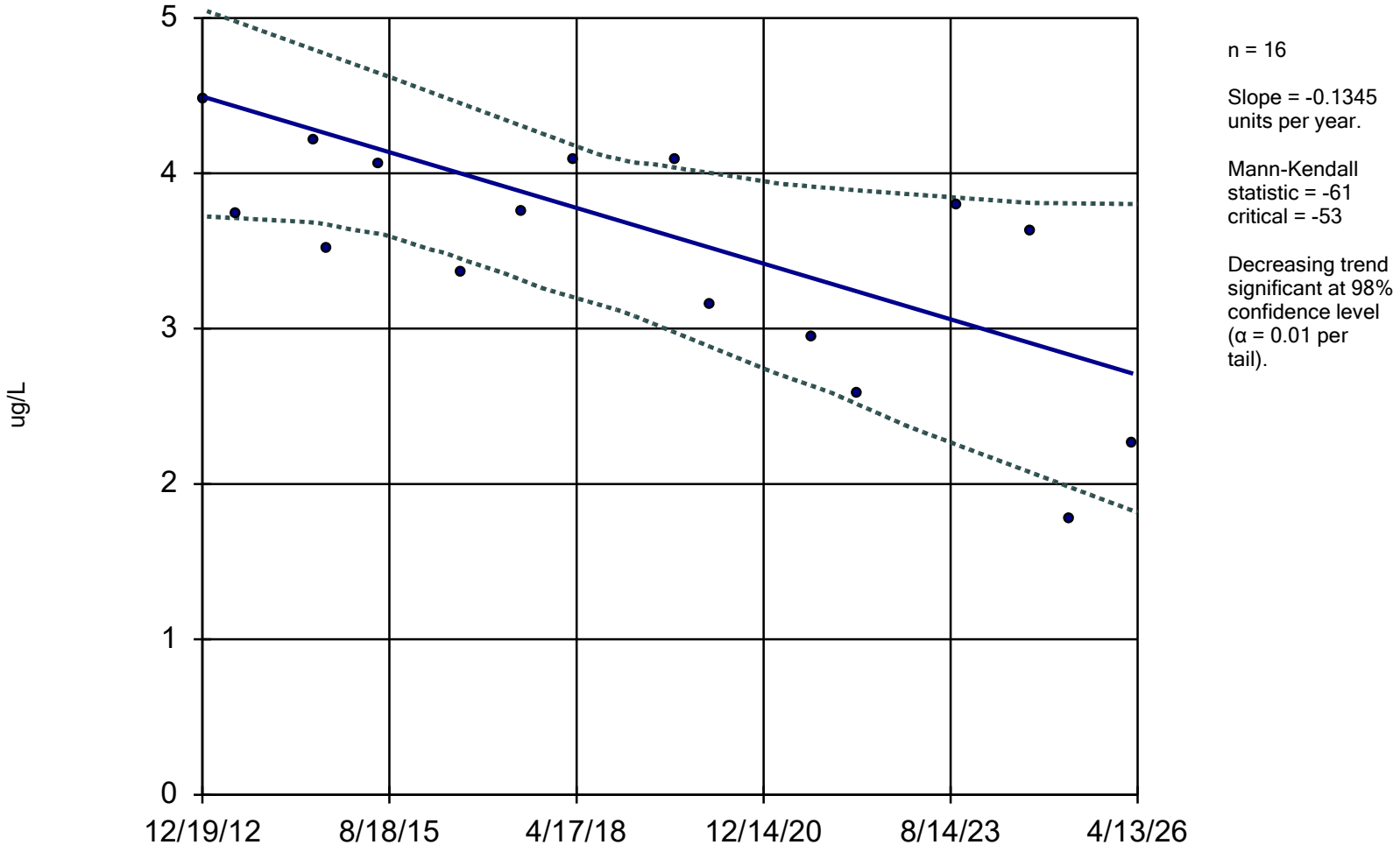
Constituent: 1,1-Dichloroethane Analysis Run 4/29/2026 4:01 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-29



n = 16

Slope = -0.1345 units per year.

Mann-Kendall statistic = -61
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

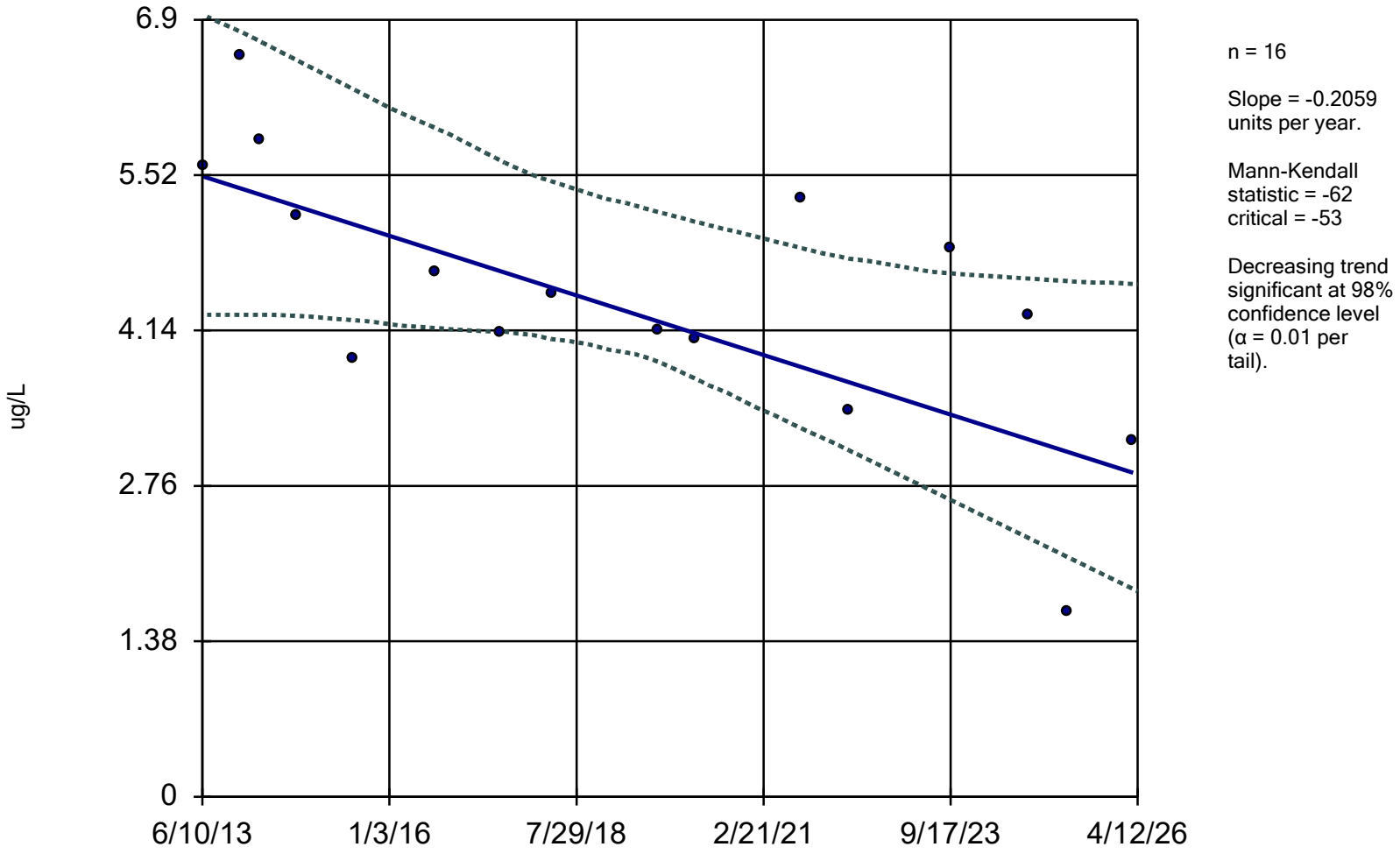
Constituent: 1,1-Dichloroethane Analysis Run 4/29/2026 4:01 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-30R



n = 16

Slope = -0.2059 units per year.

Mann-Kendall statistic = -62
critical = -53

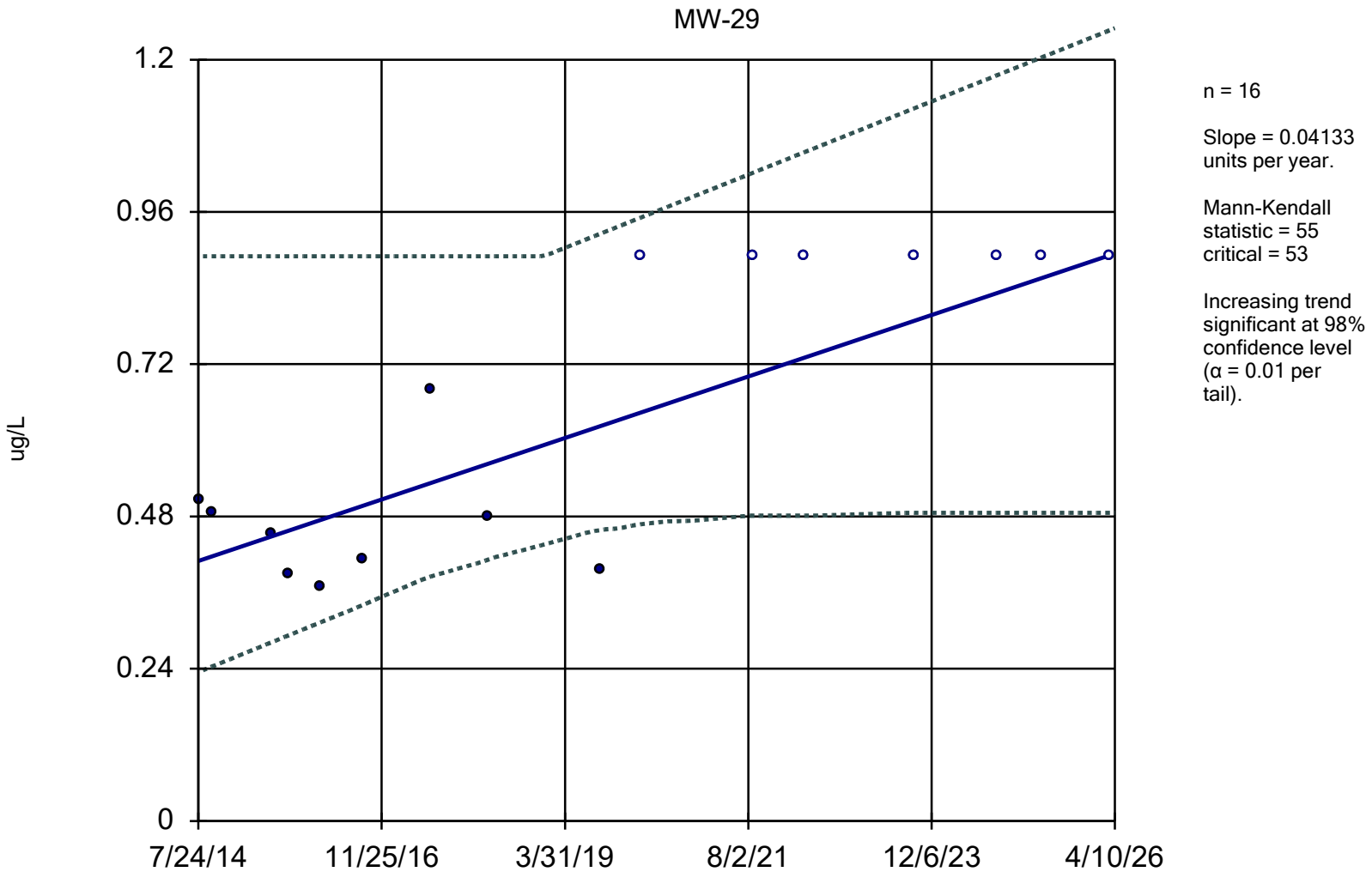
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: 1,1-Dichloroethane Analysis Run 4/29/2026 4:01 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band



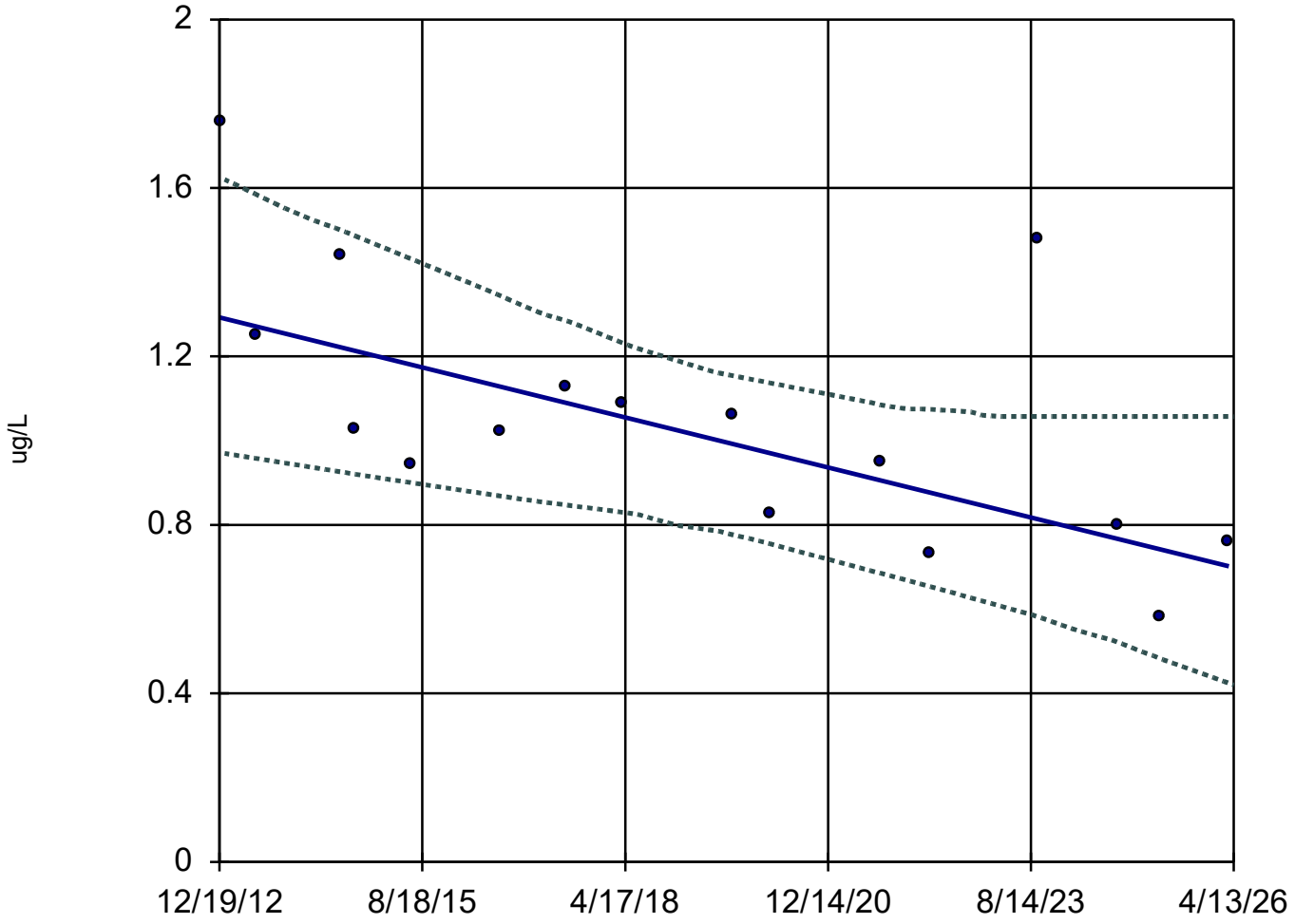
Constituent: 1,2-Dichloroethane Analysis Run 4/29/2026 4:02 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-29



n = 16

Slope = -0.04459 units per year.

Mann-Kendall statistic = -66
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

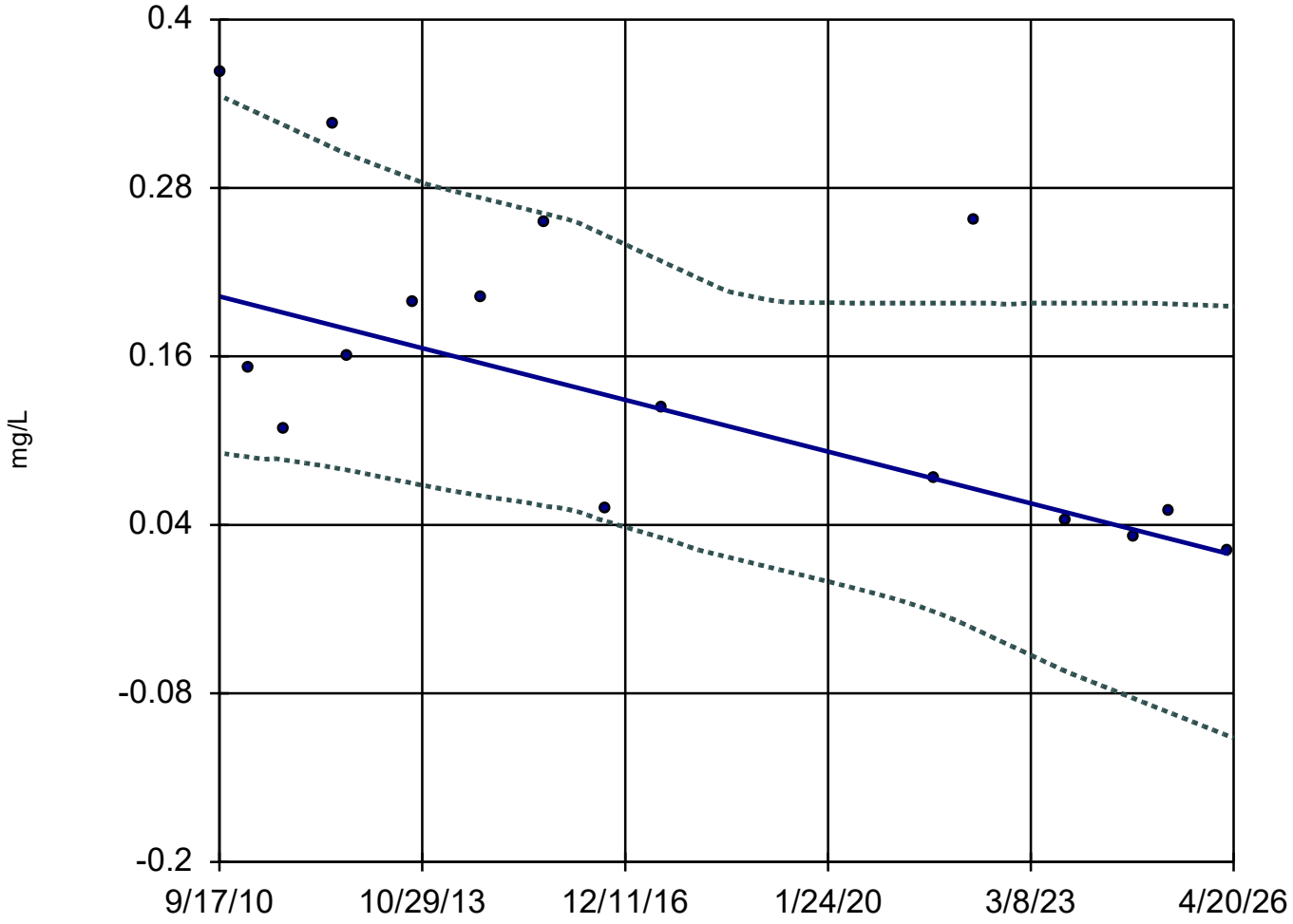
Constituent: 1,2-Dichloropropane Analysis Run 4/29/2026 4:02 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

GU-3A



n = 16

Slope = -0.01181 units per year.

Mann-Kendall statistic = -60
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

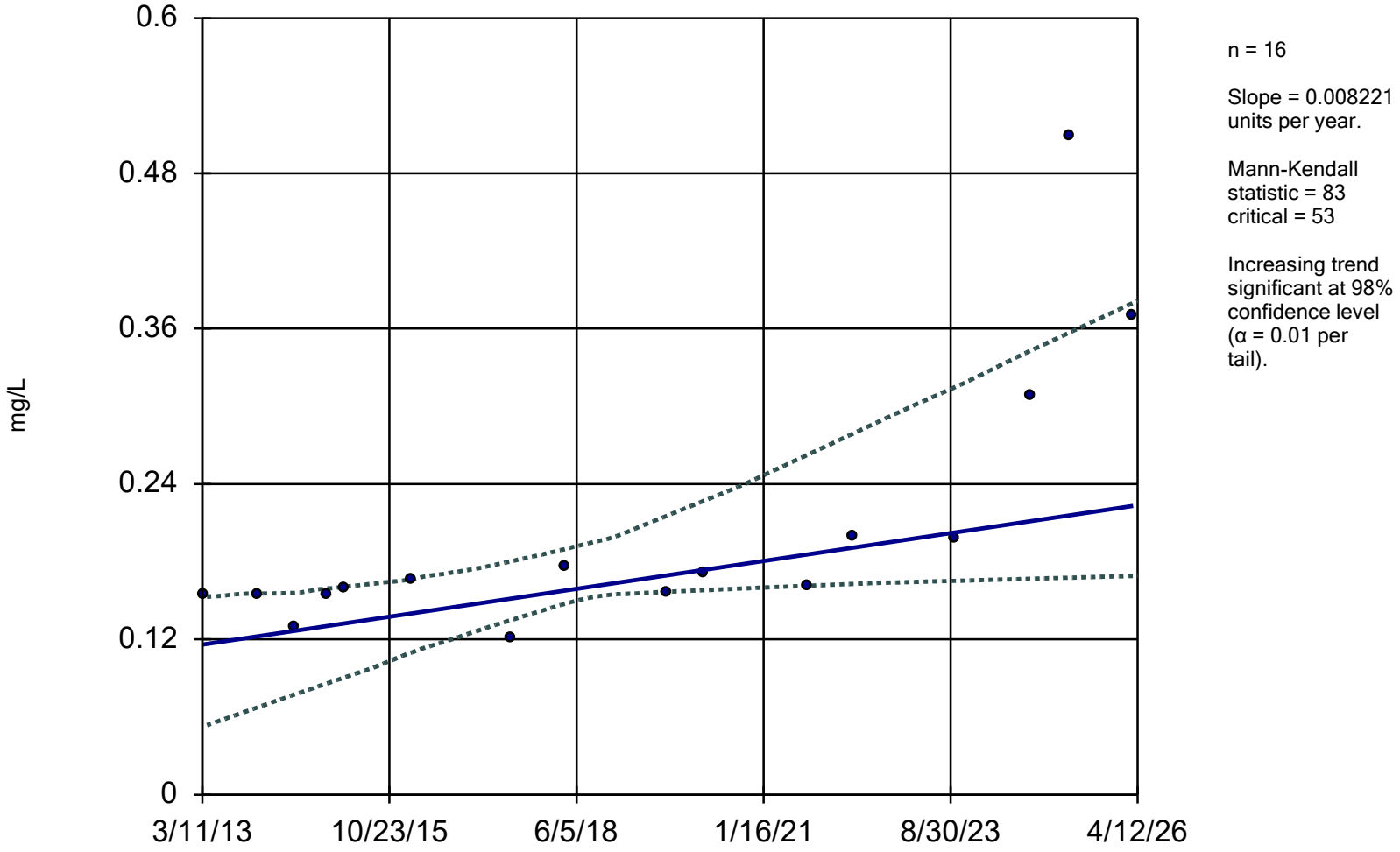
Constituent: Barium Analysis Run 4/29/2026 4:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-14R



n = 16

Slope = 0.008221 units per year.

Mann-Kendall statistic = 83
critical = 53

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

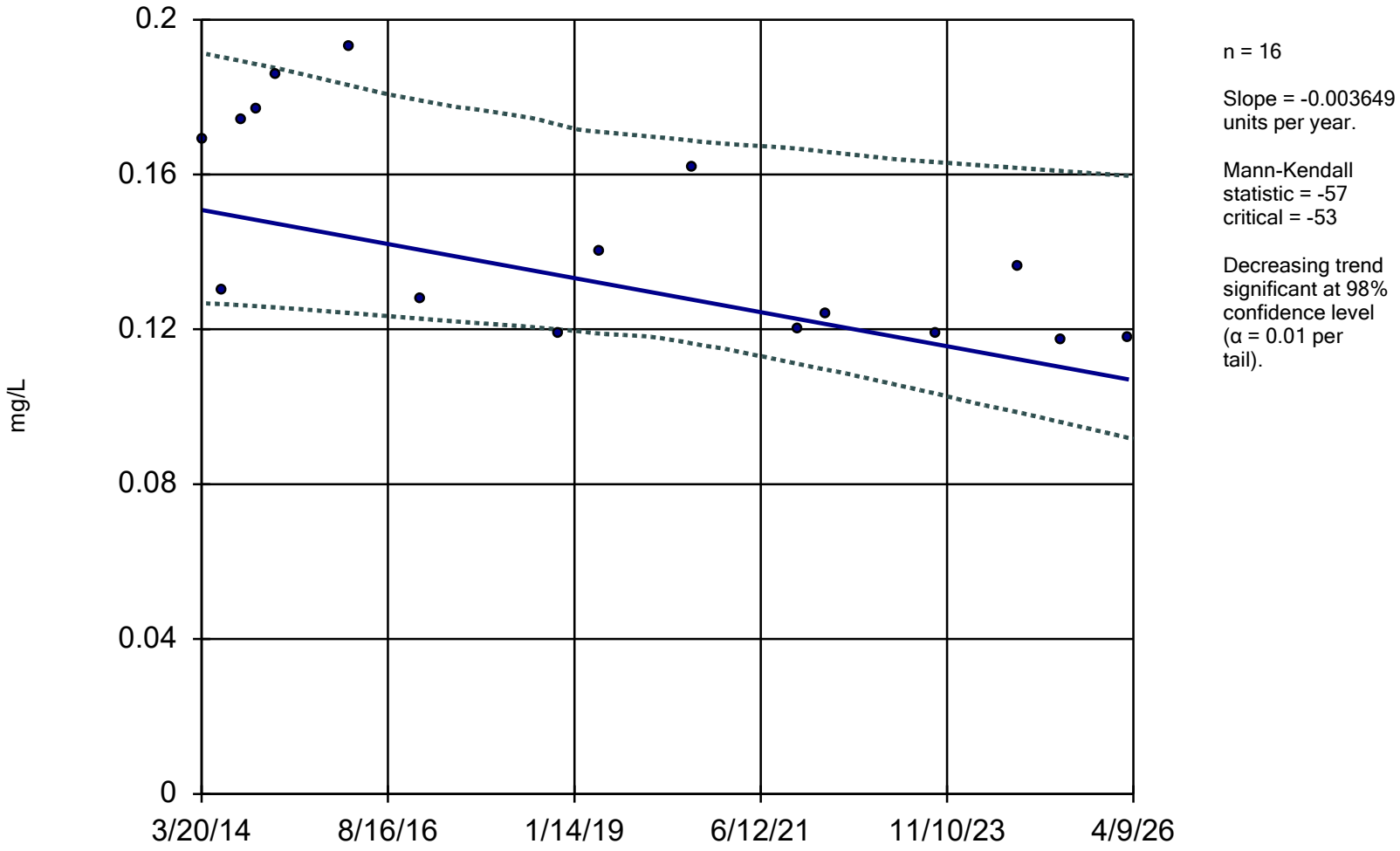
Constituent: Barium Analysis Run 4/29/2026 4:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-18



n = 16

Slope = -0.003649 units per year.

Mann-Kendall statistic = -57
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

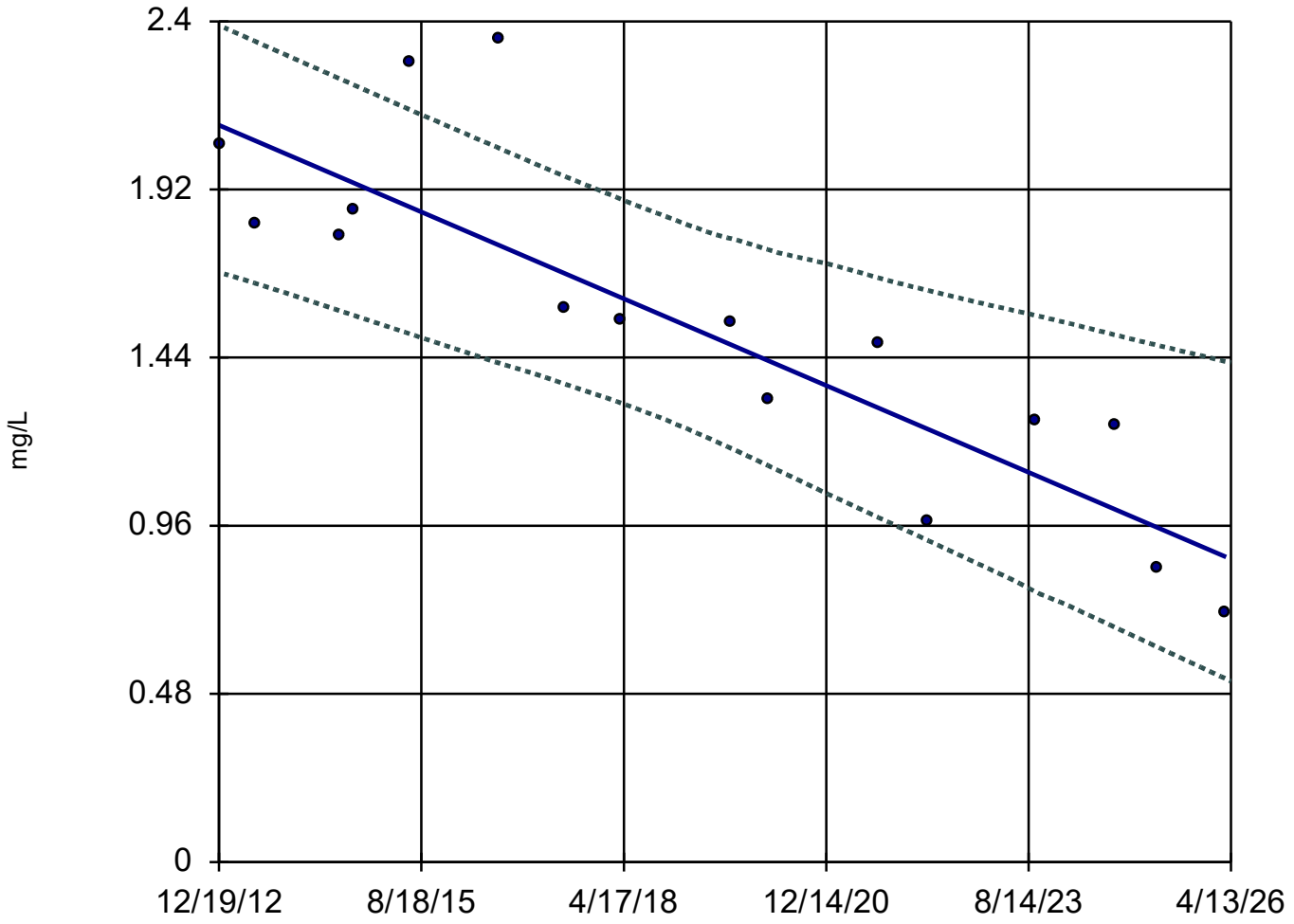
Constituent: Barium Analysis Run 4/29/2026 4:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-29



n = 16

Slope = -0.09299 units per year.

Mann-Kendall statistic = -92
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

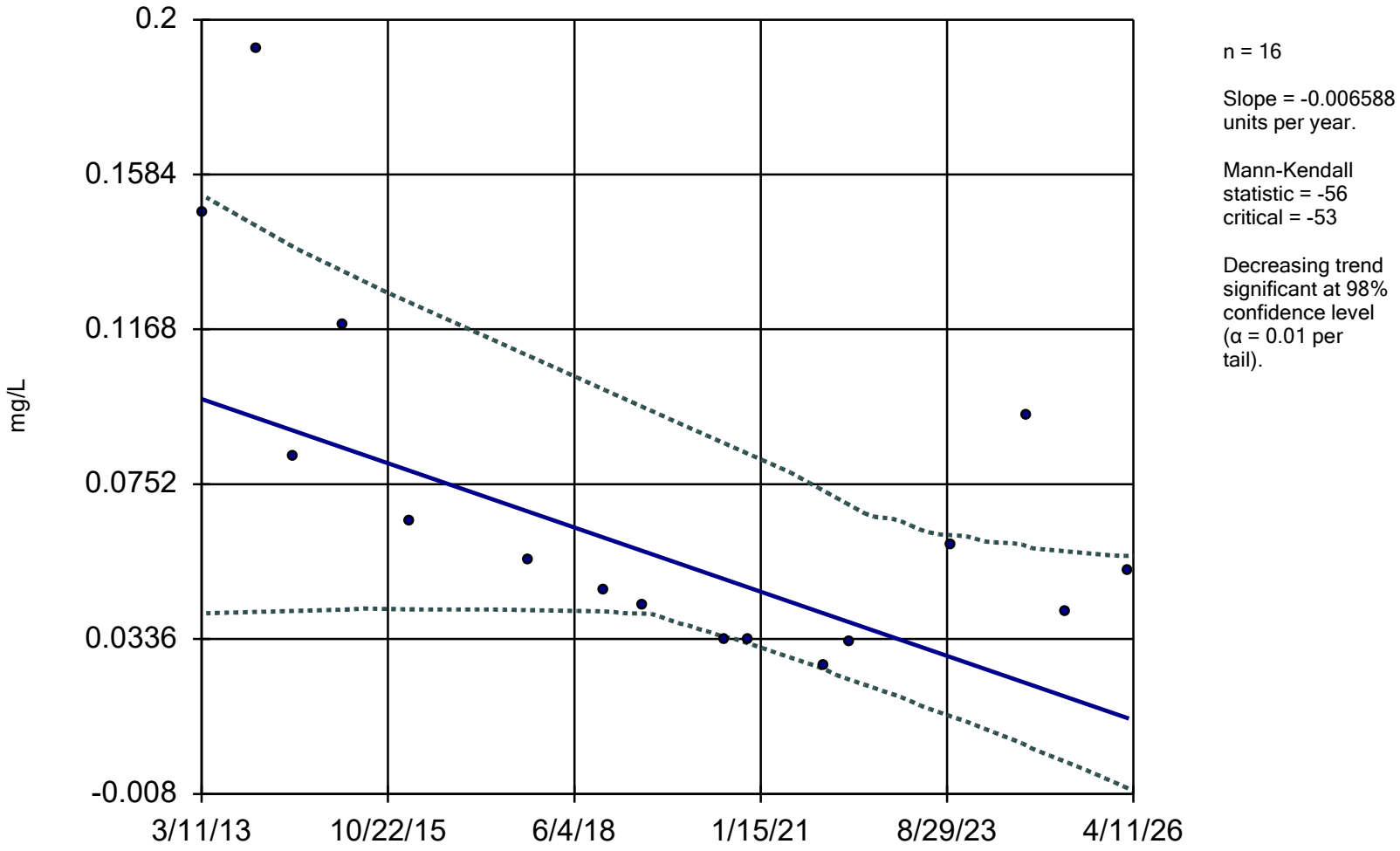
Constituent: Barium Analysis Run 4/29/2026 4:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-55



n = 16

Slope = -0.006588 units per year.

Mann-Kendall statistic = -56
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

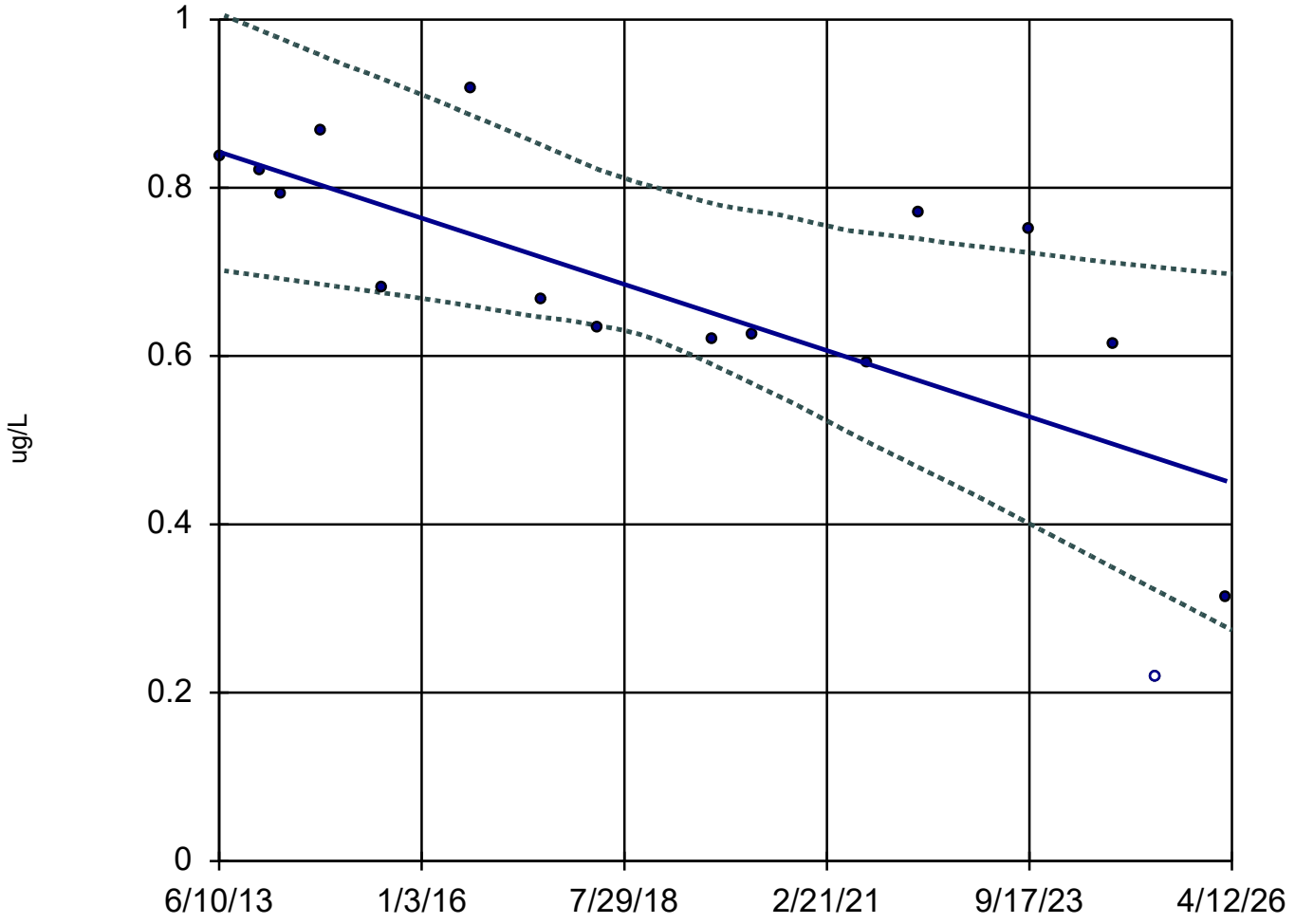
Constituent: Barium Analysis Run 4/29/2026 4:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-30R



n = 16

Slope = -0.03063 units per year.

Mann-Kendall statistic = -74
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

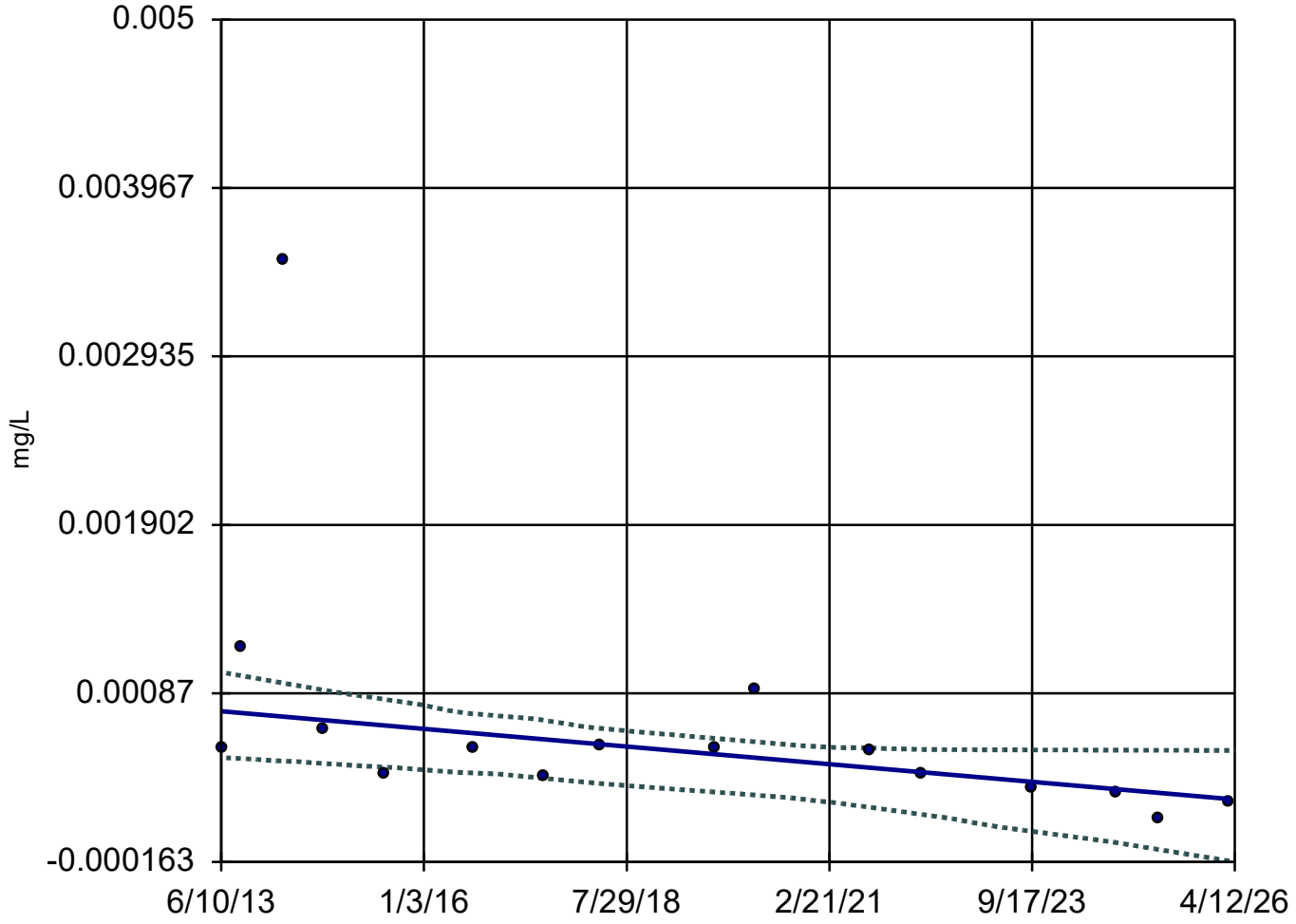
Constituent: Benzene Analysis Run 4/29/2026 4:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-33R



n = 16

Slope = -0.00004202 units per year.

Mann-Kendall statistic = -75
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

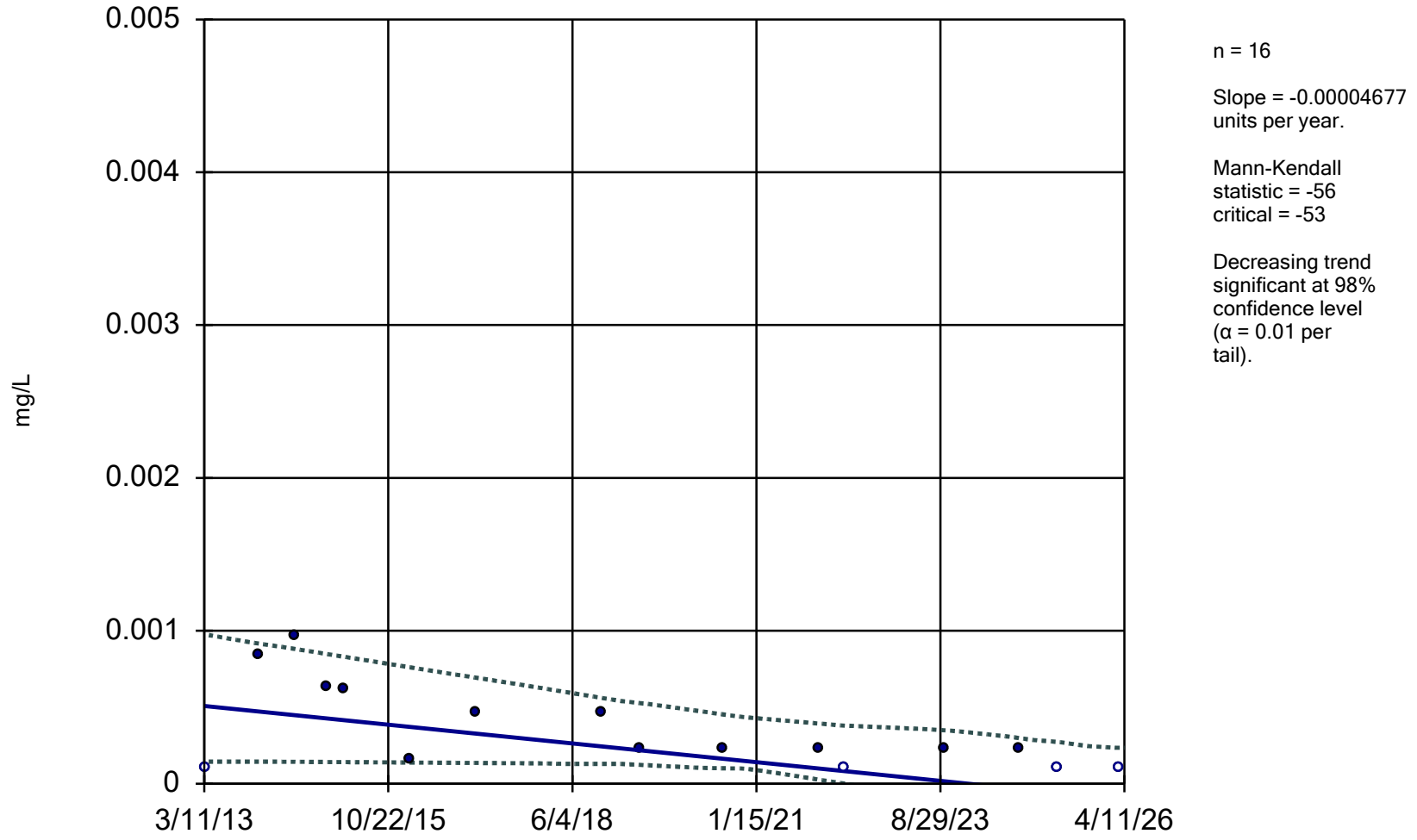
Constituent: Cadmium Analysis Run 4/29/2026 4:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-39



n = 16

Slope = -0.00004677 units per year.

Mann-Kendall statistic = -56
critical = -53

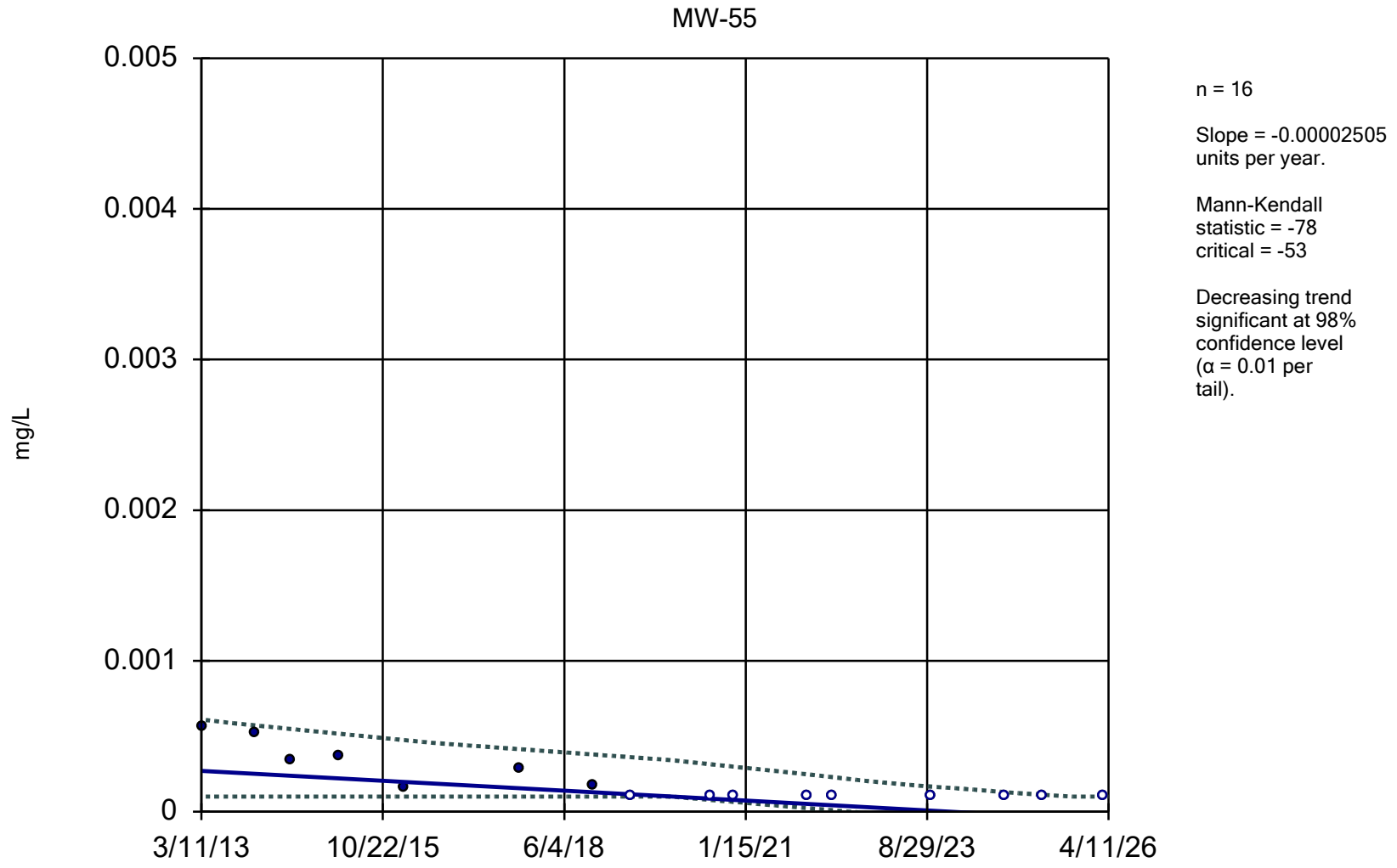
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cadmium Analysis Run 4/29/2026 4:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band



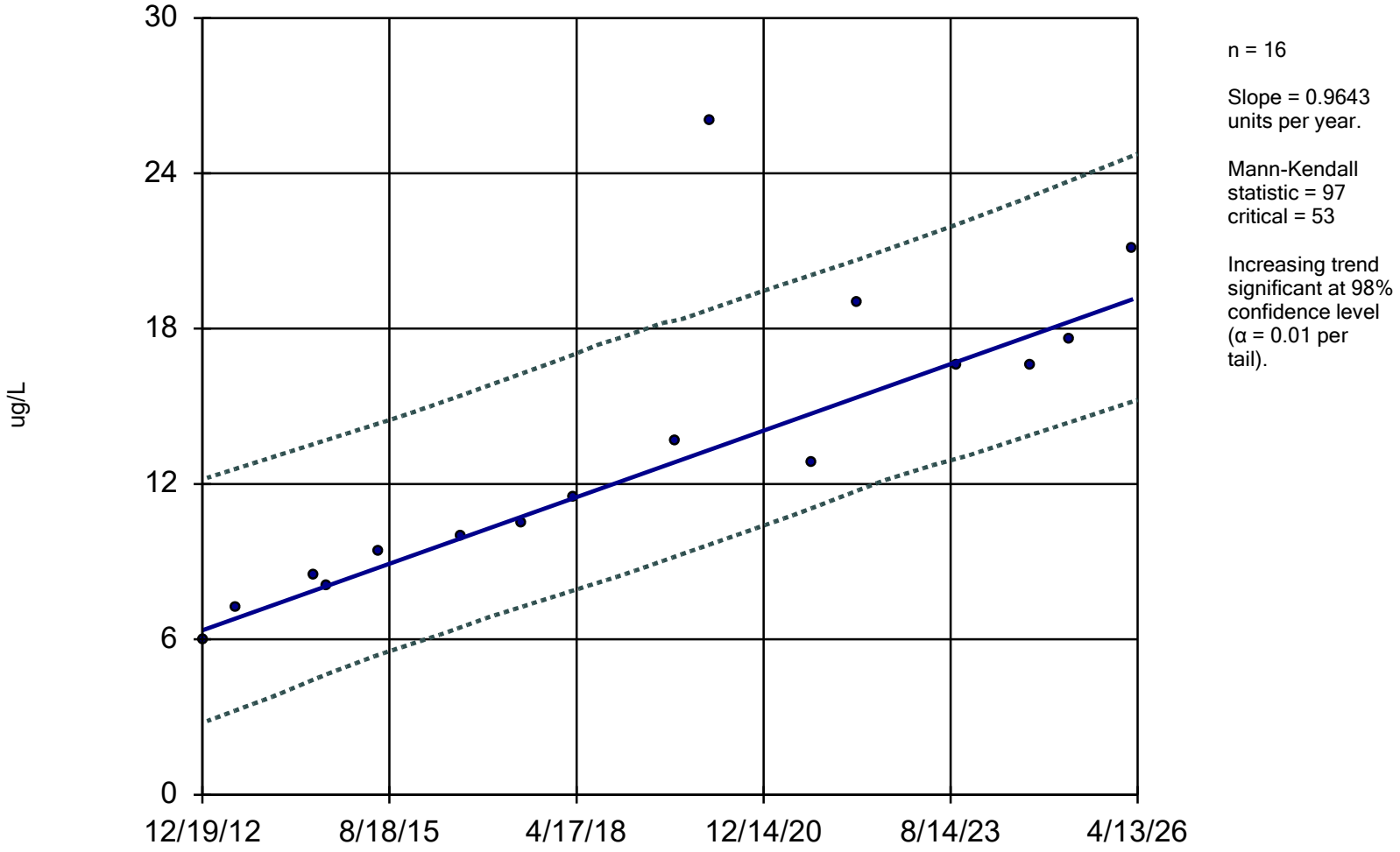
Constituent: Cadmium Analysis Run 4/29/2026 4:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-29



n = 16

Slope = 0.9643 units per year.

Mann-Kendall statistic = 97
critical = 53

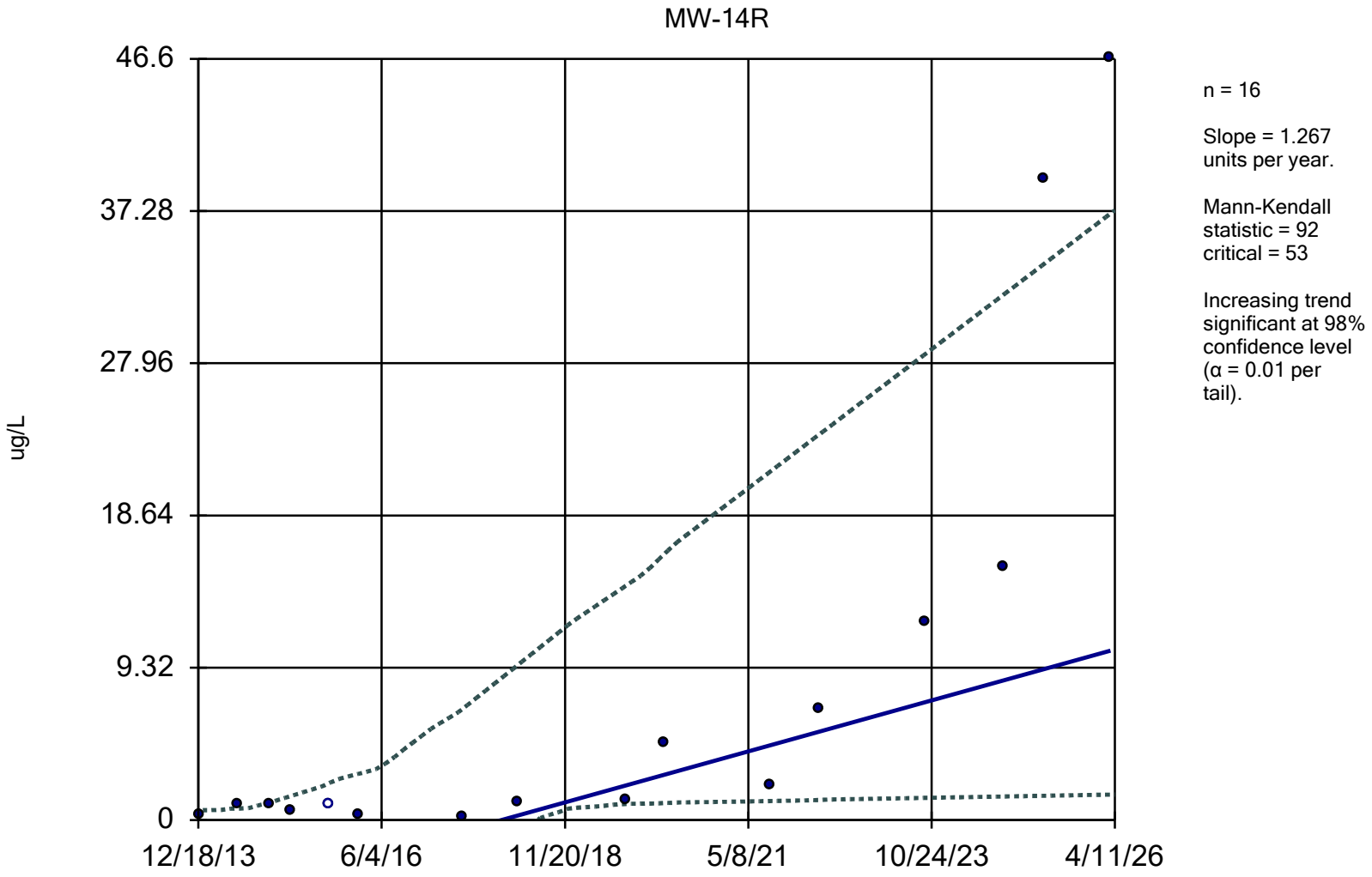
Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Chlorobenzene Analysis Run 4/29/2026 4:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band



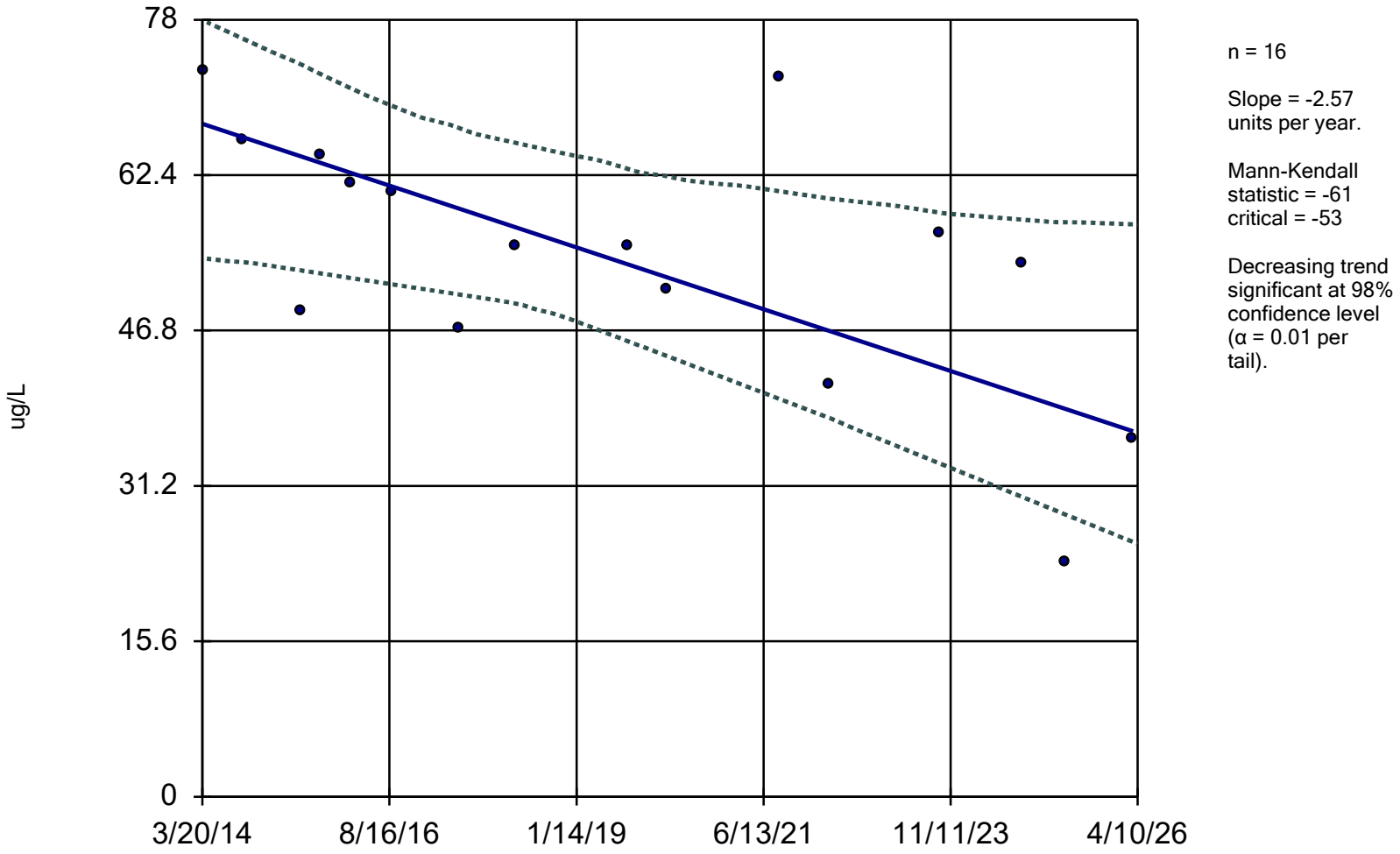
Constituent: cis-1,2-Dichloroethene Analysis Run 4/29/2026 4:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-30R



n = 16

Slope = -2.57 units per year.

Mann-Kendall statistic = -61
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

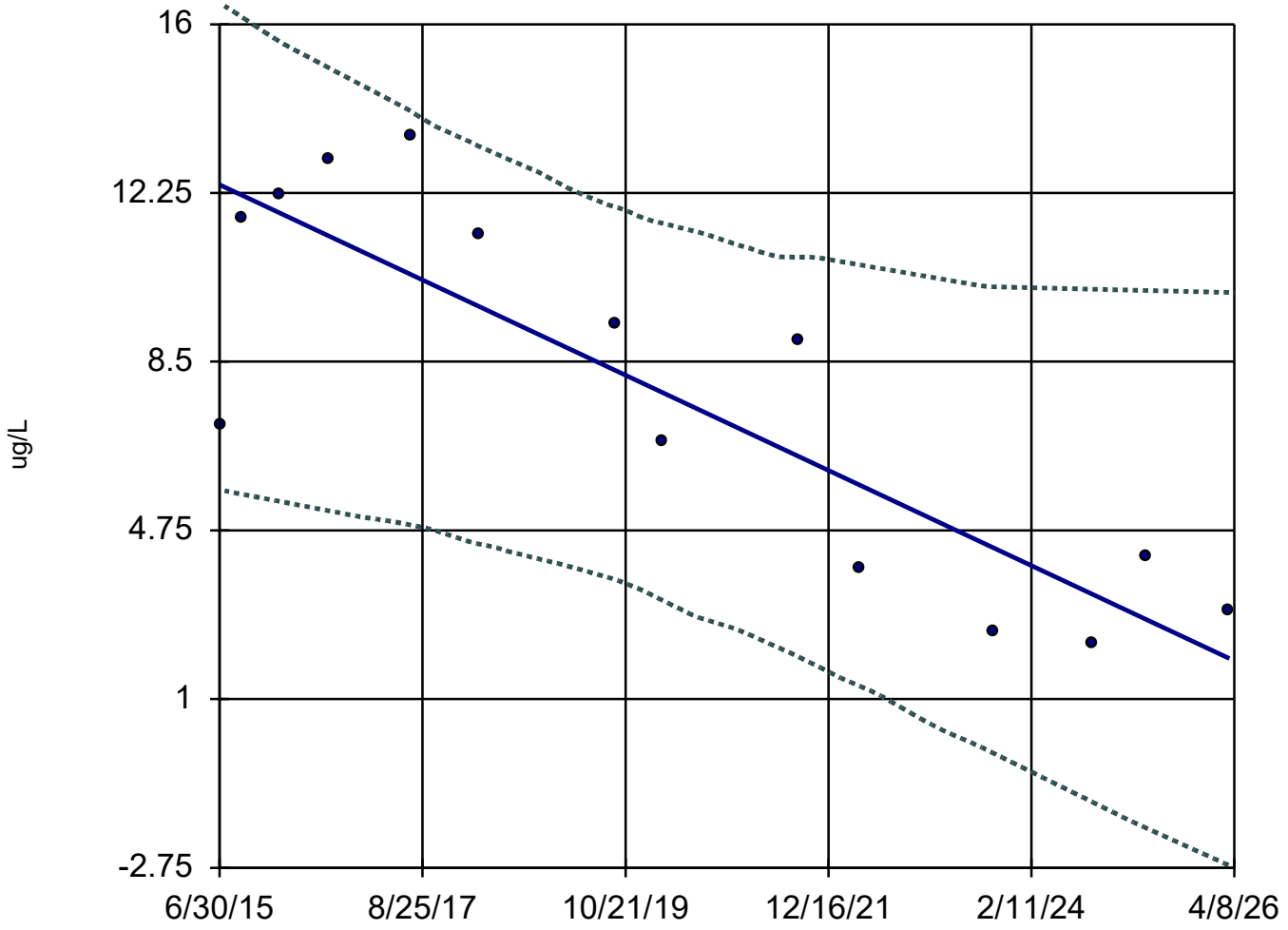
Constituent: cis-1,2-Dichloroethene Analysis Run 4/29/2026 4:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-69



n = 14

Slope = -0.9809 units per year.

Mann-Kendall statistic = -53
critical = -44

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

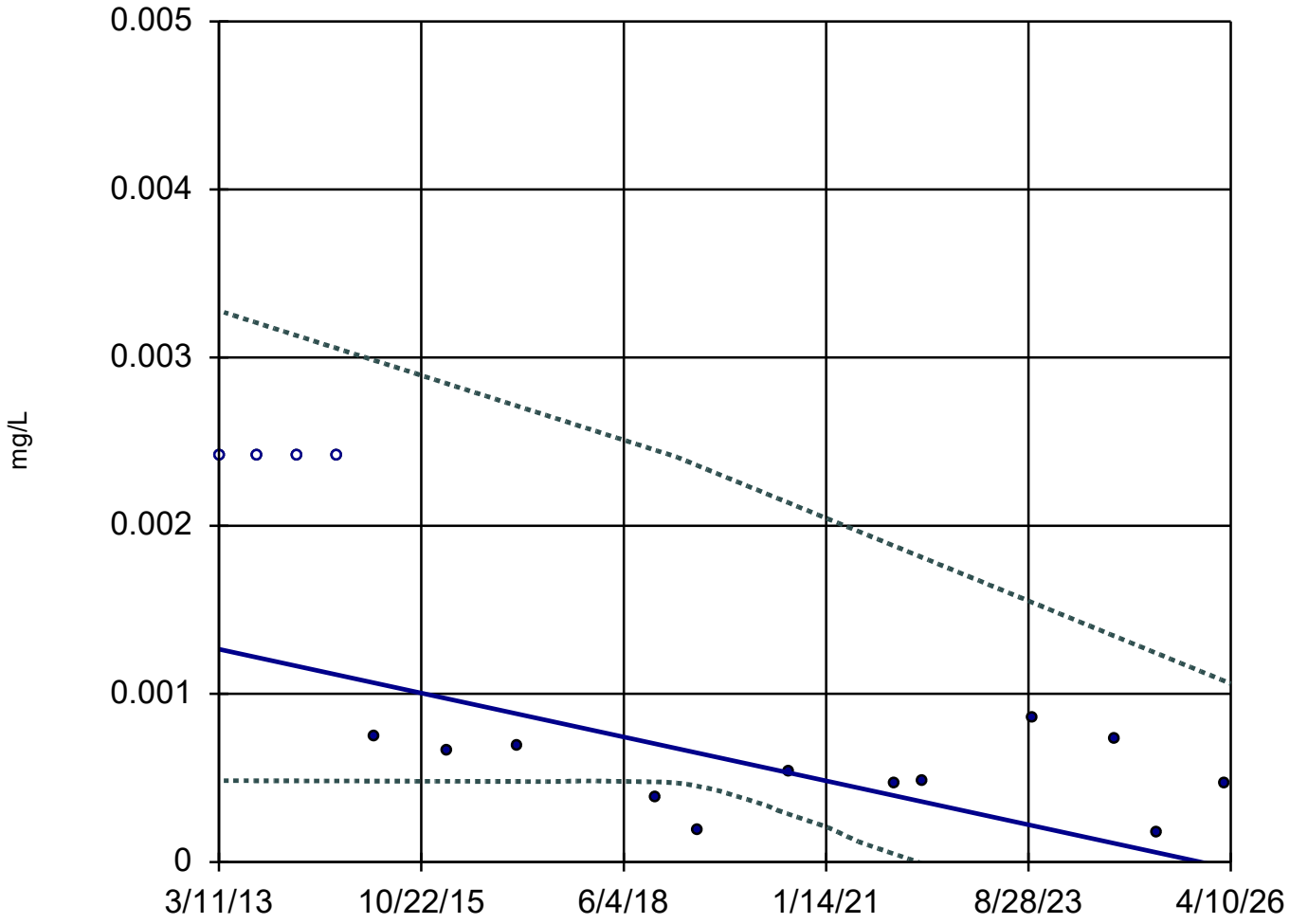
Constituent: cis-1,2-Dichloroethene Analysis Run 4/29/2026 4:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-23 (bg)



n = 16

Slope = -0.00009965 units per year.

Mann-Kendall statistic = -60
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

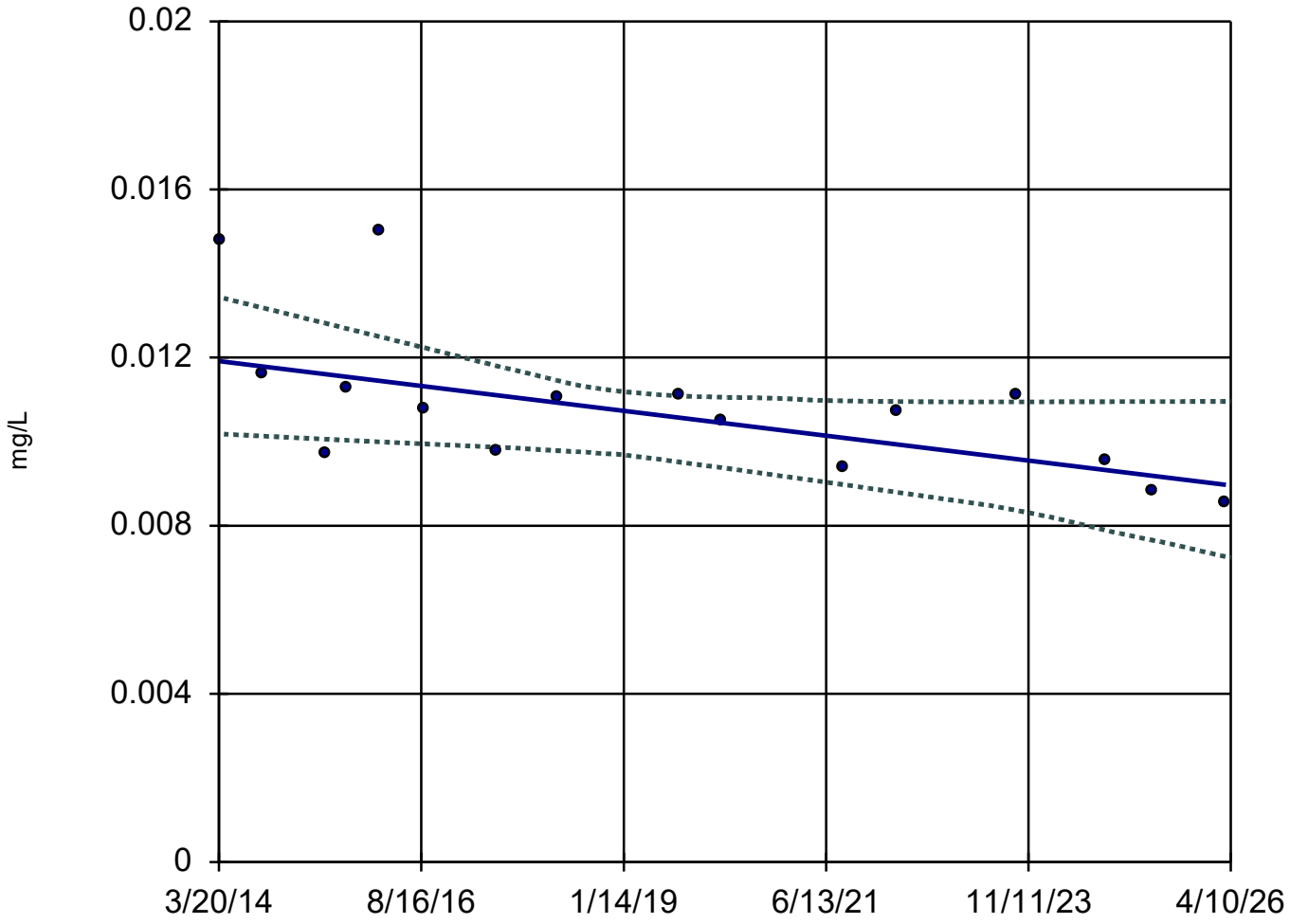
Constituent: Cobalt Analysis Run 4/29/2026 4:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-33R



n = 16

Slope = -0.0002455 units per year.

Mann-Kendall statistic = -63
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

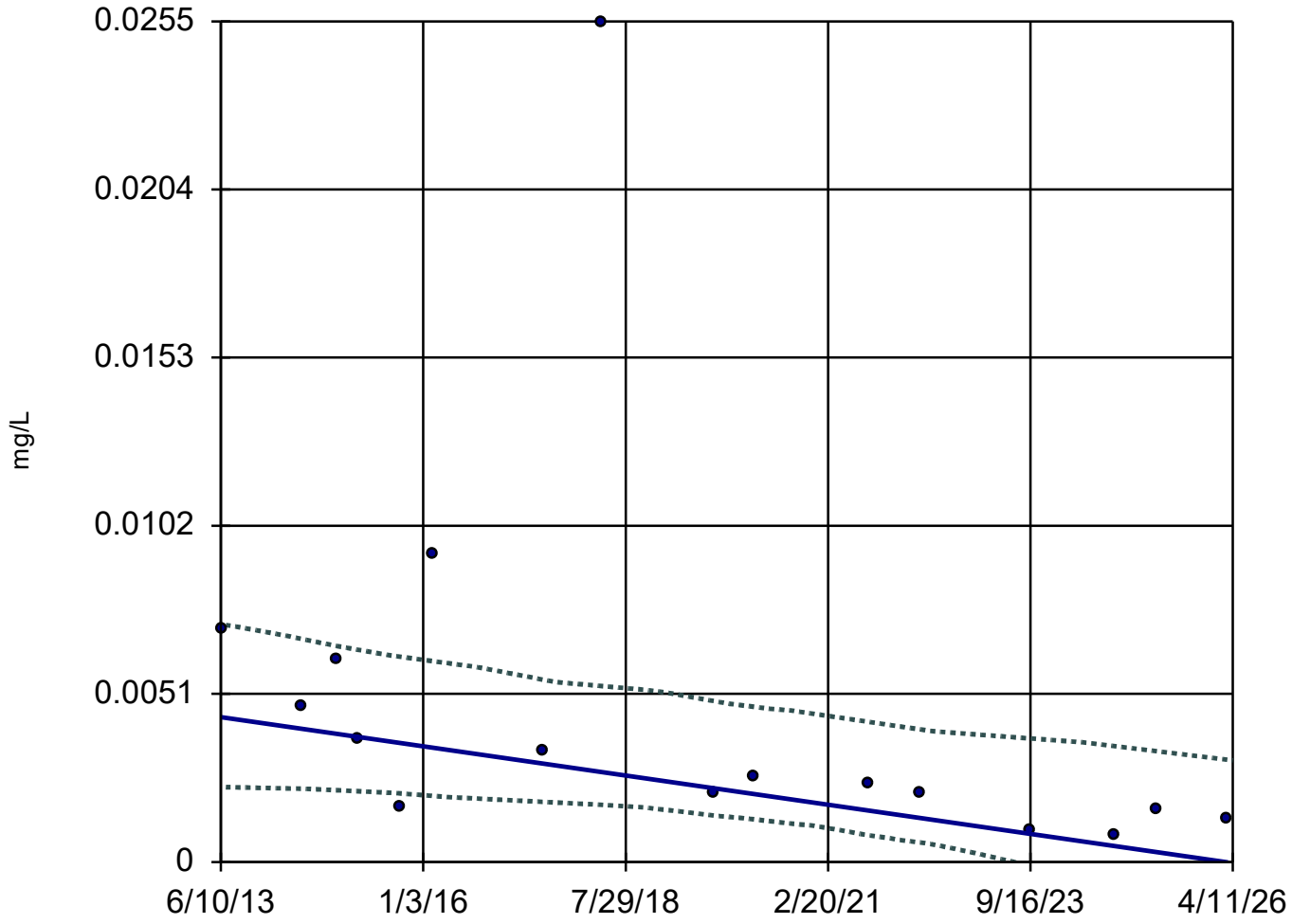
Constituent: Cobalt Analysis Run 4/29/2026 4:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-58



n = 16

Slope = -0.0003452 units per year.

Mann-Kendall statistic = -72
critical = -53

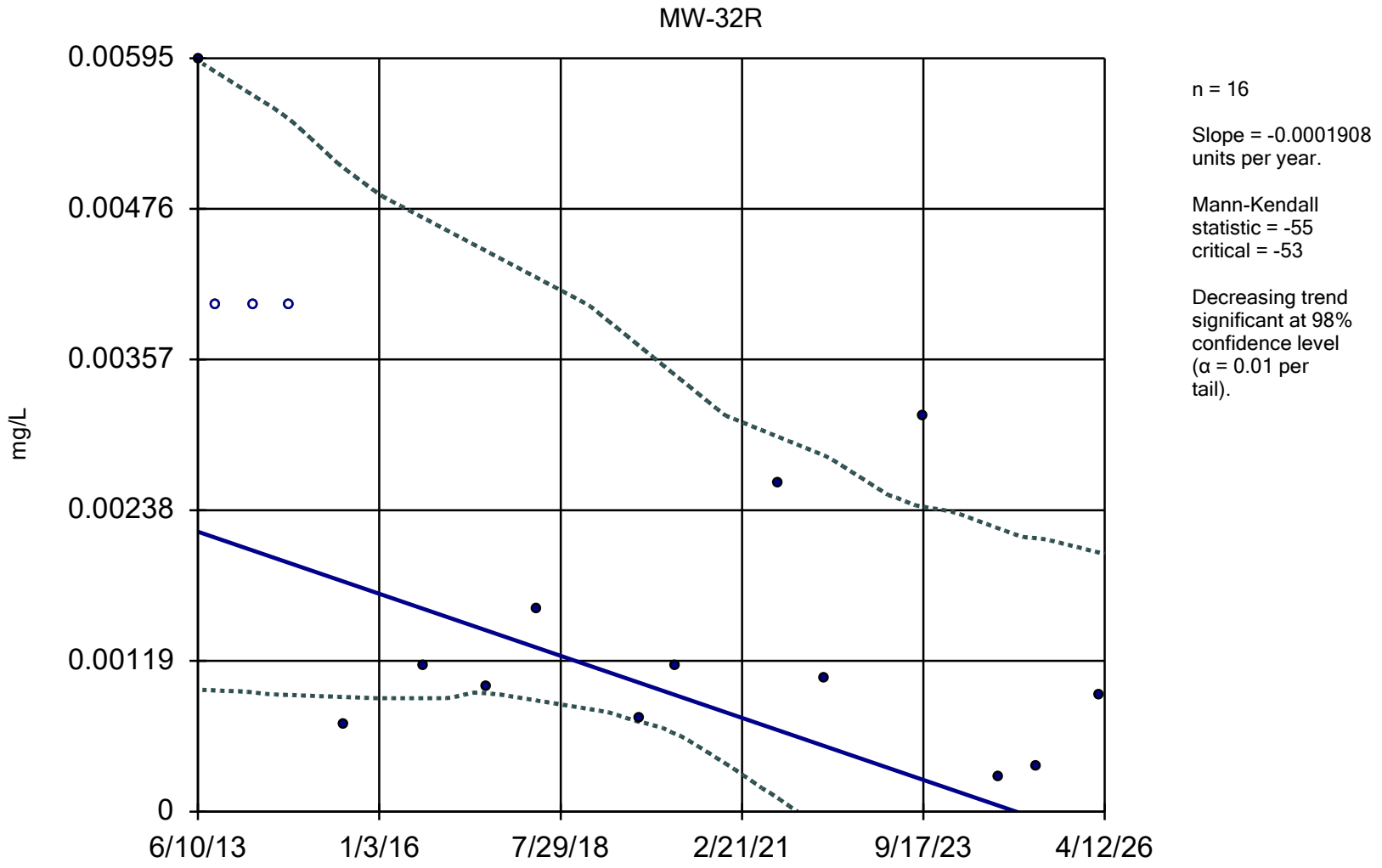
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cobalt Analysis Run 4/29/2026 4:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band



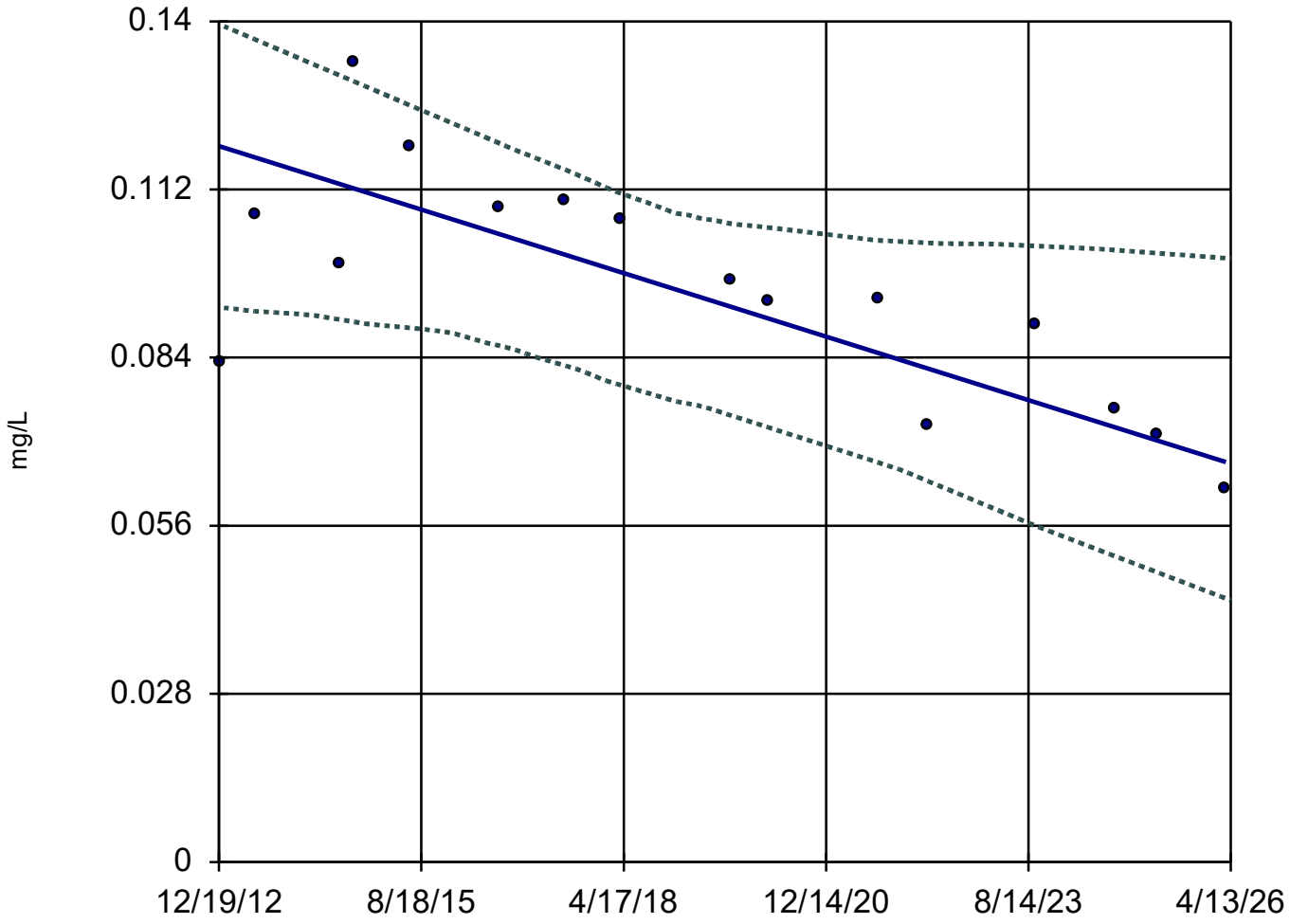
Constituent: Lead Analysis Run 4/29/2026 4:10 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-29



n = 16

Slope = -0.003969 units per year.

Mann-Kendall statistic = -72
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

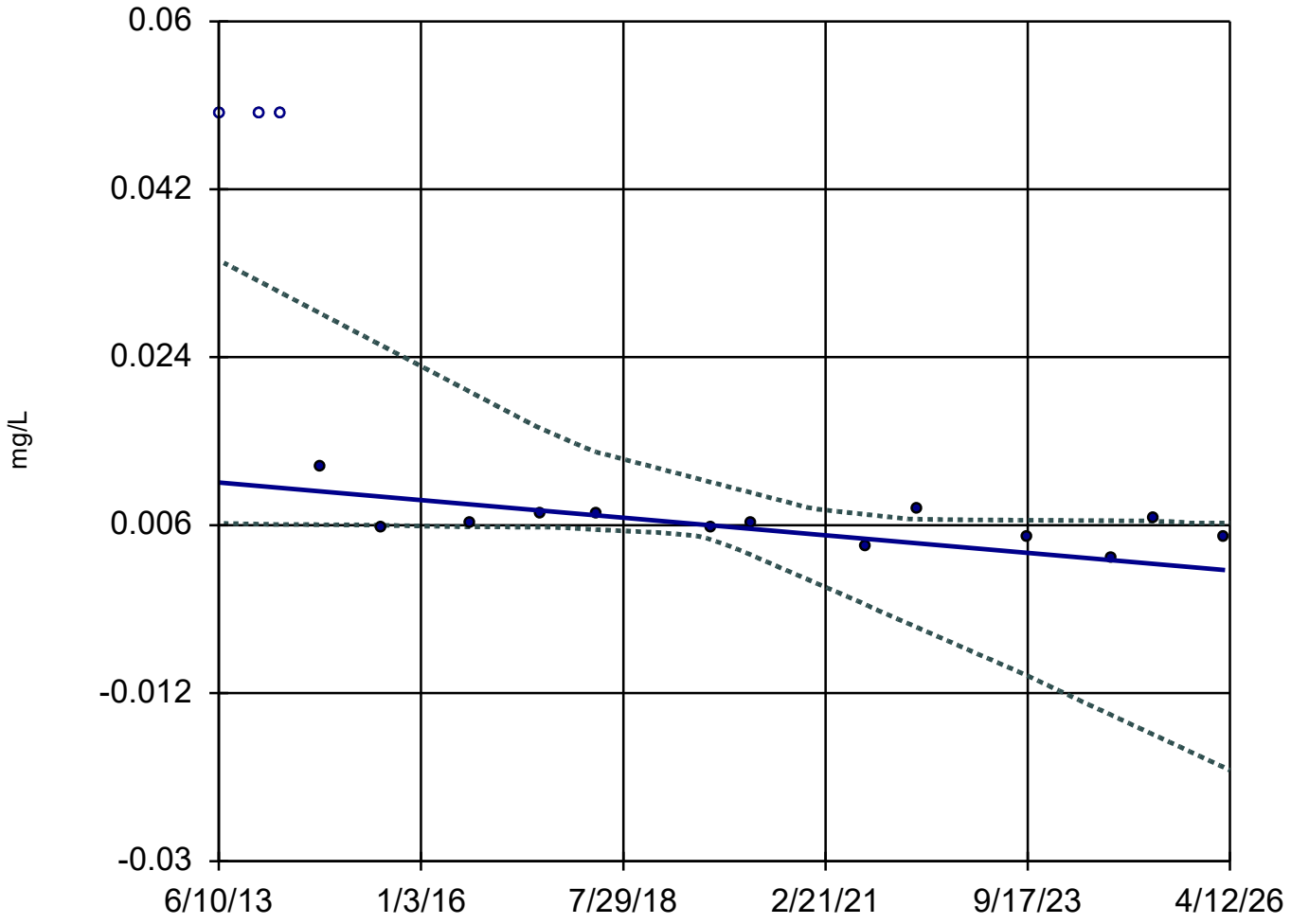
Constituent: Nickel Analysis Run 4/29/2026 4:10 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-30R



n = 16

Slope = -0.0007335 units per year.

Mann-Kendall statistic = -63
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

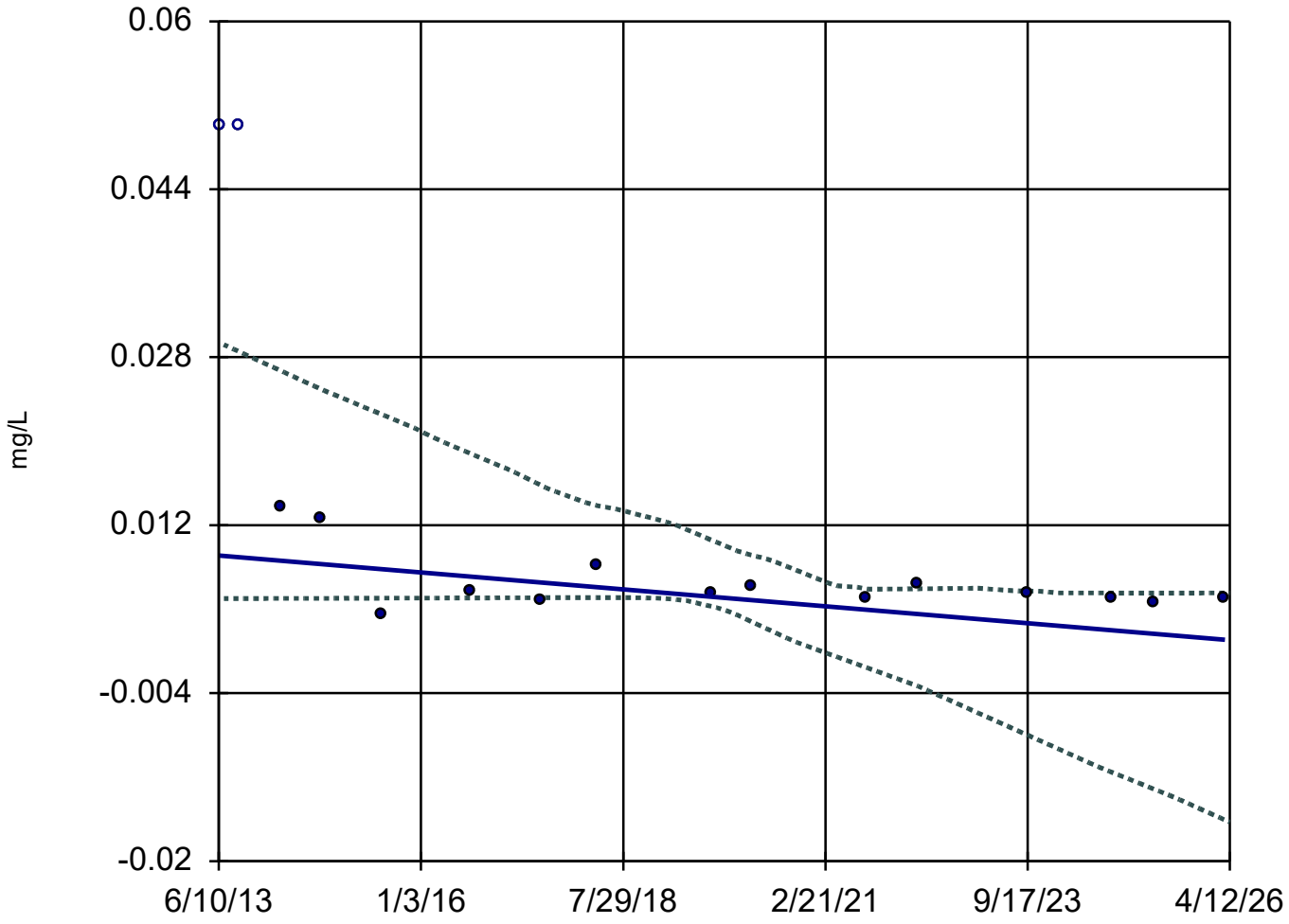
Constituent: Nickel Analysis Run 4/29/2026 4:10 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-33R



n = 16

Slope = -0.0006284 units per year.

Mann-Kendall statistic = -57
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

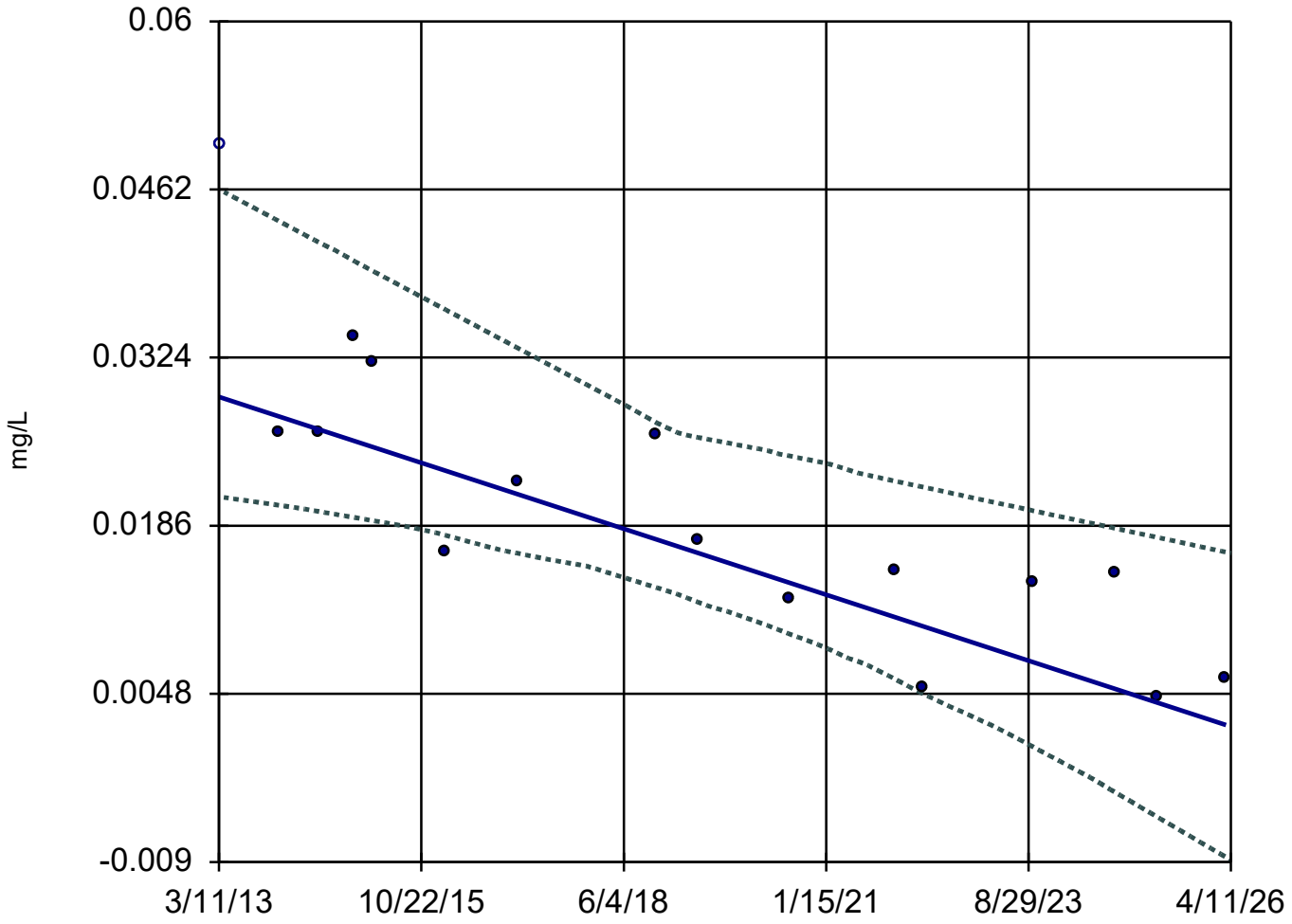
Constituent: Nickel Analysis Run 4/29/2026 4:10 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-39



n = 16

Slope = -0.002067 units per year.

Mann-Kendall statistic = -86
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

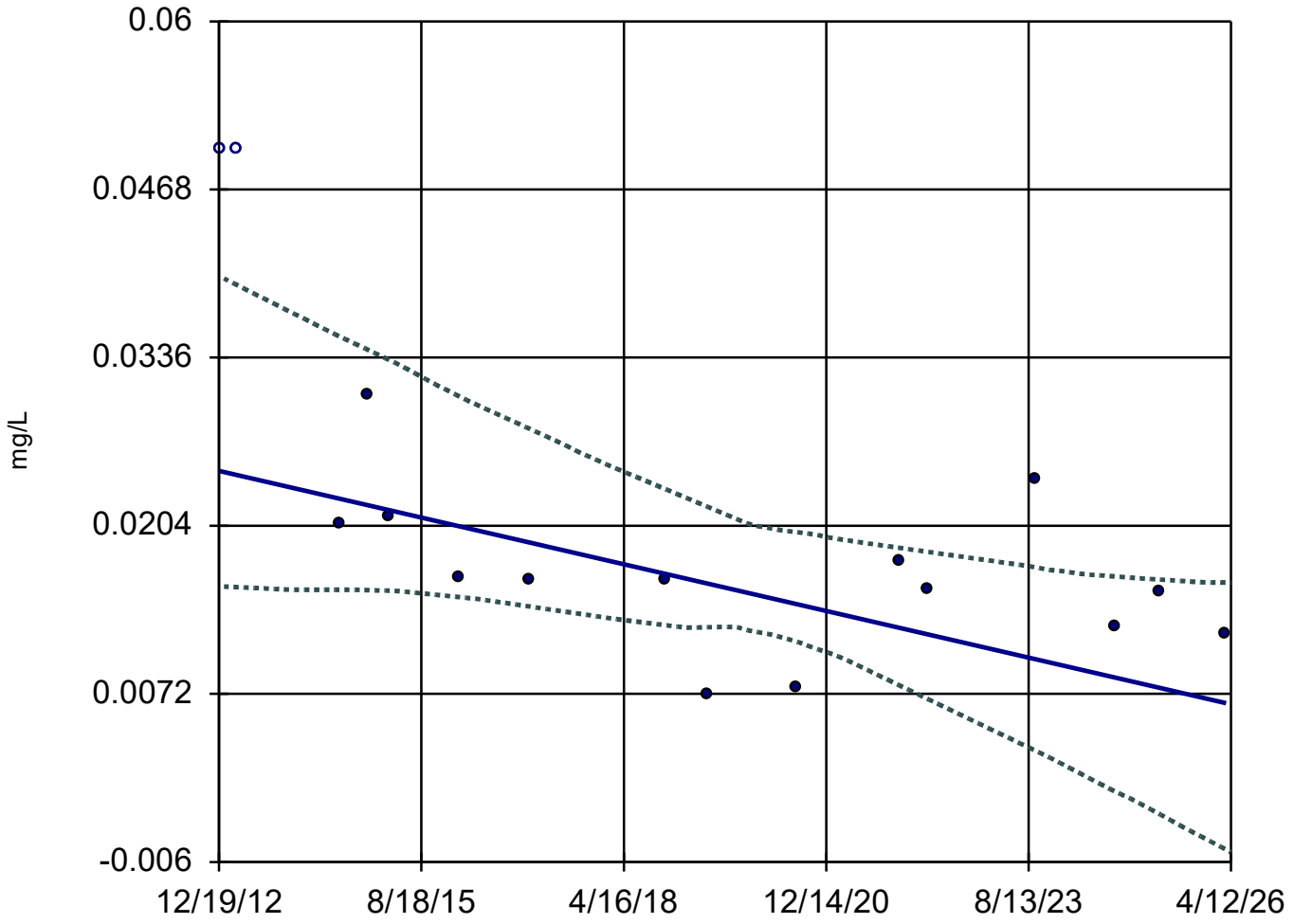
Constituent: Nickel Analysis Run 4/29/2026 4:10 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-56



n = 16

Slope = -0.001376 units per year.

Mann-Kendall statistic = -66
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

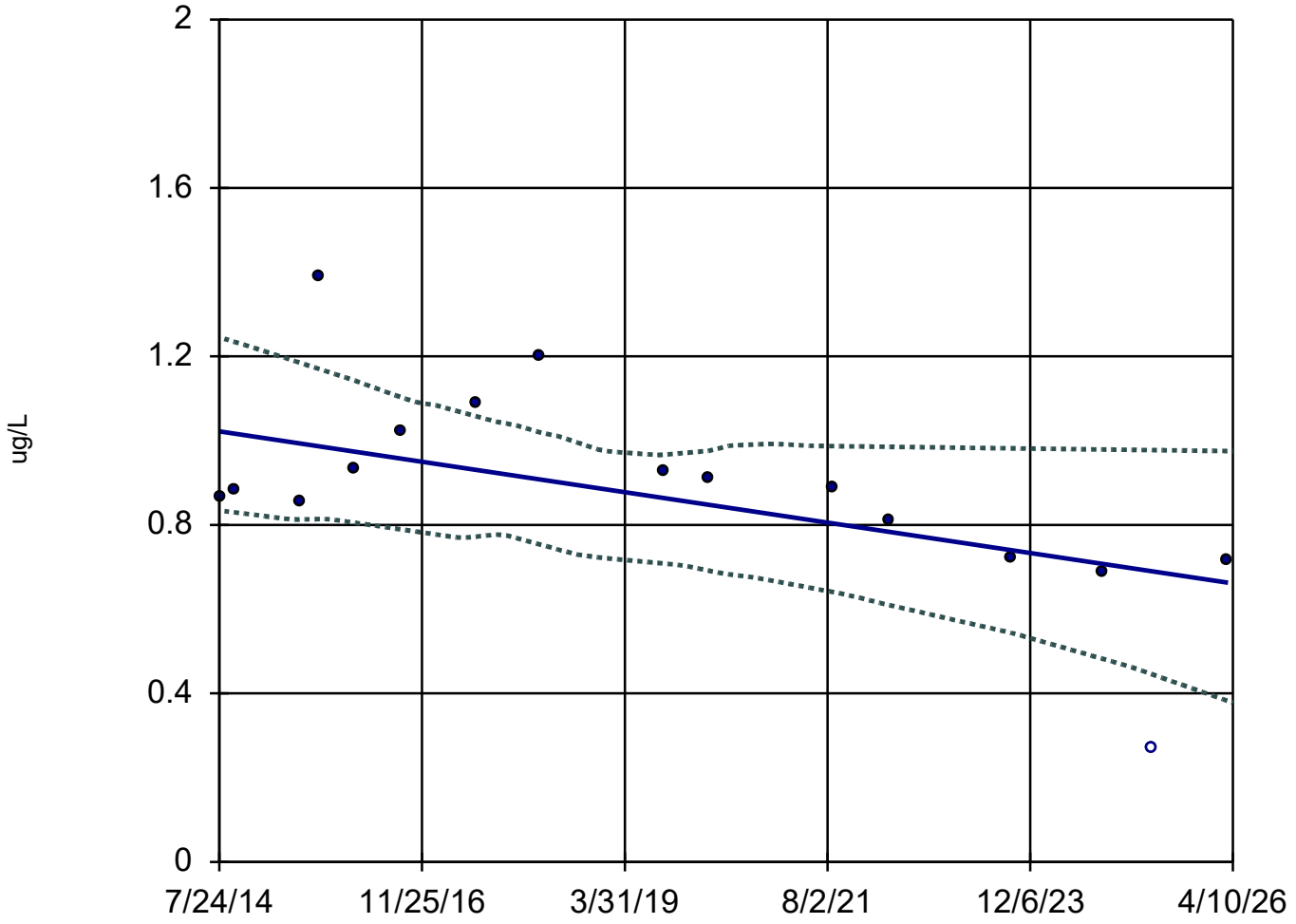
Constituent: Nickel Analysis Run 4/29/2026 4:10 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-29



n = 16

Slope = -0.0308 units per year.

Mann-Kendall statistic = -54
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

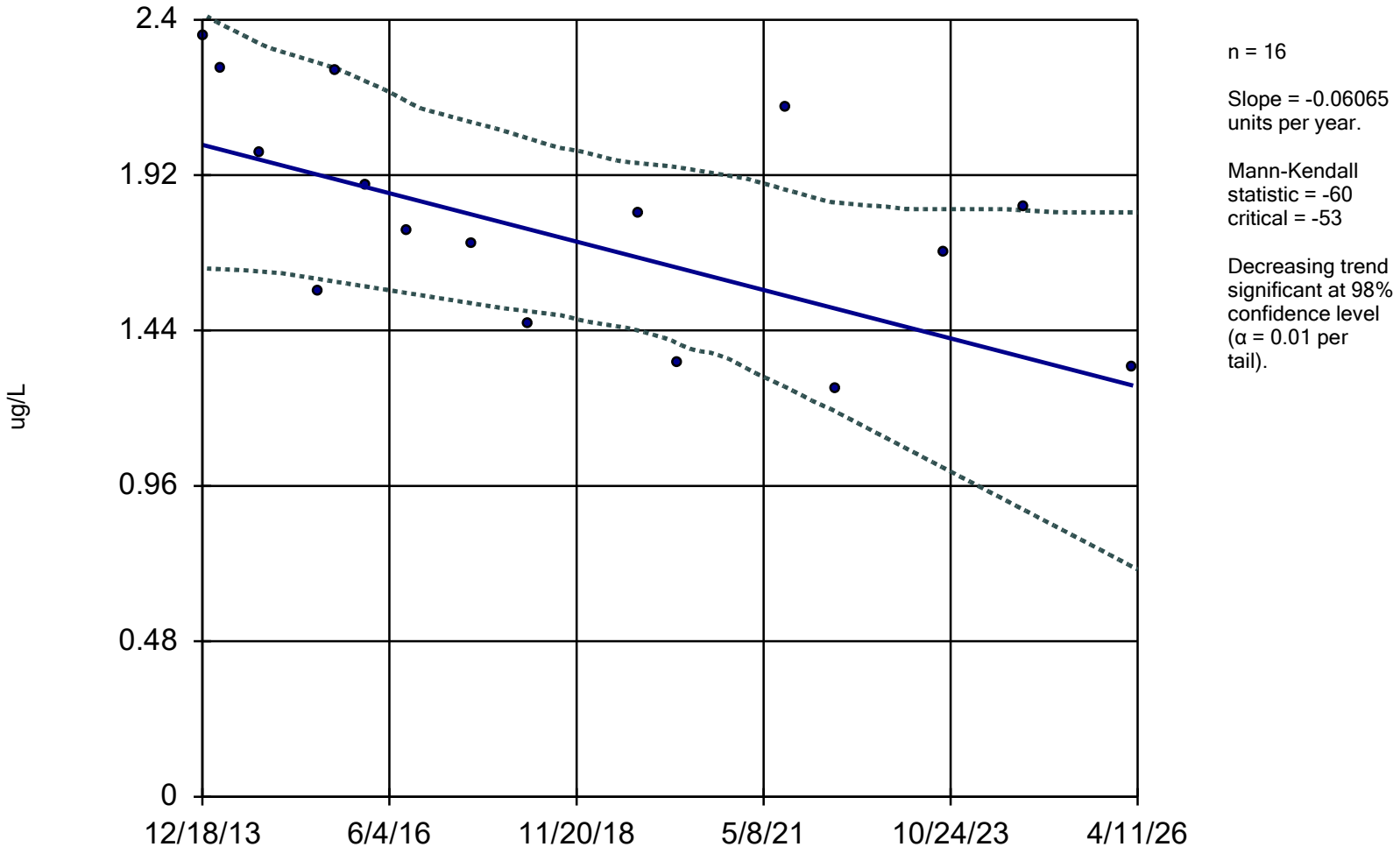
Constituent: trans-1,2-Dichloroethene Analysis Run 4/29/2026 4:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-30R



n = 16

Slope = -0.06065 units per year.

Mann-Kendall statistic = -60
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

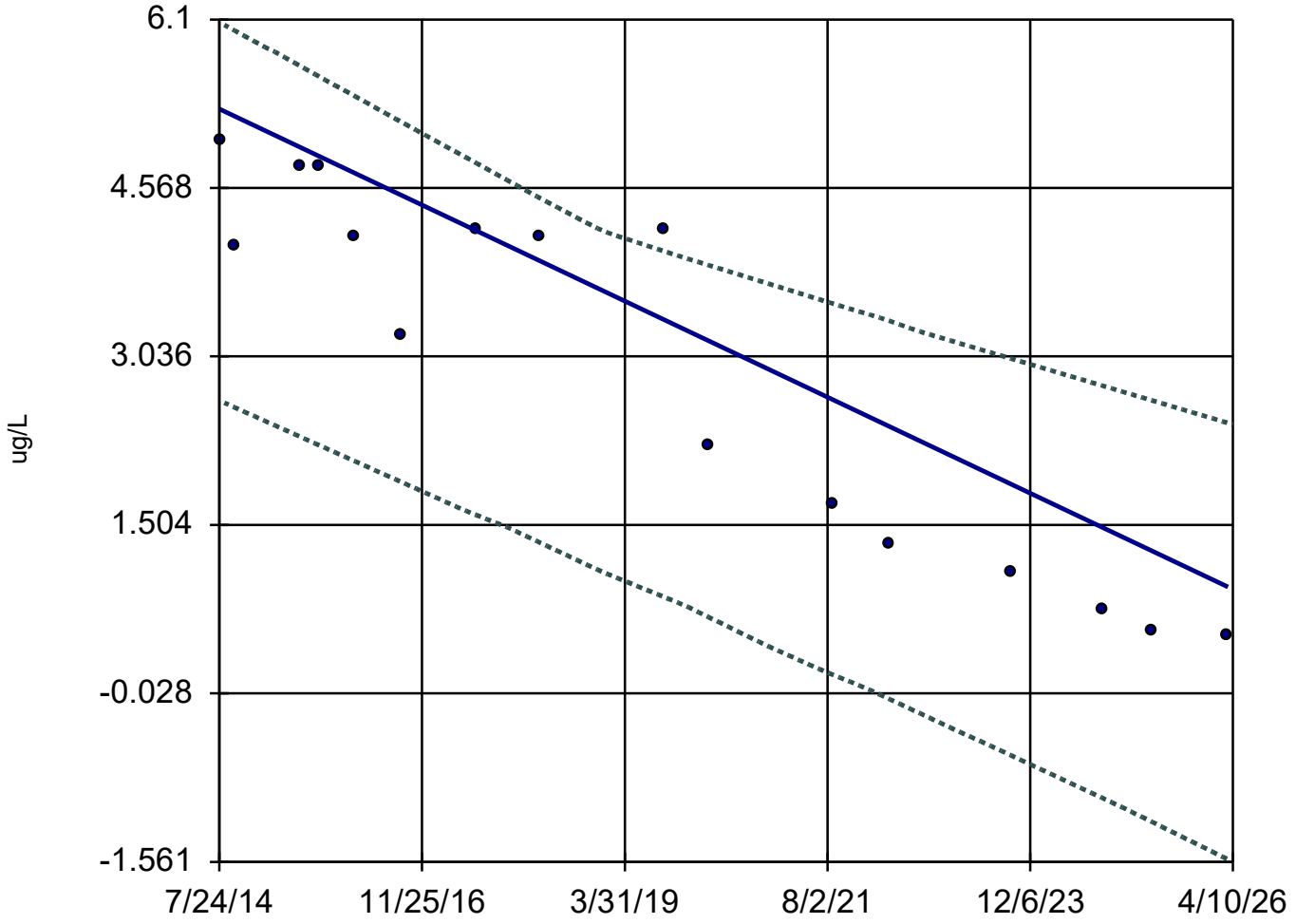
Constituent: trans-1,2-Dichloroethene Analysis Run 4/29/2026 4:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-29



n = 16

Slope = -0.3726 units per year.

Mann-Kendall statistic = -91
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

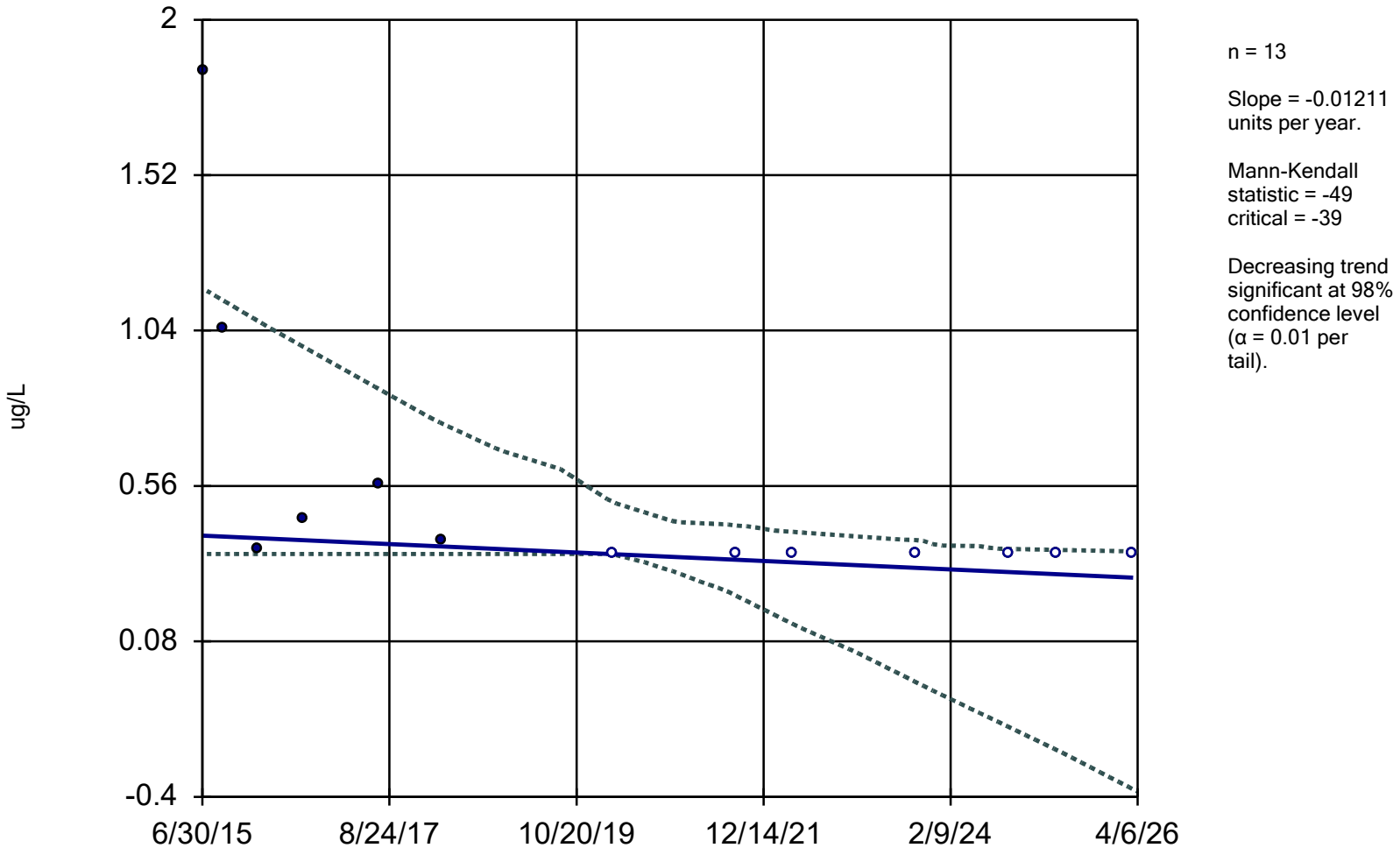
Constituent: Trichloroethene Analysis Run 4/29/2026 4:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-68



n = 13

Slope = -0.01211 units per year.

Mann-Kendall statistic = -49
critical = -39

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

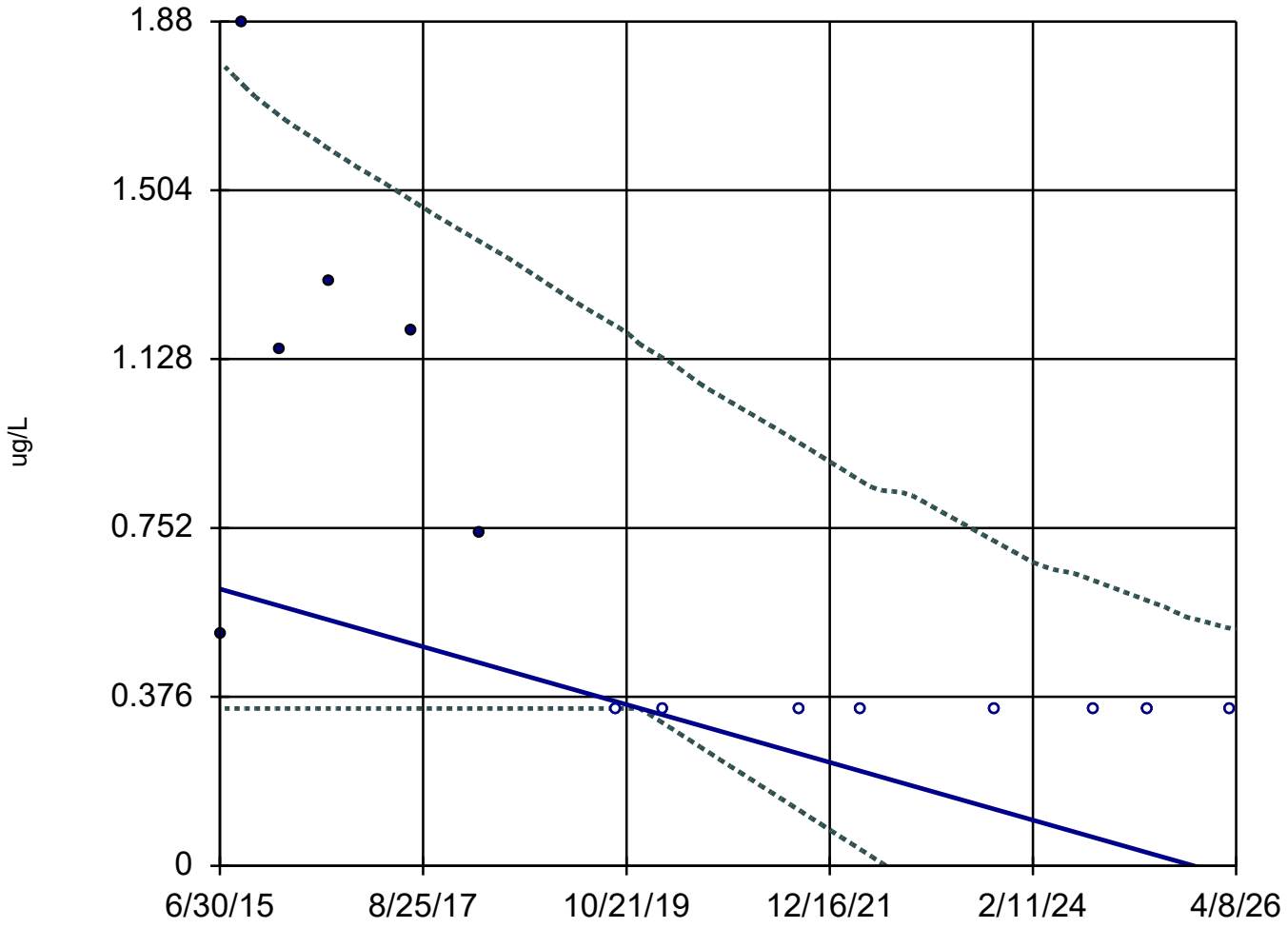
Constituent: Trichloroethene Analysis Run 4/29/2026 4:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-69



n = 14

Slope = -0.05966 units per year.

Mann-Kendall statistic = -49
critical = -44

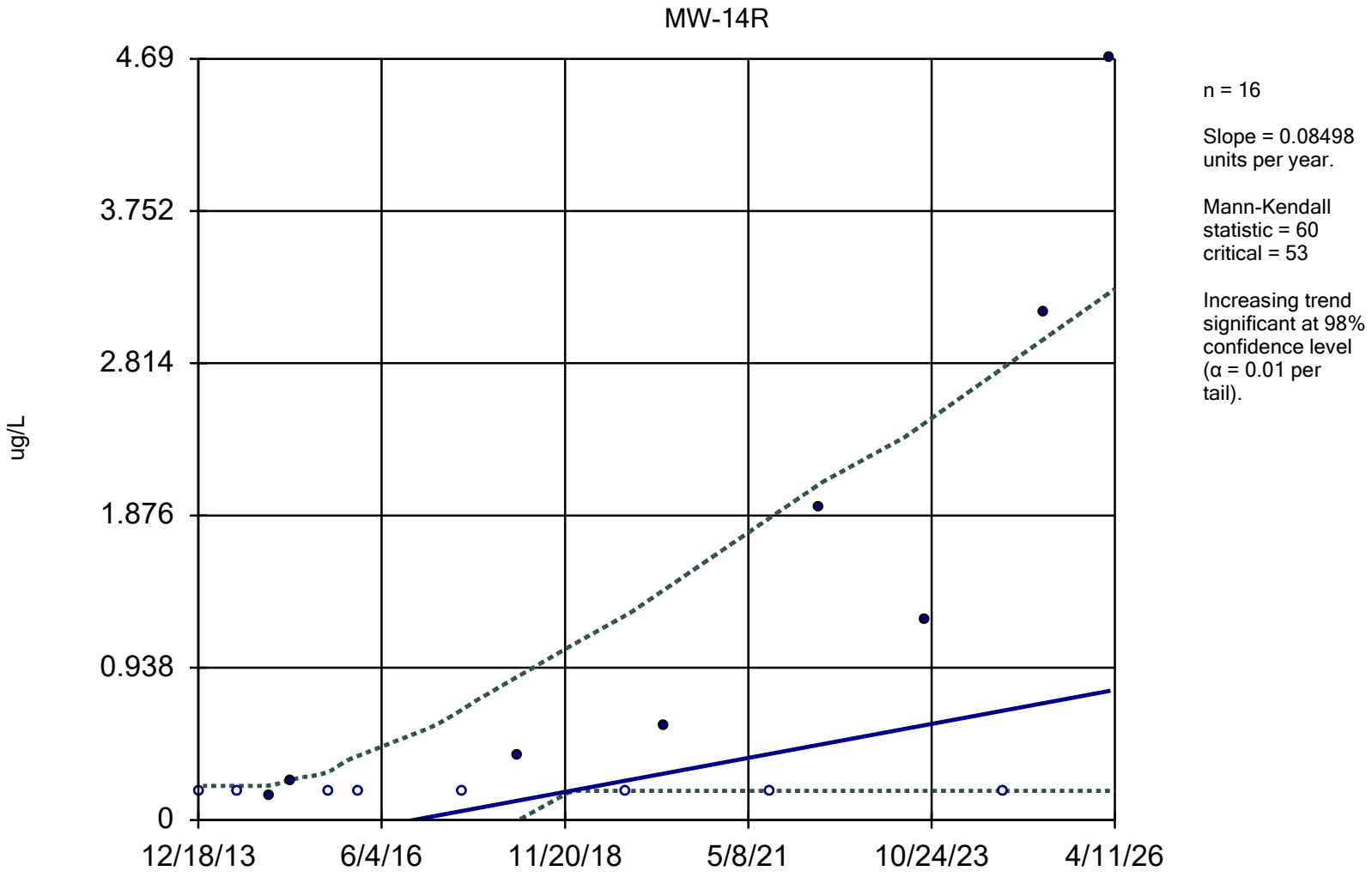
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Trichloroethene Analysis Run 4/29/2026 4:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band



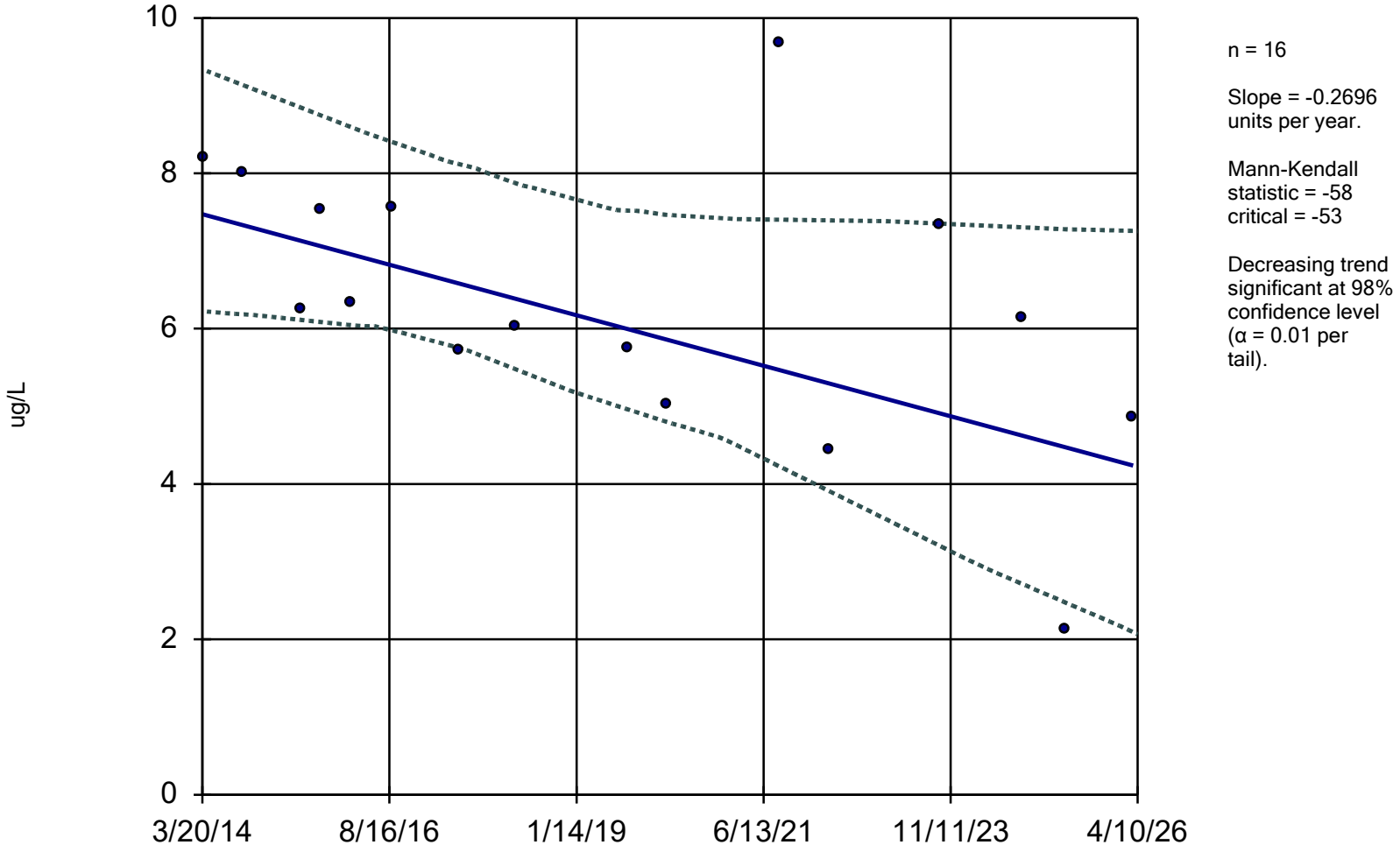
Constituent: Vinyl Chloride Analysis Run 4/29/2026 4:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-30R



n = 16

Slope = -0.2696 units per year.

Mann-Kendall statistic = -58
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

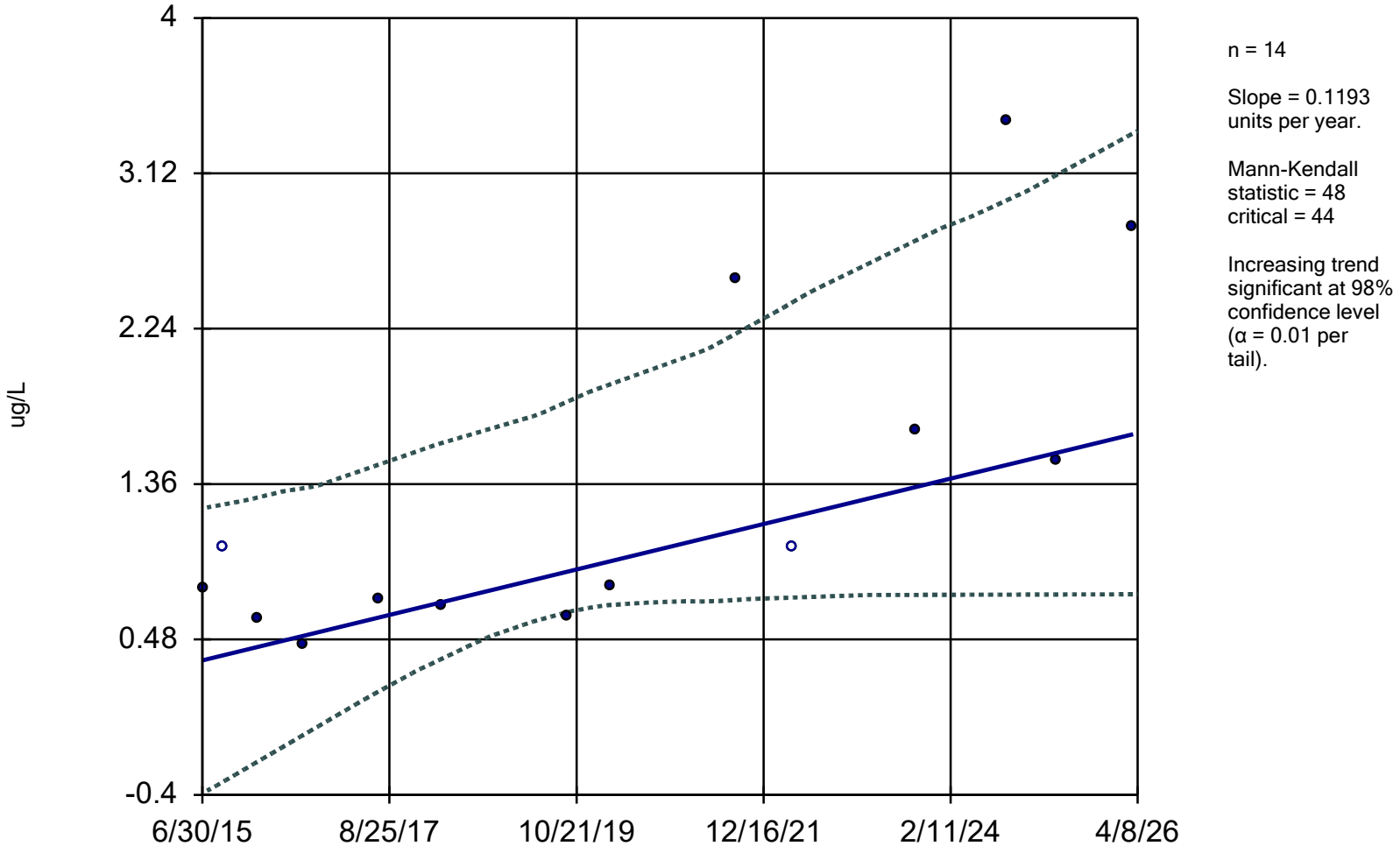
Constituent: Vinyl Chloride Analysis Run 4/29/2026 4:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-69



n = 14

Slope = 0.1193 units per year.

Mann-Kendall statistic = 48
critical = 44

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Vinyl Chloride Analysis Run 4/29/2026 4:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,1-Dichloroethane (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	**MW-14R**	**0.3422**	**79**	**53**	**Yes**	**16**	**6.25**	**n/a**	**n/a**	**0.02**	**NP**
1,1-Dichloroethane (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	**MW-29**	**-0.1345**	**-61**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
1,1-Dichloroethane (ug/L)	**MW-30R**	**-0.2059**	**-62**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
1,1-Dichloroethane (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-56	0	-7	-53	No	16	93.75	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-58	0	5	53	No	16	87.5	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-68	0.008764	1	13	No	6	16.67	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-69	-0.01199	-1	-13	No	6	0	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	PZ-13	0	1	13	No	6	83.33	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-57R	0	12	31	No	11	54.55	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-29	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-30R	0	28	53	No	16	75	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-68	0	0	39	No	13	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-69	0	0	44	No	14	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-70	0	0	31	No	11	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	PZ-13	0	0	44	No	14	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,2-Dichloroethane (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	**MW-29**	**0.04133**	**55**	**53**	**Yes**	**16**	**43.75**	**n/a**	**n/a**	**0.02**	**NP**
1,2-Dichloroethane (ug/L)	MW-30R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-68	0	0	39	No	13	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-69	0	5	44	No	14	92.86	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-70	0	0	31	No	11	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	PZ-13	0	0	44	No	14	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-14R	0	38	53	No	16	81.25	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	**MW-29**	**-0.04459**	**-66**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
1,2-Dichloropropane (ug/L)	MW-30R	0	-9	-53	No	16	81.25	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-68	0	3	13	No	6	83.33	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-69	0.0442	5	13	No	6	16.67	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-57R	0	9	31	No	11	81.82	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-29	0.2127	46	53	No	16	0	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-30R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,4-Dichlorobenzene (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	GU-3A	0	-4	-53	No	16	81.25	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-29	0	-1	-53	No	16	87.5	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-30R	0	0	53	No	16	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-39	0	1	53	No	16	93.75	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-56	0	3	53	No	16	93.75	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-29	0	-13	-35	No	12	58.33	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-56	0	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-58	0	0	13	No	6	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-18	0	1	8	No	4	75	n/a	n/a	0.02	NP
4,4`-DDE (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
4,4`-DDE (ug/L)	MW-29	0	9	17	No	7	71.43	n/a	n/a	0.02	NP
4,4`-DDE (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDE (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-55	0.002385	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-58	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Acetone (ug/L)	GU-3A	0	-16	-53	No	16	56.25	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-14R	0	-7	-53	No	16	87.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-19	0	-11	-53	No	16	93.75	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-23 (bg)	0	-13	-20	No	8	75	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-29	0	19	53	No	16	50	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-30R	0	5	53	No	16	87.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-31R	0	-3	-53	No	16	87.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-32R	0	-7	-53	No	16	93.75	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-33R	0	8	53	No	16	81.25	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-55	0	5	53	No	16	93.75	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-56	0	5	53	No	16	87.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-58	0	10	53	No	16	81.25	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Acetone (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-57R	0	11	31	No	11	81.82	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
Aldrin (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-18	0	3	17	No	7	57.14	n/a	n/a	0.02	NP
Aldrin (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-29	0	-3	-27	No	10	50	n/a	n/a	0.02	NP
Aldrin (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Aldrin (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-58	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-18	0.0004496	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Alpha-BHC (ug/L)	MW-29	-0.0001269	-22	-35	No	12	41.67	n/a	n/a	0.02	NP
Alpha-BHC (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Alpha-BHC (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-58	0.0007946	13	17	No	7	57.14	n/a	n/a	0.02	NP
Alpha-BHC (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Alpha-Chlordane (ug/L)	MW-29	0	-1	-17	No	7	71.43	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-101	0	3	23	No	9	77.78	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-102	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-103	0	-3	-23	No	9	66.67	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-104	0	-5	-13	No	6	83.33	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-105	-0.01376	-9	-13	No	6	66.67	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-106	0	2	23	No	9	88.89	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-107	0	4	23	No	9	88.89	n/a	n/a	0.02	NP
Antimony (mg/L)	GU-3A	0	-6	-53	No	16	75	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-23 (bg)	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-24R (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-29	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-30R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-58	0	3	53	No	16	93.75	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-73	0	9	27	No	10	90	n/a	n/a	0.02	NP
Arsenic (mg/L)	GU-3A	-0.00008008	-34	-53	No	16	25	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-14R	0.0004083	42	53	No	16	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-18	0	11	53	No	16	62.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-23 (bg)	0	21	53	No	16	87.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-24R (bg)	0	0	53	No	16	100	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-28	-0.0001219	-42	-53	No	16	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-29	-0.0007841	-18	-53	No	16	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-30R	-0.0008738	-34	-53	No	16	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-31R	0.000174	29	53	No	16	37.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-32R	0	12	53	No	16	56.25	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-33R	-0.00125	-48	-53	No	16	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-39	0	37	53	No	16	68.75	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-55	0	-5	-53	No	16	93.75	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Arsenic (mg/L)	MW-56	0.001504	32	53	No	16	6.25	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-58	0.001346	44	53	No	16	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-60	0	0	31	No	11	100	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-62	-0.00003235	-11	-23	No	9	22.22	n/a	n/a	0.02	NP
Arsenic (mg/L)	PZ-13	-0.000004603	-1	-31	No	11	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	SW-101	-0.0001192	-5	-23	No	9	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	SW-102	-0.0004014	-8	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	SW-103	-0.0001981	-11	-20	No	8	25	n/a	n/a	0.02	NP
Arsenic (mg/L)	SW-106	-0.0002537	-12	-23	No	9	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	SW-107	-0.00005933	-2	-23	No	9	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-57R	-0.0002799	-3	-31	No	11	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-73	-0.0001582	-4	-27	No	10	0	n/a	n/a	0.02	NP
Barium (mg/L)	**GU-3A**	**-0.01181**	**-60**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (mg/L)	**MW-14R**	**0.008221**	**83**	**53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (mg/L)	**MW-18**	**-0.003649**	**-57**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (mg/L)	MW-19	-0.0002259	-16	-53	No	16	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-23 (bg)	-0.005568	-26	-53	No	16	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-24R (bg)	-0.004891	-46	-53	No	16	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-28	-0.0005963	-30	-53	No	16	0	n/a	n/a	0.02	NP
Barium (mg/L)	**MW-29**	**-0.09299**	**-92**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (mg/L)	MW-30R	-0.01312	-33	-53	No	16	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-31R	-0.002069	-4	-53	No	16	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-32R	-0.004743	-24	-53	No	16	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-33R	-0.001118	-1	-53	No	16	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-39	-0.001235	-26	-53	No	16	0	n/a	n/a	0.02	NP
Barium (mg/L)	**MW-55**	**-0.006588**	**-56**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (mg/L)	MW-56	-0.004558	-4	-53	No	16	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-58	0.00676	22	53	No	16	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-57R	-0.07734	-21	-31	No	11	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-73	-0.01006	-17	-31	No	11	0	n/a	n/a	0.02	NP
Benzene (ug/L)	GU-3A	0	-7	-53	No	16	87.5	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-29	0.01579	17	53	No	16	0	n/a	n/a	0.02	NP
Benzene (ug/L)	**MW-30R**	**-0.03063**	**-74**	**-53**	**Yes**	**16**	**6.25**	**n/a**	**n/a**	**0.02**	**NP**
Benzene (ug/L)	MW-31R	0	11	53	No	16	93.75	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-55	0	3	53	No	16	93.75	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-56	-0.02972	-13	-53	No	16	18.75	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-58	0.09308	34	53	No	16	0	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-68	0.7821	9	13	No	6	0	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-69	-0.09456	-5	-13	No	6	16.67	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-70	0	0	31	No	11	100	n/a	n/a	0.02	NP
Benzene (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Benzene (ug/L)	MW-57R	0.2104	7	31	No	11	9.091	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-73	0	-15	-31	No	11	81.82	n/a	n/a	0.02	NP
Beryllium (mg/L)	GU-3A	0	12	53	No	16	81.25	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-23 (bg)	0	0	53	No	16	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-24R (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-29	0	5	53	No	16	93.75	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-30R	0	2	53	No	16	75	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-33R	0	-13	-53	No	16	87.5	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-58	0	-1	-53	No	16	87.5	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-73	0	0	27	No	10	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-29	-0.002165	-14	-35	No	12	41.67	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-56	0.00295	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-58	0	0	8	No	4	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Cadmium (mg/L)	GU-3A	0	-12	-53	No	16	75	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-14R	0	-10	-53	No	16	56.25	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-18	0	-6	-53	No	16	50	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-19	-0.000002711	-32	-53	No	16	50	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-23 (bg)	0	7	39	No	13	84.62	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-24R (bg)	0	3	53	No	16	93.75	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-28	0	1	53	No	16	68.75	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-29	0	0	53	No	16	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-30R	0	-4	-53	No	16	75	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-31R	0	15	53	No	16	87.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-32R	0	11	53	No	16	62.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	**MW-33R**	**-0.00004202**	**-75**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (mg/L)	**MW-39**	**-0.00004677**	**-56**	**-53**	**Yes**	**16**	**25**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (mg/L)	**MW-55**	**-0.00002505**	**-78**	**-53**	**Yes**	**16**	**56.25**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (mg/L)	MW-56	0	17	53	No	16	62.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-58	0	-26	-53	No	16	75	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Cadmium (mg/L)	MW-57R	0.0001084	17	31	No	11	0	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-73	-0.0000704	-27	-27	No	10	0	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-18	0	-15	-53	No	16	93.75	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-19	0	9	53	No	16	93.75	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-29	0	0	53	No	16	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-30R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-55	0	1	53	No	16	93.75	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-56	0	11	53	No	16	87.5	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-58	0	3	53	No	16	93.75	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-57R	0	-10	-31	No	11	90.91	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-101	1.272	9	23	No	9	33.33	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-102	-2.475	-8	-20	No	8	12.5	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-103	0	-1	-20	No	8	37.5	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-104	-7.003	-9	-13	No	6	66.67	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-105	-0.2186	-1	-13	No	6	0	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-106	-0.04946	-3	-23	No	9	33.33	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-107	0	0	23	No	9	44.44	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-101	-1.46	-10	-20	No	8	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-102	-0.6936	-3	-17	No	7	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-103	-1.673	-20	-20	No	8	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-104	0.04624	1	13	No	6	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-105	-5.342	-5	-13	No	6	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-106	-2.252	-16	-23	No	9	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-107	-0.6056	0	23	No	9	0	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	**MW-29**	**0.9643**	**97**	**53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Chlorobenzene (ug/L)	MW-30R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chlorobenzene (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-58	0.2124	40	53	No	16	0	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-57R	0	6	31	No	11	90.91	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-29	0	-30	-53	No	16	56.25	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-30R	0	13	53	No	16	87.5	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-56	0	16	53	No	16	81.25	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-58	0	-4	-53	No	16	25	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
Chromium (mg/L)	GU-3A	0	0	53	No	16	81.25	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-23 (bg)	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-24R (bg)	0	0	44	No	14	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-28	0	-5	-53	No	16	93.75	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-29	0	-3	-53	No	16	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-30R	0	-1	-53	No	16	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-31R	0	-7	-53	No	16	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-32R	0	10	53	No	16	81.25	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-33R	0	-13	-53	No	16	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-58	0	-7	-53	No	16	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-57R	0	17	31	No	11	81.82	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-73	0	8	31	No	11	90.91	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
cis-1,2-Dichloroethene (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	**MW-14R**	**1.267**	**92**	**53**	**Yes**	**16**	**6.25**	**n/a**	**n/a**	**0.02**	**NP**
cis-1,2-Dichloroethene (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-29	-0.1802	-30	-53	No	16	0	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	**MW-30R**	**-2.57**	**-61**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
cis-1,2-Dichloroethene (ug/L)	MW-31R	0	-11	-53	No	16	93.75	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-56	0	21	53	No	16	87.5	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-58	0	3	53	No	16	93.75	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-68	-0.1101	-28	-35	No	12	0	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	**MW-69**	**-0.9809**	**-53**	**-44**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.02**	**NP**
cis-1,2-Dichloroethene (ug/L)	MW-70	0	0	31	No	11	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	PZ-13	0.0002798	7	44	No	14	28.57	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-57R	0.2454	9	31	No	11	36.36	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-73	0	0	31	No	11	90.91	n/a	n/a	0.02	NP
Cobalt (mg/L)	GU-3A	0.00001781	12	53	No	16	25	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-14R	0.00002335	47	53	No	16	43.75	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-18	-0.0001152	-52	-53	No	16	18.75	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-19	0	4	53	No	16	75	n/a	n/a	0.02	NP
Cobalt (mg/L)	**MW-23 (bg)**	**-0.00009965**	**-60**	**-53**	**Yes**	**16**	**25**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (mg/L)	MW-24R (bg)	0	7	53	No	16	87.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-28	-0.00001556	-45	-53	No	16	25	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-29	0.0002317	6	53	No	16	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-30R	0.0000225	5	53	No	16	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-31R	0.00001703	15	53	No	16	12.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-32R	-0.0000346	-17	-53	No	16	12.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	**MW-33R**	**-0.0002455**	**-63**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (mg/L)	MW-39	-0.0003317	-17	-53	No	16	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-55	0	-9	-53	No	16	68.75	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-56	0.0001374	10	53	No	16	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	**MW-58**	**-0.0003452**	**-72**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (mg/L)	MW-60	0	-9	-27	No	10	90	n/a	n/a	0.02	NP
Cobalt (mg/L)	PZ-13	0.000005132	28	31	No	11	63.64	n/a	n/a	0.02	NP
Cobalt (mg/L)	SW-101	-0.00001244	-8	-17	No	7	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	SW-102	-0.00001351	-5	-17	No	7	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	SW-103	-0.0001223	-18	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	SW-106	-0.000154	-13	-23	No	9	11.11	n/a	n/a	0.02	NP
Cobalt (mg/L)	SW-107	-0.00002428	-8	-23	No	9	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-57R	-0.001728	-3	-31	No	11	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-73	-0.000261	-17	-27	No	10	0	n/a	n/a	0.02	NP
Copper (mg/L)	GU-3A	0	10	53	No	16	81.25	n/a	n/a	0.02	NP
Copper (mg/L)	MW-14R	0	5	53	No	16	93.75	n/a	n/a	0.02	NP
Copper (mg/L)	MW-18	0	10	53	No	16	81.25	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Copper (mg/L)	MW-19	0	-12	-53	No	16	75	n/a	n/a	0.02	NP
Copper (mg/L)	MW-23 (bg)	0	9	53	No	16	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-24R (bg)	0	-7	-53	No	16	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-28	0	5	53	No	16	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-29	0	21	53	No	16	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-30R	0	11	53	No	16	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-31R	0	17	53	No	16	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-32R	0	-7	-53	No	16	68.75	n/a	n/a	0.02	NP
Copper (mg/L)	MW-33R	0	-2	-53	No	16	31.25	n/a	n/a	0.02	NP
Copper (mg/L)	MW-39	0	17	53	No	16	81.25	n/a	n/a	0.02	NP
Copper (mg/L)	MW-55	0	10	53	No	16	81.25	n/a	n/a	0.02	NP
Copper (mg/L)	MW-56	0	-2	-53	No	16	56.25	n/a	n/a	0.02	NP
Copper (mg/L)	MW-58	0	19	53	No	16	62.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-57R	0.00005381	9	27	No	10	0	n/a	n/a	0.02	NP
Copper (mg/L)	MW-73	-0.0004881	-12	-31	No	11	18.18	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-29	0	4	10	No	5	80	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-31R	0	5	17	No	7	71.43	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-55	0	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-58	0	5	13	No	6	66.67	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-14R	-0.01014	-5	-17	No	7	14.29	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-18	0	0	8	No	4	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-29	0	0	8	No	4	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-30R	-0.07541	-12	-20	No	8	50	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-56	0	6	53	No	16	75	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-58	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-14R	0.002456	13	17	No	7	57.14	n/a	n/a	0.02	NP
Endosulfan I (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-29	0	11	23	No	9	66.67	n/a	n/a	0.02	NP
Endosulfan I (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endosulfan I (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Endosulfan I (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-56	0.002216	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-58	0	3	13	No	6	66.67	n/a	n/a	0.02	NP
Endosulfan I (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-14R	0	0	13	No	6	100	n/a	n/a	0.02	NP
Endosulfan II (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-29	0	-15	-27	No	10	80	n/a	n/a	0.02	NP
Endosulfan II (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endosulfan II (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-55	0	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-58	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Ethylbenzene (ug/L)	GU-3A	0	-5	-53	No	16	93.75	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-29	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-30R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
Gamma-BHC [Lindane] (ug/L)	MW-14R	0	0	13	No	6	100	n/a	n/a	0.02	NP
Gamma-BHC [Lindane] (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-29	0	-3	-13	No	6	66.67	n/a	n/a	0.02	NP
Gamma-BHC [Lindane] (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Gamma-BHC [Lindane] (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Gamma-BHC [Lindane] (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-33R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Gamma-BHC [Lindane] (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-58	0	0	13	No	6	100	n/a	n/a	0.02	NP
Gamma-BHC [Lindane] (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-18	0.001533	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-29	0.001339	11	17	No	7	71.43	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-58	0	0	13	No	6	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-28	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-29	0.001579	12	17	No	7	42.86	n/a	n/a	0.02	NP
Heptachlor Epoxide (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Heptachlor Epoxide (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-58	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Iron, Dissolved (mg/L)	SW-101	0	0	23	No	9	88.89	n/a	n/a	0.02	NP
Iron, Dissolved (mg/L)	SW-102	0	0	20	No	8	100	n/a	n/a	0.02	NP
Iron, Dissolved (mg/L)	SW-103	0	6	23	No	9	88.89	n/a	n/a	0.02	NP
Iron, Dissolved (mg/L)	SW-104	0	1	13	No	6	83.33	n/a	n/a	0.02	NP
Iron, Dissolved (mg/L)	SW-105	0	1	13	No	6	83.33	n/a	n/a	0.02	NP
Iron, Dissolved (mg/L)	SW-106	0	0	23	No	9	88.89	n/a	n/a	0.02	NP
Iron, Dissolved (mg/L)	SW-107	0	0	23	No	9	100	n/a	n/a	0.02	NP
Lead (mg/L)	GU-3A	0	-16	-53	No	16	75	n/a	n/a	0.02	NP
Lead (mg/L)	MW-14R	0	10	53	No	16	81.25	n/a	n/a	0.02	NP
Lead (mg/L)	MW-18	0	-12	-53	No	16	81.25	n/a	n/a	0.02	NP
Lead (mg/L)	MW-19	0	-10	-53	No	16	81.25	n/a	n/a	0.02	NP
Lead (mg/L)	MW-23 (bg)	0	8	53	No	16	81.25	n/a	n/a	0.02	NP
Lead (mg/L)	MW-24R (bg)	0	-5	-53	No	16	87.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-28	0	0	53	No	16	75	n/a	n/a	0.02	NP
Lead (mg/L)	MW-29	0	0	53	No	16	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Lead (mg/L)	MW-30R	-0.00004301	-29	-53	No	16	37.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-31R	0	10	53	No	16	75	n/a	n/a	0.02	NP
Lead (mg/L)	**MW-32R**	**-0.0001908**	**-55**	**-53**	**Yes**	**16**	**18.75**	**n/a**	**n/a**	**0.02**	**NP**
Lead (mg/L)	MW-33R	-0.000004712	-9	-53	No	16	25	n/a	n/a	0.02	NP
Lead (mg/L)	MW-39	0	7	53	No	16	93.75	n/a	n/a	0.02	NP
Lead (mg/L)	MW-55	0	-18	-53	No	16	75	n/a	n/a	0.02	NP
Lead (mg/L)	MW-56	0	-21	-53	No	16	68.75	n/a	n/a	0.02	NP
Lead (mg/L)	MW-58	-0.00001068	-30	-53	No	16	31.25	n/a	n/a	0.02	NP
Lead (mg/L)	MW-57R	0	0	31	No	11	18.18	n/a	n/a	0.02	NP
Lead (mg/L)	MW-73	-0.0004367	-23	-27	No	10	10	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-18	0	0	10	No	5	80	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-19	0	-1	-8	No	4	75	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-28	0	-1	-8	No	4	75	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-29	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-30R	-0.000005918	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-31R	-0.000001534	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-56	-0.000005889	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-58	-0.00000235	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Nickel (mg/L)	GU-3A	0.0003727	47	53	No	16	37.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-14R	0	13	53	No	16	93.75	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-18	-0.0001399	-28	-53	No	16	18.75	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-19	0	-3	-53	No	16	68.75	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-23 (bg)	-0.0001389	-16	-44	No	14	21.43	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-24R (bg)	0	9	35	No	12	91.67	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-28	0	5	53	No	16	93.75	n/a	n/a	0.02	NP
Nickel (mg/L)	**MW-29**	**-0.003969**	**-72**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Nickel (mg/L)	**MW-30R**	**-0.0007335**	**-63**	**-53**	**Yes**	**16**	**18.75**	**n/a**	**n/a**	**0.02**	**NP**
Nickel (mg/L)	MW-31R	0	11	53	No	16	93.75	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-32R	0	16	53	No	16	81.25	n/a	n/a	0.02	NP
Nickel (mg/L)	**MW-33R**	**-0.0006284**	**-57**	**-53**	**Yes**	**16**	**12.5**	**n/a**	**n/a**	**0.02**	**NP**
Nickel (mg/L)	**MW-39**	**-0.002067**	**-86**	**-53**	**Yes**	**16**	**6.25**	**n/a**	**n/a**	**0.02**	**NP**
Nickel (mg/L)	MW-55	-0.0005368	-50	-53	No	16	56.25	n/a	n/a	0.02	NP
Nickel (mg/L)	**MW-56**	**-0.001376**	**-66**	**-53**	**Yes**	**16**	**12.5**	**n/a**	**n/a**	**0.02**	**NP**
Nickel (mg/L)	MW-58	-0.001499	-30	-53	No	16	12.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-57R	-0.003035	-17	-31	No	11	0	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-73	-0.001991	-23	-31	No	11	0	n/a	n/a	0.02	NP
Nitrate as N (mg/L)	SW-105	0	0	13	No	6	50	n/a	n/a	0.02	NP
Nitrate as N (mg/L)	SW-107	0.3109	2	20	No	8	0	n/a	n/a	0.02	NP
Selenium (mg/L)	GU-3A	0	3	53	No	16	87.5	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-14R	0	5	53	No	16	93.75	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-18	0	9	53	No	16	93.75	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-19	0	9	53	No	16	93.75	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-23 (bg)	0	0	53	No	16	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-24R (bg)	0.000006035	38	48	No	15	46.67	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Selenium (mg/L)	MW-28	0	9	53	No	16	93.75	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-29	0	0	53	No	16	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-30R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-33R	0	1	53	No	16	93.75	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-39	0	-9	-53	No	16	93.75	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-56	0	3	53	No	16	87.5	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-58	0	-1	-53	No	16	87.5	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-73	0	0	27	No	10	100	n/a	n/a	0.02	NP
Silver (mg/L)	GU-3A	0	5	53	No	16	93.75	n/a	n/a	0.02	NP
Silver (mg/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-23 (bg)	0	0	53	No	16	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-24R (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-29	0	0	53	No	16	81.25	n/a	n/a	0.02	NP
Silver (mg/L)	MW-30R	0	3	53	No	16	93.75	n/a	n/a	0.02	NP
Silver (mg/L)	MW-31R	0	-3	-53	No	16	93.75	n/a	n/a	0.02	NP
Silver (mg/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-39	0	-9	-53	No	16	93.75	n/a	n/a	0.02	NP
Silver (mg/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-56	0	7	53	No	16	93.75	n/a	n/a	0.02	NP
Silver (mg/L)	MW-58	0	-5	-53	No	16	93.75	n/a	n/a	0.02	NP
Silver (mg/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-14R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-18	0	-10	-31	No	11	90.91	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-23 (bg)	0.3235	3	8	No	4	75	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-24R (bg)	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-29	0	2	31	No	11	90.91	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-30R	0	-1	-17	No	7	57.14	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-31R	0	-7	-17	No	7	71.43	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-32R	0	-4	-17	No	7	85.71	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-55	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-58	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Tetrachloroethene (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-18	0	15	53	No	16	93.75	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Tetrachloroethene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-29	0	0	53	No	16	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-30R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-68	0	-12	-39	No	13	92.31	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-69	0	-26	-44	No	14	78.57	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-70	0	0	31	No	11	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	PZ-13	0	0	44	No	14	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
Thallium (mg/L)	GU-3A	0	6	53	No	16	81.25	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-18	0	11	53	No	16	93.75	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-19	0	13	53	No	16	87.5	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-23 (bg)	0	0	53	No	16	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-24R (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-28	0	11	53	No	16	93.75	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-29	0	0	53	No	16	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-30R	0	-9	-53	No	16	93.75	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-32R	0	7	53	No	16	93.75	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-73	0	0	31	No	11	90.91	n/a	n/a	0.02	NP
Tin (mg/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-18	0	0	8	No	4	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-24R (bg)	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-29	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-30R	0	-11	-20	No	8	75	n/a	n/a	0.02	NP
Tin (mg/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-33R	0	-10	-31	No	11	90.91	n/a	n/a	0.02	NP
Tin (mg/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-55	0	-11	-53	No	16	93.75	n/a	n/a	0.02	NP
Tin (mg/L)	MW-56	0	0	17	No	7	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-58	0	0	8	No	4	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Tin (mg/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	GU-3A	0	-22	-53	No	16	75	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-29	0	26	53	No	16	68.75	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-30R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-55	0	3	53	No	16	93.75	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Toluene (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-14R	0.06067	19	31	No	11	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-24R (bg)	0.03422	6	23	No	9	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-29	0.04758	2	35	No	12	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-30R	0.04687	10	31	No	11	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-31R	-0.01024	-10	-31	No	11	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-32R	-0.06781	-14	-35	No	12	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-33R	0.07897	32	35	No	12	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-70	0.1396	31	44	No	14	7.143	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-57R	-0.425	-19	-27	No	10	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-73	0.1567	11	31	No	11	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	GU-3A	-6.994	-24	-35	No	12	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-14R	0.16	23	44	No	14	28.57	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-18	-0.1843	-33	-48	No	15	20	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-19	-0.1317	-31	-39	No	13	15.38	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-23 (bg)	0	0	35	No	12	41.67	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-24R (bg)	-0.3381	-33	-35	No	12	16.67	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-28	0.1514	23	44	No	14	7.143	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-29	-1.733	-31	-48	No	15	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-30R	-5.507	-42	-48	No	15	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-31R	-1.278	-26	-39	No	13	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-32R	0.1761	1	44	No	14	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-33R	-3.156	-13	-44	No	14	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-39	-0.5067	-41	-44	No	14	28.57	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-55	-0.3466	-28	-44	No	14	14.29	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-56	-1.337	-11	-31	No	11	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-58	-0.916	-8	-35	No	12	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-60	-0.05372	-3	-27	No	10	10	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Total Suspended Solids (mg/L)	MW-62	-0.1686	-4	-23	No	9	11.11	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-68	0.682	17	31	No	11	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-69	1.094	27	31	No	11	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-70	-0.4867	-29	-44	No	14	14.29	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	PZ-13	0	-22	-44	No	14	64.29	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	SW-101	1.133	11	17	No	7	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	SW-102	2.952	5	17	No	7	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	SW-103	-7.262	-19	-20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	SW-106	-7.923	-12	-23	No	9	11.11	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	SW-107	-0.06842	0	20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-57R	5.984	12	31	No	11	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-73	-15.42	-23	-31	No	11	0	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-14R	0	15	53	No	16	93.75	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	**MW-29**	**-0.0308**	**-54**	**-53**	**Yes**	**16**	**6.25**	**n/a**	**n/a**	**0.02**	**NP**
trans-1,2-Dichloroethene (ug/L)	**MW-30R**	**-0.06065**	**-60**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
trans-1,2-Dichloroethene (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-56	0	6	53	No	16	37.5	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-68	-0.01108	-22	-35	No	12	41.67	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-69	0.005127	29	39	No	13	53.85	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-70	0	0	27	No	10	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	PZ-13	0	0	39	No	13	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-57R	0.1555	26	31	No	11	27.27	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-73	0	-19	-31	No	11	81.82	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-14R	0.1925	26	53	No	16	0	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	**MW-29**	**-0.3726**	**-91**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Trichloroethene (ug/L)	MW-30R	-0.08117	-39	-53	No	16	0	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Trichloroethene (ug/L)	**MW-68**	**-0.01211**	**-49**	**-39**	**Yes**	**13**	**53.85**	**n/a**	**n/a**	**0.02**	**NP**
Trichloroethene (ug/L)	**MW-69**	**-0.05966**	**-49**	**-44**	**Yes**	**14**	**57.14**	**n/a**	**n/a**	**0.02**	**NP**
Trichloroethene (ug/L)	MW-70	0	0	31	No	11	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	PZ-13	0	-26	-44	No	14	71.43	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-57R	0.05507	22	31	No	11	54.55	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	GU-3A	0	-9	-53	No	16	62.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-14R	0	-5	-53	No	16	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-19	0	5	53	No	16	93.75	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-23 (bg)	0	1	53	No	16	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-24R (bg)	0	2	48	No	15	66.67	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-29	0	1	53	No	16	93.75	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-30R	-0.00007221	-24	-53	No	16	25	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-31R	0	9	53	No	16	68.75	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-32R	0.0001014	49	53	No	16	37.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-33R	-0.00001641	-11	-53	No	16	18.75	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-39	0	-1	-53	No	16	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-56	0	6	53	No	16	81.25	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-58	0	-4	-53	No	16	81.25	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-57R	0.0002897	19	31	No	11	0	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-73	-0.00005609	-8	-31	No	11	18.18	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	**MW-14R**	**0.08498**	**60**	**53**	**Yes**	**16**	**50**	**n/a**	**n/a**	**0.02**	**NP**
Vinyl Chloride (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-29	-0.09364	-34	-53	No	16	0	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	**MW-30R**	**-0.2696**	**-58**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Vinyl Chloride (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-68	-0.009367	-30	-39	No	13	38.46	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	**MW-69**	**0.1193**	**48**	**44**	**Yes**	**14**	**14.29**	**n/a**	**n/a**	**0.02**	**NP**
Vinyl Chloride (ug/L)	MW-70	0	0	31	No	11	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	PZ-13	0	0	44	No	14	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-57R	0.112	17	31	No	11	9.091	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-73	-0.04904	-16	-31	No	11	54.55	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	GU-3A	0	6	53	No	16	81.25	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

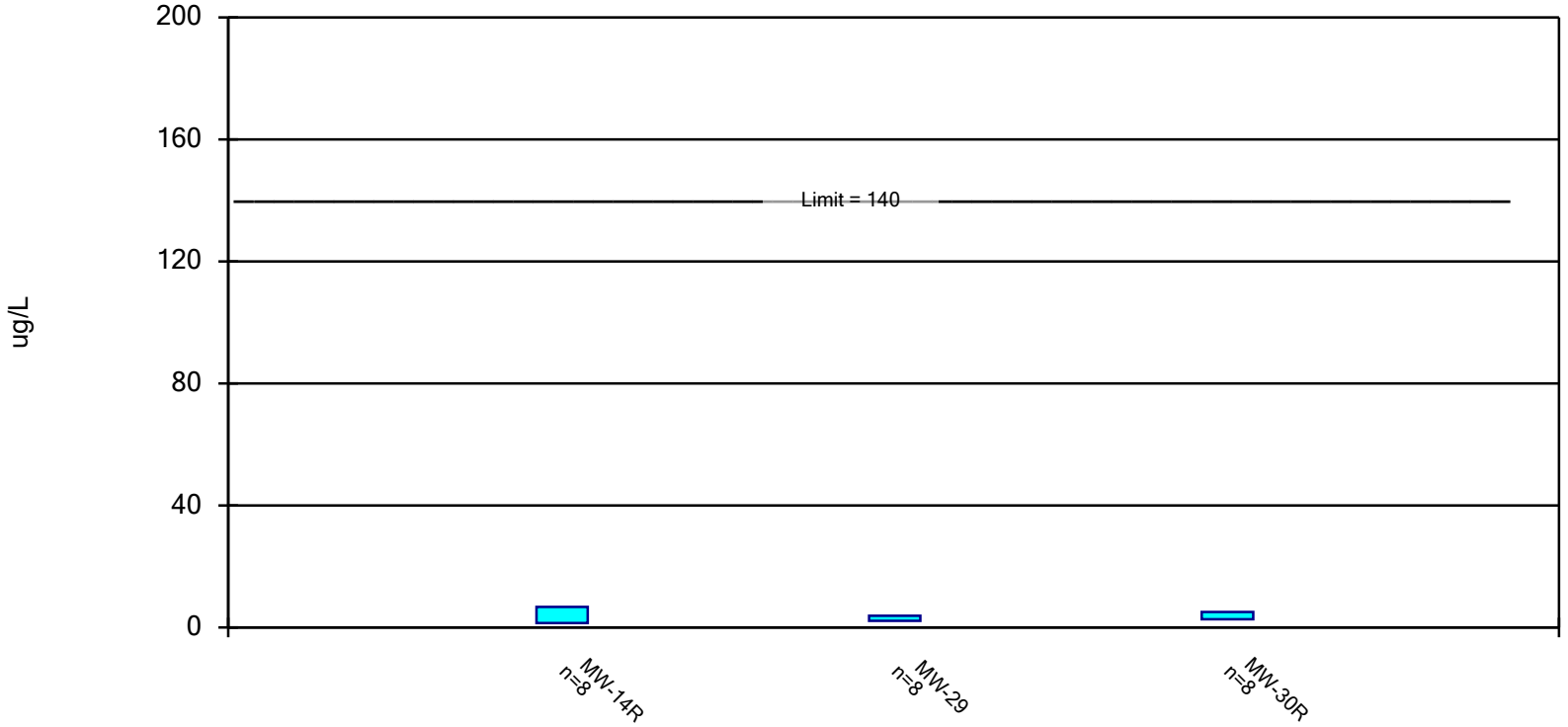
Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Xylenes, total (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-29	0	0	53	No	16	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-30R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
Zinc (mg/L)	GU-3A	0	8	53	No	16	31.25	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-14R	0	1	53	No	16	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-18	0	4	53	No	16	75	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-19	0	-14	-53	No	16	81.25	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-23 (bg)	0	-28	-53	No	16	81.25	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-24R (bg)	0	-15	-53	No	16	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-28	0	-8	-53	No	16	81.25	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-29	0	-51	-53	No	16	68.75	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-30R	0	-12	-53	No	16	75	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-31R	0	-16	-53	No	16	75	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-32R	0	-36	-53	No	16	75	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-33R	0	-20	-53	No	16	75	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-39	0	-27	-53	No	16	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-55	0	-21	-53	No	16	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-56	-0.0002125	-36	-53	No	16	56.25	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-58	-0.001707	-51	-53	No	16	12.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-57R	0	6	31	No	11	63.64	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-73	0	5	31	No	11	36.36	n/a	n/a	0.02	NP

This page intentionally left blank.

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



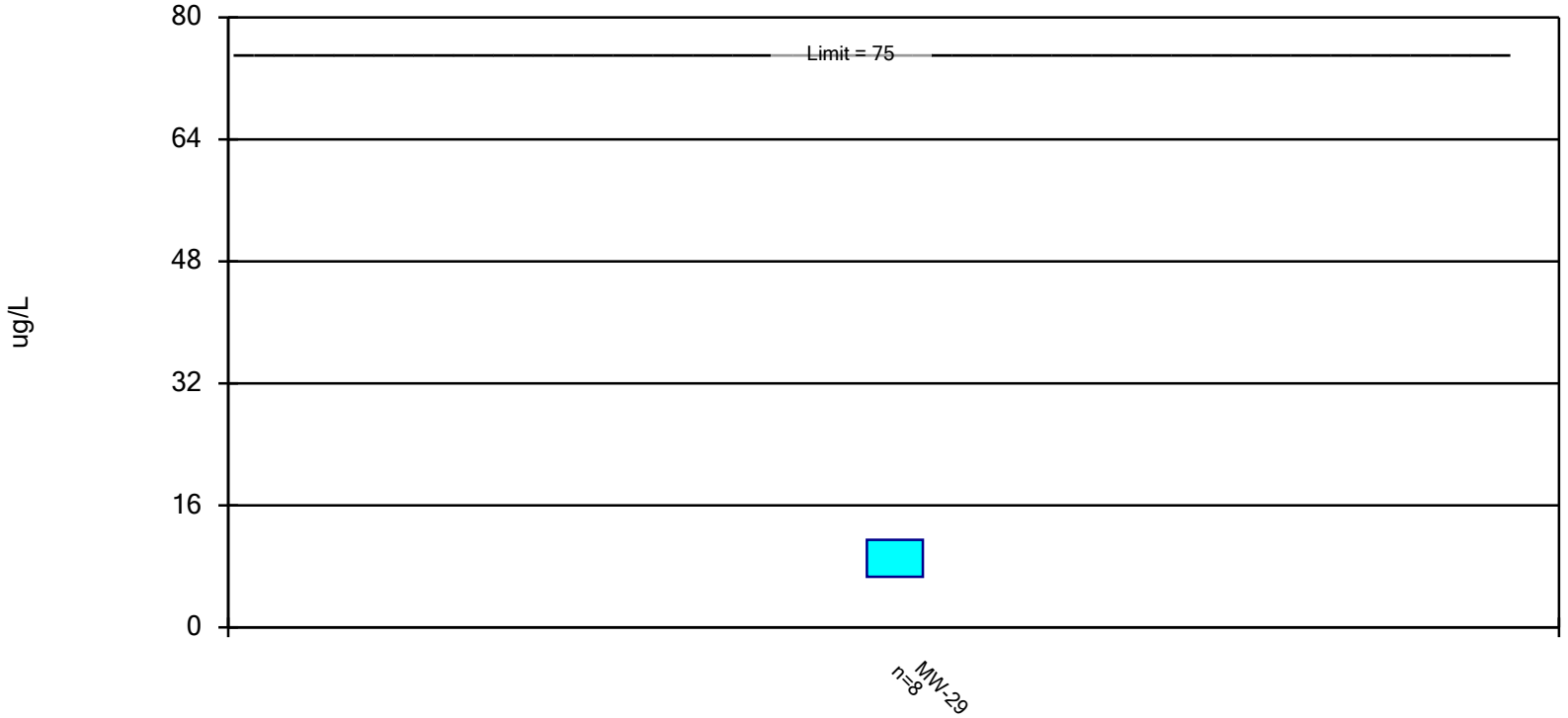
Constituent: 1,1-Dichloroethane Analysis Run 5/21/2026 4:15 PM View: 5_CIs

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



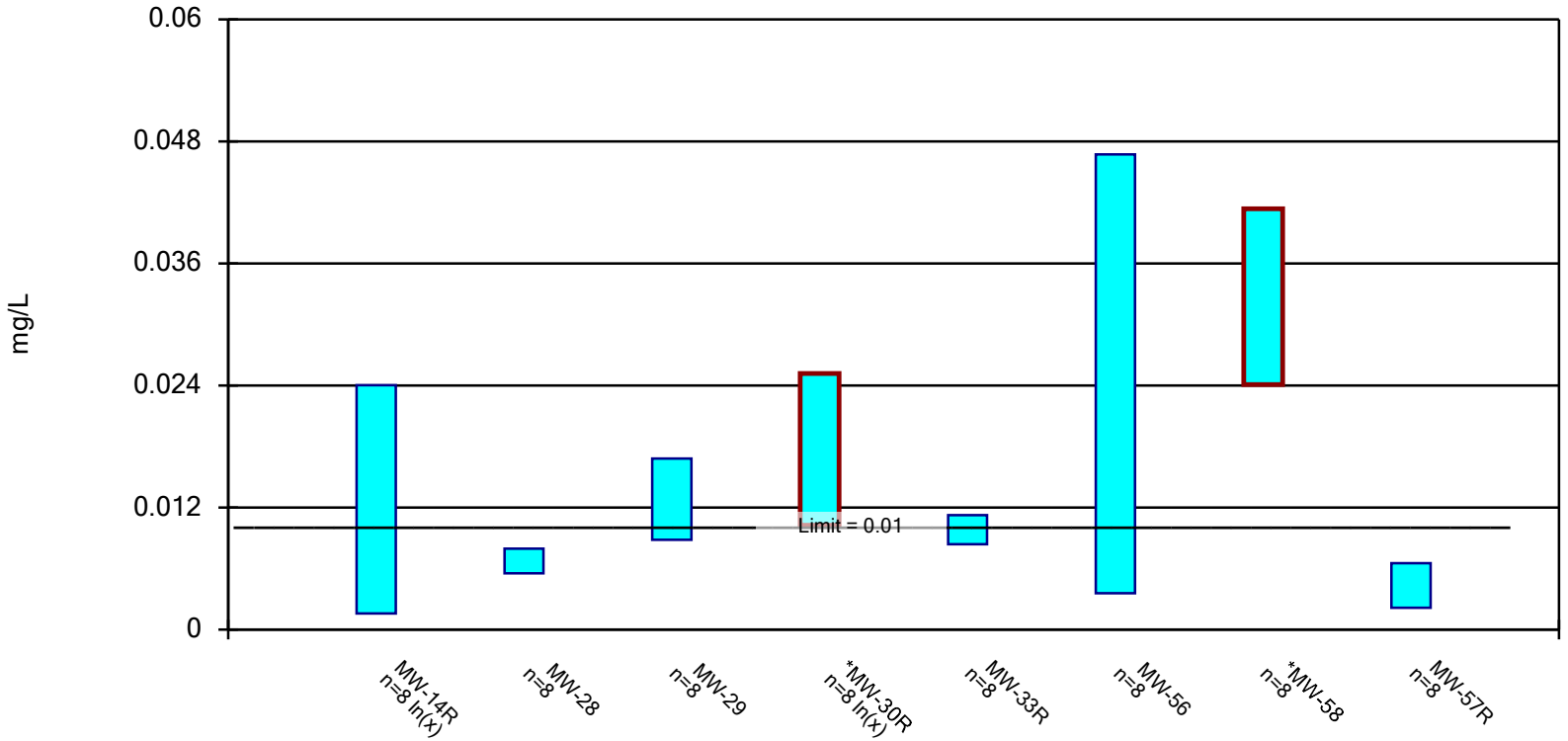
Constituent: 1,4-Dichlorobenzene Analysis Run 5/21/2026 4:15 PM View: 5_CIs

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Parametric Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



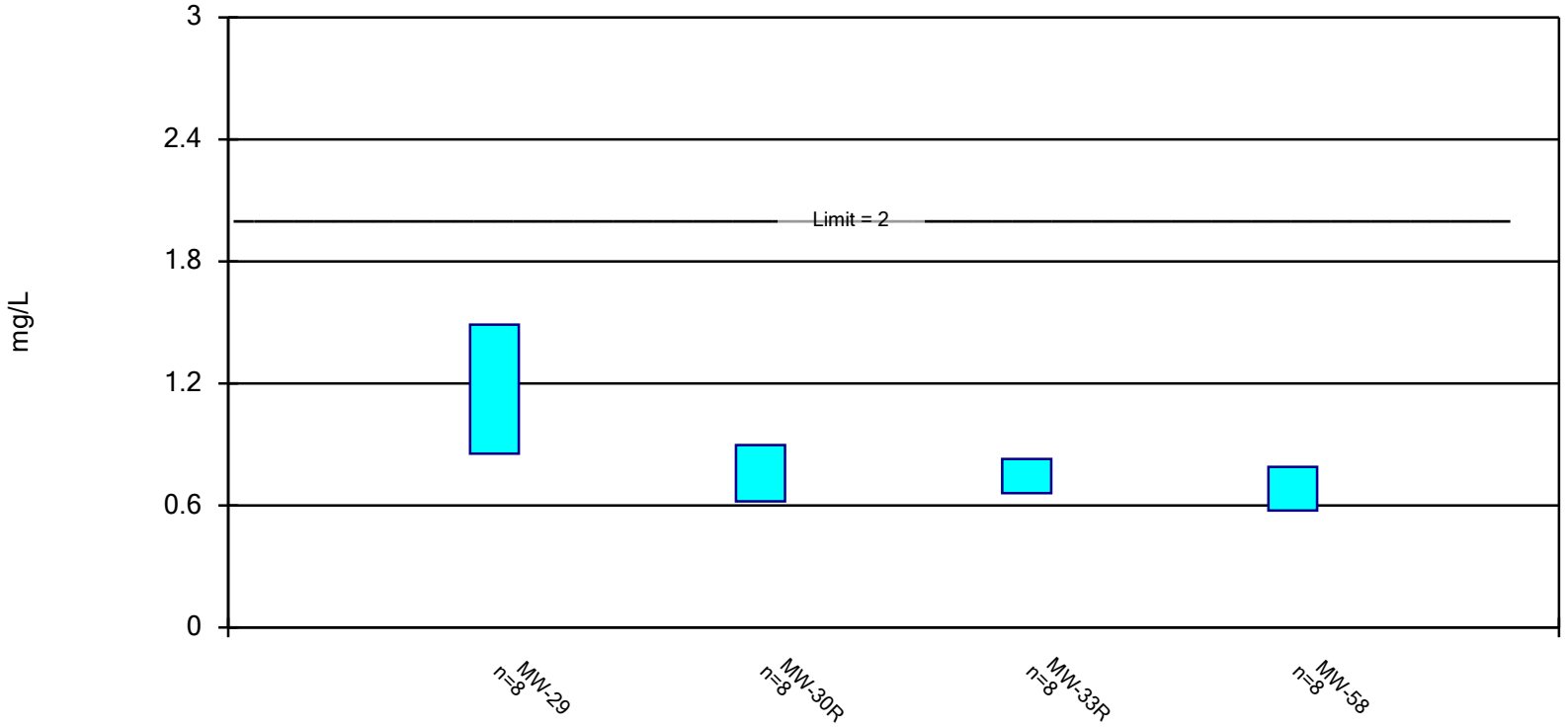
Constituent: Arsenic Analysis Run 5/21/2026 4:15 PM View: 5_CIs

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



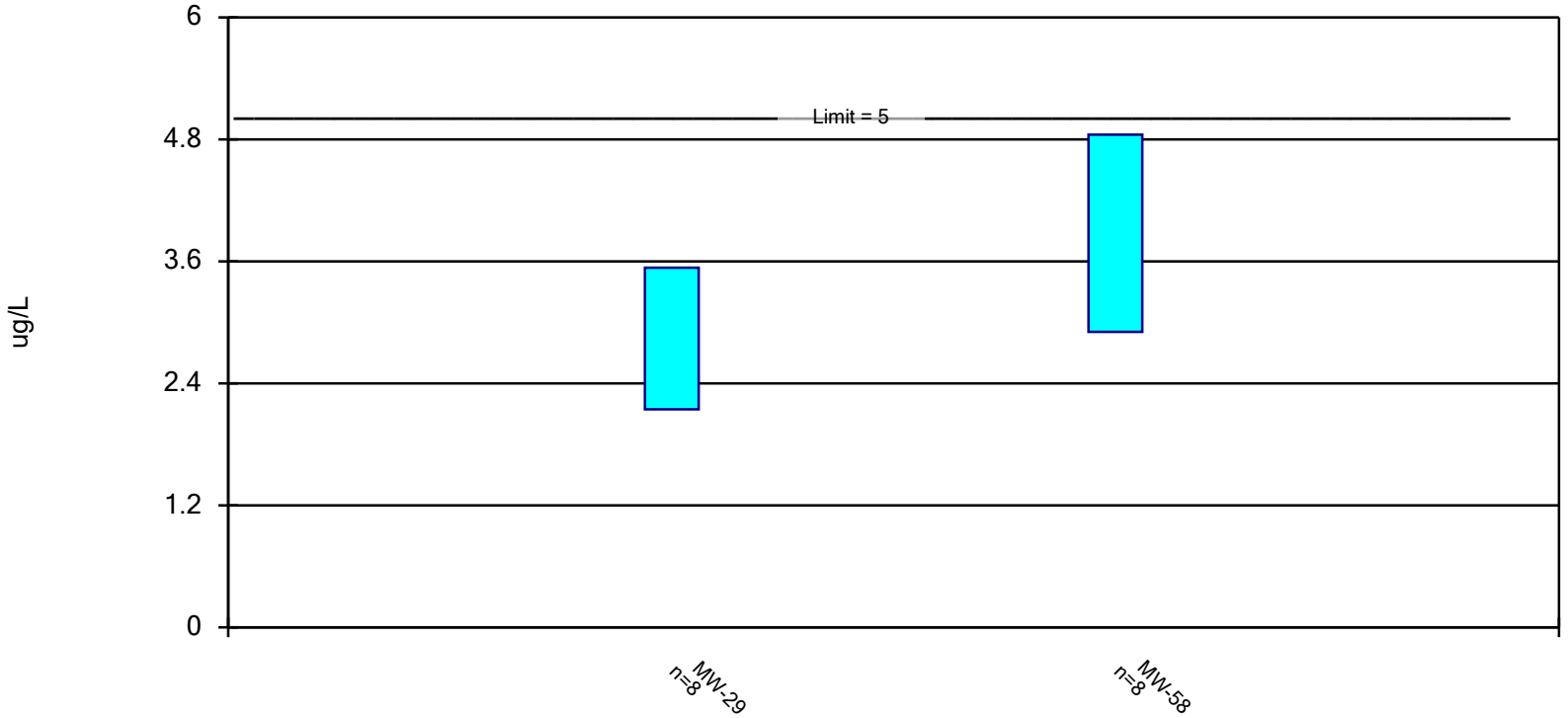
Constituent: Barium Analysis Run 5/21/2026 4:15 PM View: 5_CIs

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



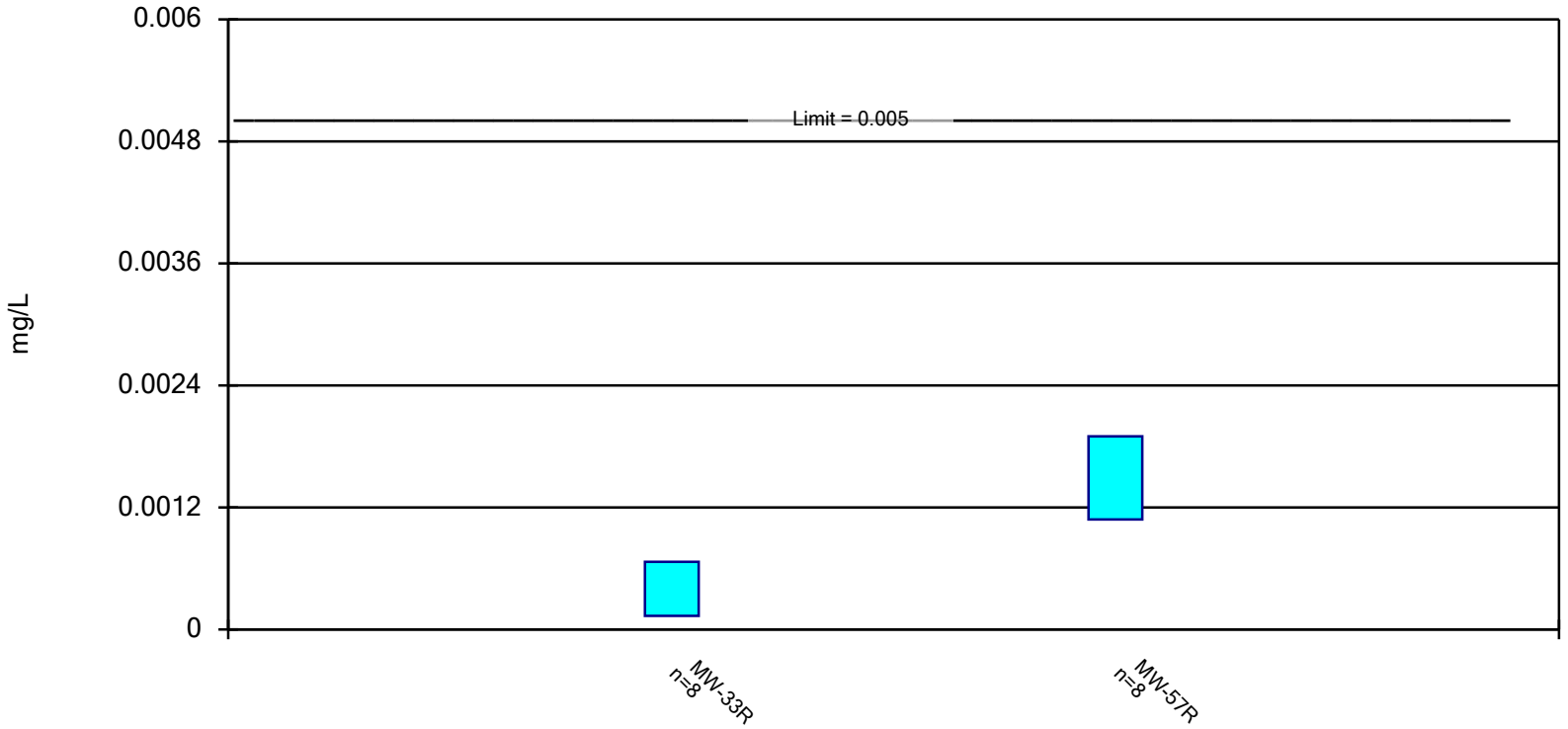
Constituent: Benzene Analysis Run 5/21/2026 4:15 PM View: 5_CIs

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



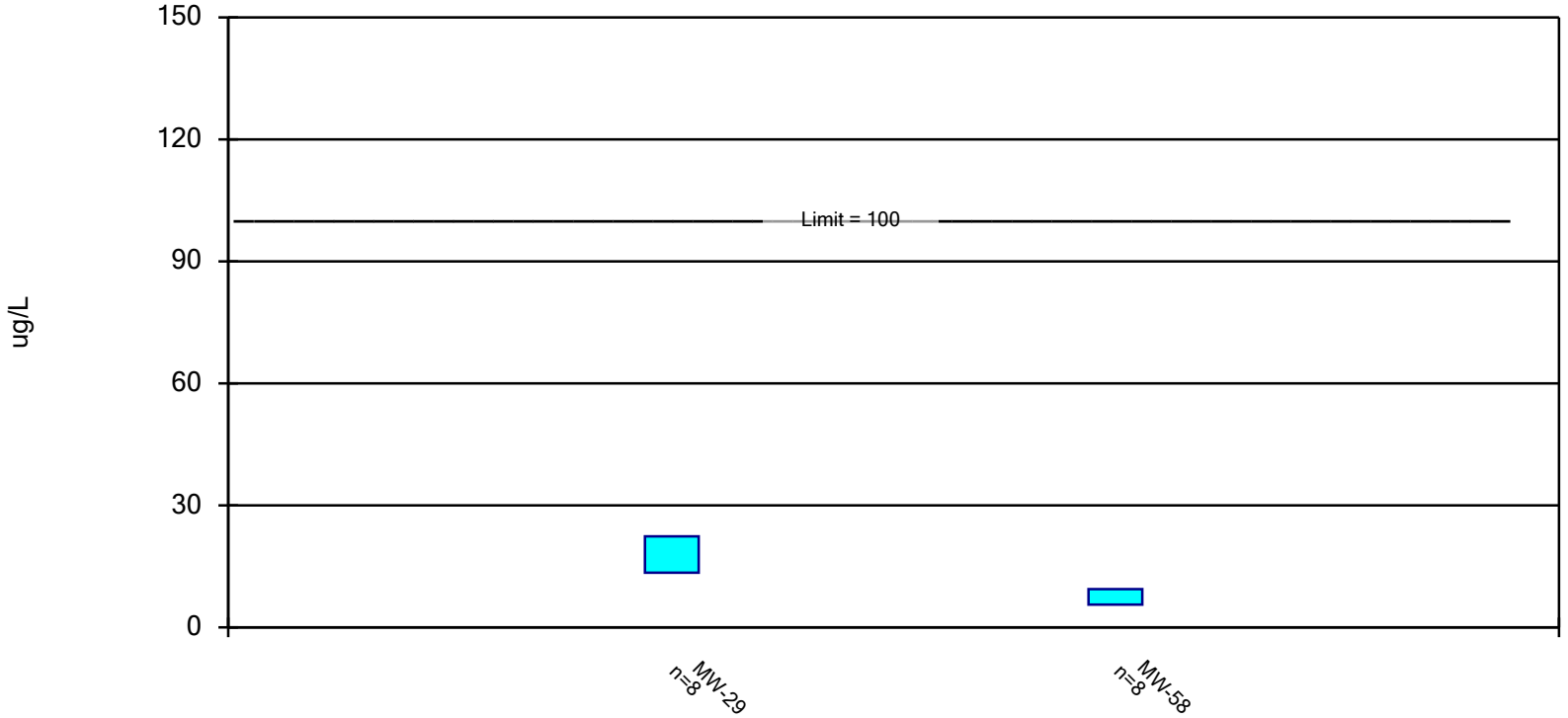
Constituent: Cadmium Analysis Run 5/21/2026 4:15 PM View: 5_CIs

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



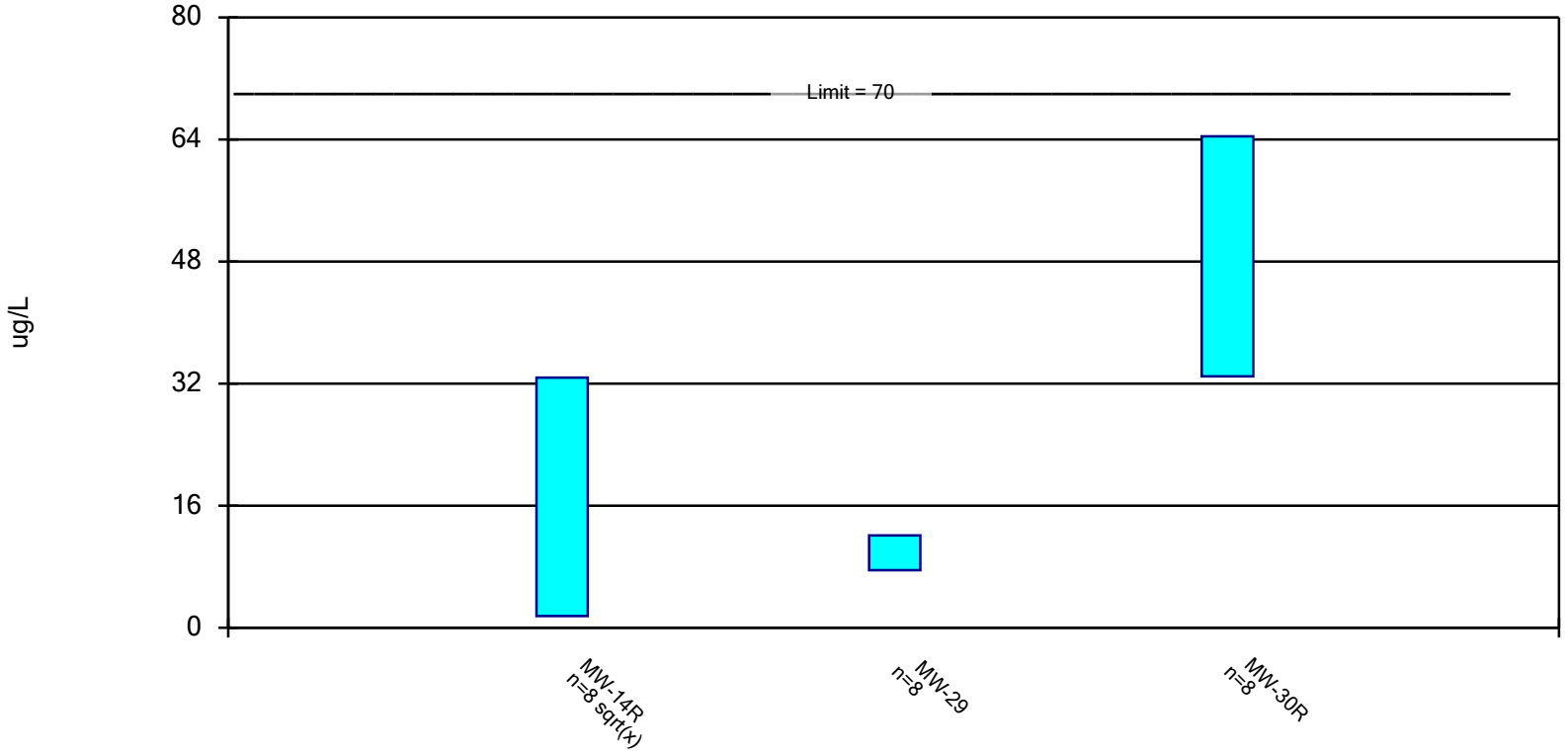
Constituent: Chlorobenzene Analysis Run 5/21/2026 4:15 PM View: 5_CIs

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



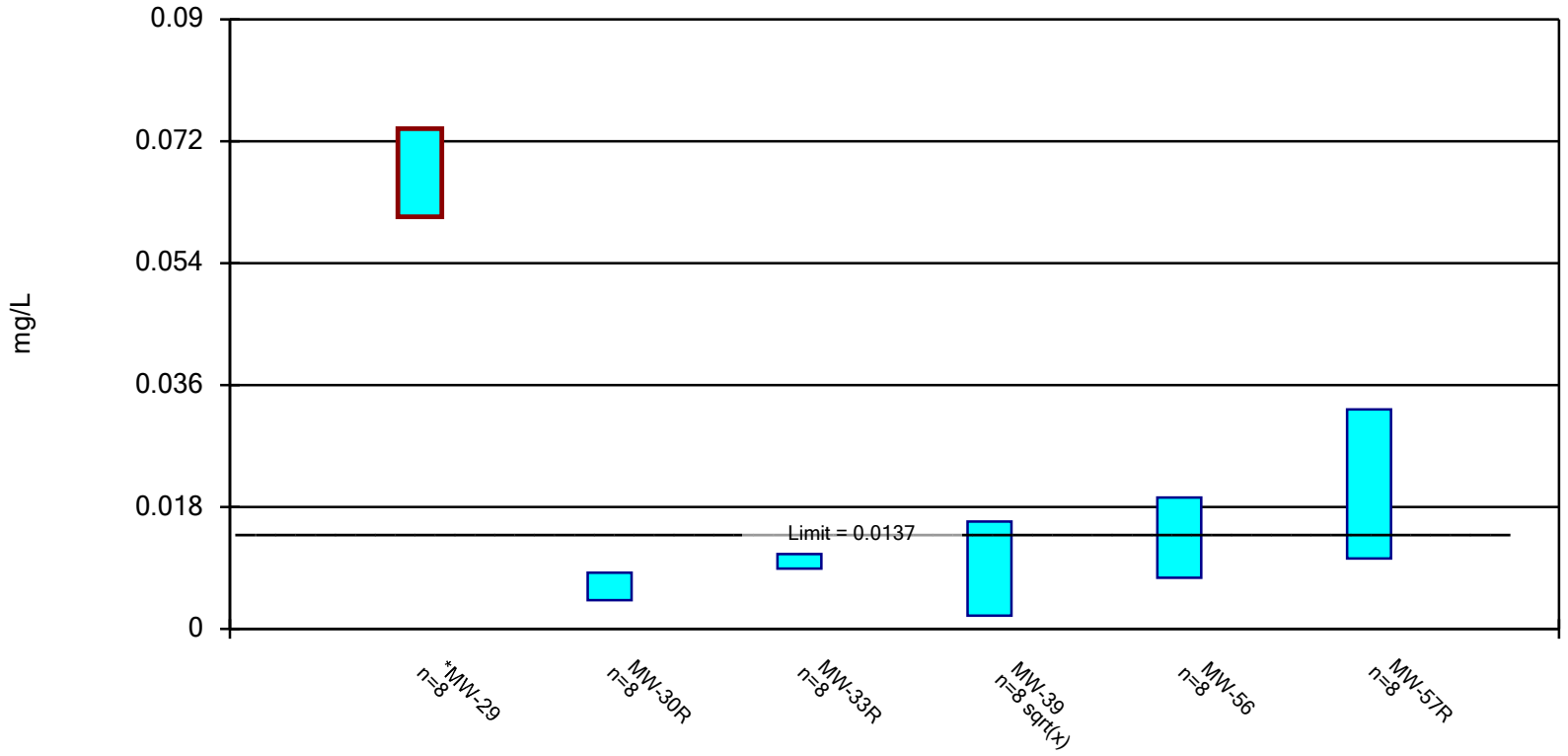
Constituent: cis-1,2-Dichloroethene Analysis Run 5/21/2026 4:15 PM View: 5_CIs

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Parametric Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



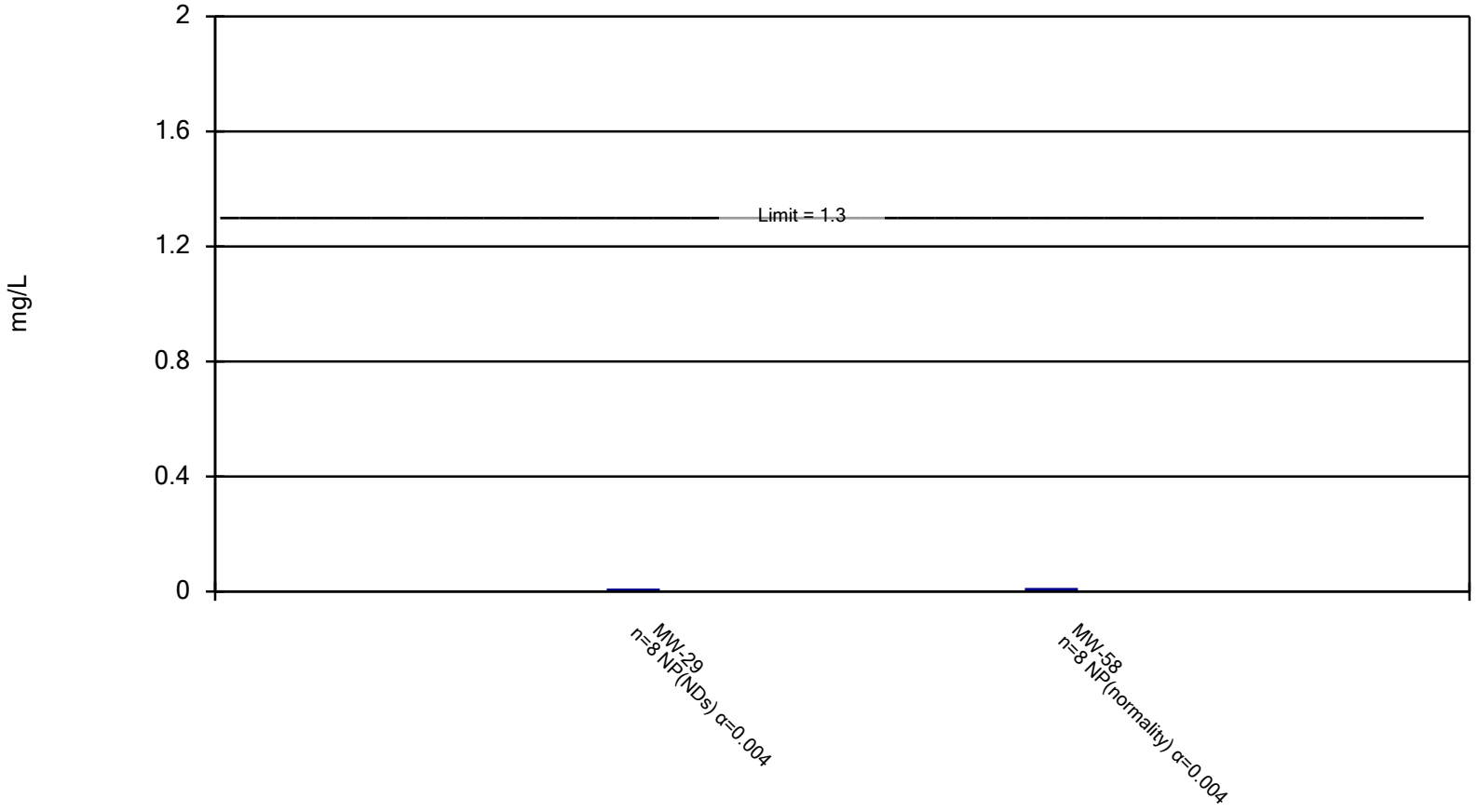
Constituent: Cobalt Analysis Run 5/21/2026 4:15 PM View: 5_CIs

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.



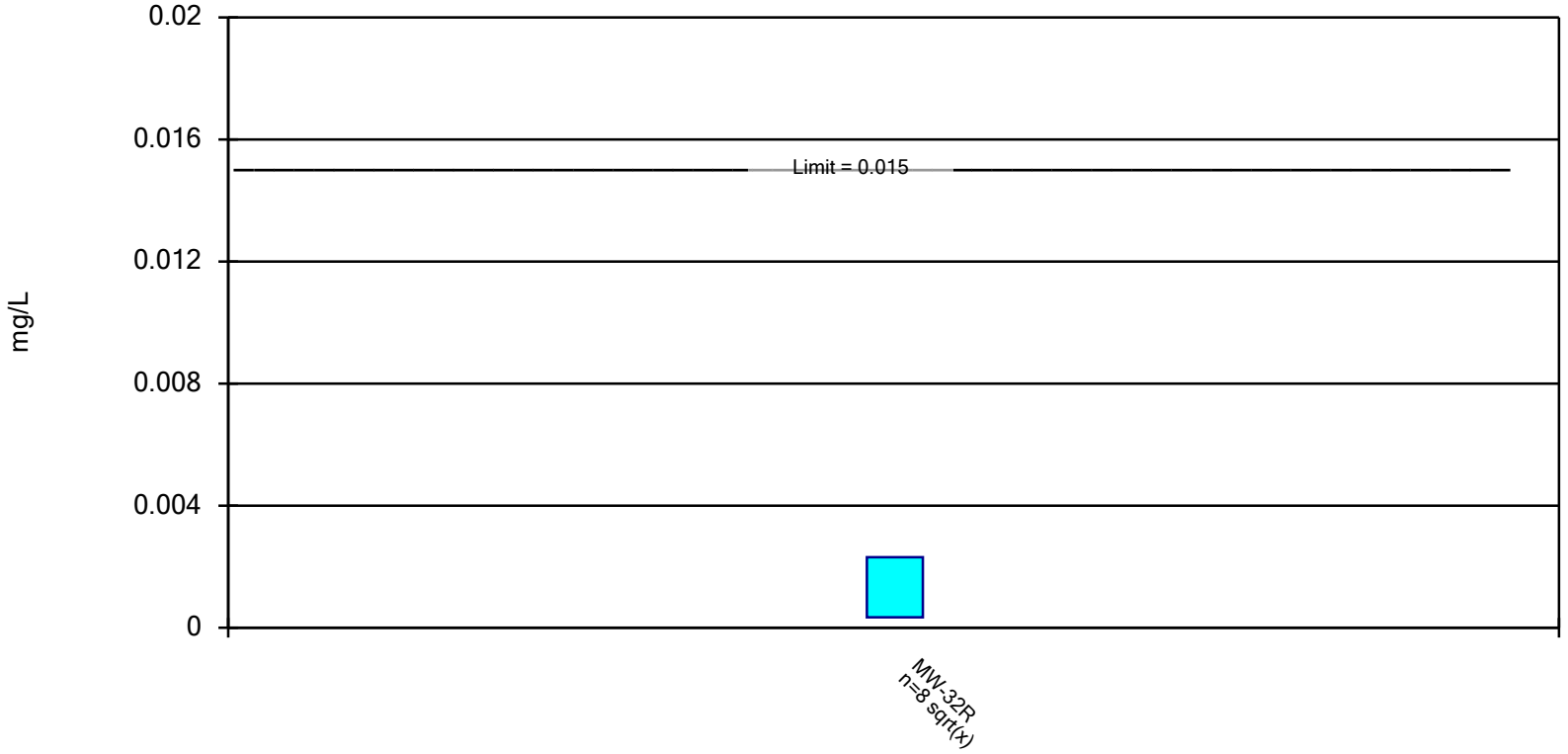
Constituent: Copper Analysis Run 5/21/2026 4:15 PM View: 5_CIs

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



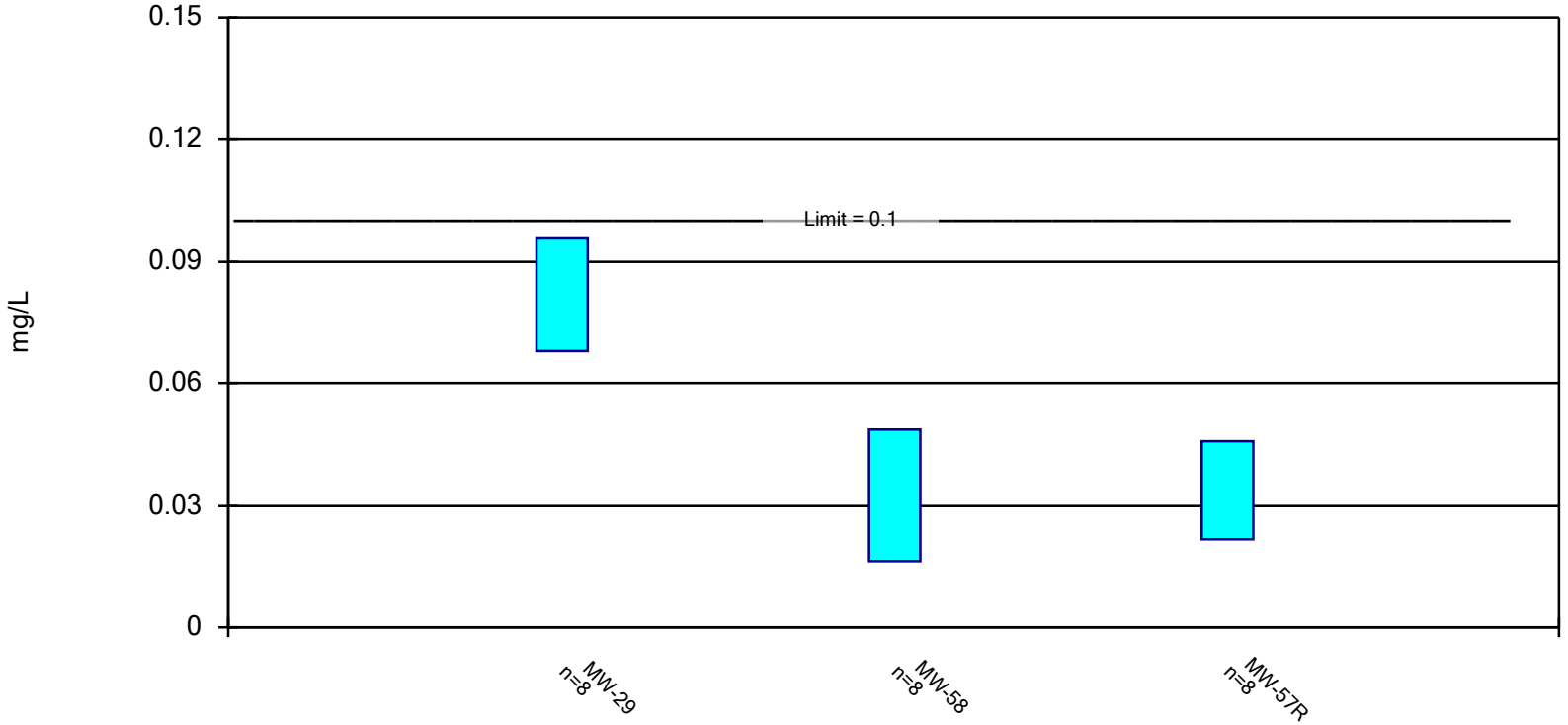
Constituent: Lead Analysis Run 5/21/2026 4:15 PM View: 5_CIs

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



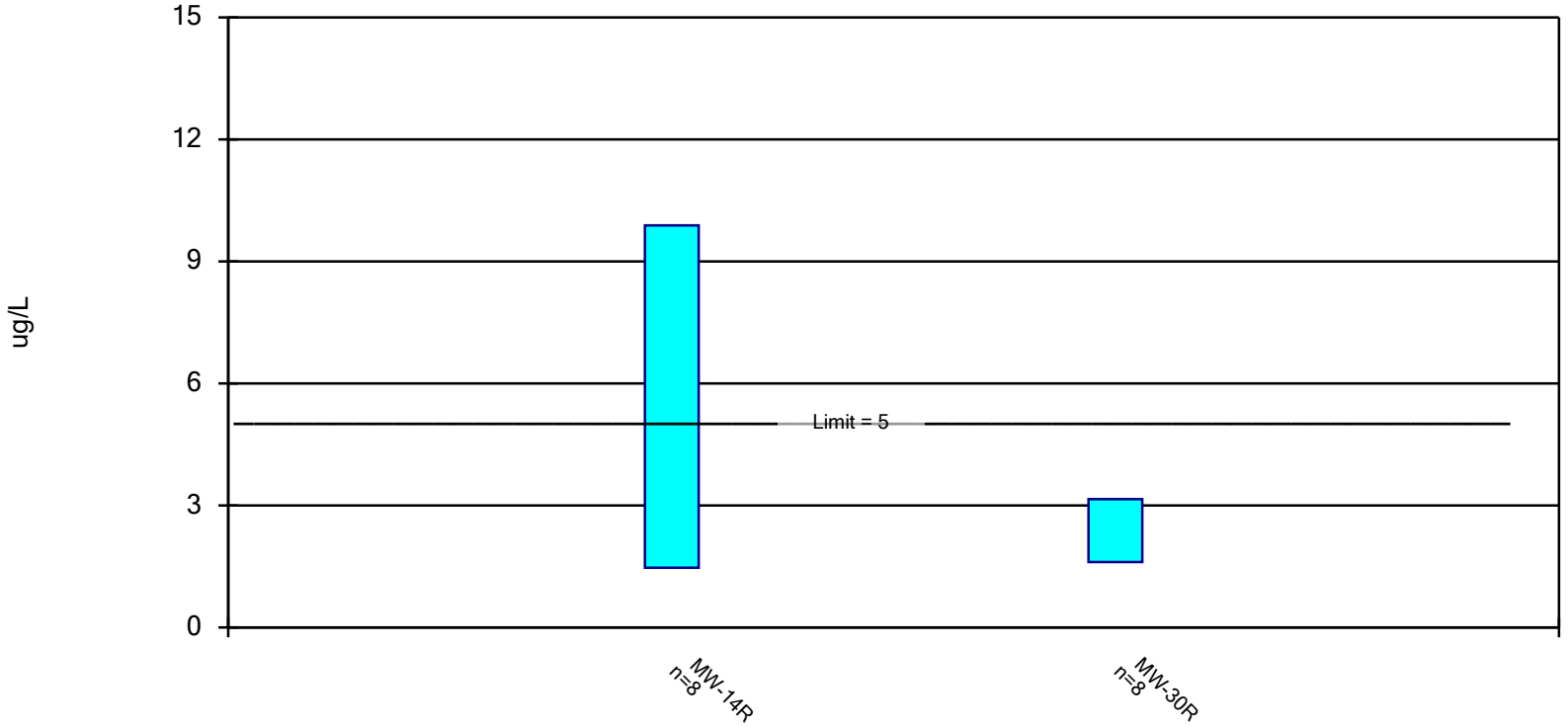
Constituent: Nickel Analysis Run 5/21/2026 4:15 PM View: 5_CIs

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



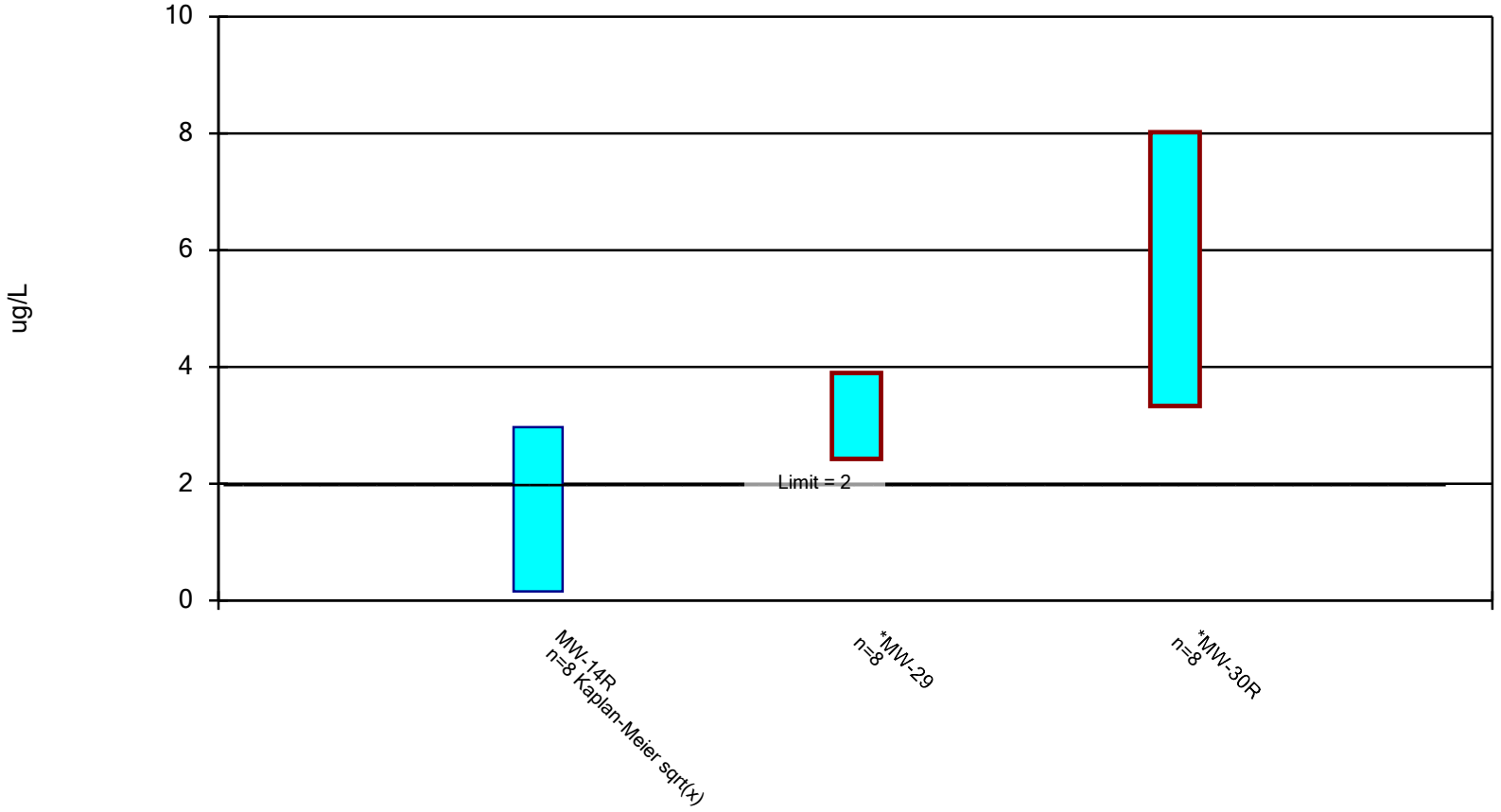
Constituent: Trichloroethene Analysis Run 5/21/2026 4:15 PM View: 5_CIs

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Parametric Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Vinyl Chloride Analysis Run 5/21/2026 4:15 PM View: 5_CIs

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Confidence Interval

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 5/21/2026, 4:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
1,1-Dichloroethane (ug/L)	MW-14R	6.722	1.426	140	n/a	No	8	4.074	2.498	0	None	No	0.01	Param.
1,1-Dichloroethane (ug/L)	MW-29	3.874	2.188	140	n/a	No	8	3.031	0.7953	0	None	No	0.01	Param.
1,1-Dichloroethane (ug/L)	MW-30R	5.066	2.664	140	n/a	No	8	3.865	1.133	0	None	No	0.01	Param.
1,4-Dichlorobenzene (ug/L)	MW-29	11.49	6.652	75	n/a	No	8	9.073	2.283	0	None	No	0.01	Param.
Arsenic (mg/L)	MW-14R	0.02403	0.001587	0.01	n/a	No	8	0.0131	0.0178	0	None	ln(x)	0.01	Param.
Arsenic (mg/L)	MW-28	0.007956	0.005549	0.01	n/a	No	8	0.006753	0.001135	0	None	No	0.01	Param.
Arsenic (mg/L)	MW-29	0.0168	0.008843	0.01	n/a	No	8	0.01282	0.003756	0	None	No	0.01	Param.
Arsenic (mg/L)	**MW-30R**	**0.02518**	**0.01027**	**0.01**	**n/a**	**Yes**	**8**	**0.01757**	**0.009079**	**0**	**None**	**ln(x)**	**0.01**	**Param.**
Arsenic (mg/L)	MW-33R	0.01125	0.008392	0.01	n/a	No	8	0.009819	0.001346	0	None	No	0.01	Param.
Arsenic (mg/L)	MW-56	0.04671	0.003583	0.01	n/a	No	8	0.02515	0.02034	0	None	No	0.01	Param.
Arsenic (mg/L)	**MW-58**	**0.04137**	**0.02408**	**0.01**	**n/a**	**Yes**	**8**	**0.03273**	**0.008156**	**0**	**None**	**No**	**0.01**	**Param.**
Arsenic (mg/L)	MW-57R	0.006518	0.002145	0.01	n/a	No	8	0.004331	0.002063	0	None	No	0.01	Param.
Barium (mg/L)	MW-29	1.489	0.8555	2	n/a	No	8	1.172	0.2989	0	None	No	0.01	Param.
Barium (mg/L)	MW-30R	0.8964	0.6199	2	n/a	No	8	0.7581	0.1304	0	None	No	0.01	Param.
Barium (mg/L)	MW-33R	0.8278	0.6604	2	n/a	No	8	0.7441	0.07895	0	None	No	0.01	Param.
Barium (mg/L)	MW-58	0.7903	0.5752	2	n/a	No	8	0.6828	0.1015	0	None	No	0.01	Param.
Benzene (ug/L)	MW-29	3.537	2.146	5	n/a	No	8	2.841	0.6561	0	None	No	0.01	Param.
Benzene (ug/L)	MW-58	4.845	2.907	5	n/a	No	8	3.876	0.9143	0	None	No	0.01	Param.
Cadmium (mg/L)	MW-33R	0.0006639	0.0001343	0.005	n/a	No	8	0.0003991	0.0002498	0	None	No	0.01	Param.
Cadmium (mg/L)	MW-57R	0.001898	0.001081	0.005	n/a	No	8	0.00149	0.0003855	0	None	No	0.01	Param.
Chlorobenzene (ug/L)	MW-29	22.39	13.46	100	n/a	No	8	17.93	4.212	0	None	No	0.01	Param.
Chlorobenzene (ug/L)	MW-58	9.411	5.631	100	n/a	No	8	7.521	1.783	0	None	No	0.01	Param.
cis-1,2-Dichloroethene (ug/L)	MW-14R	32.78	1.54	70	n/a	No	8	16.05	17.39	0	None	sqrt(x)	0.01	Param.
cis-1,2-Dichloroethene (ug/L)	MW-29	12.12	7.536	70	n/a	No	8	9.826	2.161	0	None	No	0.01	Param.
cis-1,2-Dichloroethene (ug/L)	MW-30R	64.42	32.96	70	n/a	No	8	48.69	14.84	0	None	No	0.01	Param.
Cobalt (mg/L)	**MW-29**	**0.07385**	**0.06085**	**0.0137**	**n/a**	**Yes**	**8**	**0.06735**	**0.006131**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	MW-30R	0.008325	0.004265	0.0137	n/a	No	8	0.006295	0.001915	0	None	No	0.01	Param.
Cobalt (mg/L)	MW-33R	0.01104	0.008903	0.0137	n/a	No	8	0.009973	0.001009	0	None	No	0.01	Param.
Cobalt (mg/L)	MW-39	0.01584	0.001957	0.0137	n/a	No	8	0.008531	0.007844	0	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	MW-56	0.01942	0.007542	0.0137	n/a	No	8	0.01348	0.005601	0	None	No	0.01	Param.
Cobalt (mg/L)	MW-57R	0.0324	0.01039	0.0137	n/a	No	8	0.0214	0.01038	0	None	No	0.01	Param.
Copper (mg/L)	MW-29	0.00587	0.0032	1.3	n/a	No	8	0.003534	0.000944	87.5	None	No	0.004	NP (NDs)
Copper (mg/L)	MW-58	0.00812	0.0018	1.3	n/a	No	8	0.00316	0.002478	62.5	None	No	0.004	NP (normality)
Lead (mg/L)	MW-32R	0.002308	0.0003414	0.015	n/a	No	8	0.001277	0.001035	0	None	sqrt(x)	0.01	Param.
Nickel (mg/L)	MW-29	0.09572	0.06808	0.1	n/a	No	8	0.0819	0.01304	0	None	No	0.01	Param.
Nickel (mg/L)	MW-58	0.04883	0.01627	0.1	n/a	No	8	0.03255	0.01536	0	None	No	0.01	Param.
Nickel (mg/L)	MW-57R	0.04595	0.02163	0.1	n/a	No	8	0.03379	0.01147	0	None	No	0.01	Param.
Trichloroethene (ug/L)	MW-14R	9.887	1.469	5	n/a	No	8	5.678	3.971	0	None	No	0.01	Param.
Trichloroethene (ug/L)	MW-30R	3.159	1.606	5	n/a	No	8	2.383	0.7328	0	None	No	0.01	Param.
Vinyl Chloride (ug/L)	MW-14R	2.968	0.1561	2	n/a	No	8	1.514	1.654	37.5	Kaplan-Meier	sqrt(x)	0.01	Param.
Vinyl Chloride (ug/L)	**MW-29**	**3.898**	**2.424**	**2**	**n/a**	**Yes**	**8**	**3.161**	**0.6953**	**0**	**None**	**No**	**0.01**	**Param.**
Vinyl Chloride (ug/L)	**MW-30R**	**8.018**	**3.33**	**2**	**n/a**	**Yes**	**8**	**5.674**	**2.211**	**0**	**None**	**No**	**0.01**	**Param.**

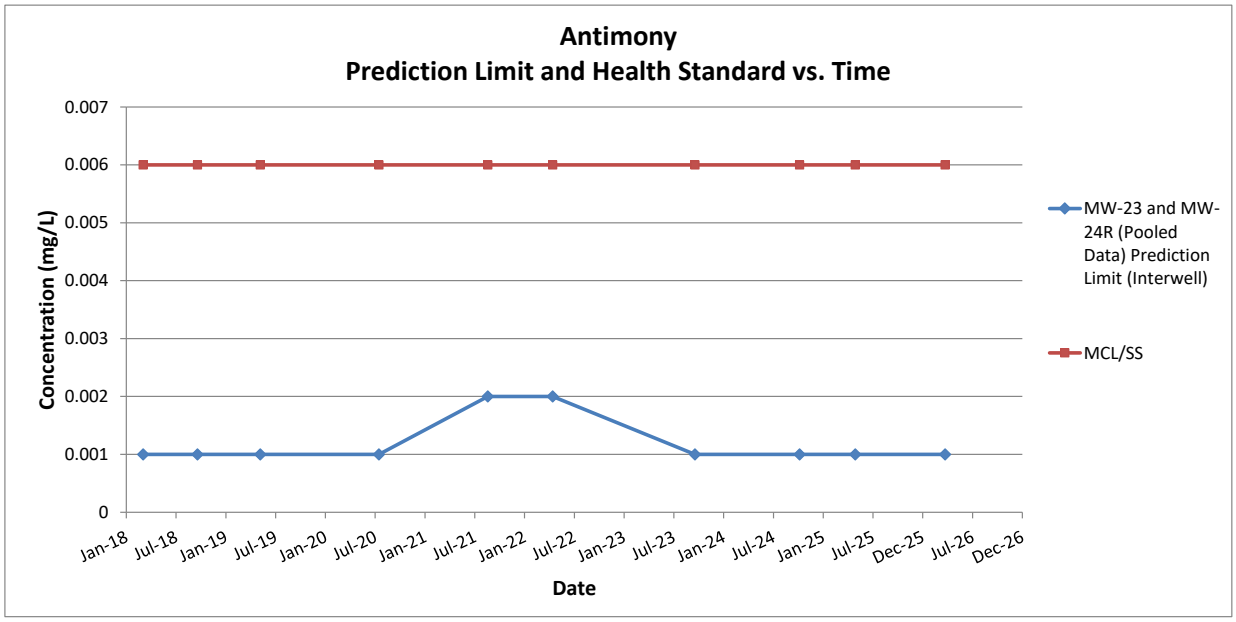
This page intentionally left blank.

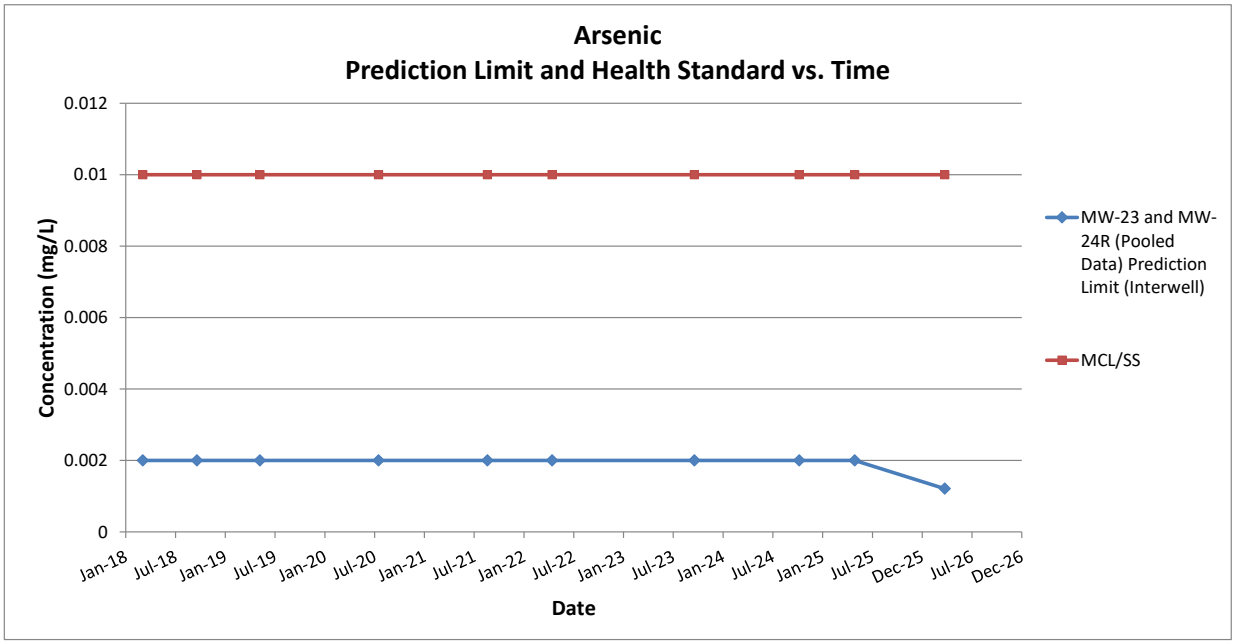
Appendix D

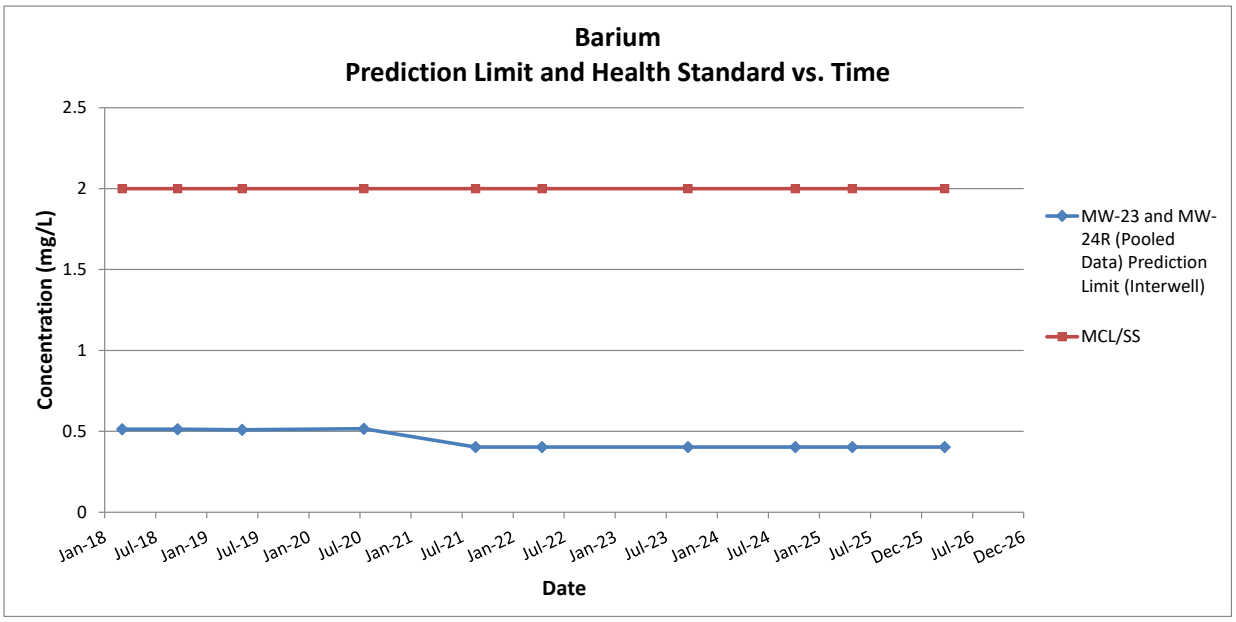
Standards History

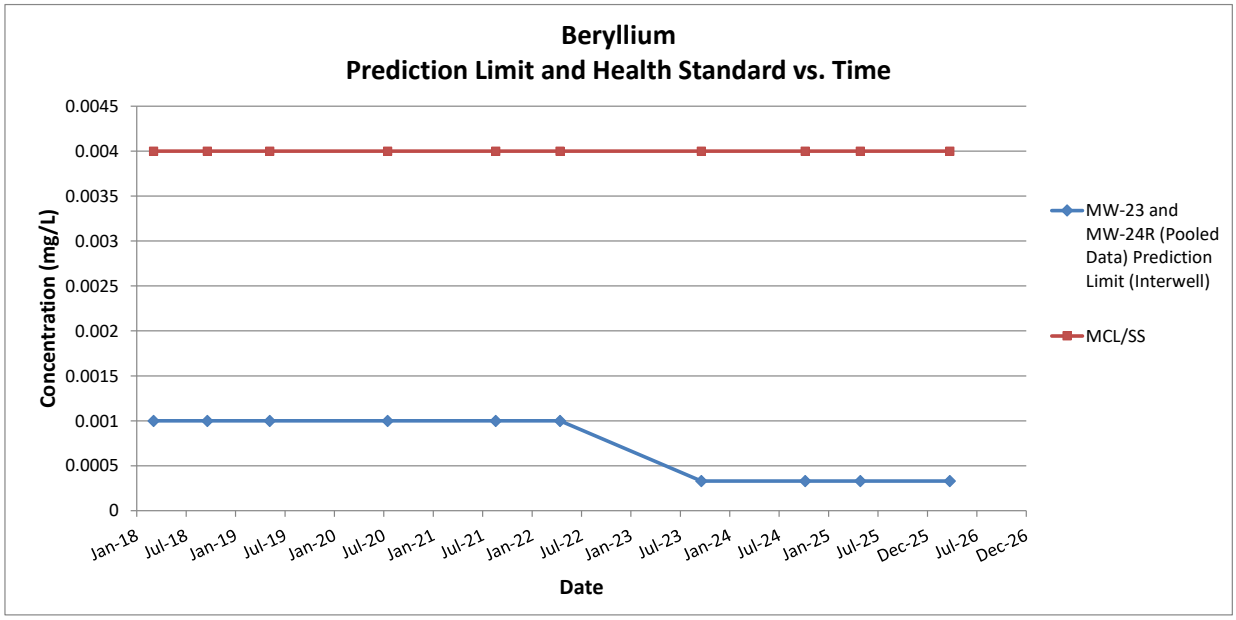
This page intentionally left blank.

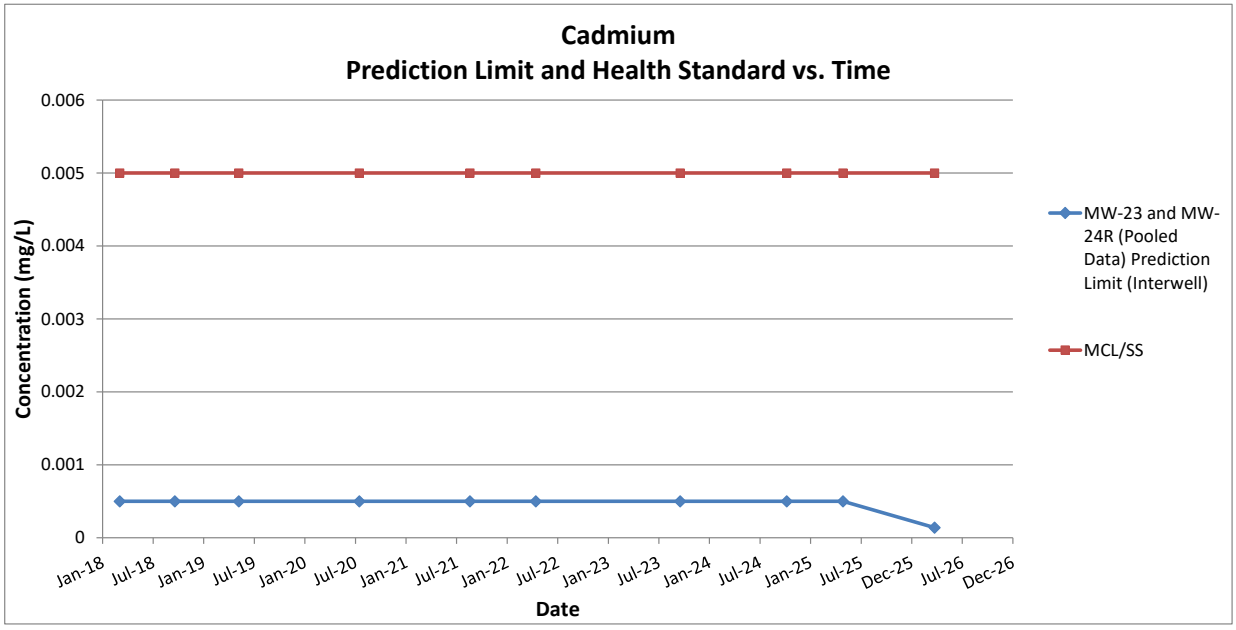
STANDARDS HISTORY GRAPHS

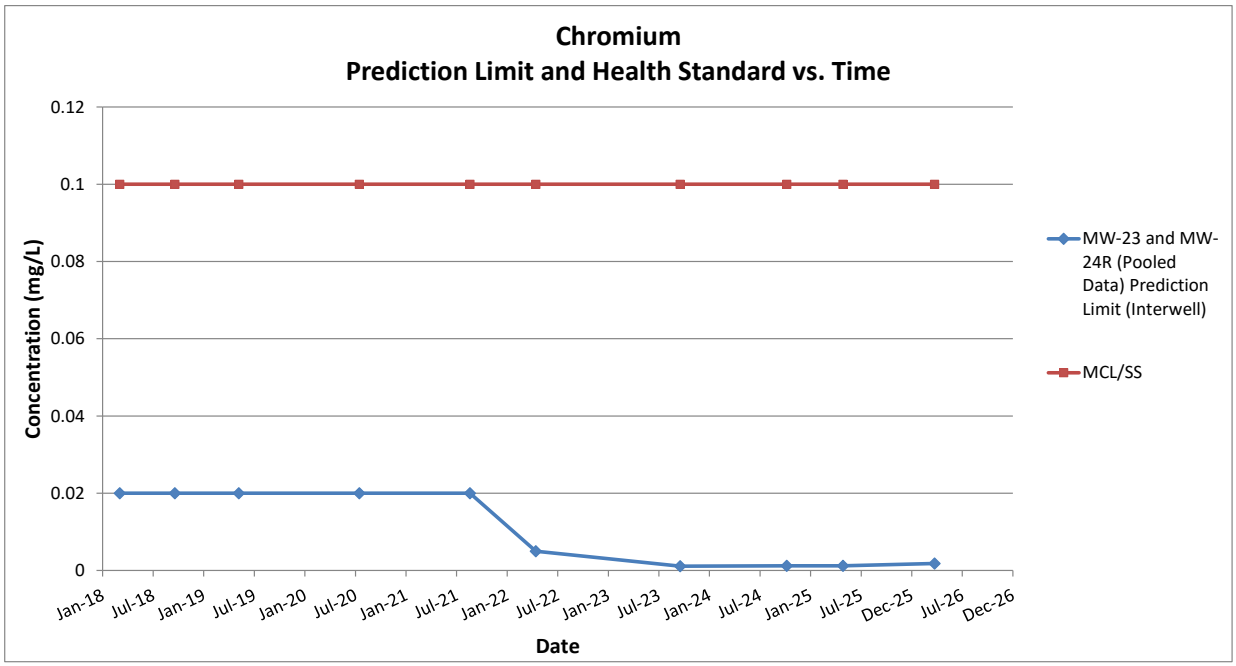


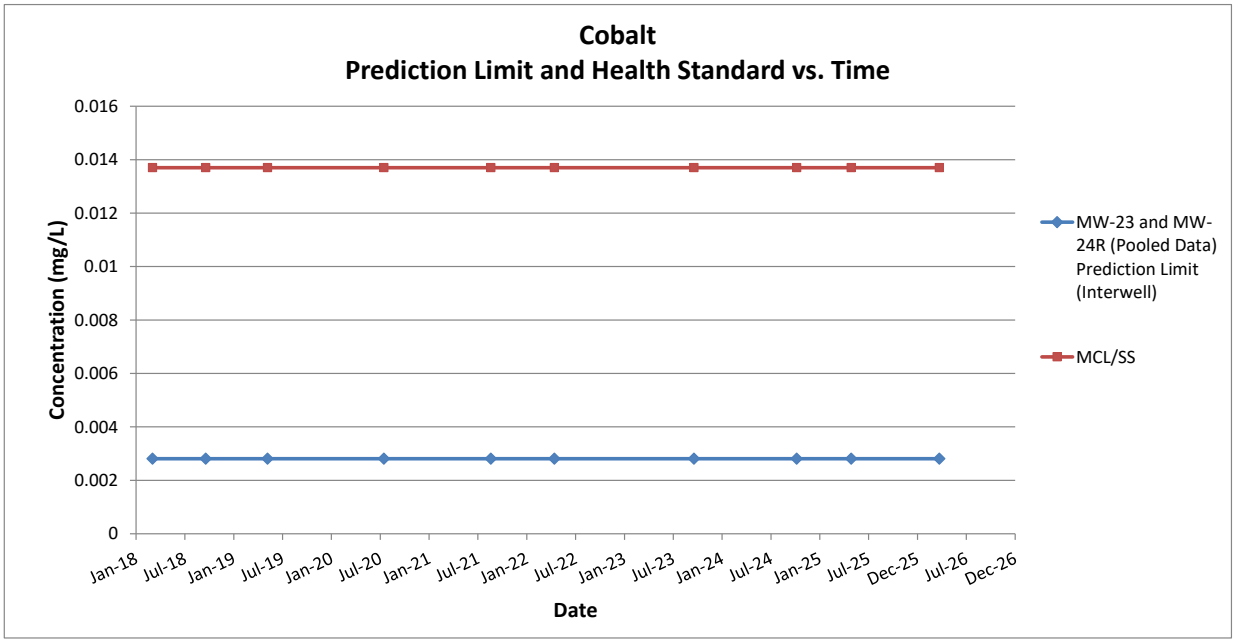


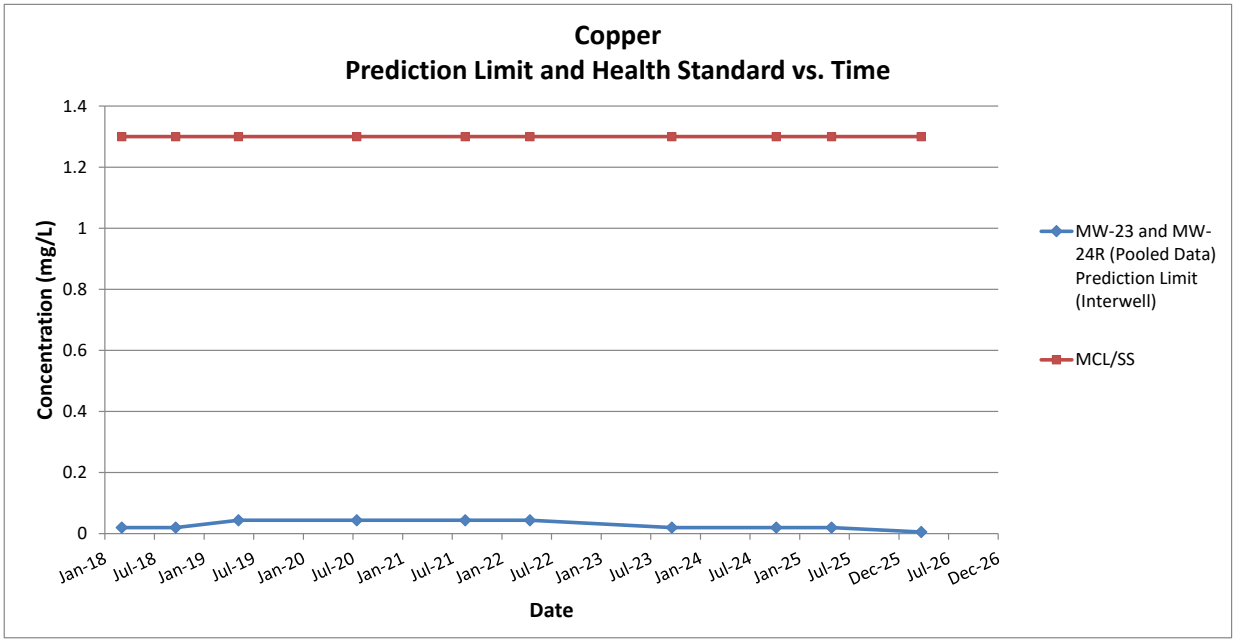

Barium
Prediction Limit and Health Standard vs. Time
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Jan-18
Jul-18
Jan-19
Jul-19
Jan-20
Jul-20
Jan-21
Jul-21
Jan-22
Jul-22
Jan-23
Jul-23
Jan-24
Jul-24
Jan-25
Jul-25
Dec-25
Jul-26
Dec-26
Date
MW-23 and MW-24R (Pooled Data) Prediction Limit (Interwell)
MCL/SS

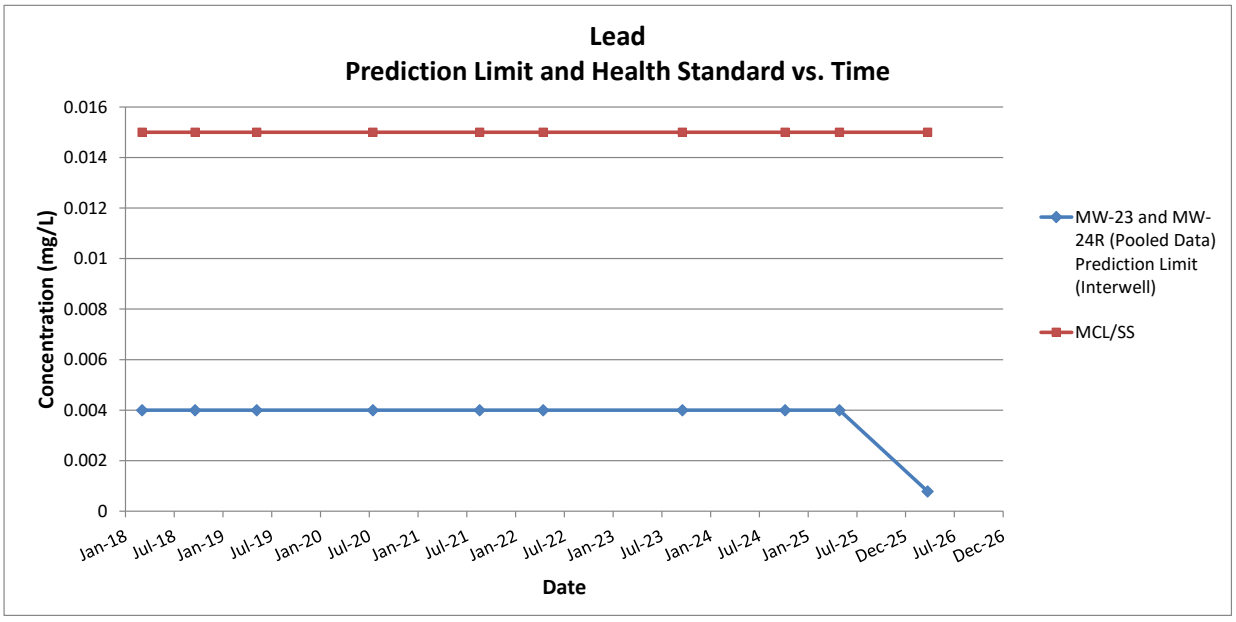

Beryllium
Prediction Limit and Health Standard vs. Time
Concentration (mg/L)
0.0045
0.004
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
Jan-18
Jul-18
Jan-19
Jul-19
Jan-20
Jul-20
Jan-21
Jul-21
Jan-22
Jul-22
Jan-23
Jul-23
Jan-24
Jul-24
Jan-25
Jul-25
Dec-25
Jul-26
Dec-26
Date
MW-23 and MW-24R (Pooled Data) Prediction Limit (Interwell)
MCL/SS

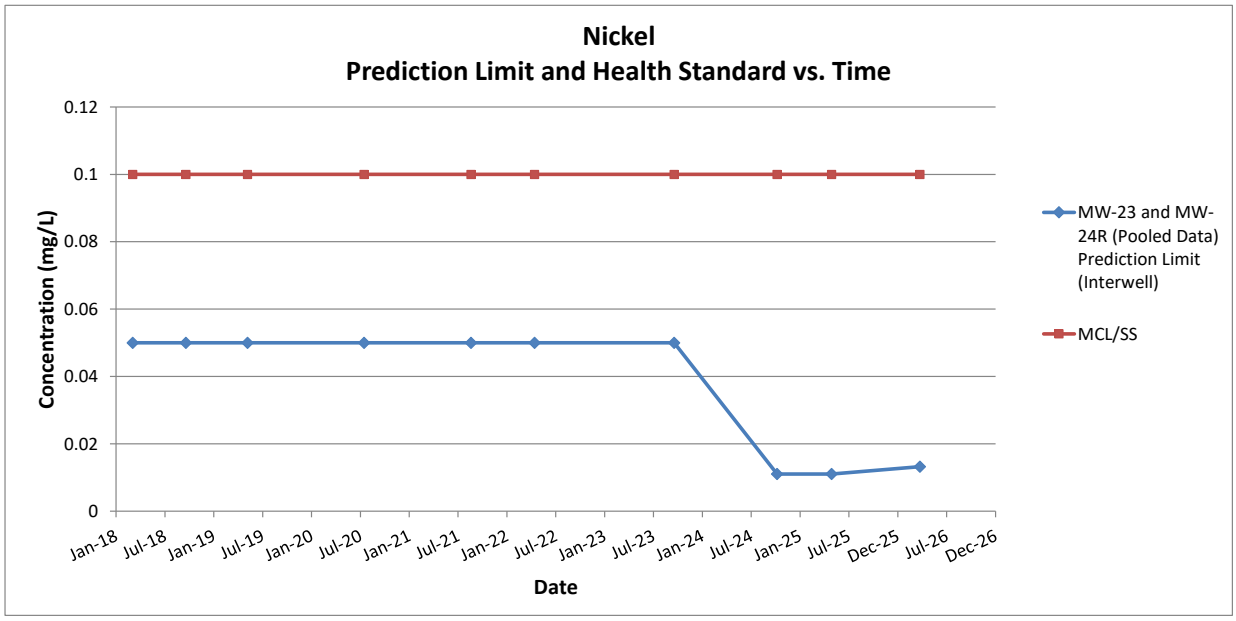

Cadmium
Prediction Limit and Health Standard vs. Time
Concentration (mg/L)
0.006
0.005
0.004
0.003
0.002
0.001
0
Jan-18
Jul-18
Jan-19
Jul-19
Jan-20
Jul-20
Jan-21
Jul-21
Jan-22
Jul-22
Jan-23
Jul-23
Jan-24
Jul-24
Jan-25
Jul-25
Dec-25
Jul-26
Dec-26
Date
MW-23 and MW-24R (Pooled Data) Prediction Limit (Interwell)
MCL/SS

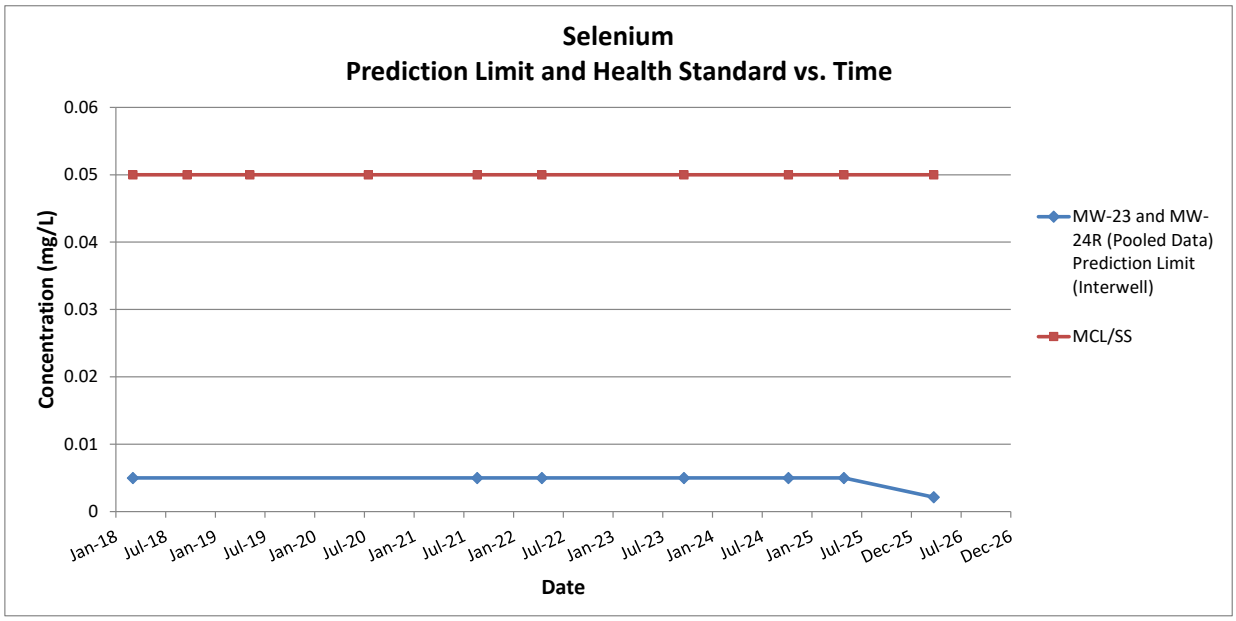

Chromium
Prediction Limit and Health Standard vs. Time
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
Jan-18
Jul-18
Jan-19
Jul-19
Jan-20
Jul-20
Jan-21
Jul-21
Jan-22
Jul-22
Jan-23
Jul-23
Jan-24
Jul-24
Jan-25
Jul-25
Dec-25
Jul-26
Dec-26
Date
MW-23 and MW-24R (Pooled Data) Prediction Limit (Interwell)
MCL/SS

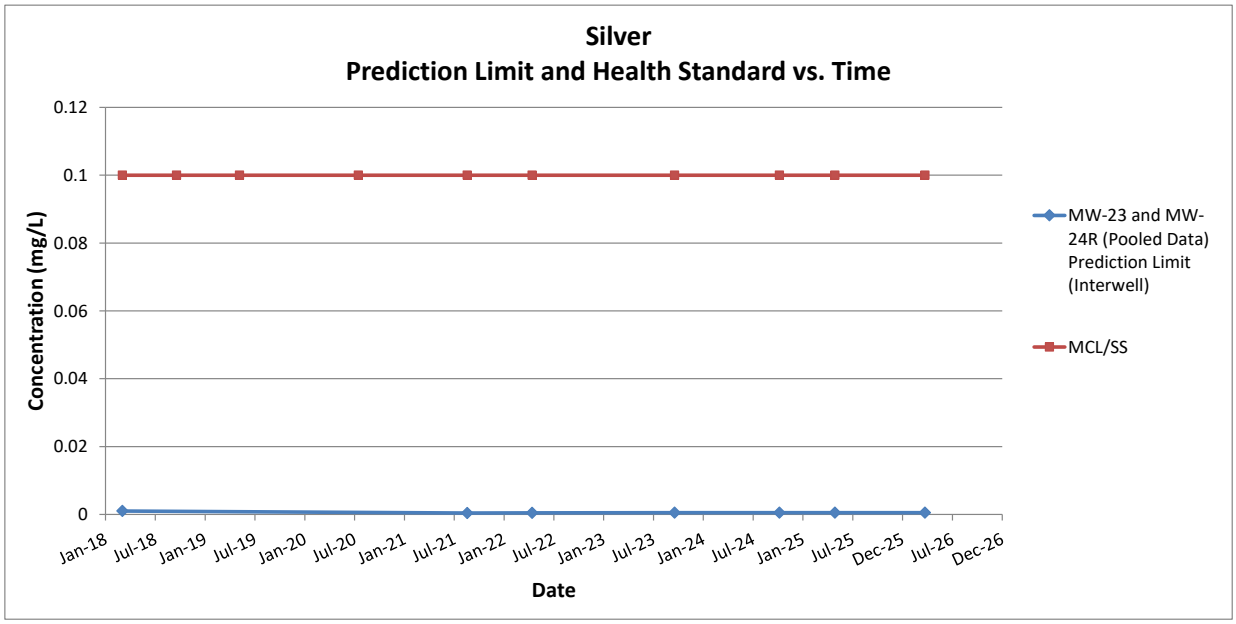

Cobalt
Prediction Limit and Health Standard vs. Time
Concentration (mg/L)
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
Jan-18
Jul-18
Jan-19
Jul-19
Jan-20
Jul-20
Jan-21
Jul-21
Jan-22
Jul-22
Jan-23
Jul-23
Jan-24
Jul-24
Jan-25
Jul-25
Dec-25
Jul-26
Dec-26
Date
MW-23 and MW-24R (Pooled Data) Prediction Limit (Interwell)
MCL/SS

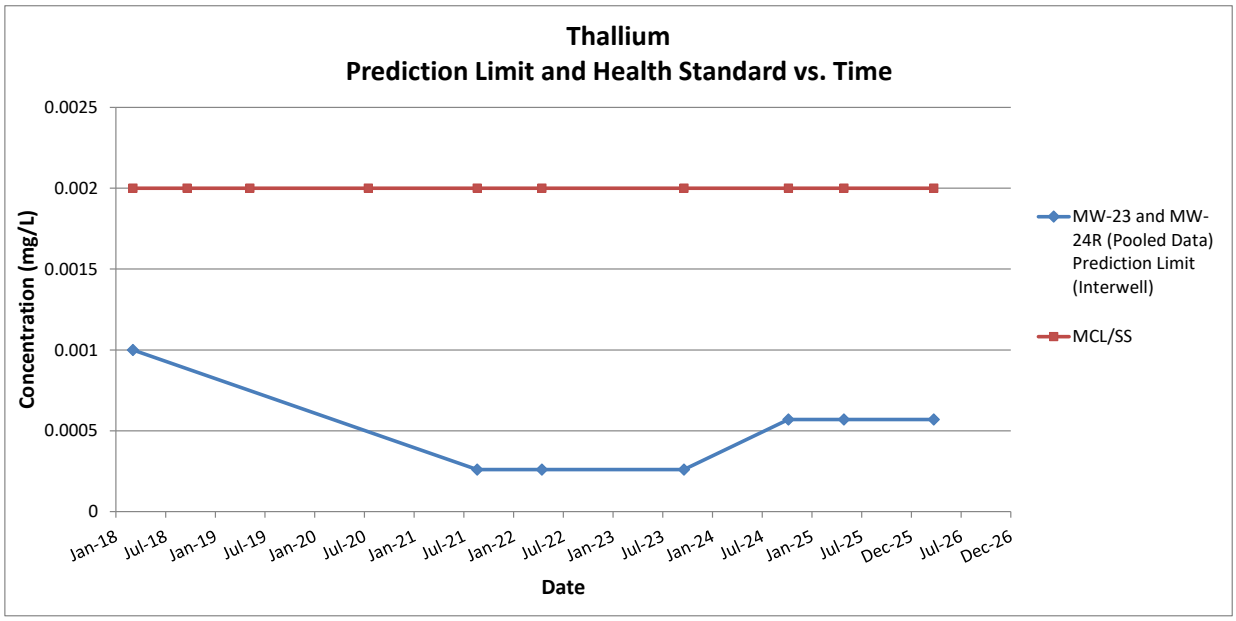

Copper
Prediction Limit and Health Standard vs. Time
Concentration (mg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Jan-18
Jul-18
Jan-19
Jul-19
Jan-20
Jul-20
Jan-21
Jul-21
Jan-22
Jul-22
Jan-23
Jul-23
Jan-24
Jul-24
Jan-25
Jul-25
Dec-25
Jul-26
Dec-26
Date
MW-23 and MW-24R (Pooled Data) Prediction Limit (Interwell)
MCL/SS

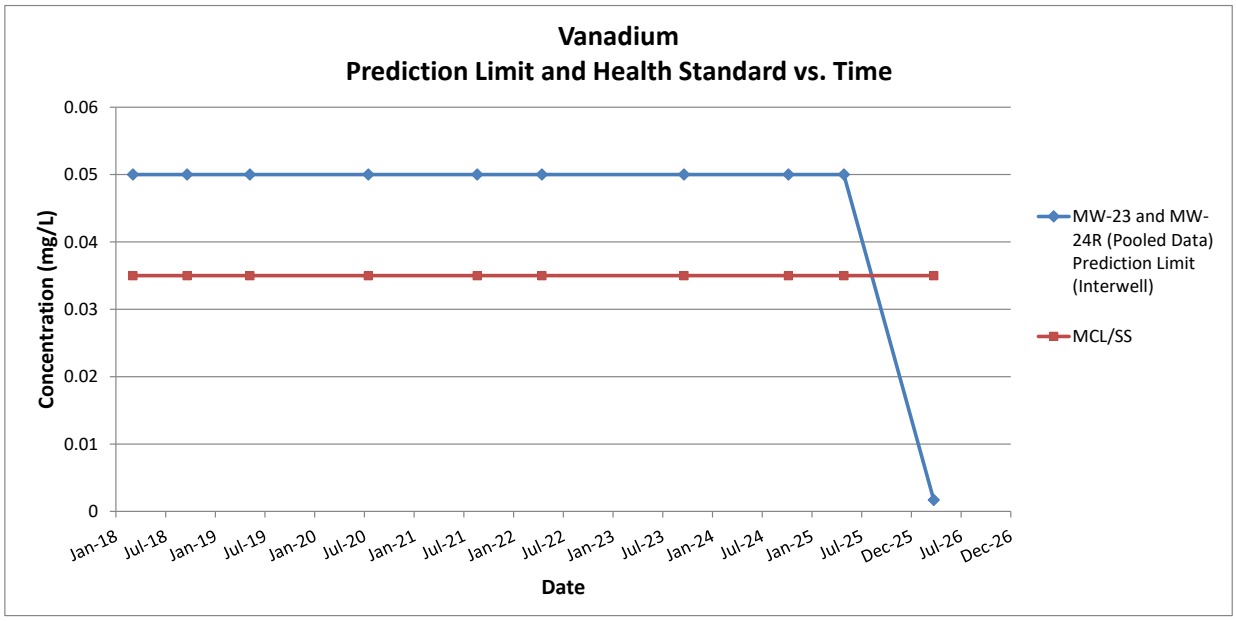

Lead
Prediction Limit and Health Standard vs. Time
Concentration (mg/L)
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
Jan-18
Jul-18
Jan-19
Jul-19
Jan-20
Jul-20
Jan-21
Jul-21
Jan-22
Jul-22
Jan-23
Jul-23
Jan-24
Jul-24
Jan-25
Jul-25
Dec-25
Jul-26
Dec-26
Date
MW-23 and MW-24R (Pooled Data) Prediction Limit (Interwell)
MCL/SS

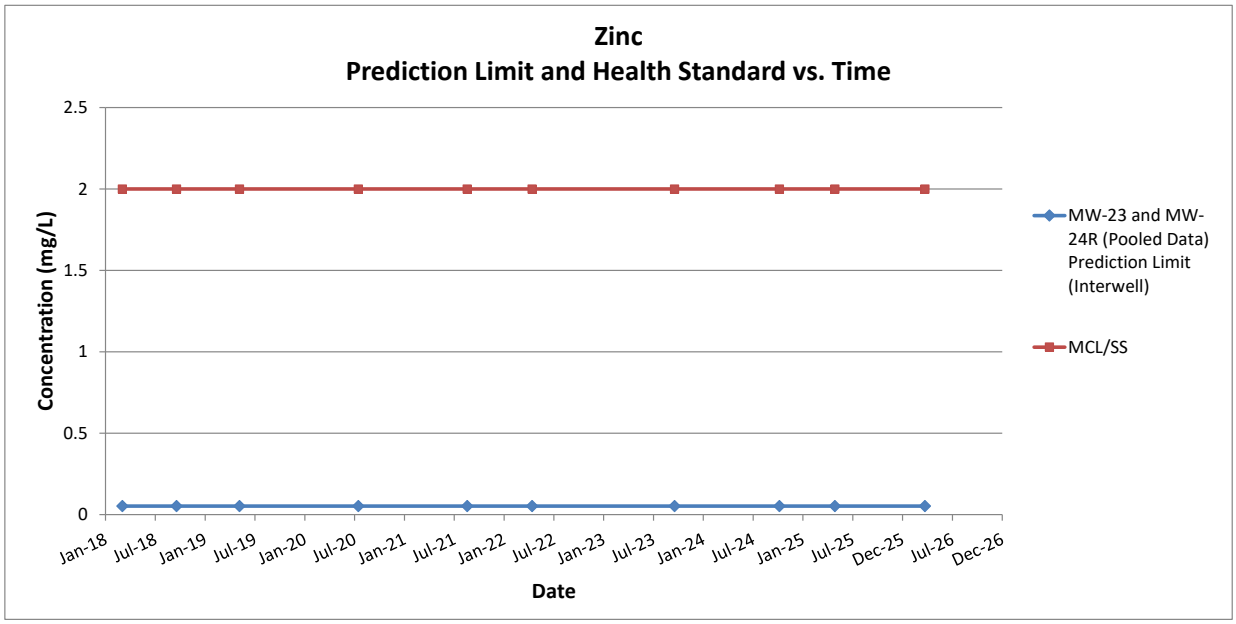

Nickel
Prediction Limit and Health Standard vs. Time
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
Jan-18
Jul-18
Jan-19
Jul-19
Jan-20
Jul-20
Jan-21
Jul-21
Jan-22
Jul-22
Jan-23
Jul-23
Jan-24
Jul-24
Jan-25
Jul-25
Dec-25
Jul-26
Dec-26
Date
MW-23 and MW-24R (Pooled Data) Prediction Limit (Interwell)
MCL/SS


Selenium
Prediction Limit and Health Standard vs. Time
Concentration (mg/L)
0.06
0.05
0.04
0.03
0.02
0.01
0
Jan-18
Jul-18
Jan-19
Jul-19
Jan-20
Jul-20
Jan-21
Jul-21
Jan-22
Jul-22
Jan-23
Jul-23
Jan-24
Jul-24
Jan-25
Jul-25
Dec-25
Jul-26
Dec-26
Date
MW-23 and MW-24R (Pooled Data) Prediction Limit (Interwell)
MCL/SS


Silver
Prediction Limit and Health Standard vs. Time
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
Jan-18
Jul-18
Jan-19
Jul-19
Jan-20
Jul-20
Jan-21
Jul-21
Jan-22
Jul-22
Jan-23
Jul-23
Jan-24
Jul-24
Jan-25
Jul-25
Dec-25
Jul-26
Dec-26
Date
MW-23 and MW-24R (Pooled Data) Prediction Limit (Interwell)
MCL/SS


Thallium
Prediction Limit and Health Standard vs. Time
Concentration (mg/L)
0.0025
0.002
0.0015
0.001
0.0005
0
Jan-18
Jul-18
Jan-19
Jul-19
Jan-20
Jul-20
Jan-21
Jul-21
Jan-22
Jul-22
Jan-23
Jul-23
Jan-24
Jul-24
Jan-25
Jul-25
Dec-25
Jul-26
Dec-26
Date
MW-23 and MW-24R (Pooled Data) Prediction Limit (Interwell)
MCL/SS


Vanadium
Prediction Limit and Health Standard vs. Time
Concentration (mg/L)
0.06
0.05
0.04
0.03
0.02
0.01
0
Jan-18
Jul-18
Jan-19
Jul-19
Jan-20
Jul-20
Jan-21
Jul-21
Jan-22
Jul-22
Jan-23
Jul-23
Jan-24
Jul-24
Jan-25
Jul-25
Dec-25
Jul-26
Dec-26
Date
MW-23 and MW-24R (Pooled Data) Prediction Limit (Interwell)
MCL/SS



Comments:
See Section 4.2.1 for a discussion on the Phase I MSWLF Unit Standards history graphs.

2026 Corrective Action Monitoring Plan Report

Metro Park East Landfill
Phase I MSWLF Unit

Permit No. 77-DP-01-72P
Submittal Date: September 11, 2026

This page intentionally left blank.

Table of Contents

1 Introduction 1
2 CAMP Evaluation 2
2.1 Recent and Long-Term Trend Evaluations 2
2.2 Coefficient of Variation Evaluation 4
2.3 Sen's Slope Evaluation for SSLs 5
2.4 Cross-Sectional Time Series Graphs 6
2.5 Concentration Maps 7
2.6 Source Control Evaluation 8
2.7 Surface Water Evaluation 10
3 Proposed Remedy End Date 11
4 Summary 11
5 Recommendations 12

Tables

Table 1: CAMP Sampling Parameters 1
Table 2: Summary of Mann-Kendall Trend Testing at 98% Confidence 3
Table 3: Sen's Slope Summary 5
Table 4: Surface Water Summary 10

Figures

Figure 1: Arsenic & TSS Concentrations
Figure 2: Benzene & TSS Concentrations
Figure 3: Cobalt & TSS Concentrations
Figure 4: Vinyl Chloride & TSS Concentrations
Figure 5: Surface Water Sampling Points

Attachments

Attachment 1: Recent Trend Mann-Kendall Summary Table
Attachment 2: Long-Term Trend Mann-Kendall Summary Table
Attachment 3: Coefficient of Variation Summary Table
Attachment 4: Cross-Sectional Time Series Graphs

This page intentionally left blank.

1 Introduction

The purpose of this Corrective Action Monitoring Program (CAMP) report is to evaluate the effectiveness and performance of the selected corrective action remedy at the Metro Waste Authority (MWA) Metro Park East (MPE) Landfill as required by IAC 567-113.10(9)"a"(l). An Assessment of Corrective Measures (ACM) report was approved as Permit Amendment #12, issued by Iowa Department of Natural Resources (IDNR) on January 15, 2013 (Doc #75705). MWA submitted the Selection of Remedy on May 20, 2013 (Doc #77010). The CAMP, dated July 2014 (Doc #80628), was approved in Permit Amendment #26 dated January 26, 2015 (Doc #82285) and implemented in June 2015. CAMP sampling for this reporting period occurred in March 2026 and is summarized in the **2026 Annual Water Quality Report (AWQR)**. The parameters that are monitored in accordance with the CAMP are listed in **Table 1**.

Table 1: CAMP Sampling Parameters

Monitoring Point	Monitoring Program	Annual Parameters
MW-14R	Assessment/CAMP	Total Organic Carbon; TSS
MW-29	Corrective Action/CAMP	Total Organic Carbon; TSS
MW-30R	Corrective Action/CAMP	Total Organic Carbon; TSS
MW-31R	Assessment/CAMP	Total Organic Carbon; TSS
MW-32R	Assessment/CAMP	Total Organic Carbon; TSS
MW-33R	Assessment/CAMP	Total Organic Carbon; TSS
MW-52(1)	WLO	-
MW-53(1)	WLO	-
MW-54(1)	WLO	-
MW-57R	Corrective Action/CAMP	Total Organic Carbon; TSS
MW-58	Assessment/CAMP	Total Organic Carbon; TSS
MW-62	CAMP	Arsenic; TSS
MW-68	CAMP	TSS; PCE; TCE; 1,1-DCE; cis-1,2-DCE; trans-1,2-DCE; 1,2-DCA; VC
MW-69	CAMP	TSS; PCE; TCE; 1,1-DCE; cis-1,2-DCE; trans-1,2-DCE; 1,2-DCA; VC
MW-70	CAMP	Total Organic Carbon; TSS; Arsenic; PCE; TCE; 1,1-DCE; cis-1,2-DCE; trans-1,2-DCE; 1,2-DCA; VC; Benzene
MW-73	CAMP	Total Organic Carbon; TSS
PZ-13	CAMP	Total Organic Carbon; PCE; TCE; 1,1-DCE; cis-1,2-DCE; trans-1,2-DCE; 1,2-DCA; VC; Arsenic, Cobalt
SW-101	Voluntary/CAMP	Arsenic; Cobalt; TSS
SW-102	Voluntary/CAMP	Arsenic; Cobalt; TSS
SW-103	Voluntary/CAMP	Arsenic; Cobalt; TSS
SW-106	Voluntary/CAMP	Arsenic; Cobalt; TSS
SW-107	Voluntary/CAMP	Arsenic; Cobalt; TSS

Notes:

TSS = Total Suspended Solids *TCE = Trichloroethene* *DCA = Dichloroethane*
PCE: Tetrachloroethene *DCE = Dichloroethene* *VC = Vinyl Chloride*

(1) Per Iowa Department of Natural Resources' comment letter dated May 31, 2024, monitoring wells MW-50, MW-51, MW-52, MW-53, and MW-54 were converted to water level only (WLO) gauging monitoring points and are no longer sampled.

The wells included in the CAMP report are sampled annually. The data evaluations listed in the CAMP are used to measure and track the Site's progress toward achieving the remedy completion criteria and evaluate whether adjustments to the selected remedy or monitoring program should be implemented. The general focus of the CAMP evaluations is to determine the stability of the organic plume to ascertain whether the corrective action process is on track.

2 CAMP Evaluation

The CAMP evaluation includes the following assessments to monitor the direction and magnitude of concentration changes of various organic and inorganic constituents:

- Analysis of recent and longer-term trends to determine whether a data set from a given well-constituent pair exhibits an increasing trend, a decreasing trend, or no trend (i.e., stable) (see **Attachments 1 and 2**).
- Calculating the coefficient of variation for non-trending (i.e., stable) data sets to confirm stability of a given well-constituent pair (see **Attachment 3**).
- Sen's Slope statistical analysis to review statistically significant level (SSL) exceedances, which were identified in the 2026 annual statistical analysis reported in the 2026 AWQR.
- Cross-sectional time series graphs to assess concentrations along a sequence of monitoring wells for organic constituents in the south and northwest areas (see **Attachment 4**). Historically, a cross-sectional time series graph was constructed for monitoring wells along the east side of the Phase I unit. However, based on an IDNR comment letter dated May 31, 2024, monitoring wells MW-50, MW-51, MW-52, MW-53, and MW-54 were converted to water level only gauging monitoring points and are no longer sampled.
- Preparation of concentration maps for SSL constituents to visualize the spatial distribution of concentrations.
- Evaluation of source control measures by comparing landfill gas and leachate collection activities to the groundwater quality.
- Determination of surface water conditions by comparing data collected at sampling points located upstream and downstream of the Site.

The organic contaminants of concern (COCs), as listed in the July 2014 MPE Landfill Phase I MSWLF Unit CAMP, include 1,2-Dibromo-3-Chloropropane (dibromochloropropane), tetrachloroethene (PCE), trichloroethene (TCE), 1,1-Dichloroethene (1,1-DCE), cis-1,2-Dichloroethene (cis-1,2-DCE), trans-1,2-Dichlorethene (trans-1,2-DCE), 1,2-Dichloroethane (1,2-DCA), and vinyl chloride (VC).

2.1 Recent and Long-Term Trend Evaluations

Mann-Kendall statistical trend tests were used to evaluate recent and long-term trends for monitored constituents. The statistical tests were completed using Sanitas® v10.1.08 (Sanitas Technologies) software. Mann-Kendall trend evaluations assess whether a data set from a well-constituent pair exhibits an increasing trend, decreasing trend, or no trend (i.e., stable) at a

given statistical confidence interval. The Mann-Kendall test can be used for non-parametric data sets where data is not normally distributed.

The Mann-Kendall trend tests were constructed using the eight most recent sampling events for the recent trend evaluations. Longer-term trends were evaluated using the sixteen most recent sampling events. Trend testing was performed using both 95% confidence (α = 0.05) and 98% confidence (α = 0.02). The results of the 98% confidence trend tests were used to evaluate whether the increasing or decreasing trends were significant. The results of the 95% confidence trend tests were used to identify data sets that may exhibit significant trends at the 98% confidence level in the future.

The 98% confidence trend tests are summarized in **Table 2** by percentage. Monitoring points were designated as south or northwest areas, as listed in the CAMP. Mann-Kendall trend analysis summary tables for the recent and longer-term timeframes are included in **Attachments 1 and 2.**

Table 2: Summary of Mann-Kendall Trend Testing at 98% Confidence

Well	Recent Trends			Trends Analyzed	Longer-Term Trends			Trends Analyzed
	Increasing	Stable	Decreasing		Increasing	Stable	Decreasing	
South Area								
MW-14R	44%	56%	0%	9	44%	56%	0%	9
MW-29	5%	74%	21%	19	5%	63%	32%	19
MW-30R	0%	100%	0%	11	0%	55%	45%	11
MW-31R	0%	100%	0%	4	0%	100%	0%	4
MW-32R	0%	100%	0%	1	0%	100%	0%	1
MW-33R	0%	80%	20%	5	0%	60%	40%	5
MW-39	0%	100%	0%	2	0%	50%	50%	2
MW-55	0%	100%	0%	4	0%	75%	25%	4
MW-68	0%	100%	0%	3	0%	67%	33%	3
MW-69	0%	100%	0%	5	20%	40%	40%	5
Northwest Area								
MW-28	0%	100%	0%	1	0%	100%	0%	1
MW-56	0%	100%	0%	9	0%	89%	11%	9
MW-57R	0%	100%	0%	12	0%	100%	0%	12
MW-58	0%	100%	0%	8	0%	100%	0%	8
MW-73	0%	100%	0%	1	0%	100%	0%	1

Most well-constituent pairs evaluated were stable in the 98% recent trend analysis (most recent 8 sampling events), except for the following:

- Increasing trend:
  - 1,1-DCA at MW-14R
  - cis-1,2-DCE at MW-14R

    - Arsenic at MW14R, MW-29
    - Barium at MW-14R

- Decreasing trend:
    - Barium at MW-29
    - Cadmium at MW-33R
    - Nickel at MW-29
    - trans-1,2-DCE at MW-29
    - TCE at MW-29

For longer-term trends, most of the well-constituent pairs were either stable or decreasing. This indicates generally improving water quality. The well-constituent pairs that indicate an increasing longer-term trend include the following:

- 1,1-DCA at MW-14R
- Barium at MW-14R
- Chlorobenzene at MW-29
- cis-1,2-DCE at MW-14R
- Vinyl Chloride at MW-14R and MW-69

2.2 Coefficient of Variation Evaluation

One limitation of the Mann-Kendall trend analysis is that a lack of statistically significant trend does not necessarily indicate concentrations at the monitoring point are stable. For example, data sets with high variation can limit the use of the Mann-Kendall trend analysis. Furthermore, changes in laboratory reporting limits over time could also artificially introduce variation into the data set. Coefficients of variation (COV), which is the standard deviation divided by the mean, can be used to further evaluate the stability of constituent concentrations at a given well. If the COV is less than or equal to one following a stable Mann-Kendall trend result, the well-constituent pair is considered stable. The six to eleven most recent sampling events were used to calculate COV. The six to eleven most recent sampling events occurred during the period from 2018 through 2026.

Of the 95 data sets identified in the recent 98% confidence trend test, 85 were stable. Six (6) well-constituent pairs that had stable trends had COVs greater than one (see **Attachment 3**). The following well-constituent pairs had a COV greater than one and a stable trend:

- Acetone in MW-56
- Arsenic in MW-31R
- Cobalt in MW-31R
- Copper in MW-58
- Vinyl Chloride in MW-14R

Acetone at MW-56 has been less than laboratory reporting limits with the exceptions of samples collected during the 2019 and 2020 annual monitoring events. Acetone can be a common laboratory contaminant and may not be indicative of impact from the site.

Arsenic at MW-31R, cobalt at MW-31R and copper at MW-58 had either non-detect or J-flags for several of the most recent sampling events with variable laboratory reporting limits. The primary purpose of the CAMP is to evaluate the organic plume, and arsenic, cobalt and copper are inorganic constituents. Arsenic and cobalt concentrations distributed across the Site are shown in **Figure 1** and **Figure 3**. Due to not being detected as an SSL, copper concentrations distributed across the Site have not been shown in any figure.

Vinyl Chloride at MW-14R had either non-detect or J-flags for several of the most recent sampling events. Overall, it appears the organic impact associated with the Phase I MSWLF unit is stable or declining. Vinyl Chloride concentrations distributed across the Site are shown in **Figure 4.**

2.3 Sen's Slope Evaluation for SSLs

Several SSLs were identified in the HMSP monitoring network during the 2026 reporting period, as noted in the Site's 2026 AWQR. An SSL is identified when the lower limit of a calculated confidence interval is greater than the Groundwater Protection Standard (GWPS). The following organic SSLs were identified during the 2026 statistical analysis:

- MW-29: VC
- MW-30R: VC

SSLs for inorganic constituents were also identified:

- MW-29: Cobalt
- MW-30R: Arsenic
- MW-58: Arsenic

Sen's Slope tests were used to evaluate SSLs for organic constituents to assess whether there are significant trends over the eight most recent sampling points. **Table 3** shows the average concentration of the four most recent samples and the Sen's slope value of the eight most recent samples.

Table 3: Sen's Slope Summary

Well	Constituent	Average Concentration of Four Most Recent Samples (µg/L)	Sen's Slope Value of Eight Most Recent Sampling Events (µg/L/year)
MW-29	Vinyl Chloride	2.87	-0.185
MW-30R	Vinyl Chloride	5.12	-0.5304

Notes:
µg/L – micrograms per liter

None of the trends identified were significant at the 98% confidence level for the short-term trends (eight most recent events). However, in the long-term trends (16 most recent events), vinyl chloride in MW-30R showed a statistically significant decreasing trend with a slope of -0.2696 micrograms per liter per year (µg/L/year).

2.4 Cross-Sectional Time Series Graphs

Cross-sectional time series graphs were prepared to assess concentrations of organic constituents in the south and northwest area wells. The graphs are intended to illustrate the organic plume and changes in concentrations over time. The graphs show concentrations of organic constituents since 2016 and are included in **Attachment 4**.

2.4.1 South Area

The south area monitoring wells include MW-14R, MW-29, MW-30R, MW-31R, MW-32R, MW-33R, MW-39, MW-55, MW-68, MW-69, and PZ-13. The constituents of interest (COIs) for the south area include 1,1-DCA, 1,4-dichlorobenzene, benzene, chlorobenzene, cis-1,2-DCE, trans-1,2-DCE, TCE, and VC.

In general, the detections from the 2026 sampling event appear to be consistent with historical data with the exception of 1,1-DCA at MW-14R and MW-30R, cis-1,2-DCE at MW-14R and MW-30R, and VC at MW-14R and MW-29. At MW-14R, 1,1-DCA continued to increase in concentration, but is still well below the GWPS (140 micrograms per liter [µg/L]). Monitoring well MW-30R also had an increase of 1,1-DCA concentration compared to the last sampling event. For cis-1,2-DCE, the concentration continued to increase in monitoring well MW-14R. An increase was observed at monitoring well MW-30R following a relatively sharp decrease in concentration measured in the April 2025 sample. For VC, the concentration increased at monitoring wells MW-14R and MW-30R. With the exception of 1,1-DCA and cis-1,2-DCE, volatile organic compound concentrations are generally lower in monitoring well MW-14R when compared with the other south area wells. Monitoring well MW-14R is the furthest downgradient well and serves as the end of the evaluated flow path. Historically, lower VOC concentrations have been measured in monitoring well MW-14R relative to monitoring wells MW-29, MW-30R, MW-68, and MW-69. This likely demonstrates reductive dechlorination of chlorinated VOCs is occurring on the south side of the Phase I MSWLF unit. However, increasing trends are observed at monitoring well MW-14R for 1,1-DCA and cis-1,2-DCE concentrations. This may indicate the efficiency of reductive dechlorination is being reduced near monitoring well MW-14R. Despite the increase in chlorinated VOCs at monitoring wells MW-29 and MW-30R during the 2026 annual monitoring event, the reductive dechlorination process appears to be working effectively upgradient of monitoring well MW-14R. The elevated concentrations observed for 1,1-DCA and cis-1,2-DCE at monitoring well MW-14R could be the conversion or breakdown of chlorinated substances upgradient of the monitoring well. Further monitoring of 1,1-DCA, cis-1,2-DCE, and respective biodegradation products should be conducted to determine the efficiency of reductive dechlorination in the south area of the site.

2.4.2 East Area

Since monitoring wells MW-50, MW-51, MW-52, MW-53, and MW-54 were converted to water level only gauging monitoring points, the east monitoring area is no longer assessed. Since the east side is not on the downgradient side of the Phase I unit and is situated between the Phase I and Phase II units, further sampling of these monitoring wells was not recommended. IDNR concurred with the recommendation to cease groundwater sampling at these wells in a letter dated May 31, 2024. Since groundwater sampling has ceased in the east area of Phase I, assessment of implemented corrective measures has ceased as well. A cross-sectional time series of select organic compounds was not included in this report for the east area.

2.4.3 Northwest Area

The northwest area monitoring wells include MW-28, MW-56, MW-57R, MW-58 and MW-73. Monitoring wells MW-20, MW-21, and MW-57 were used to monitor the northwest area in the past but were abandoned during construction of the Northwest Constructed Wetlands.

Six organic constituents, benzene, chlorobenzene, cis-1,2-DCE, trans-1,2-DCE, TCE, and VC were evaluated. The benzene (MW-57R and MW-58) and chlorobenzene (MW-58) concentrations demonstrated an increase when comparing the 2026 concentrations to the 2025 concentrations. For cis-1,2-DCE, trans-1,2-DCE, TCE, and VC at MW-57R, concentrations on the time-series graphs depicted a relatively rapid increase until the October 2024 monitoring event, followed by sharp decrease in April 2025 and a minor rebound in March 2026. No statistically significant increasing or decreasing trend was identified in the short-term (eight most recent events) for any of these constituents at monitoring well MW-57R. Monitoring well MW-73 is downgradient relative to MW-57R. Recent concentrations of cis-1,2-DCE, trans-1,2-DCE, TCE, and VC at monitoring well MW-73 have also been below laboratory reporting limits. This would indicate monitored organic constituents are not moving downgradient and offsite.

2.5 Concentration Maps

Concentration maps were developed for arsenic, benzene, cobalt, and VC to show changes in concentration over the Site (**Figures 1 through 4**).

2.5.1 Arsenic (Figure 1)

SSLs for arsenic were identified at monitoring wells MW-30R and MW-58 during the 2026 statistical analysis. This is consistent with historical SSLs. No new SSLs for arsenic were identified during the 2026 sampling event. The arsenic concentrations to the northwest and west of the Phase I MSWLF unit are bracketed onsite based on concentrations at MW-18, MW-19, MW-28, MW-57R, and MW-60. Monitoring well MW-73 did have an arsenic concentration reported above the GWPS (0.01 milligrams per liter [mg/L]) during the April 2025 sampling event. The arsenic concentration at MW-73 during the March 2026 sampling event is less than the GWPS. Based on the magnitude difference the April 2025 arsenic concentration at MW-73 is considered an outlier. In the south area, the elevated arsenic concentrations are bracketed onsite based on MW-31R, MW-32R, MW-39, MW-55, MW-62, and PZ-13. The six monitoring wells with recent arsenic concentrations consistently measured above the GWPS include MW-14R, MW-29, MW-30R, MW-31R, and MW-58. These wells are surrounded by monitoring

wells with low or non-detect arsenic concentrations, which is indicative of bracketing onsite. MWA will continue to monitor to see if elevated arsenic concentrations are detected in the bracketing wells over time.

2.5.2 Benzene (Figure 2)

An SSL for benzene was not identified during the 2026 statistical analysis. Historically, benzene was identified as an SSL in monitoring well MW-53. However, with the conversion of monitoring well MW-53 to a water level gauging only well, there are no current SSLs identified for benzene in compliance monitoring wells on the downgradient edge of the Phase I unit. For the 2026 annual monitoring event, each measured benzene concentration in groundwater was below the GWPS of 5 µg/L. MWA will continue to monitor to see if benzene concentrations are detected in the bracketing wells at the site.

2.5.3 Cobalt (Figure 3)

SSLs for cobalt were identified at monitoring well MW-29 during the 2026 statistical analysis. An SSL for cobalt at monitoring well MW-29 has historically been observed. The cobalt statistical background standard calculated from upgradient monitoring well data is 0.00281 mg/L. However, due to high cobalt concentrations sitewide, a site-specific standard of 0.0137 mg/L has been established. Historical concentrations at PZ-13, which is downgradient of MW-29, have been either non-detect or estimated concentrations below the reporting limit (J-flagged). This data suggests that elevated cobalt concentrations are bracketed in the downgradient area of the Site.

2.5.4 Vinyl Chloride (Figure 4)

SSLs for VC were identified at monitoring wells MW-29 and MW-30R during the 2026 statistical analysis. This is consistent with historical SSLs, and no new SSLs for VC were identified during the 2026 sampling event. VC concentrations in surrounding monitoring wells MW-14R, MW-31R, MW-32R, MW-33R, MW-39, MW-68, MW-69, MW-70, and PZ-13 have been either non-detect or estimated concentrations below the reporting limit (J-flagged) in recent years (since 2009), except for MW-69 (2021, 2023, 2024, 2025 and 2026) and MW-14R (2022, 2023, 2025, and 2026). This indicates VC concentrations appear to be bracketed onsite. The VC concentration measured in the groundwater sample at monitoring well MW-14R during the 2026 annual monitoring event was above the GWPS of 2 µg/L. This has been observed for the last two sampling events in 2025 and 2026, with higher a VC concentration in 2026. VC will continue to be monitored at MW-14R to see whether the plume is changing over time.

2.6 Source Control Evaluation

Source control evaluation includes comparing the landfill gas and leachate collection activities to groundwater quality. Previous measurements suggested that leachate and subsurface gas migration have impacted groundwater at the Site. MWA maintains leachate and landfill gas collection systems in the Phase I MSWLF unit. A Leachate Control System Performance and Evaluation Report (LCSPER) and landfill gas summary will be submitted to IDNR with the Phase II AWQR. In addition to the landfill gas and leachate collection activities, source control actions have included the following:

- 1996: Previously unknown tile line was removed.
- 2003: Two leachate lines located under the Phase IA area were plugged.
- 2003: MWA explored an option to reduce the chlorinated hydrocarbon groundwater impact through a pilot test injection of Hydrogen Release Compound (HRC) in the vicinity of monitoring well MW-29.
- 2008-2009: Final cover was installed over the Phase I landfill, including a composite final cover with a geomembrane component over the south and southwest slopes.
- 2019: The Northwest Constructed Wetlands were constructed as a new specific source control to address subsurface gas migration.

Historically, there has been evidence of potential leachate impact in the south, east, and northwest CAMP areas. There has also been evidence of landfill gas impacts via subsurface migration to the east and northwest. However, the migration does not extend offsite and appears to be limited to the area immediately adjacent to the Phase I MSWLF unit.

Leachate and landfill gas are extracted by dual-extraction wells (DEWs) throughout the Site. Extracted volumes and leachate levels in the DEWs are monitored. Active extraction wells that operate near the designated CAMP areas are listed below. DEWs listed in bold font indicate wells that extract both leachate and landfill gas, and DEWs that are not bolded indicate that the wells extract leachate only. The status of pumping and extraction of individual DEWs may vary based on site operations.

South:

- **DEW-8R**
- DEW-9R08
- DEW-37R
- **DEW-39**
- **DEW-91**
- **DEW-94**
- DEW-98
- **DEW-100**
- **DEW-101**
- **DEW-102**
- **DEW-103**
- **DEW-111**
- **DEW-112**
- **DEW-124**
- DEW-125R

East:

- **DEW-39**
- DEW-40R
- DEW-65R
- **DEW-67**
- **DEW-70**
- **DEW-71**
- **DEW-74**
- **DEW-90**
- DEW-97R
- **DEW-126**

Northwest:

- **DEW-2R**
- **DEW-3R**
- **DEW-4R**
- **DEW-7R**
- **DEW-14**
- **DEW-16**
- **DEW-23**
- **DEW-105**
- **DEW-106**

Landfill gas extraction wells (GEWs) GEW-77, GEW-78, GEW-79, GEW-80, GEW-81, GEW-82, GEW-84, GEW-85, and GEW-101 extract landfill gas near the South area.

Ongoing collection of groundwater data will be used to evaluate whether groundwater quality is improving in response to source control activities. Total organic carbon (TOC) concentrations

will be evaluated to determine the extent of organic plume stability once sufficient data has been collected. MWA will periodically review leachate and landfill gas extraction activities and evaluate possible additional measures that could be implemented.

2.7 Surface Water Evaluation

Camp Creek surface water monitoring points are located both upstream (SW-101, SW-106, and SW-107) and downstream (SW-102 and SW-103) of the Phase I MSWLF unit. They are depicted on **Figure 5**. The surface water sampling points were sampled for arsenic, cobalt, and total suspended solids during the April 2026 sampling event. The sampling results from the past eight years (2018-2025) are summarized in **Table 4**.

There is not a considerable difference in arsenic and cobalt concentrations between the upstream and downstream sampling locations. Most of the differences appear to be correlated with high total suspended solids (TSS), particularly in the April 2018 detections at SW-106 (1240 mg/L) and SW-102 (1490 mg/L) and in September 2023 detection at SW-103 (3900 mg/L). Higher concentrations of TSS tend to be associated with higher metal concentrations. It does not appear surface water is being impacted by the Phase I MSWLF unit.

Table 4: Surface Water Summary

Monitoring Point	Date	Arsenic (mg/L)	Cobalt (mg/L)	Total Suspended Solids (mg/L)
Upstream				
SW-101	4/3/2018	0.00128J	0.000437J	9.62
	9/25/2019	0.00312	0.000452J	12
	3/10/2020	0.00111J	0.00032J	7
	9/8/2021	0.0184	0.000551	14.1
	4/18/2022	0.00317	0.00437	77.0
	9/21/2023	0.0104	0.00172	398
	10/10/2024	0.00236	0.000437J	17.6
	4/29/2025	0.00152J	0.000413J	19.8
	3/20/2026	0.00111J	0.000245J	13.7
SW-106	4/3/2018	0.00341	0.00237	1240
	9/25/2019	0.00214	0.000265J	9
	3/10/2020	0.000965J	0.000447J	2.88
	9/8/2021	0.00993	0.00197	374
	4/18/2022	0.00224	0.00107	9.62
	9/21/2023	0.00808	0.00107	39.0
	10/10/2024	0.00230	0.00112	135
	4/29/2025	0.000919J	0.000219J	5.00
	3/20/2026	0.000848J	<0.000170	<2.80
SW-107	4/3/2018	0.00145J	0.000454J	32.4
	9/25/2019	0.00296	0.000421J	12.3
	3/10/2020	0.000913J	0.000221J	8.75
	9/8/2021	0.00646	0.00102	12.6
	4/18/2022	0.000989J	0.000308J	NM
	9/21/2023	0.00458	0.000604	17.3
	10/10/2024	0.00265	0.000493J	18.3
	4/29/2025	0.00154J	0.000367J	18.7
	3/20/2026	0.000994J	0.000205J	7.00
Downstream				
SW-102	4/3/2018	0.00441	0.00678	1490
	9/25/2019	0.00396	0.000764	17.3
	3/10/2020	0.00103J	0.000375J	18.9

Monitoring Point	Date	Arsenic (mg/L)	Cobalt (mg/L)	Total Suspended Solids (mg/L)
	9/8/2021	0.00507	0.000835	6.62
	4/18/2022	0.00109J	0.000364J	10.3
	9/21/2023	Not Sampled: No Surface Water at Monitoring Location		
	10/10/2024	0.00214	0.000313J	3.50
	4/29/2025	0.00158J	0.000442J	19.6
	3/20/2026	0.00120J	0.000440J	36.7
SW-103	4/3/2018	0.00135J	0.00125	104
	9/25/2019	0.00259	0.00209	102
	3/10/2020	ND	0.000425J	4
	9/8/2021	0.00443	0.000455J	35.3
	4/18/2022	<0.00200	0.000248J	13.5
	9/21/2023	0.0131	0.0218	3900
	10/10/2024	0.00140J	0.000342J	12.2
	4/29/2025	0.00137J	0.000364J	9.63
	3/20/2026	0.000864J	0.000170J	4.00J

Notes:

mg/L = milligrams per liter

ND = Constituent was not detected above the laboratory reporting limit (RL).

NM = Constituent was not measured during the sampling event.

J = Value is above the laboratory's method detection limit (MDL) but below the RL and is therefore considered an estimated concentration.

3 Proposed Remedy End Date

The current estimated end date for completion of the remedy is June 3, 2038. The end date is evaluated annually based on the results of the analyses presented in the CAMP report. It is expected that elevated metal concentrations are predominately caused by redox reactions brought about by organics present in the groundwater and biological activity alterations. Metal concentrations are not likely to decrease appreciably as long as organics are present in groundwater. The metal concentrations are expected to decrease as source control measures and natural attenuation reduce the concentrations of organic constituents in the groundwater. It is not recommended that the end date of the proposed remedy be changed at this time.

4 Summary

The CAMP evaluation includes several analyses to monitor the performance of the selected remedy. The following is a summary of the findings of the 2026 CAMP evaluation:

1. The recent trend analyses at the 98% confidence limit indicates most well-constituent pairs evaluated were stable. 85 out of the 95 trends evaluated were stable and 5 of the 95 trends evaluated were decreasing. There were 5 out of the 95 trends evaluated that were increasing (see **Attachment 1**).
2. The longer-term trend analysis at the 98% confidence limit indicated that approximately 6% of well-constituent pairs were increasing, 20% were decreasing, and 74% were stable (see **Attachment 2**). This is a higher percentage of decreasing trends compared to 2024 (15%) and 2025 (18%), but lower than 2023 (26%). Well-constituent pairs that are considered stable is comparable to the percentages observed in 2024 (76%) and

2025 (76%). The concentrations and trends will continue to be analyzed in the 2027 CAMP evaluation.

3. The COV evaluation indicates that most constituents are stable over the most recent eight samples.
4. Organic constituents identified as SSLs in 2026 are currently stable based on the short-term trends.
5. Concentration maps were updated for arsenic, cobalt, benzene, and VC.
6. Source control infrastructure in the form of leachate and landfill gas extraction systems has been installed in the Phase I MSWLF unit. Measurements suggest leachate has historically impacted groundwater quality and subsurface gas migration has impacted groundwater in the east and northwest areas of the Site. MWA has implemented measures to address the subsurface gas migration via completion of the Northwest Constructed Wetlands project in 2019.
7. Downstream surface water monitoring points exhibit similar arsenic and cobalt concentrations when compared to upstream monitoring points. It appears surface water is not being adversely impacted by the Phase I MSWLF unit.

5 Recommendations

Based on the CAMP evaluations prepared herein, the following items are recommended:

1. Continue CAMP groundwater sampling in accordance with **Table 1**.
2. Adjustment of the current remedy completion timeframe is not recommended at this point. The remedy completion date will remain June 3, 2038.

Figures

This page intentionally left blank

Attachment 1

Recent Trend Mann-Kendall Summary Table

This page intentionally left blank

Attachment 2

Long-Term Trend Mann-Kendall Summary Table

This page intentionally left blank.

Attachment 3

Coefficient of Variation Summary Table

This page intentionally left blank.

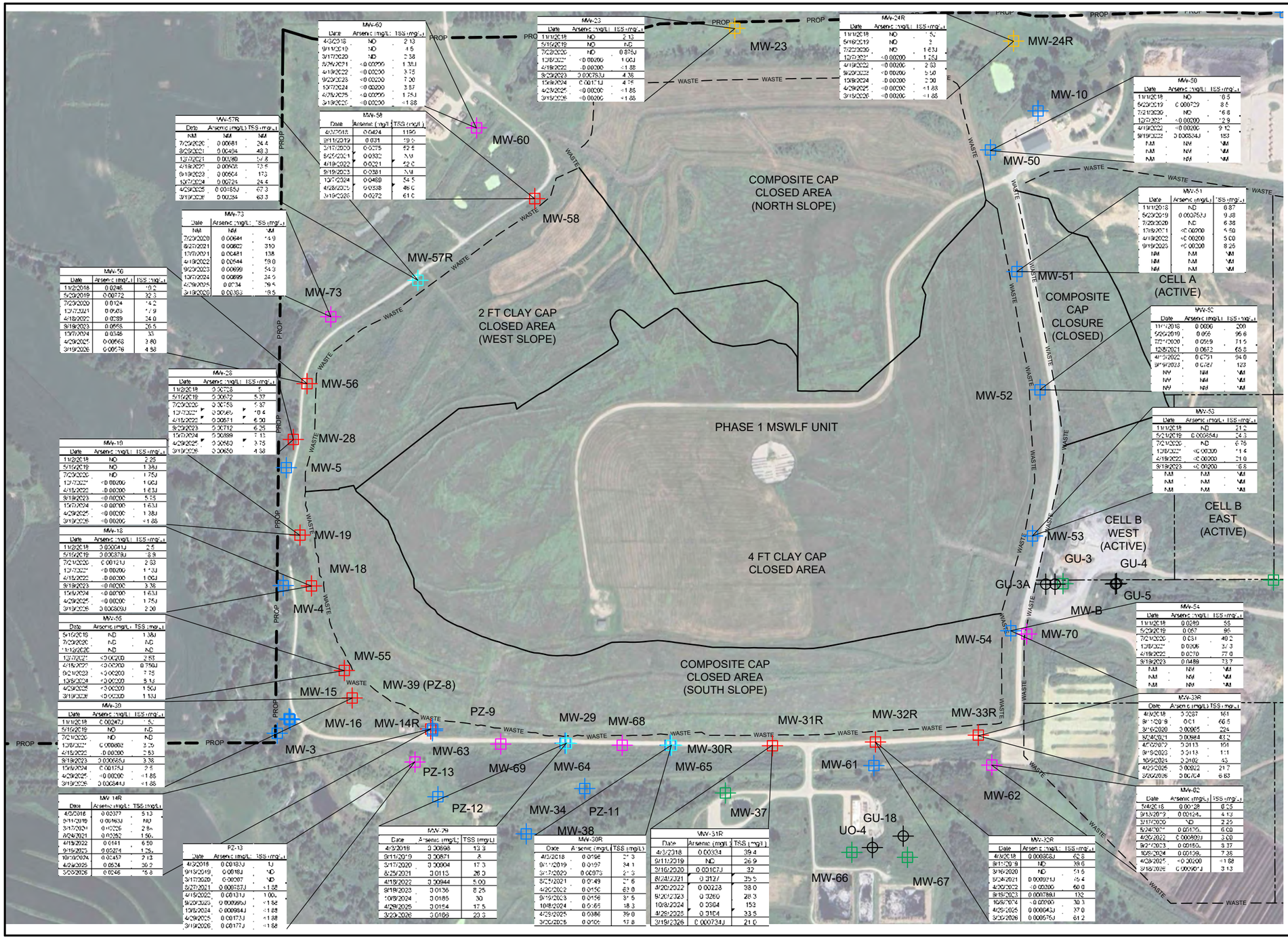
Attachment 4

Cross-Sectional Time Series Graphs

This page intentionally left blank.

Figures

This page intentionally left blank



MW-60		
Date	Arsenic (mg/L)	TSS (mg/L)
4/3/2018	ND	2.13
9/11/2019	ND	4.5
3/17/2020	ND	2.38
8/24/2021	<0.00200	1.38J
4/19/2022	<0.00200	3.75
9/20/2023	<0.00200	7.20
10/7/2024	<0.00200	3.57
4/28/2025	<0.00200	1.75J
3/19/2026	<0.00200	<1.88

MW-23		
Date	Arsenic (mg/L)	TSS (mg/L)
1/11/2018	ND	2.13
5/16/2019	ND	ND
7/23/2020	ND	0.875J
12/7/2021	<0.00200	1.00J
4/19/2022	0.00300	<1.88
9/20/2023	0.0007853J	4.38
10/8/2024	0.0017 1J	4.75
4/29/2025	<0.00200	<1.88
3/19/2026	<0.00200	<1.88

MW-24R		
Date	Arsenic (mg/L)	TSS (mg/L)
1/11/2018	ND	5.0
5/16/2019	ND	5
7/23/2020	ND	1.63J
12/7/2021	<0.00200	1.25J
4/19/2022	<0.00200	2.63
9/20/2023	<0.00200	5.50
10/8/2024	0.00300	2.50
4/29/2025	<0.00200	<1.88
3/19/2026	<0.00200	<1.88

MW-50		
Date	Arsenic (mg/L)	TSS (mg/L)
1/11/2018	ND	9.5
5/23/2019	0.000729	8.5
7/21/2020	ND	16.8
12/7/2021	<0.00200	2.9
4/19/2022	<0.00200	9.12
9/19/2023	0.0008340	153
NM	NM	NM
NM	NM	NM
NM	NM	NM

MW-57R		
Date	Arsenic (mg/L)	TSS (mg/L)
NM	NM	NM
7/29/2020	0.00681	24.4
8/29/2021	0.00494	48.3
12/7/2021	0.00380	14.8
4/19/2022	0.00608	23.6
9/19/2023	0.00604	17.3
10/7/2024	0.00724	24.4
4/29/2025	0.0016 5J	67.3
3/19/2026	0.00384	63.3

MW-58		
Date	Arsenic (mg/L)	TSS (mg/L)
4/3/2018	0.0424	119.5
9/11/2019	0.031	19.5
3/17/2020	0.0275	52.5
8/25/2021	0.0332	NM
4/19/2022	0.0221	52.5
9/19/2023	0.0381	NM
10/7/2024	0.0469	54.5
4/28/2025	0.0338	48.0
3/19/2026	0.0272	61.0

MW-73		
Date	Arsenic (mg/L)	TSS (mg/L)
NM	NM	NM
7/29/2020	0.00644	14.9
8/27/2021	0.00662	310
12/7/2021	0.00481	138
4/19/2022	0.00544	59.0
9/20/2023	0.00699	54.3
10/7/2024	0.00899	84.9
4/29/2025	0.0034	39.5
3/19/2026	0.00383	19.5

MW-51		
Date	Arsenic (mg/L)	TSS (mg/L)
1/11/2018	ND	6.87
5/23/2019	0.000753J	9.38
7/29/2020	ND	6.38
12/8/2021	<0.00200	4.50
4/19/2022	<0.00200	5.00
9/19/2023	<0.00200	8.25
NM	NM	NM
NM	NM	NM
NM	NM	NM

MW-56		
Date	Arsenic (mg/L)	TSS (mg/L)
1/12/2018	0.0246	<0.2
5/23/2019	0.00772	32.3
7/29/2020	0.0124	14.2
12/7/2021	0.0103	17.9
4/18/2022	0.0139	34.0
9/19/2023	0.0155	20.5
10/7/2024	0.0136	33
4/29/2025	0.00568	3.80
3/19/2026	0.00578	4.88

MW-28		
Date	Arsenic (mg/L)	TSS (mg/L)
1/12/2018	0.00728	5
5/16/2019	0.00672	5.37
7/29/2020	0.00758	5.87
12/7/2021	0.00585	10.4
4/18/2022	0.00611	6.00
9/20/2023	0.00712	6.25
10/7/2024	0.00899	7.13
4/29/2025	0.00580	3.75
3/19/2026	0.00650	4.38

MW-10		
Date	Arsenic (mg/L)	TSS (mg/L)
1/12/2018	ND	2.25
5/16/2019	ND	1.38J
7/29/2020	ND	1.75J
12/7/2021	<0.00200	1.00J
4/18/2022	0.00200	1.63J
9/19/2023	<0.00200	5.75
10/7/2024	<0.00200	1.63J
4/29/2025	<0.00200	1.38J
3/19/2026	<0.00200	<1.88

MW-18		
Date	Arsenic (mg/L)	TSS (mg/L)
1/12/2018	0.00541J	2.5
5/16/2019	0.00378J	3.8
7/21/2020	0.00131J	2.63
12/7/2021	<0.00200	1.13J
4/18/2022	0.00200	1.00J
9/19/2023	<0.00200	3.38
10/7/2024	<0.00200	1.63J
4/29/2025	<0.00200	1.75J
3/19/2026	0.00305J	2.00

MW-55		
Date	Arsenic (mg/L)	TSS (mg/L)
5/16/2019	ND	1.38J
7/29/2020	ND	ND
11/19/2020	ND	ND
12/7/2021	<0.00200	2.63
4/18/2022	<0.00200	0.750J
9/21/2023	<0.00200	7.75
10/8/2024	<0.00200	5.13
4/29/2025	<0.00200	1.50J
3/19/2026	<0.00200	1.13J

MW-39		
Date	Arsenic (mg/L)	TSS (mg/L)
1/11/2018	0.00247J	5.0
5/16/2019	ND	ND
7/21/2020	ND	ND
12/8/2021	0.000882J	3.25
4/18/2022	0.00200	2.63
9/19/2023	0.000685J	3.38
10/8/2024	0.00175J	2.5
4/29/2025	<0.00200	<1.88
3/19/2026	0.00384J	<1.88

MW-14R		
Date	Arsenic (mg/L)	TSS (mg/L)
4/3/2018	0.0327	5.13
9/11/2019	0.00163J	ND
3/17/2020	0.00205	2.84
8/24/2021	0.00252	1.50
4/18/2022	0.0141	6.50
9/19/2023	0.00274	1.75
10/10/2024	0.00457	2.13
4/29/2025	0.0124	36.2
3/19/2026	0.0246	15.8

PZ-13		
Date	Arsenic (mg/L)	TSS (mg/L)
4/3/2018	0.00183J	1J
9/19/2019	0.0018J	ND
3/17/2020	0.00207	ND
8/27/2021	0.000737J	<1.88
4/19/2022	0.00137J	1.00J
9/20/2023	0.000958J	<1.88
10/8/2024	0.000984J	<1.88
4/29/2025	0.00173J	<1.88
3/19/2026	0.00177J	<1.88

MW-29		
Date	Arsenic (mg/L)	TSS (mg/L)
4/3/2018	0.00898	13.3
9/11/2019	0.00871	8
3/17/2020	0.00904	17.3
8/25/2021	0.0113	26.0
4/18/2022	0.00944	5.00
9/19/2023	0.0136	8.25
10/8/2024	0.0165	30
4/29/2025	0.0154	17.5
3/20/2026	0.0163	20.3

MW-30R		
Date	Arsenic (mg/L)	TSS (mg/L)
4/3/2018	0.0196	21.3
9/11/2019	0.0197	34.1
3/17/2020	0.00873	21.3
8/25/2021	0.0149	27.6
4/20/2022	0.0156	63.0
9/19/2023	0.0156	31.5
10/8/2024	0.0165	18.3
4/29/2025	0.0186	39.0
3/20/2026	0.0166	17.8

MW-31R		
Date	Arsenic (mg/L)	TSS (mg/L)
4/3/2018	0.00334	39.4
9/11/2019	ND	26.9
3/16/2020	0.00167J	32
8/24/2021	0.0127	35.5
4/20/2022	0.00228	38.0
9/20/2023	0.0260	28.3
10/8/2024	0.0364	153
4/28/2025	0.0164	33.5
3/19/2026	0.000734J	21.0

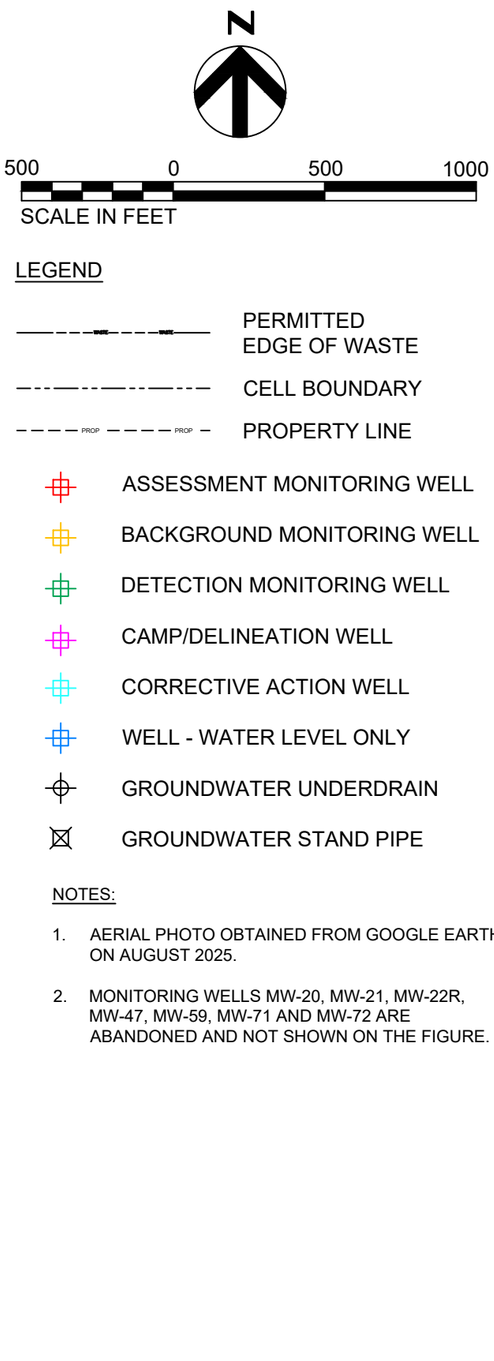
MW-32R		
Date	Arsenic (mg/L)	TSS (mg/L)
4/3/2018	0.000983J	62.8
9/11/2019	ND	39.6
3/16/2020	ND	31.6
8/24/2021	0.000921J	16.4
4/20/2022	<0.00200	60.0
9/19/2023	0.0007881	132
10/8/2024	<0.00200	30.3
4/29/2025	0.000643J	37.0
3/20/2026	0.000575J	61.2

MW-54		
Date	Arsenic (mg/L)	TSS (mg/L)
1/11/2018	0.0280	55
5/23/2019	0.057	96
7/21/2020	0.031	49.2
12/8/2021	0.0205	37.3
4/19/2022	0.0270	77.0
9/19/2023	0.0488	73.7
NM	NM	NM
NM	NM	NM
NM	NM	NM

MW-33R		
Date	Arsenic (mg/L)	TSS (mg/L)
4/3/2018	0.0287	161
9/11/2019	0.01	66.5
3/16/2020	0.00965	224
8/24/2021	0.00844	43.2
4/20/2022	0.0113	151
9/19/2023	0.0113	111
10/8/2024	0.0102	45
4/29/2025	0.00922	21.7
3/20/2026	0.00764	6.63

MW-62		
Date	Arsenic (mg/L)	TSS (mg/L)
5/4/2018	0.00128	6.25
9/13/2019	0.00124J	4.13
3/17/2020	ND	2.25
8/24/2021	0.00175J	6.00
4/20/2022	0.0009820J	3.20
9/21/2023	0.00150J	3.37
10/8/2024	0.00129J	7.38
4/28/2025	<0.00200	<1.88
3/19/2026	0.00090 1J	3.13

MW-53		
Date	Arsenic (mg/L)	TSS (mg/L)
1/11/2018	ND	21.2
5/21/2019	0.000854J	24.3
7/23/2020	ND	6.75
12/8/2021	<0.00200	11.4
4/19/2022	<0.00200	21.0
9/19/2023	<0.00200	6.5
NM	NM	NM
NM	NM	NM
NM	NM	NM



NOTES:

1. AERIAL PHOTO OBTAINED FROM GOOGLE EARTH ON AUGUST 2025.
2. MONITORING WELLS MW-20, MW-21, MW-22R, MW-47, MW-59, MW-71 AND MW-72 ARE ABANDONED AND NOT SHOWN ON THE FIGURE.

Metro Waste Authority

HDR

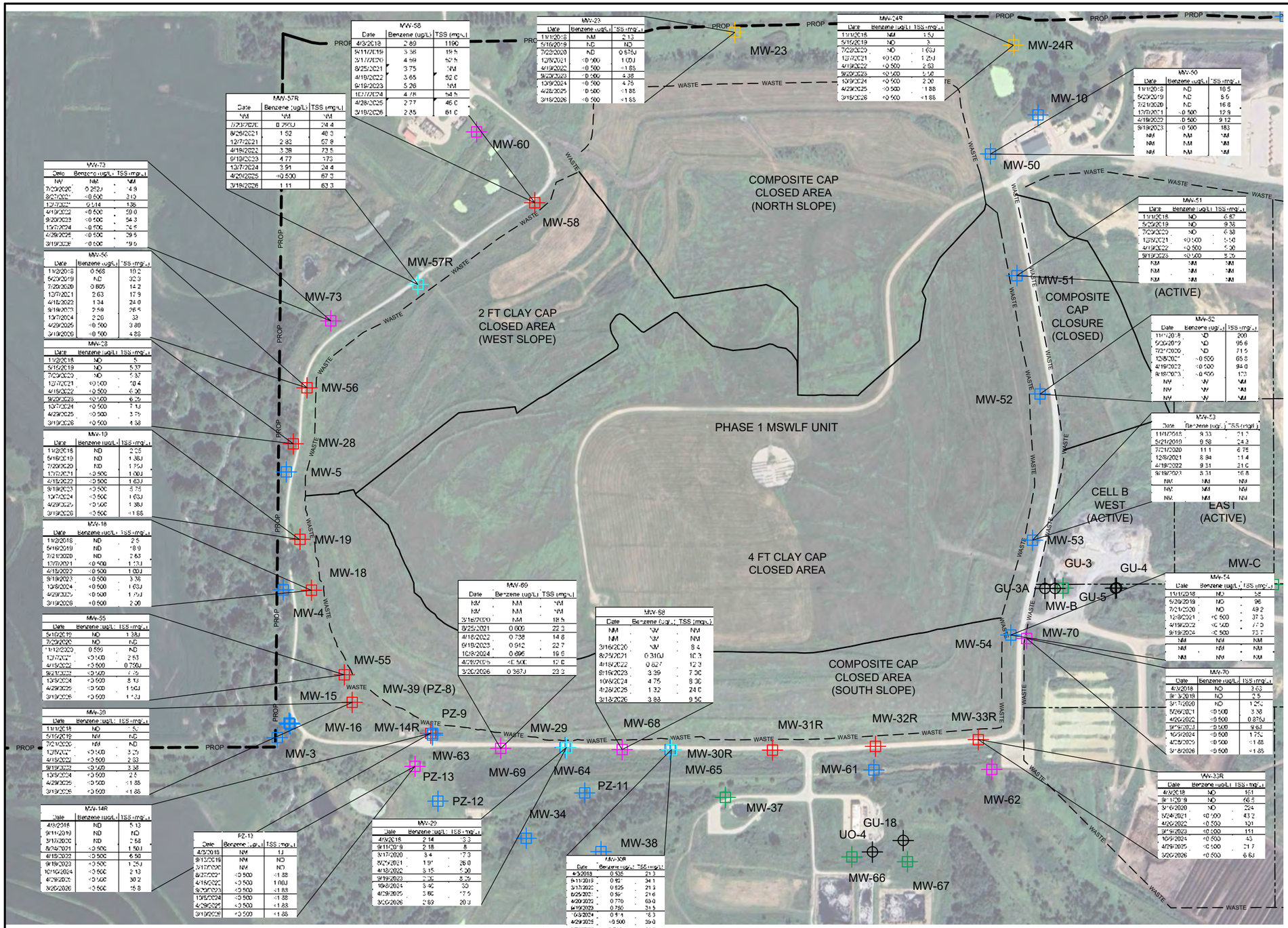
METRO WASTE AUTHORITY
METRO PARK EAST
PHASE I MSWLF UNITS

ARSENIC & TSS CONCENTRATIONS

DATE
AUGUST 2026

FIGURE
1

This page intentionally left blank.



LEGEND

- PERMITTED EDGE OF WASTE
- CELL BOUNDARY
- PROPERTY LINE
- ASSESSMENT MONITORING WELL
- BACKGROUND MONITORING WELL
- DETECTION MONITORING WELL
- CAMP/DELINEATION WELL
- CORRECTIVE ACTION WELL
- WELL - WATER LEVEL ONLY
- GROUNDWATER UNDERDRAIN
- GROUNDWATER STAND PIPE

NOTES:

1. AERIAL PHOTO OBTAINED FROM GOOGLE EARTH ON AUGUST 2025.
2. MONITORING WELLS MW-20, MW-21, MW-22R, MW-47, MW-59, MW-71 AND MW-72 ARE ABANDONED AND NOT SHOWN ON THE FIGURE.

Metro Waste Authority

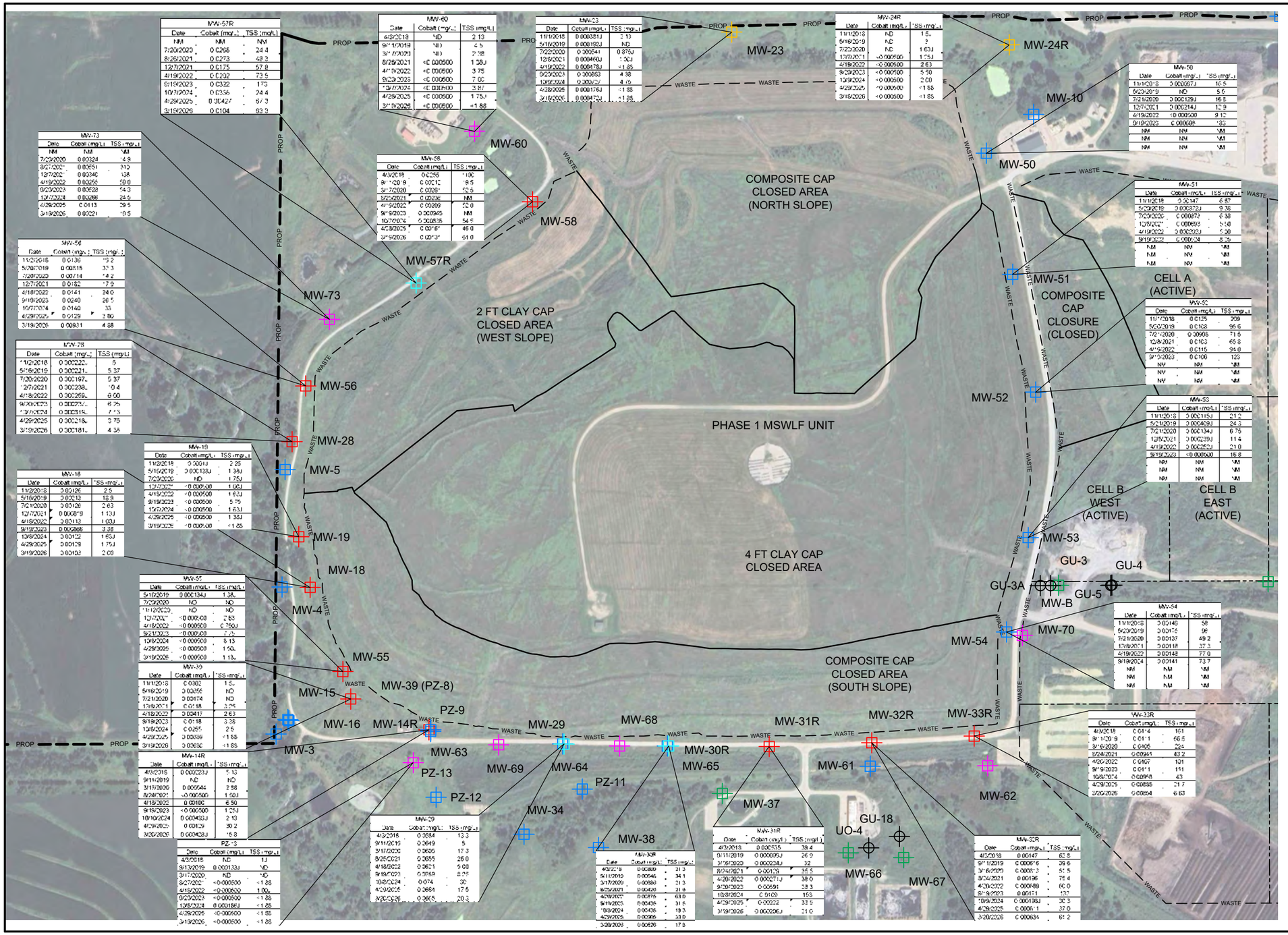
METRO WASTE AUTHORITY
METRO PARK EAST
PHASE I MSWLF UNITS

BENZENE & TSS CONCENTRATIONS

DATE
AUGUST 2026

FIGURE
2

This page intentionally left blank.



MW-57R		
Date	Cobalt (mg/L)	TSS (mg/L)
NM	NM	NM
7/20/2020	0.0266	24.4
8/26/2021	0.0273	48.3
12/7/2021	0.0175	57.8
4/19/2022	0.0292	73.5
9/19/2023	0.0322	175
10/7/2024	0.0356	24.4
4/29/2025	0.00427	57.3
3/19/2026	0.0104	83.3

MW-60		
Date	Cobalt (mg/L)	TSS (mg/L)
4/3/2018	ND	2.13
5/17/2019	ND	2.5
3/17/2020	ND	2.38
8/26/2021	<0.000500	1.38J
4/19/2022	<0.000500	3.75
9/20/2023	<0.000500	7.00
10/7/2024	<0.000500	3.87
4/29/2025	<0.000500	1.75J
3/19/2026	<0.000500	<1.88

MW-23		
Date	Cobalt (mg/L)	TSS (mg/L)
11/1/2018	0.000831J	2.13
5/16/2019	0.000192J	ND
7/23/2020	0.00954	0.875J
12/8/2021	0.000446J	1.30J
4/19/2022	0.000478J	<1.88
9/20/2023	0.00863	4.38
10/9/2024	0.00027J	4.75
4/29/2025	0.000176J	<1.88
3/18/2026	0.000472J	<1.88

MW-24R		
Date	Cobalt (mg/L)	TSS (mg/L)
11/1/2018	ND	1.5J
5/16/2019	ND	2
7/23/2020	ND	1.63J
12/7/2021	<0.000500	1.25J
4/19/2022	<0.000500	2.63
9/20/2023	<0.000500	5.50
10/9/2024	<0.000500	2.00
4/29/2025	<0.000500	<1.88
3/18/2026	<0.000500	<1.88

MW-10		
Date	Cobalt (mg/L)	TSS (mg/L)
11/2/2018	0.00041J	2.25
5/16/2019	0.000133J	1.38J
7/23/2020	ND	1.75J
12/7/2021	<0.000500	1.00J
4/18/2022	<0.000500	1.63J
9/19/2023	<0.000500	5.75
12/7/2024	<0.000500	1.63J
4/29/2025	<0.000500	1.38J
3/19/2026	<0.000500	<1.88

MW-50		
Date	Cobalt (mg/L)	TSS (mg/L)
11/1/2018	0.000697J	16.5
5/20/2019	ND	5.5
7/21/2020	0.000129J	16.5
12/7/2021	0.000214J	12.9
4/19/2022	<0.000500	9.13
9/19/2023	0.000698	7.86
NM	NM	NM
NM	NM	NM
NM	NM	NM

MW-73		
Date	Cobalt (mg/L)	TSS (mg/L)
NM	NM	NM
7/20/2020	0.00324	4.9
8/27/2021	0.00351	3.13
12/7/2021	0.00340	1.38
4/19/2022	0.00356	5.00
9/20/2023	0.00528	14.3
10/7/2024	0.00288	24.5
4/29/2025	0.0113	29.5
3/19/2026	0.00221	10.5

MW-58		
Date	Cobalt (mg/L)	TSS (mg/L)
4/4/2018	0.0255	19.0
5/17/2019	0.00515	3.75
3/17/2020	0.00281	2.50
8/25/2021	0.00396	NM
4/19/2022	0.00209	5.00
9/19/2023	0.00945	NM
10/7/2024	0.00835	5.50
4/29/2025	0.00167	46.0
3/19/2026	0.00137	5.00

MW-51		
Date	Cobalt (mg/L)	TSS (mg/L)
11/1/2018	0.00147	6.67
5/20/2019	0.000372J	9.38
7/20/2020	0.000872	6.88
12/8/2021	0.000693	5.13
4/19/2022	0.000230J	5.00
9/19/2023	0.000624	8.25
NM	NM	NM
NM	NM	NM
NM	NM	NM

MW-56		
Date	Cobalt (mg/L)	TSS (mg/L)
11/2/2018	0.0136	19.2
5/20/2019	0.00215	37.3
7/20/2020	0.00114	4.25
12/7/2021	0.0182	17.9
4/18/2022	0.0141	24.0
9/19/2023	0.0240	26.5
10/7/2024	0.0140	33
4/29/2025	0.0129	2.80
3/19/2026	0.00931	4.88

MW-52		
Date	Cobalt (mg/L)	TSS (mg/L)
11/7/2018	0.0125	209
5/20/2019	0.0108	96.6
7/21/2020	0.00905	71.5
12/8/2021	0.0103	65.6
4/19/2022	0.0115	94.0
9/19/2023	0.0106	129
NM	NM	NM
NM	NM	NM
NM	NM	NM

MW-28		
Date	Cobalt (mg/L)	TSS (mg/L)
11/2/2018	0.000222J	5
5/16/2019	0.000221J	5.37
7/20/2020	0.000197J	5.37
12/7/2021	0.000238J	10.4
4/18/2022	0.000259J	8.00
9/20/2023	0.000274J	6.75
10/7/2024	0.000315J	7.13
4/29/2025	0.000218J	3.75
3/19/2026	0.000181J	4.38

MW-53		
Date	Cobalt (mg/L)	TSS (mg/L)
11/1/2018	0.000115J	21.2
5/21/2019	0.000409J	24.3
7/21/2020	0.000134J	6.75
12/8/2021	0.000239J	11.4
4/19/2022	0.000252J	21.0
9/19/2023	<0.000500	16.8
NM	NM	NM
NM	NM	NM
NM	NM	NM

MW-18		
Date	Cobalt (mg/L)	TSS (mg/L)
11/2/2018	0.00126	2.5
5/16/2019	0.00213	18.8
7/21/2020	0.00128	2.63
12/7/2021	0.000819	1.13J
4/18/2022	0.00112	1.00J
9/19/2023	0.000866	3.38
10/8/2024	0.00122	1.63J
4/29/2025	0.00128	1.75J
3/19/2026	0.00103	2.00

MW-54		
Date	Cobalt (mg/L)	TSS (mg/L)
11/1/2018	0.00149	58
5/20/2019	0.00175	98
7/21/2020	0.00137	49.2
12/8/2021	0.00118	37.3
4/18/2022	0.00148	77.0
9/19/2024	0.00141	73.7
NM	NM	NM
NM	NM	NM
NM	NM	NM

MW-55		
Date	Cobalt (mg/L)	TSS (mg/L)
5/16/2019	0.000134J	1.38J
7/20/2020	ND	ND
11/12/2020	ND	ND
12/7/2021	<0.000500	2.63
4/18/2022	<0.000500	0.750J
9/21/2023	<0.000500	2.25
12/8/2024	<0.000500	8.13
4/29/2025	<0.000500	1.50J
3/19/2026	<0.000500	1.13J

MW-33R		
Date	Cobalt (mg/L)	TSS (mg/L)
4/4/2018	0.0174	161
5/17/2019	0.0171	66.5
3/16/2020	0.0105	224
8/24/2021	0.00941	43.2
4/20/2022	0.0107	101
9/19/2023	0.0171	151
10/8/2024	0.00958	43
4/29/2025	0.00855	21.7
3/20/2026	0.00854	6.63

MW-39		
Date	Cobalt (mg/L)	TSS (mg/L)
11/1/2018	0.0302	1.5J
5/16/2019	0.00255	ND
7/21/2020	0.00174	ND
12/8/2021	0.0118	3.25
4/18/2022	0.00417	2.63
9/19/2023	0.0118	3.38
10/8/2024	0.0251	2.5
4/29/2025	0.00359	<1.88
3/19/2026	0.00630	<1.88

MW-14R		
Date	Cobalt (mg/L)	TSS (mg/L)
4/3/2018	0.000239J	5.13
5/11/2019	ND	ND
3/17/2020	0.000544	2.88
8/24/2021	<0.000500	1.50J
4/19/2022	0.00106	6.50
9/19/2023	<0.000500	1.25J
10/10/2024	0.000453J	2.13
4/29/2025	0.00129	30.2
3/20/2026	0.000438J	16.8

MW-29		
Date	Cobalt (mg/L)	TSS (mg/L)
4/3/2018	0.0684	13.3
5/11/2019	0.0649	5
3/17/2020	0.0625	17.3
8/25/2021	0.0655	26.0
4/18/2022	0.0621	5.00
9/19/2023	0.0769	8.25
10/8/2024	0.074	30
4/29/2025	0.0684	17.5
3/20/2026	0.0605	20.3

MW-30R		
Date	Cobalt (mg/L)	TSS (mg/L)
4/3/2018	0.0639	21.3
5/11/2019	0.00546	34.1
3/17/2020	0.00588	21.3
8/25/2021	0.00426	21.8
4/20/2022	0.00875	63.0
9/19/2023	0.00436	31.5
10/9/2024	0.00436	19.3
4/29/2025	0.00366	33.0
3/20/2026	0.00526	17.8

MW-31R		
Date	Cobalt (mg/L)	TSS (mg/L)
4/3/2018	0.00535	39.4
5/11/2019	0.000095J	26.9
3/16/2020	0.000234J	32
8/24/2021	0.00125	35.5
4/20/2022	0.000271J	38.0
9/20/2023	0.00591	28.3
10/8/2024	0.0109	153
4/29/2025	0.00222	33.5
3/19/2026	0.000206J	31.0

MW-32R		
Date	Cobalt (mg/L)	TSS (mg/L)
4/3/2018	0.00147	62.5
5/11/2019	0.000616	39.6
3/16/2020	0.000613	51.5
8/24/2021	0.00196	75.4
4/20/2022	0.000488	60.0
9/19/2023	0.00171	130
10/8/2024	0.000136J	30.3
4/28/2025	0.00061	37.0
3/20/2026	0.000634	61.2

PZ-13		
Date	Cobalt (mg/L)	TSS (mg/L)
4/3/2018	ND	1J
5/13/2019	0.000133J	ND
3/17/2020	ND	ND
8/27/2021	<0.000500	<1.88
4/18/2022	<0.000500	1.00J
9/20/2023	<0.000500	<1.88
10/8/2024	0.000186J	<1.88
4/29/2025	<0.000500	<1.88
3/19/2026	<0.000500	<1.88

N

500 0 500 1000

SCALE IN FEET

LEGEND

- PERMITTED EDGE OF WASTE
- CELL BOUNDARY
- PROPERTY LINE
- ASSESSMENT MONITORING WELL
- BACKGROUND MONITORING WELL
- DETECTION MONITORING WELL
- CAMP/DELINEATION WELL
- CORRECTIVE ACTION WELL
- WELL - WATER LEVEL ONLY
- GROUNDWATER UNDERDRAIN
- GROUNDWATER STAND PIPE

NOTES:

1. AERIAL PHOTO OBTAINED FROM GOOGLE EARTH ON AUGUST 2025.
2. MONITORING WELLS MW-20, MW-21, MW-22R, MW-47, MW-59, MW-71 AND MW-72 ARE ABANDONED AND NOT SHOWN ON THE FIGURE.

Metro Waste Authority

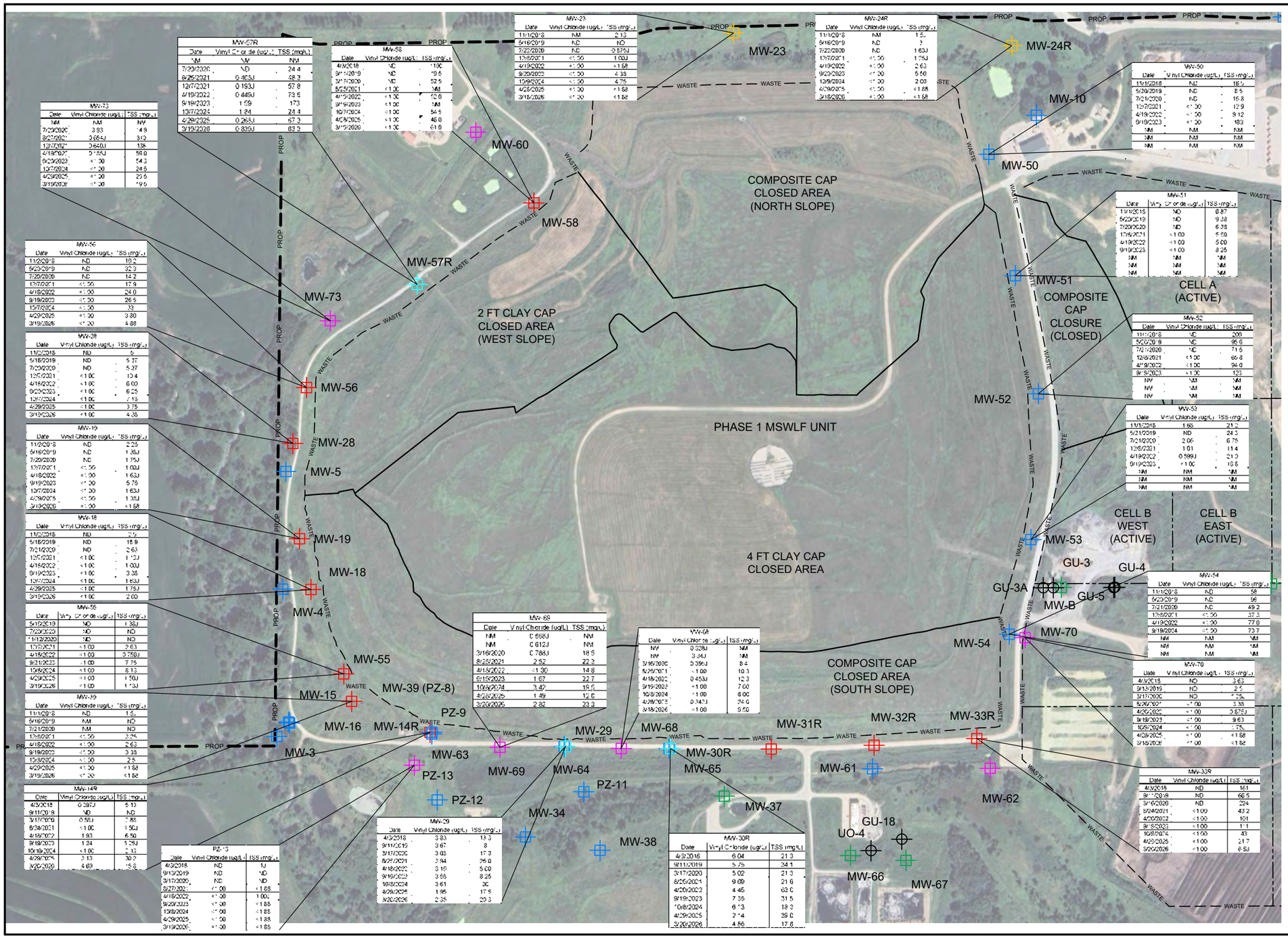
METRO WASTE AUTHORITY
METRO PARK EAST
PHASE I MSWLF UNITS

COBALT & TSS CONCENTRATIONS

DATE
AUGUST 2026

FIGURE
3

This page intentionally left blank.



N

500 0 500 1000

SCALE IN FEET

LEGEND

- PERMITTED EDGE OF WASTE
- CELL BOUNDARY
- PROPERTY LINE
- ASSESSMENT MONITORING WELL
- BACKGROUND MONITORING WELL
- DETECTION MONITORING WELL
- CAMP/DELINEATION WELL
- CORRECTIVE ACTION WELL
- WELL - WATER LEVEL ONLY
- GROUNDWATER UNDERDRAIN
- GROUNDWATER STAND PIPE

NOTES:

1. AERIAL PHOTO OBTAINED FROM GOOGLE EARTH ON AUGUST 2025.
2. MONITORING WELLS MW-20, MW-21, MW-22R, MW-47, MW-59, MW-71 AND MW-72 ARE ABANDONED AND NOT SHOWN ON THE FIGURE.

Metro Waste Authority

HDR

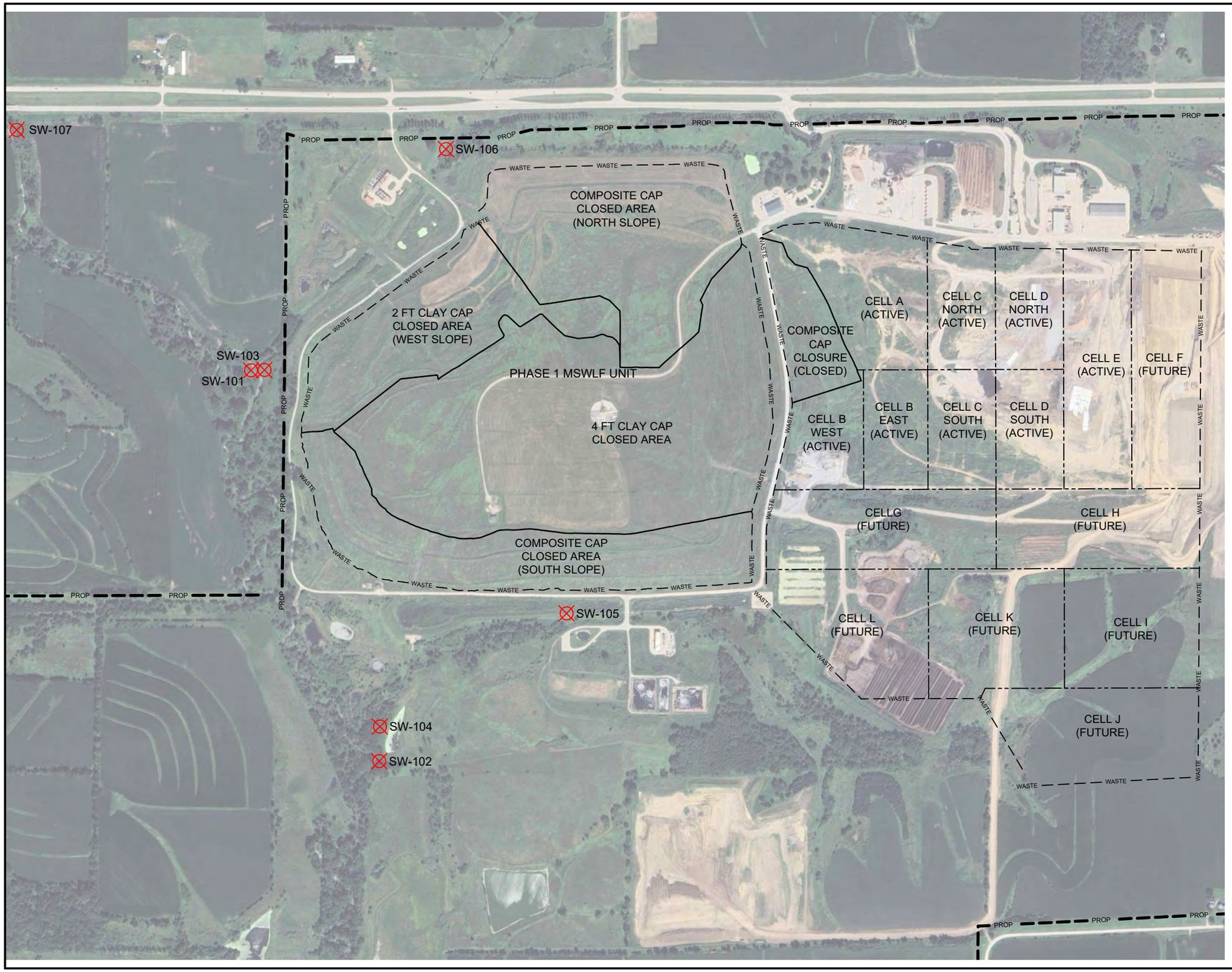
METRO WASTE AUTHORITY
METRO PARK EAST
PHASE I MSWLF UNITS

VINYL CHLORIDE & TSS CONCENTRATIONS

DATE
AUGUST 2026

FIGURE
4

This page intentionally left blank.



N

800 0 800 1600

SCALE IN FEET

SURFACE WATER SAMPLING POINTS	
SAMPLING ID	LOCATION
SW-101	UPSTREAM
SW-102	DOWNSTREAM
SW-103	DOWNSTREAM
SW-104	DOWNSTREAM
SW-105	DOWNSTREAM
SW-106	UPSTREAM
SW-107	UPSTREAM

LEGEND

- PERMITTED EDGE OF WASTE
- CELL BOUNDARY
- PROPERTY LINE
- SURFACE WATER SAMPLING POINT

NOTES:

1. AERIAL PHOTO OBTAINED FROM GOOGLE EARTH ON AUGUST 2025.

Metro Waste Authority

HDR

METRO WASTE AUTHORITY
METRO PARK EAST
PHASE I MSWLF UNITS

SURFACE WATER SAMPLING POINTS

DATE

AUGUST 2026

FIGURE

5

This page intentionally left blank.

Attachment 1

Recent Trend Mann-Kendall Summary Table

This page intentionally left blank

Attachment 1: Recent Mann-Kendall Trend Summary

Well	Constituent	95% Confidence Level (α = 0.025 per tail)			98% Confidence Level (α = 0.01 per tail)		
		Mann-Kendall Statistic for Increasing Trend	Mann-Kendall Statistic for Stable Trend	Mann-Kendall Statistic for Decreasing Trend	Mann-Kendall Statistic for Increasing Trend	Mann-Kendall Statistic for Stable Trend	Mann-Kendall Statistic for Decreasing Trend
MW-14R	1,1-Dichloroethane	23			23		
	Acetone		-13			0	
	Arsenic	22			22		
	Barium	22			22		
	Cadmium		1			1	
	cis-1,2-Dichloroethene	26			26		
	Total Organic Carbon	18				18	
	Trichloroethene		-4			-4	
	Vinyl Chloride		13			15	
MW-28	Arsenic		2			2	
MW-29	1,1-Dichloroethane		-14			-14	
	1,2-Dichloropropane		-12			-12	
	1,4-Dichlorobenzene		6			6	
	4,4'-DDD		6			8	
	Aldrin		5			-2	
	Alpha-BHC		0			-12	
	Arsenic	22			22		
	Barium			-22			-22
	Benzene		9			9	
	Beta-BHC	18				12	
	Chlorobenzene		7			7	
	cis-1,2-Dichloroethene			-18		-18	
	Cobalt		12			12	
	Endosulfan II		-9			0	
	Nickel			-22			-22
	Total Organic Carbon		-16			-16	
	trans-1,2-Dichloroethene			-24			-24
	Trichloroethene			-28			-28
	Vinyl Chloride		-10			-10	

Attachment 1: Recent Mann-Kendall Trend Summary

Well	Constituent	95% Confidence Level (α = 0.025 per tail)			98% Confidence Level (α = 0.01 per tail)		
		Mann-Kendall Statistic for Increasing Trend	Mann-Kendall Statistic for Stable Trend	Mann-Kendall Statistic for Decreasing Trend	Mann-Kendall Statistic for Increasing Trend	Mann-Kendall Statistic for Stable Trend	Mann-Kendall Statistic for Decreasing Trend
MW-30R	1,1-Dichloroethane		-10			-10	
	1,1-Dichloroethene			-19		0	
	Arsenic		6			6	
	Barium		-4			-4	
	Benzene		-10			-10	
	cis-1,2-Dichloroethene		-12			-12	
	Cobalt		3			3	
	Total Organic Carbon		-5			-5	
	trans-1,2-Dichloroethene		-2			-2	
	Trichloroethene		-10			-10	
	Vinyl Chloride		-8			-8	
MW-31R	Arsenic		4			4	
	Barium		6			6	
	Cobalt		10			10	
	Total Organic Carbon		13			13	
MW-32R	Total Organic Carbon		2			2	
MW-33R	Arsenic		-7			-7	
	Barium		-15			-15	
	Cadmium			-24			-24
	Cobalt		-15			-15	
	Total Organic Carbon		8			8	
MW-39	Cobalt		7			7	
	Nickel		-12			-12	
MW-55	1,2-Dichloroethane		-13			0	
	Acetone		-13			0	
	Barium		12			12	
	Benzene		-17			-5	

Attachment 1: Recent Mann-Kendall Trend Summary

Well	Constituent	95% Confidence Level (α = 0.025 per tail)			98% Confidence Level (α = 0.01 per tail)		
		Mann-Kendall Statistic for Increasing Trend	Mann-Kendall Statistic for Stable Trend	Mann-Kendall Statistic for Decreasing Trend	Mann-Kendall Statistic for Increasing Trend	Mann-Kendall Statistic for Stable Trend	Mann-Kendall Statistic for Decreasing Trend
MW-56	Acetone		-16			-11	
	Arsenic		-2			-2	
	Barium		0			0	
	Benzene		-5			-3	
	Chloroethane		-12			3	
	Cobalt		0			0	
	Dichlorodifluoromethane		-5			-13	
	Nickel		4			4	
	trans-1,2-Dichloroethene		-17			-4	
MW-57R	Arsenic		0			0	
	Barium		-6			-6	
	Benzene		-10			-10	
	Cadmium		-2			-2	
	cis-1,2-Dichloroethene		6			6	
	Cobalt		-2			-2	
	Lead		4			1	
	Nickel		-6			-6	
	Total Organic Carbon		-10			-10	
	trans-1,2-Dichloroethene		8			8	
	Trichloroethene		1			7	
	Vinyl Chloride		8			8	
MW-58	Acetone		-13			7	
	Arsenic		4			4	
	Barium		-2			-2	
	Benzene		-4			-4	
	Chlorobenzene		-12			-12	
	Chloroethane			-18		-18	
	Copper		0			12	
	Nickel		-7			-7	

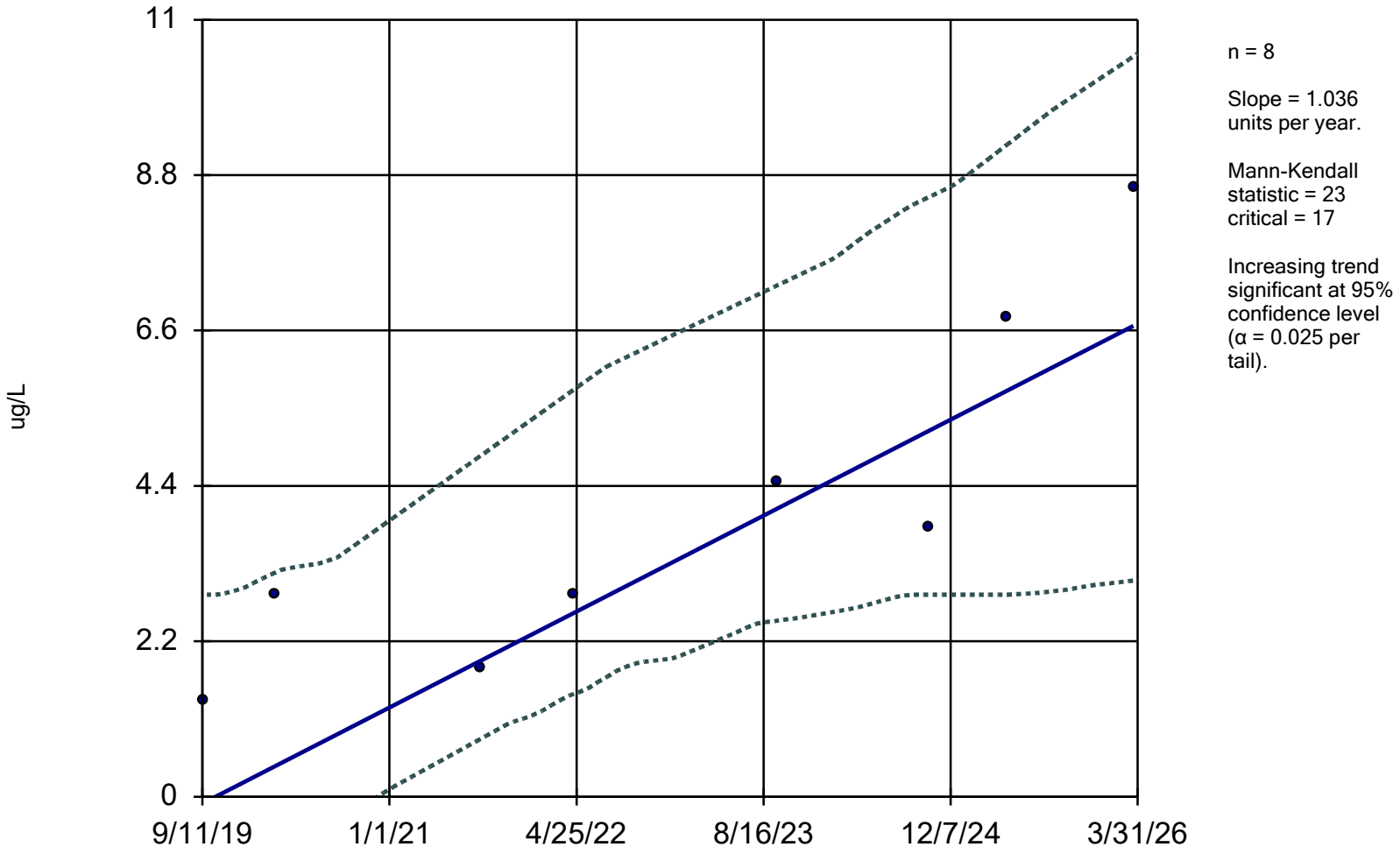
Attachment 1: Recent Mann-Kendall Trend Summary

Well	Constituent	95% Confidence Level (α = 0.025 per tail)			98% Confidence Level (α = 0.01 per tail)		
		Mann-Kendall Statistic for Increasing Trend	Mann-Kendall Statistic for Stable Trend	Mann-Kendall Statistic for Decreasing Trend	Mann-Kendall Statistic for Increasing Trend	Mann-Kendall Statistic for Stable Trend	Mann-Kendall Statistic for Decreasing Trend
MW-68	Benzene		9			9	
	cis-1,2-Dichloroethene		-12			-12	
	Trichloroethene		-10			-7	
MW-69	Benzene		-5			-5	
	1,1-Dichloroethane		-1			-1	
	cis-1,2-Dichloroethene		-16			-16	
	Trichloroethene			-19		0	
	Vinyl Chloride		16			16	
MW-70	Total Organic Carbon			-18		-18	
MW-73	Total Organic Carbon		8			8	

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-14R



n = 8

Slope = 1.036 units per year.

Mann-Kendall statistic = 23
critical = 17

Increasing trend significant at 95% confidence level (α = 0.025 per tail).

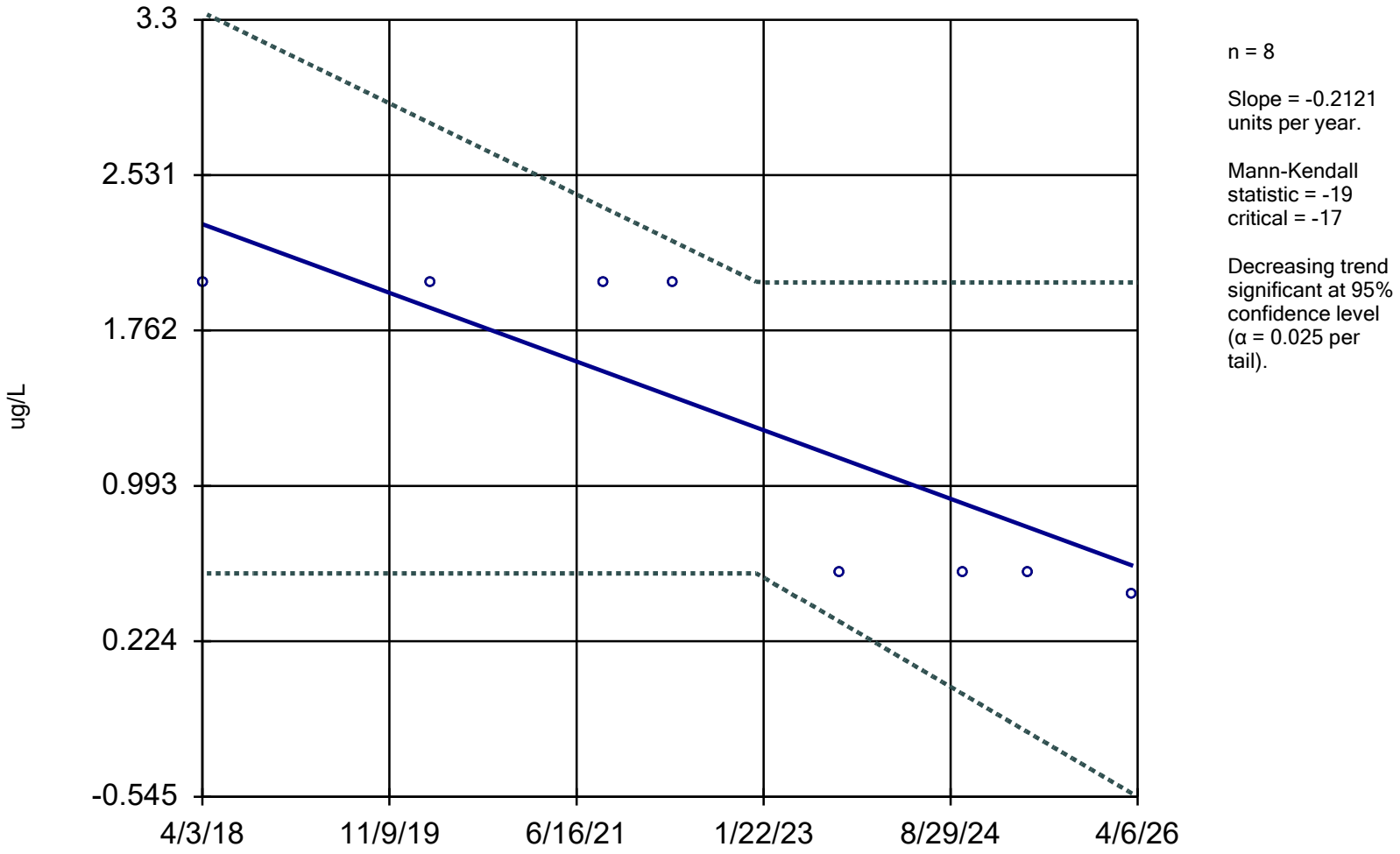
Constituent: 1,1-Dichloroethane Analysis Run 8/19/2026 12:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

GU-3A



n = 8

Slope = -0.2121 units per year.

Mann-Kendall statistic = -19
critical = -17

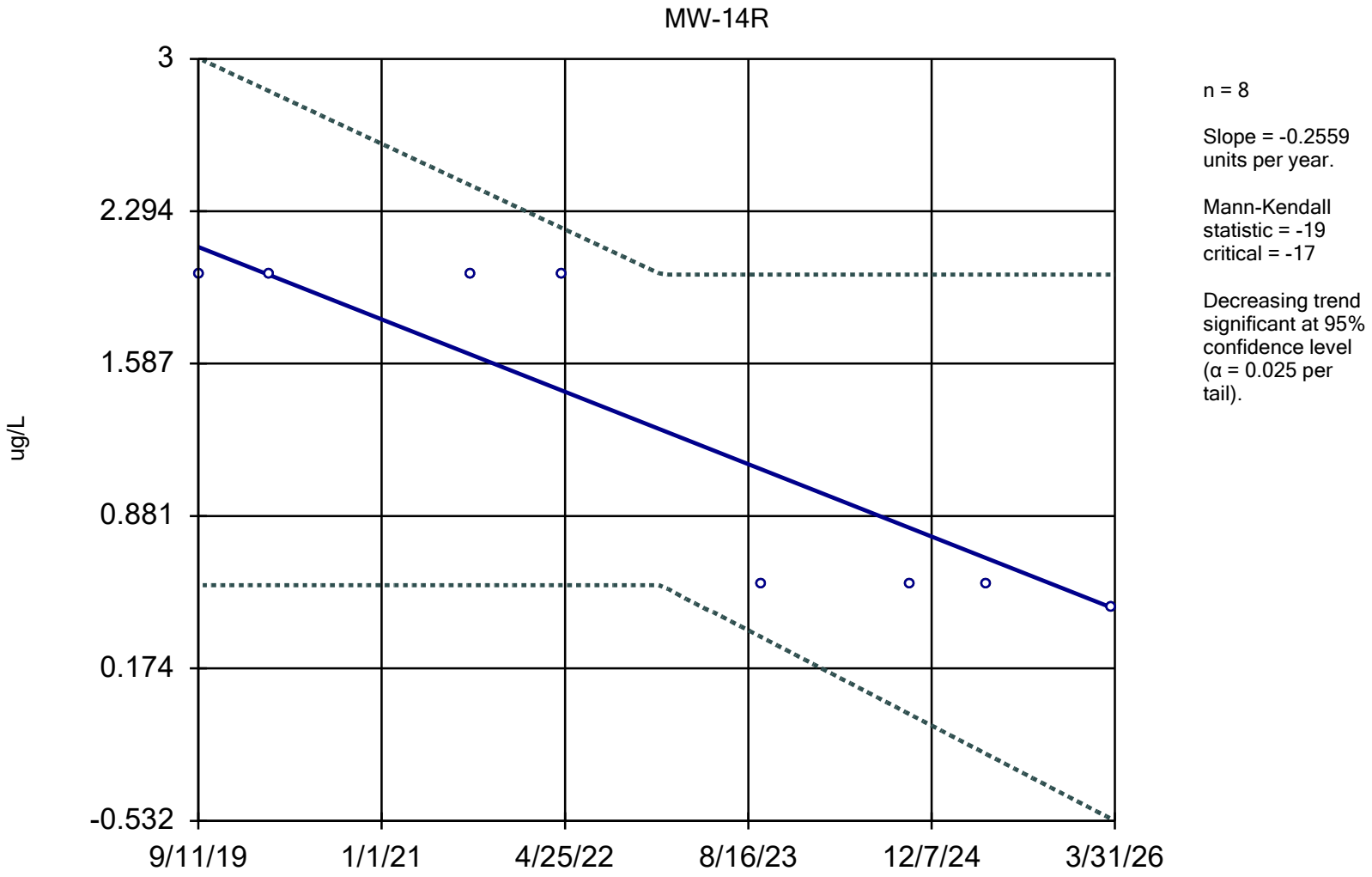
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 12:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

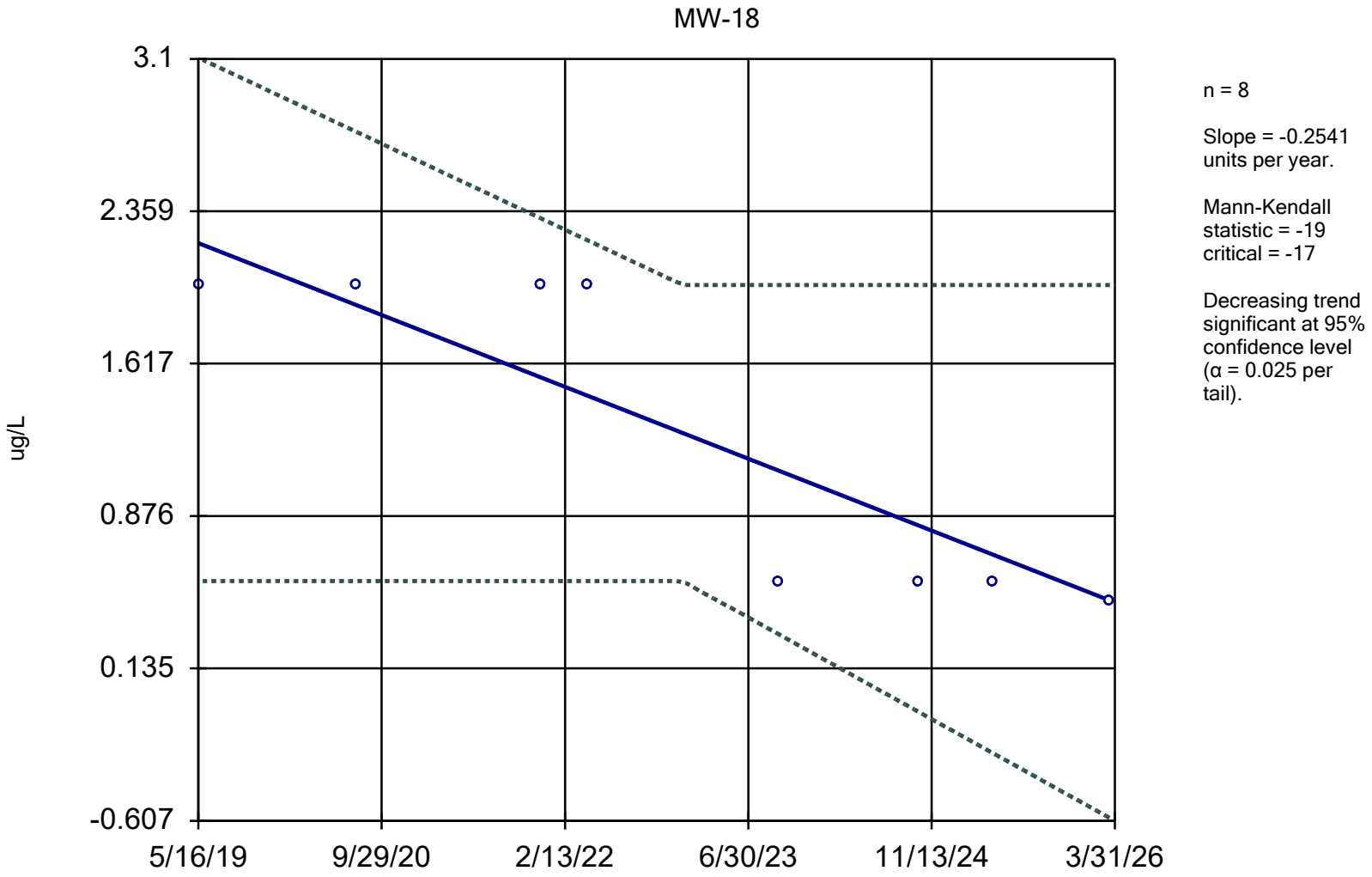


Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 12:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

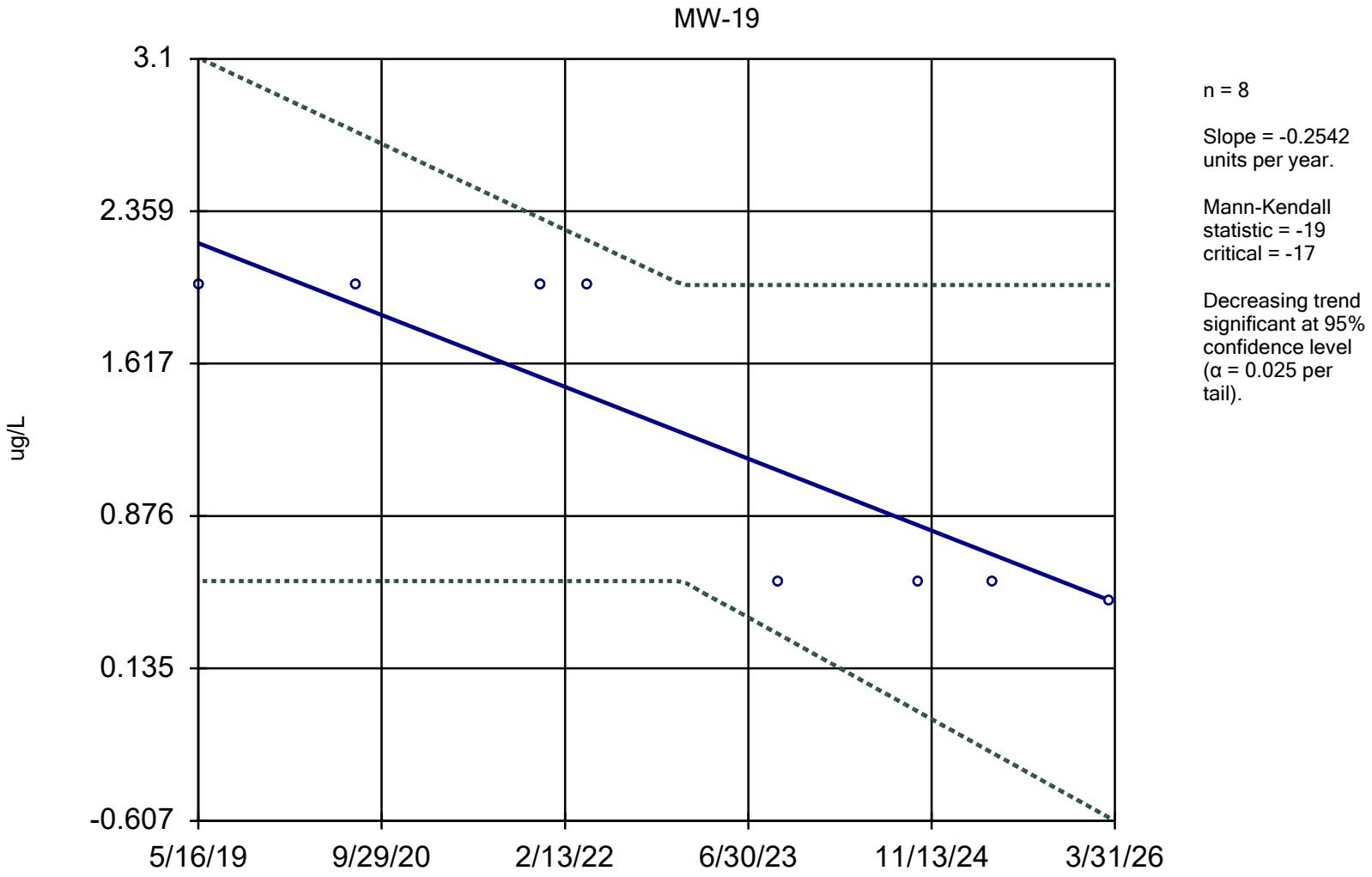


Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 12:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



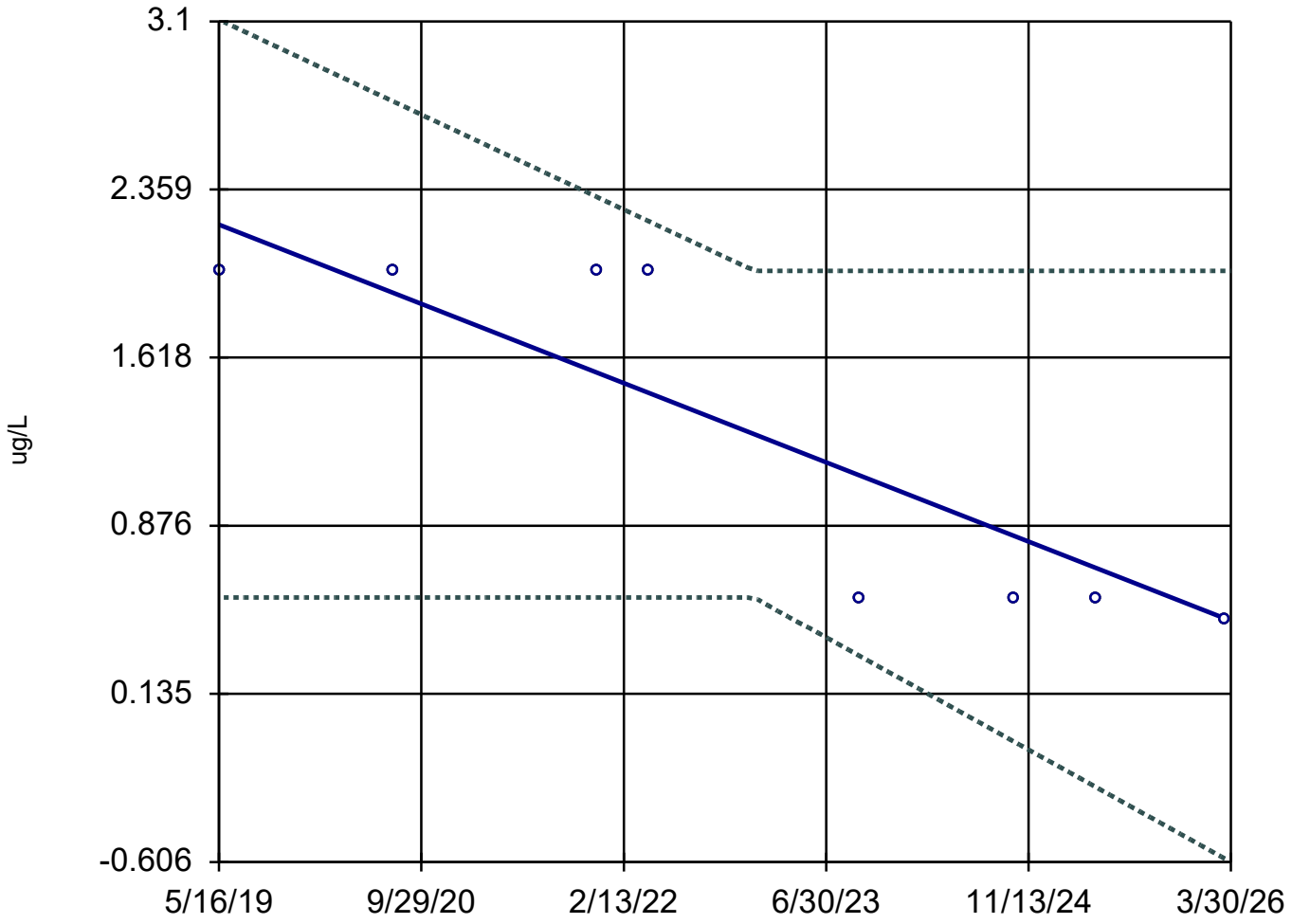
Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 12:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-23 (bg)



n = 8

Slope = -0.2541 units per year.

Mann-Kendall statistic = -19
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

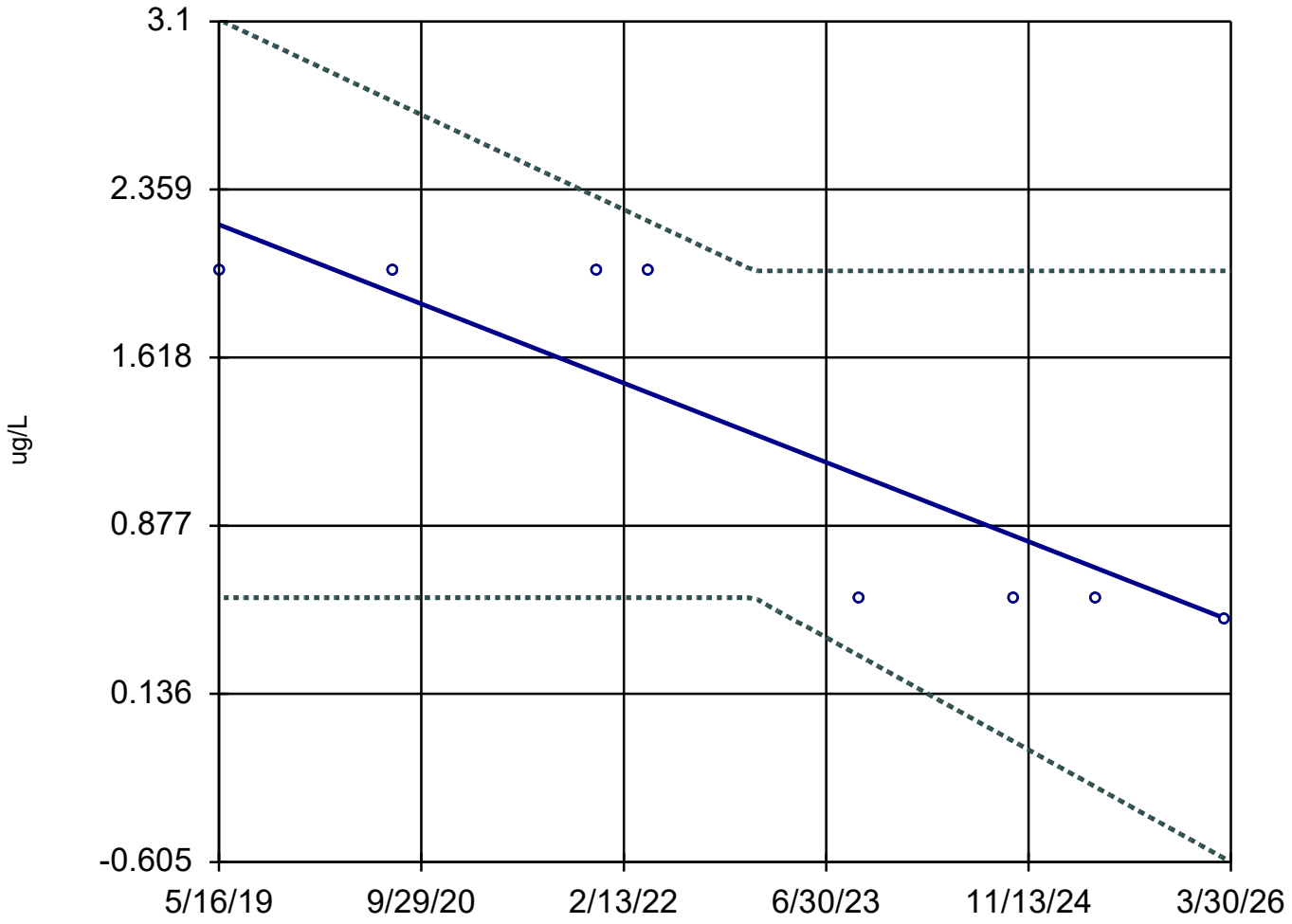
Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 12:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-24R (bg)



n = 8

Slope = -0.254 units per year.

Mann-Kendall statistic = -19
critical = -17

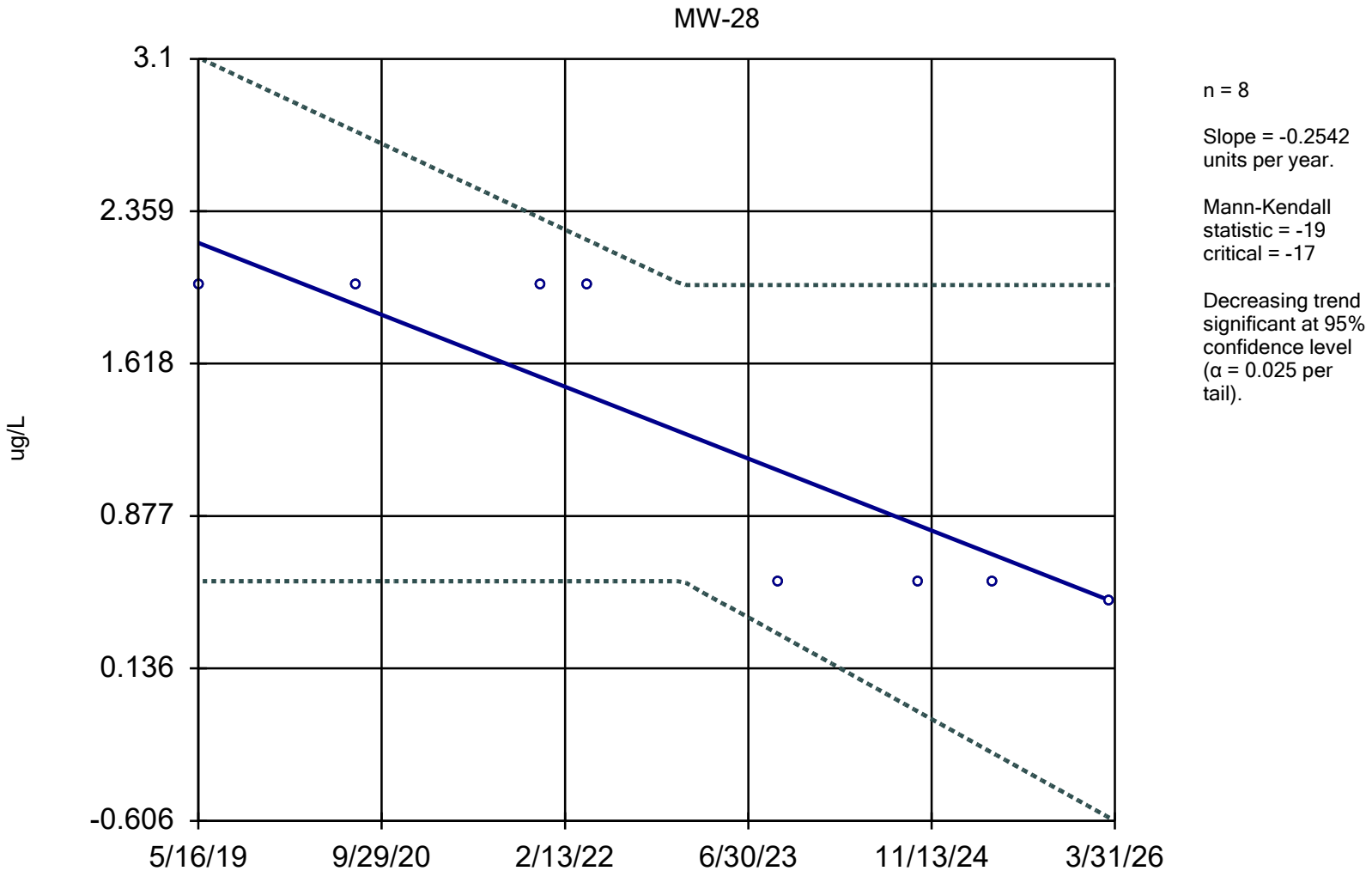
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 12:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



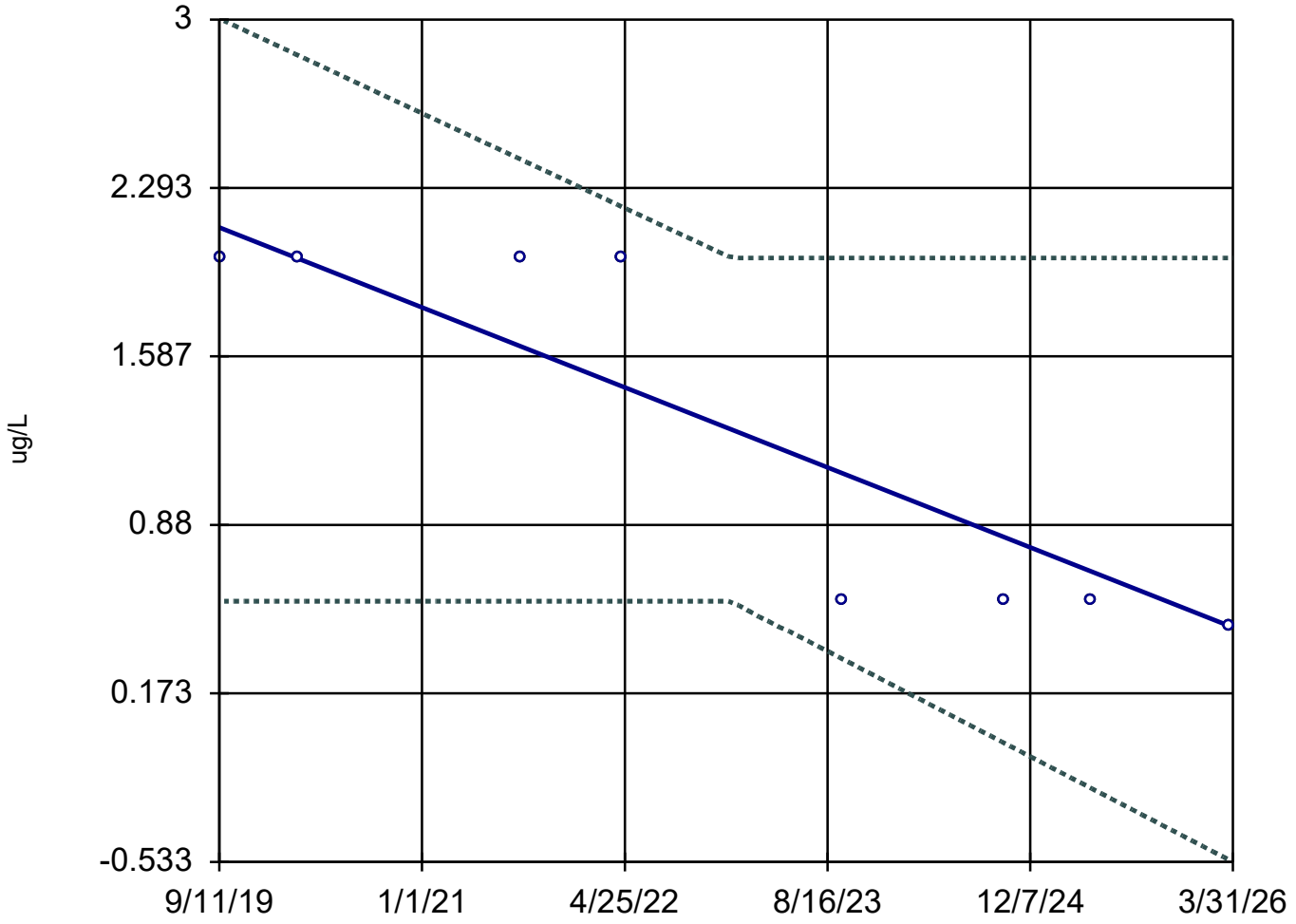
Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 12:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-29



n = 8

Slope = -0.2559 units per year.

Mann-Kendall statistic = -19
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

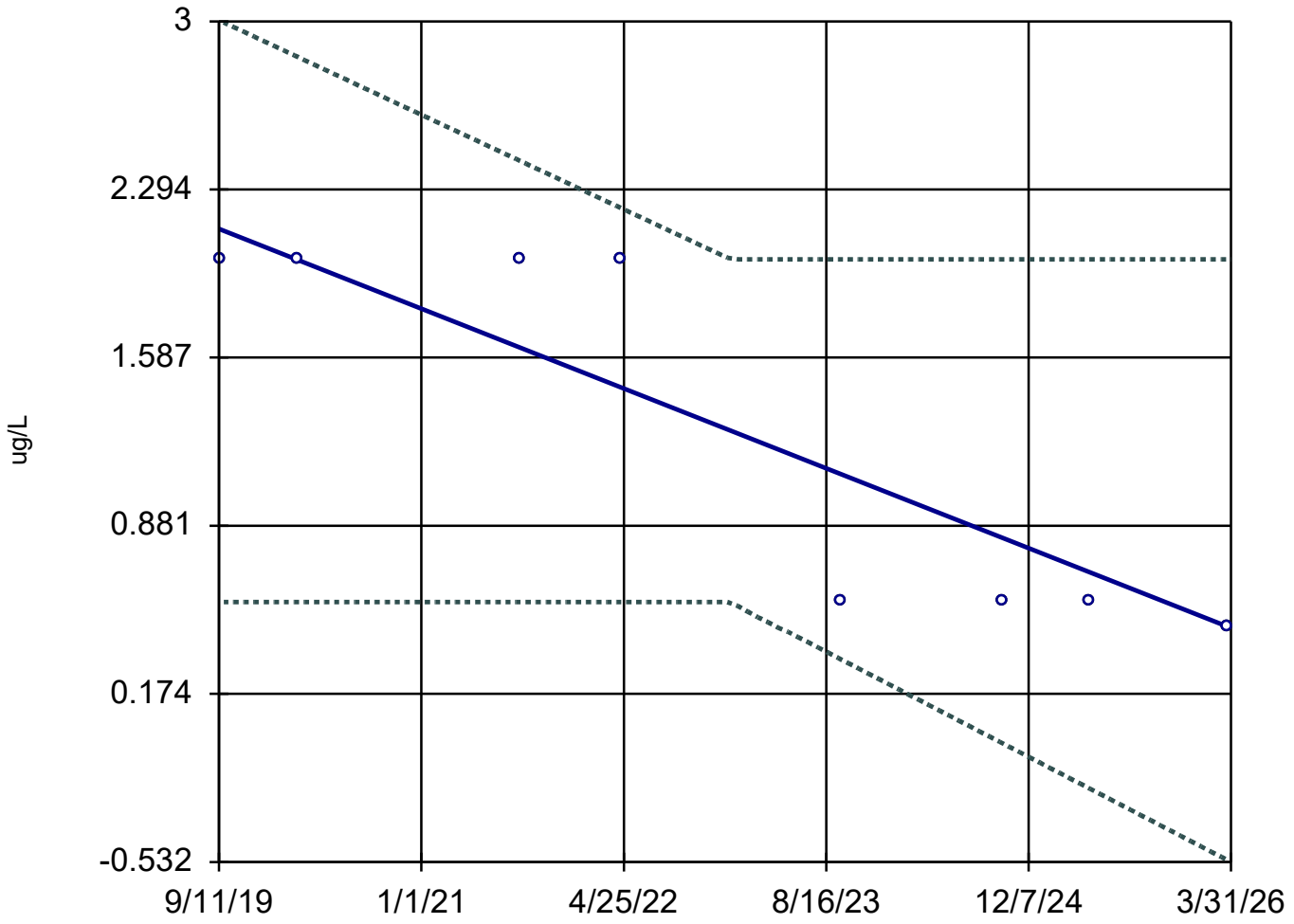
Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 12:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-30R



n = 8

Slope = -0.2559 units per year.

Mann-Kendall statistic = -19
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

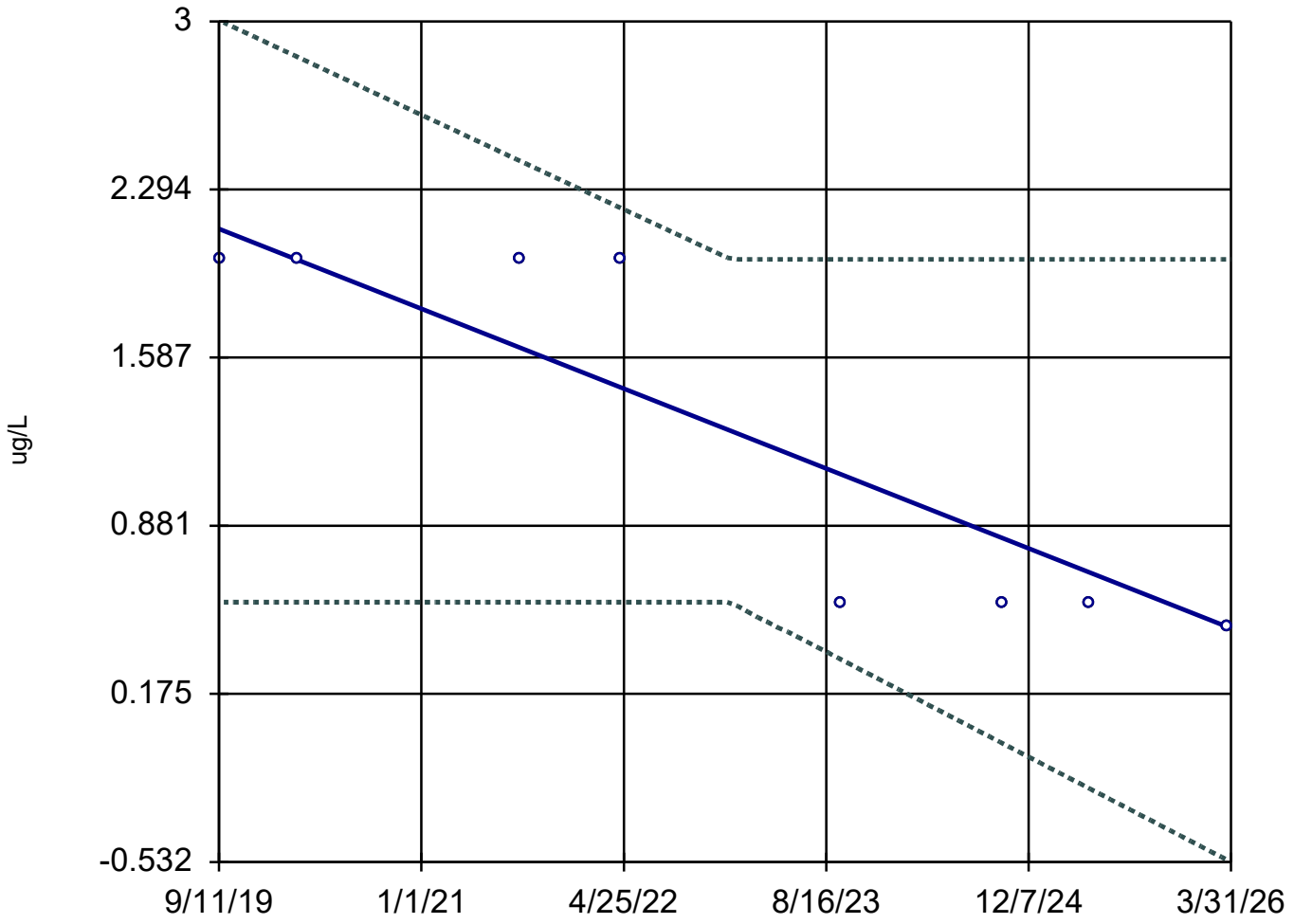
Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 12:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-33R



n = 8

Slope = -0.2558 units per year.

Mann-Kendall statistic = -19
critical = -17

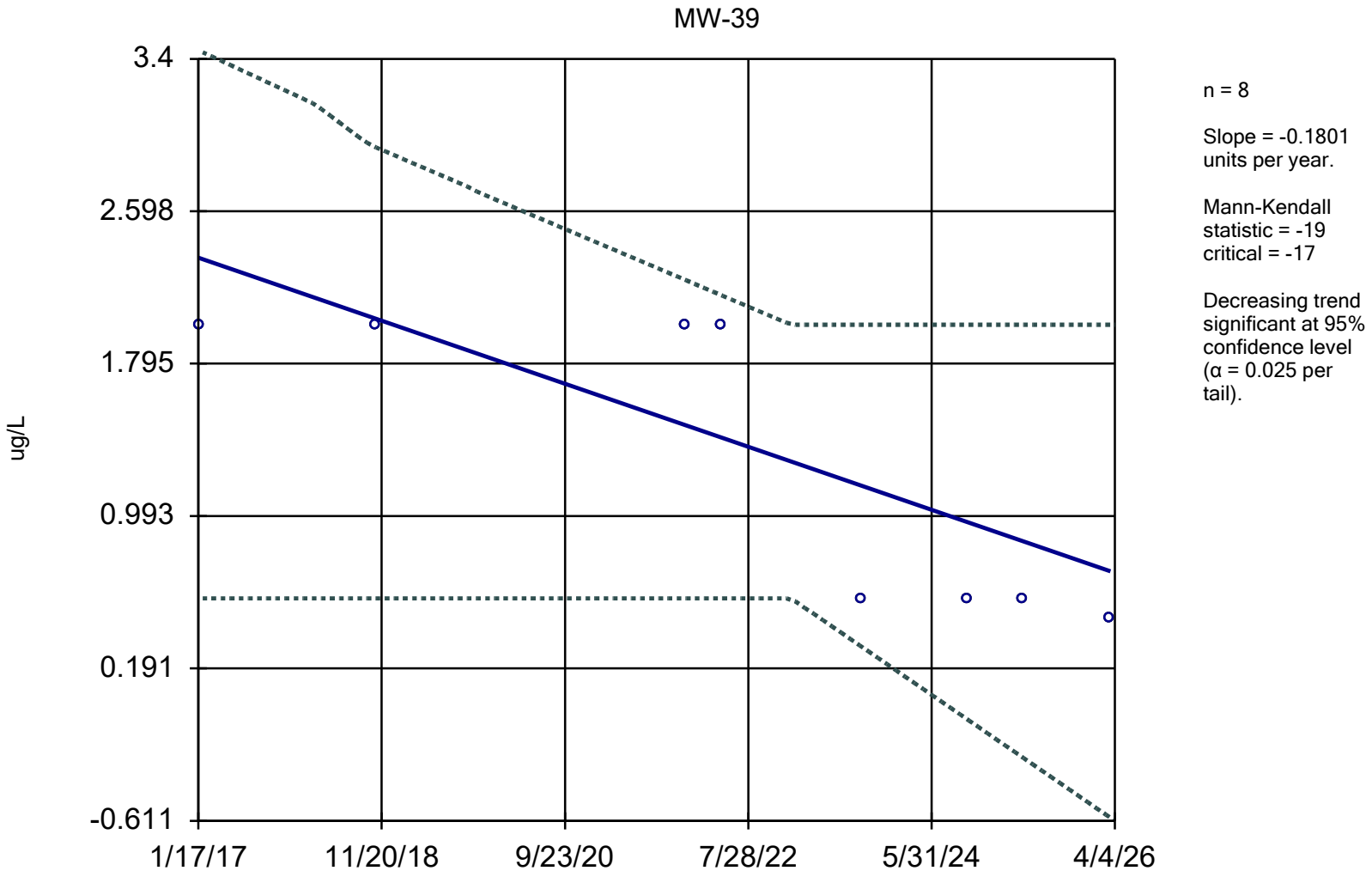
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 12:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

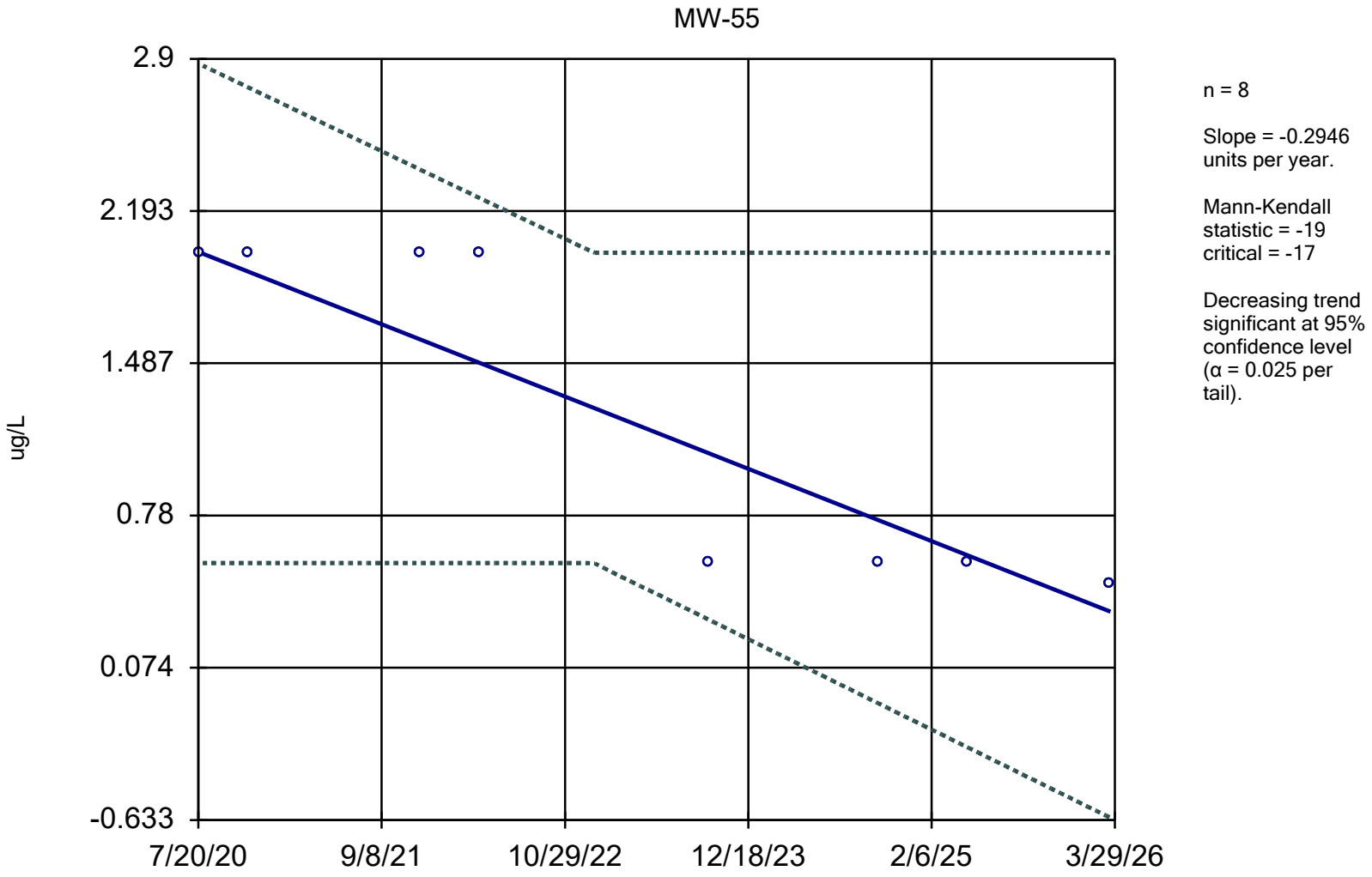


Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 12:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 8

Slope = -0.2946 units per year.

Mann-Kendall statistic = -19
critical = -17

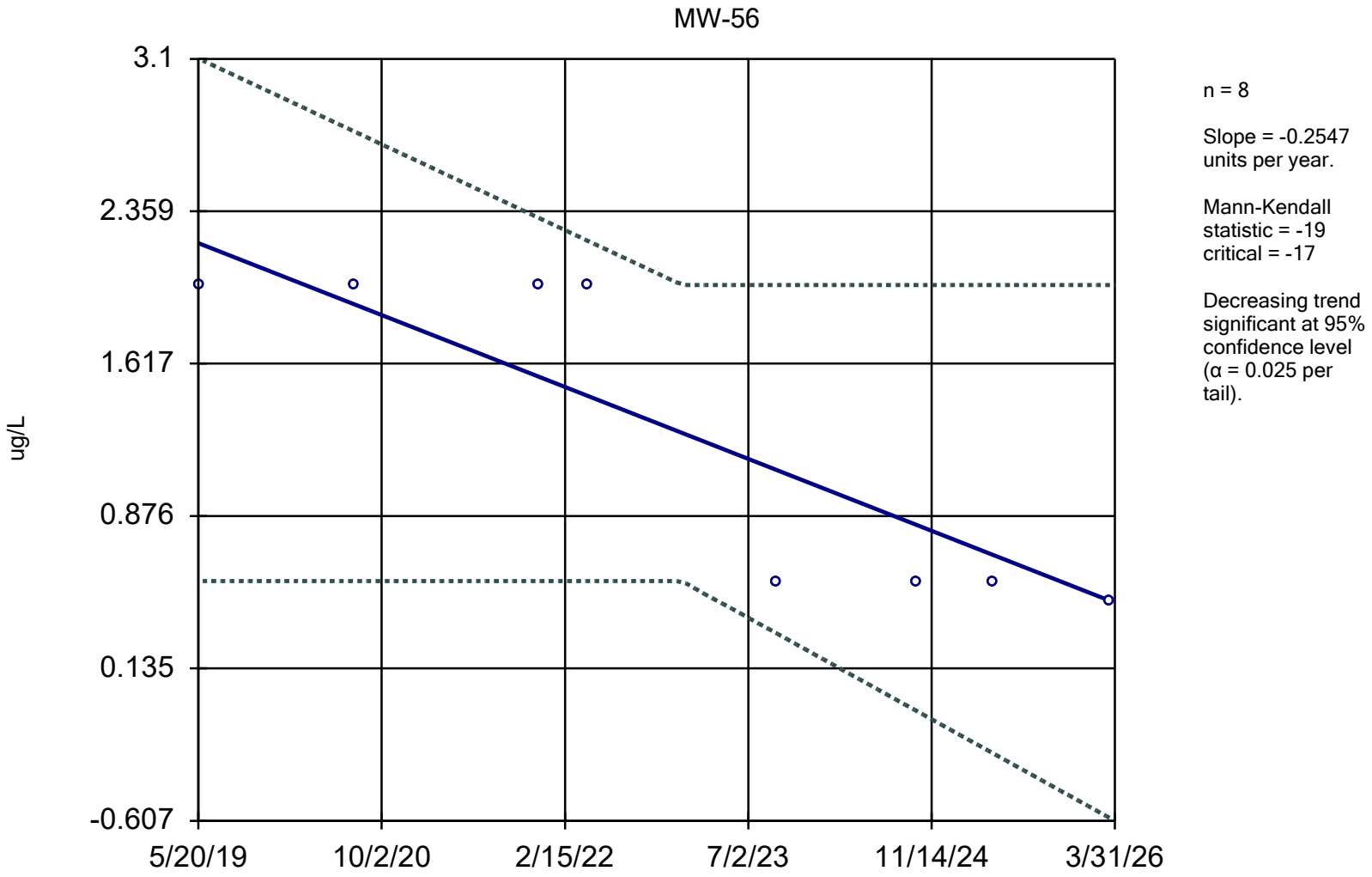
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 12:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



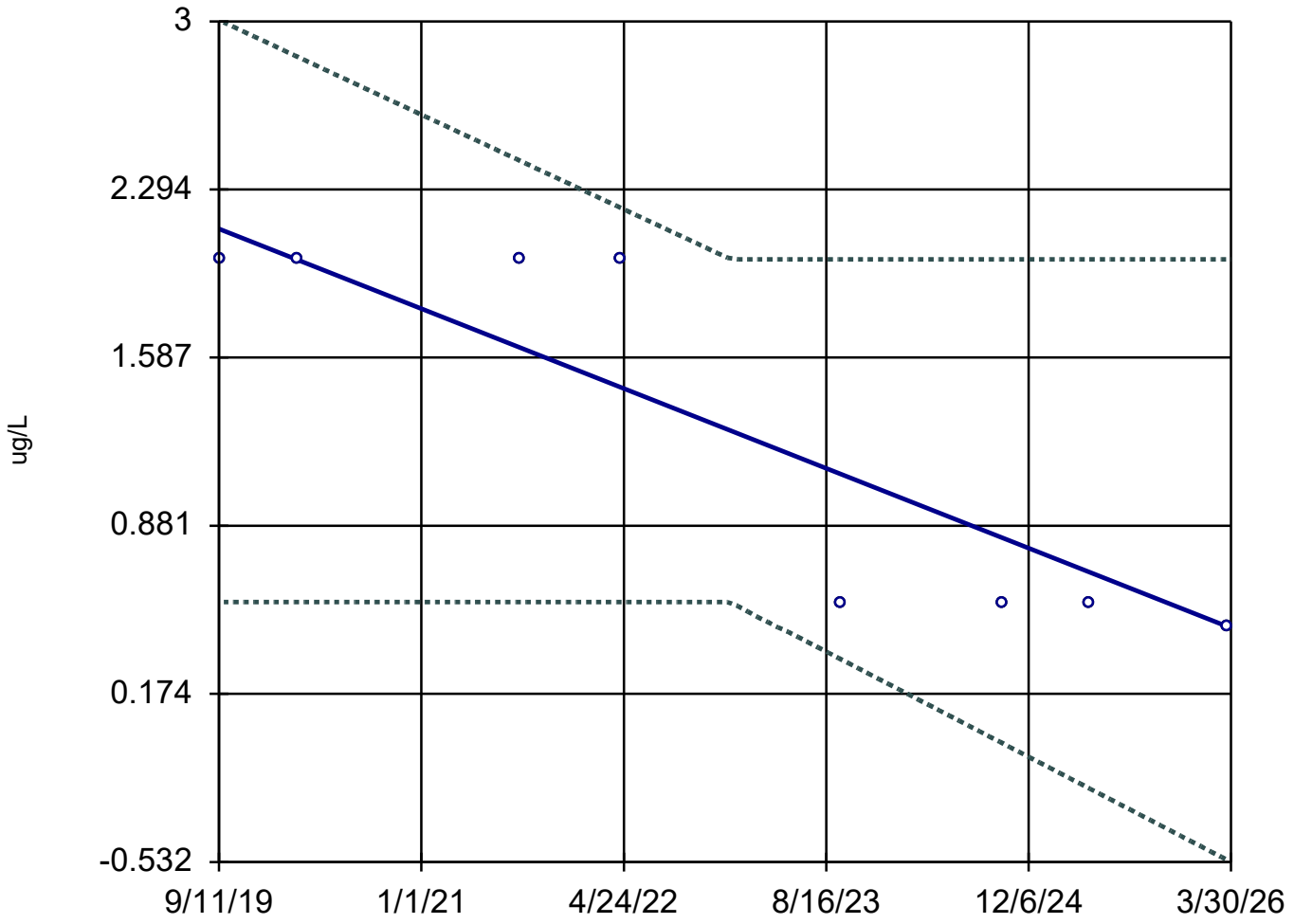
Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 12:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-58



n = 8

Slope = -0.256 units per year.

Mann-Kendall statistic = -19
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

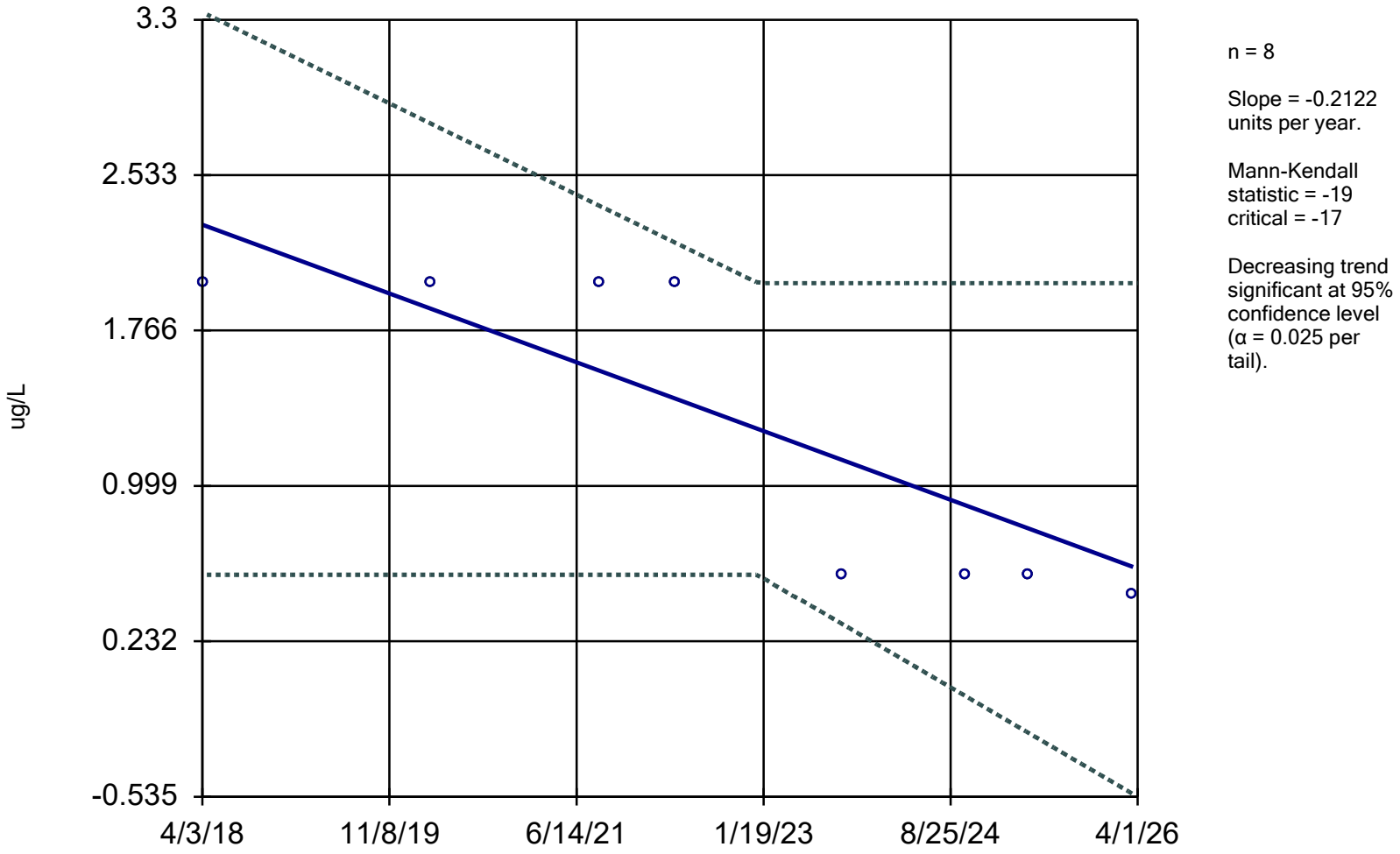
Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 12:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-68



n = 8

Slope = -0.2122 units per year.

Mann-Kendall statistic = -19
critical = -17

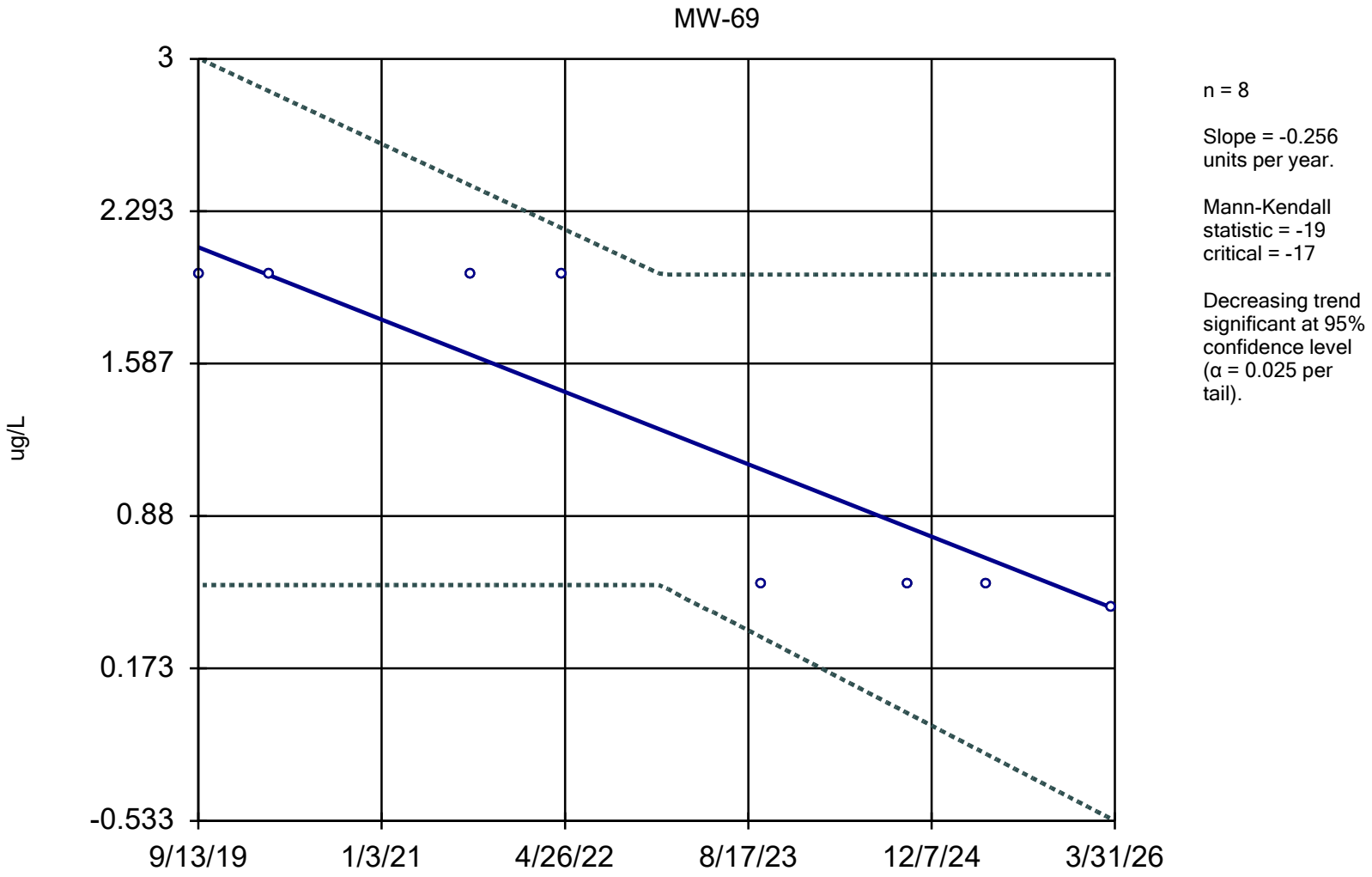
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 12:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



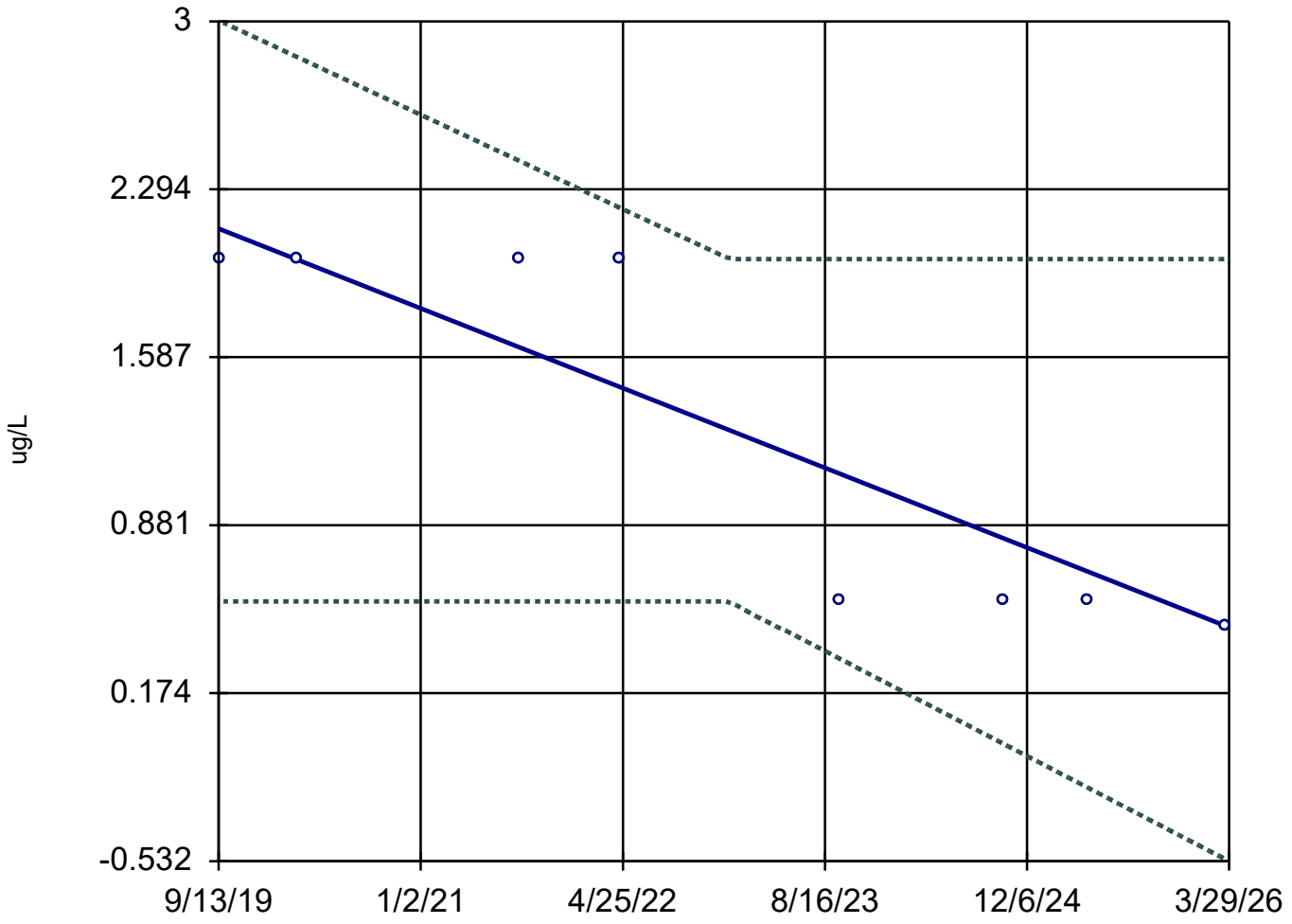
Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 12:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-70



n = 8

Slope = -0.2562 units per year.

Mann-Kendall statistic = -19
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

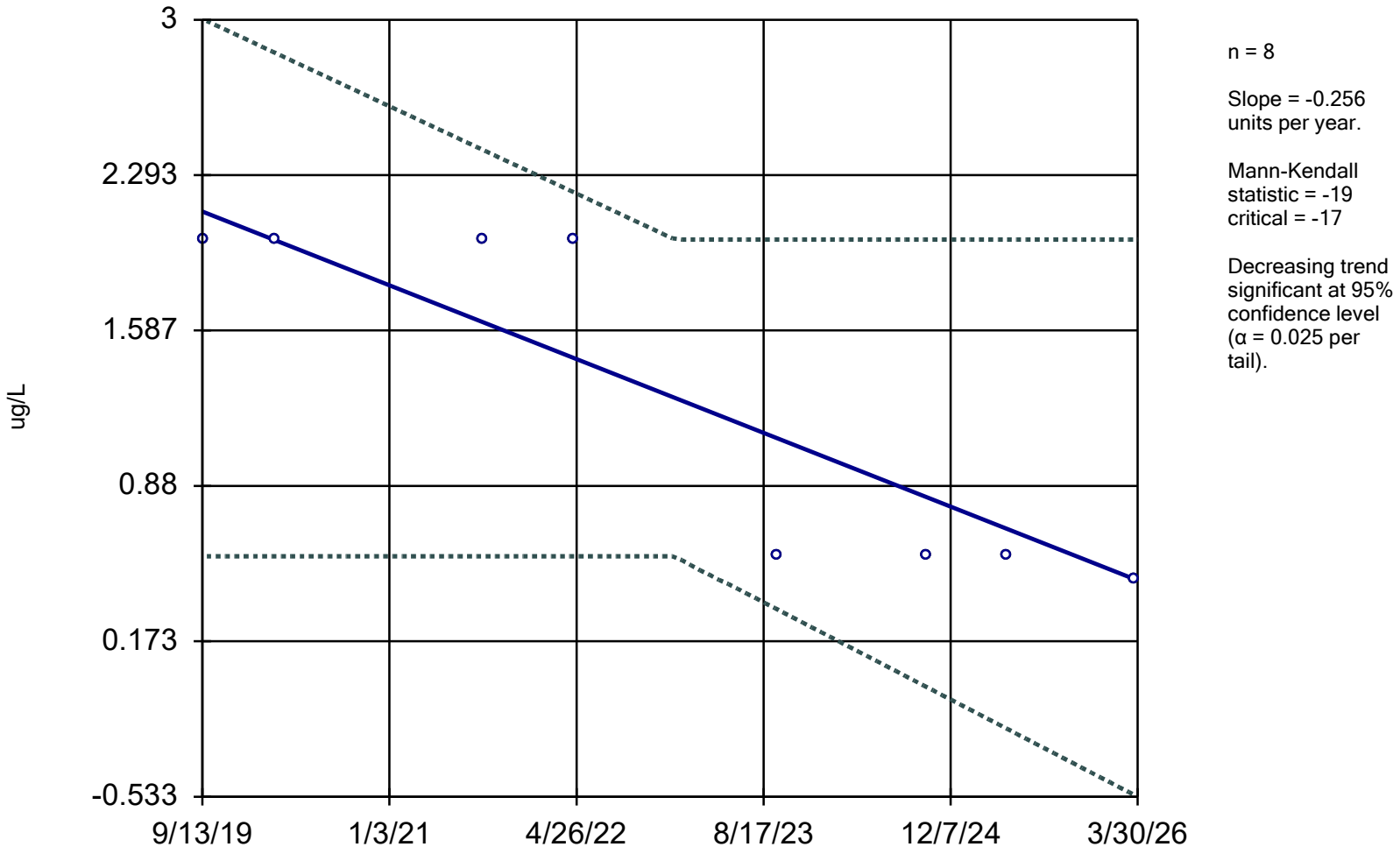
Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 12:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

PZ-13



n = 8

Slope = -0.256 units per year.

Mann-Kendall statistic = -19
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

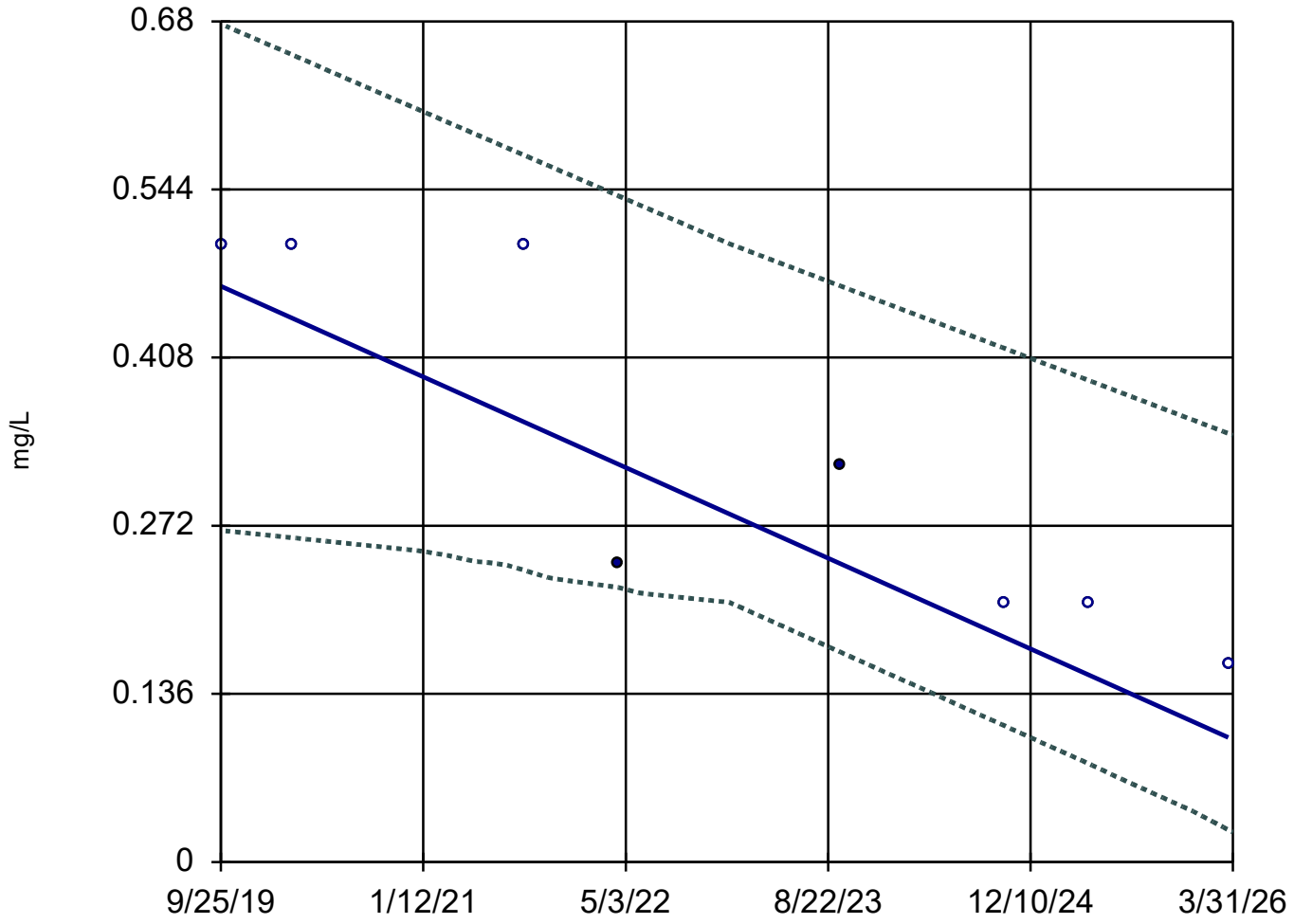
Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 12:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

SW-101



n = 8

Slope = -0.05627 units per year.

Mann-Kendall statistic = -22
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

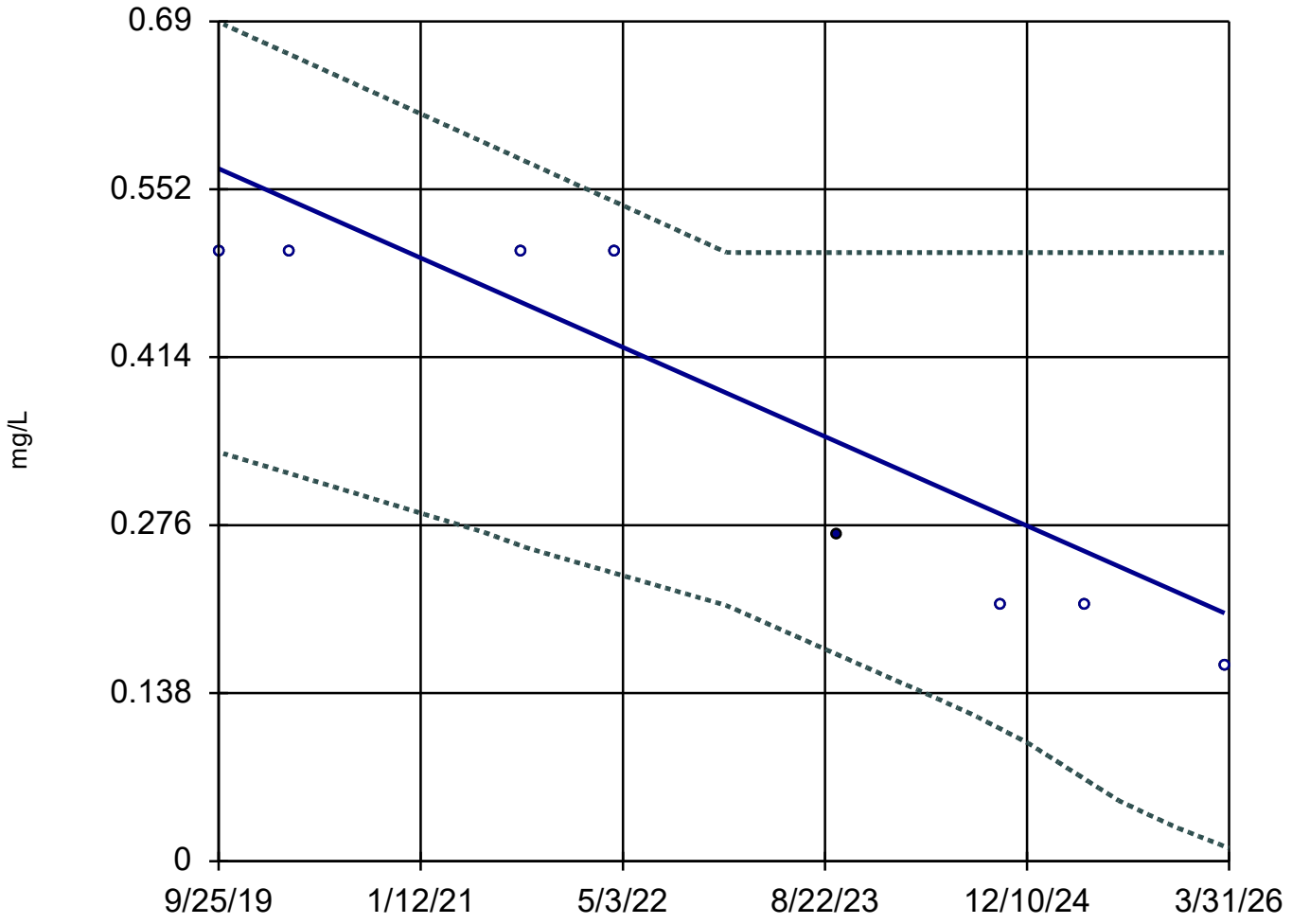
Constituent: Ammonia as N Analysis Run 8/19/2026 12:11 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

SW-106



n = 8

Slope = -0.05627 units per year.

Mann-Kendall statistic = -21
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

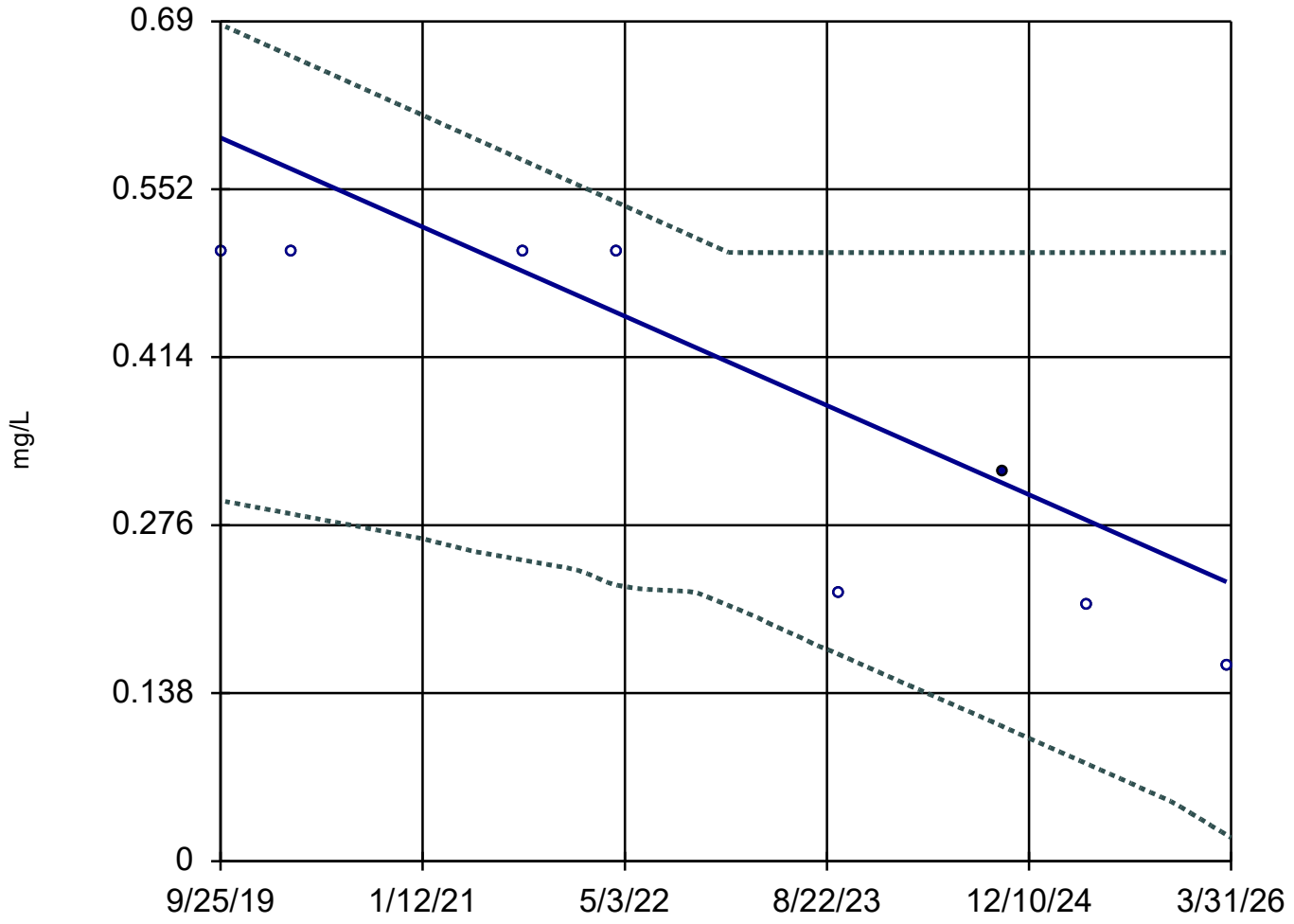
Constituent: Ammonia as N Analysis Run 8/19/2026 12:11 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

SW-107



n = 8

Slope = -0.05627 units per year.

Mann-Kendall statistic = -20
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

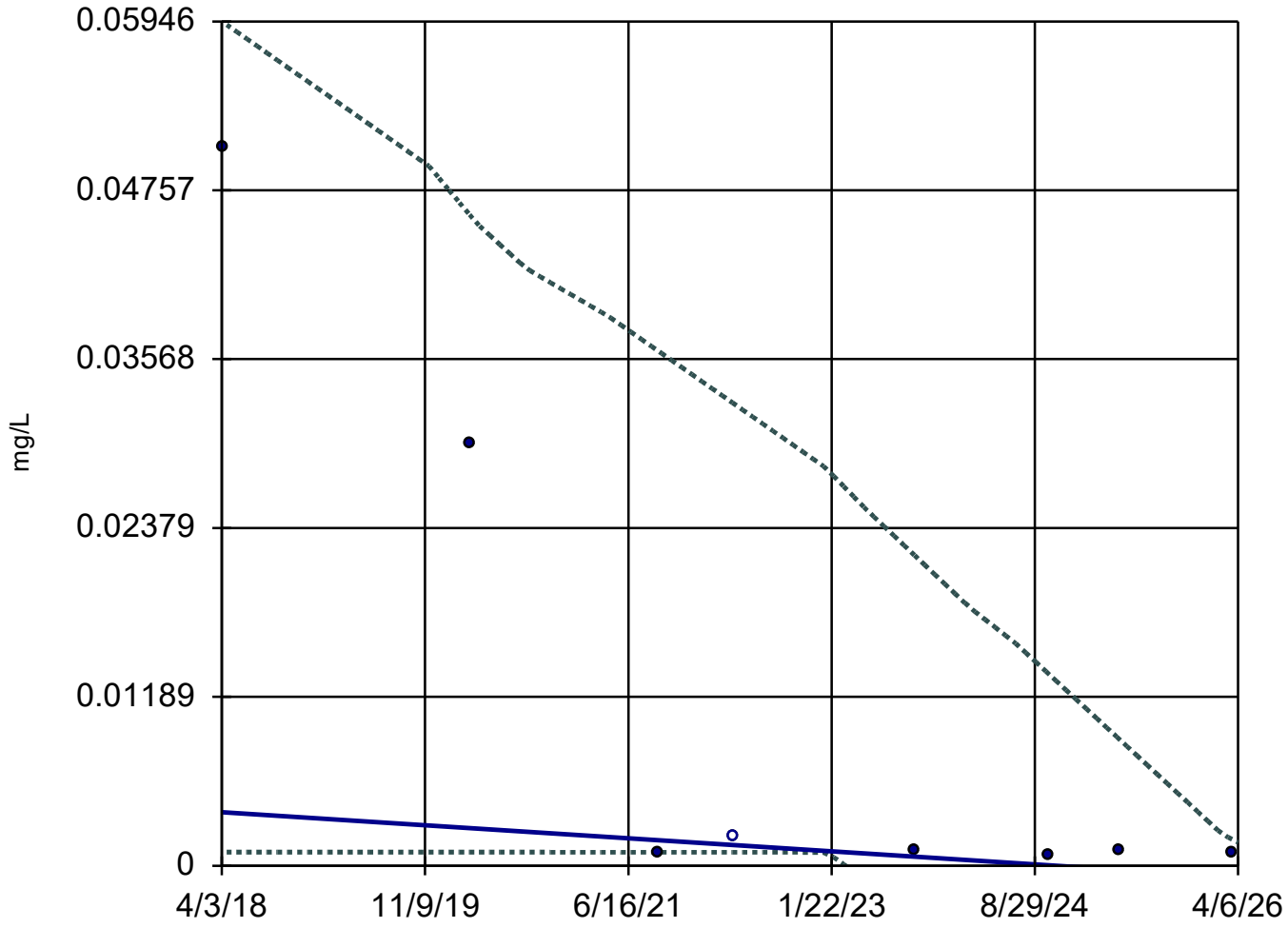
Constituent: Ammonia as N Analysis Run 8/19/2026 12:11 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

GU-3A



n = 8

Slope = -0.0005733 units per year.

Mann-Kendall statistic = -18
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

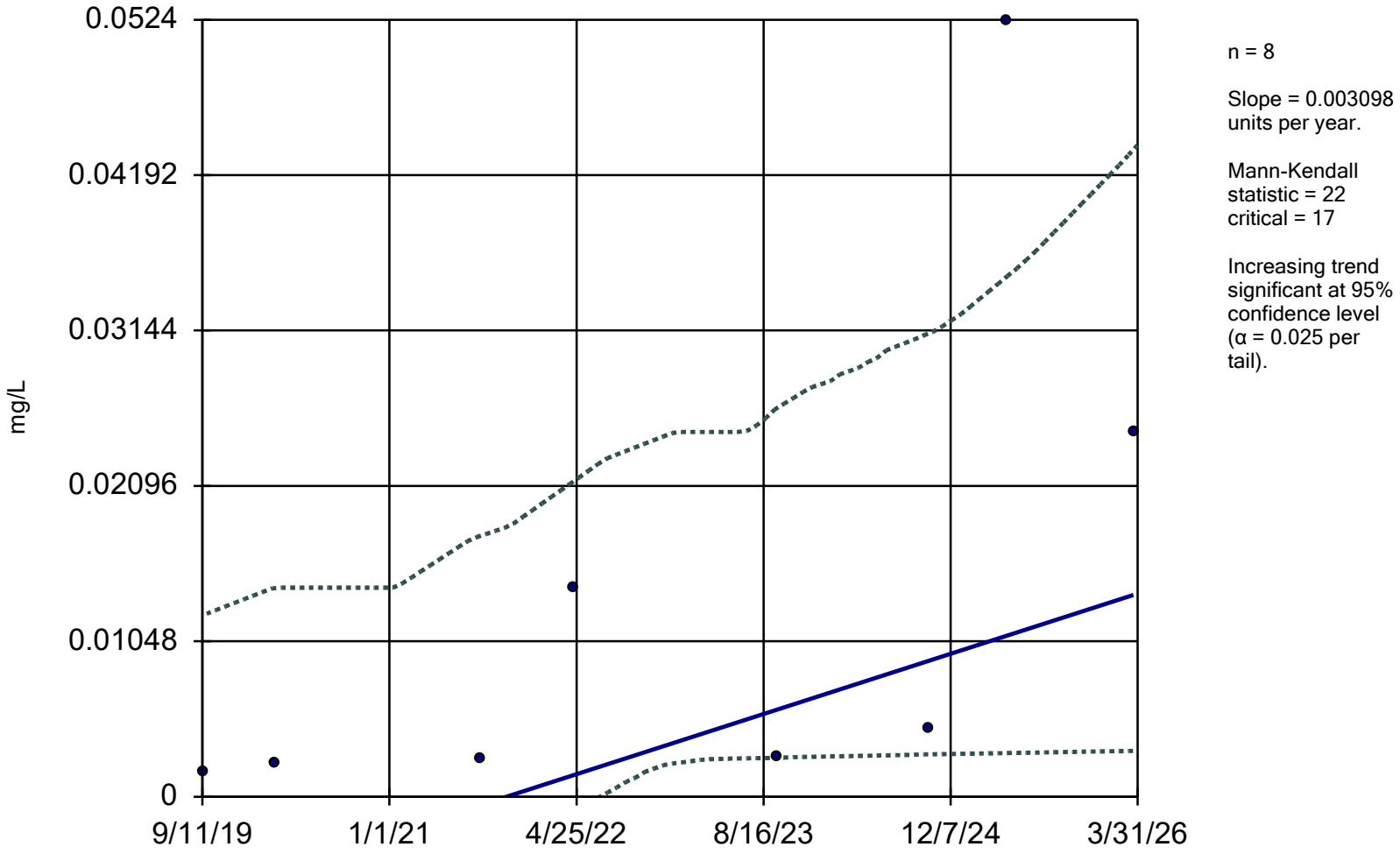
Constituent: Arsenic Analysis Run 8/19/2026 12:11 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-14R



n = 8

Slope = 0.003098 units per year.

Mann-Kendall statistic = 22
critical = 17

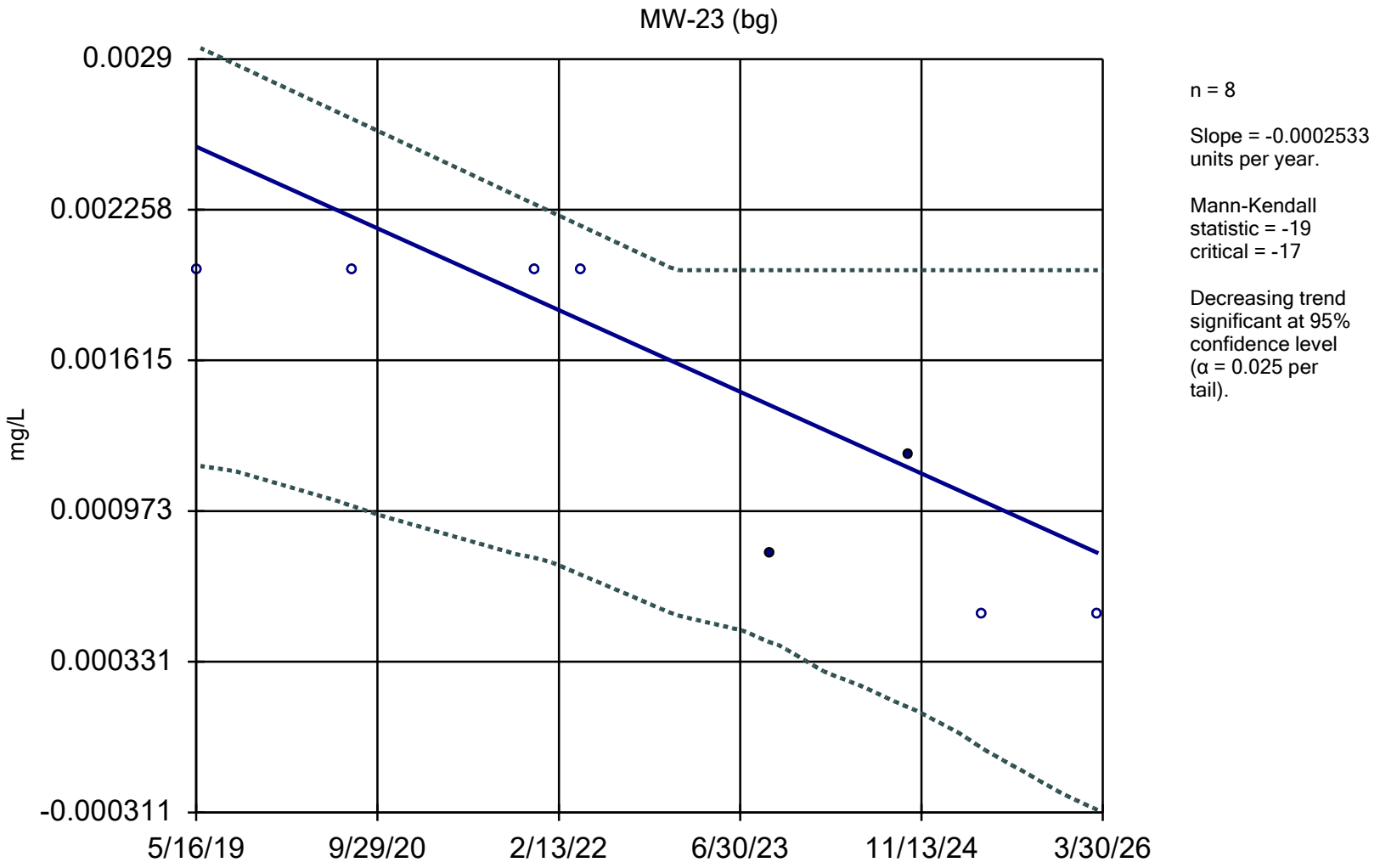
Increasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Arsenic Analysis Run 8/19/2026 12:11 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



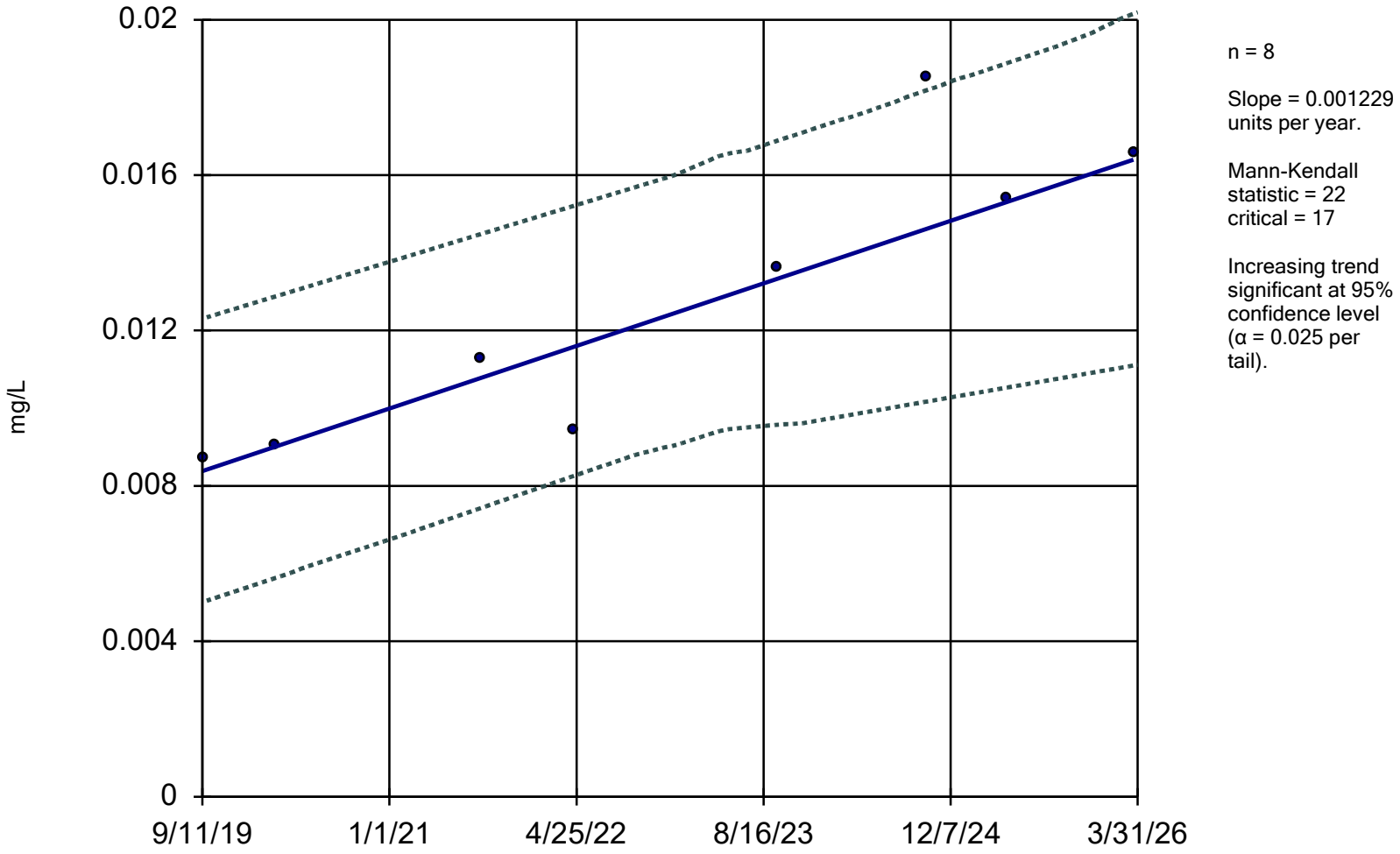
Constituent: Arsenic Analysis Run 8/19/2026 12:11 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-29



n = 8

Slope = 0.001229 units per year.

Mann-Kendall statistic = 22
critical = 17

Increasing trend significant at 95% confidence level (α = 0.025 per tail).

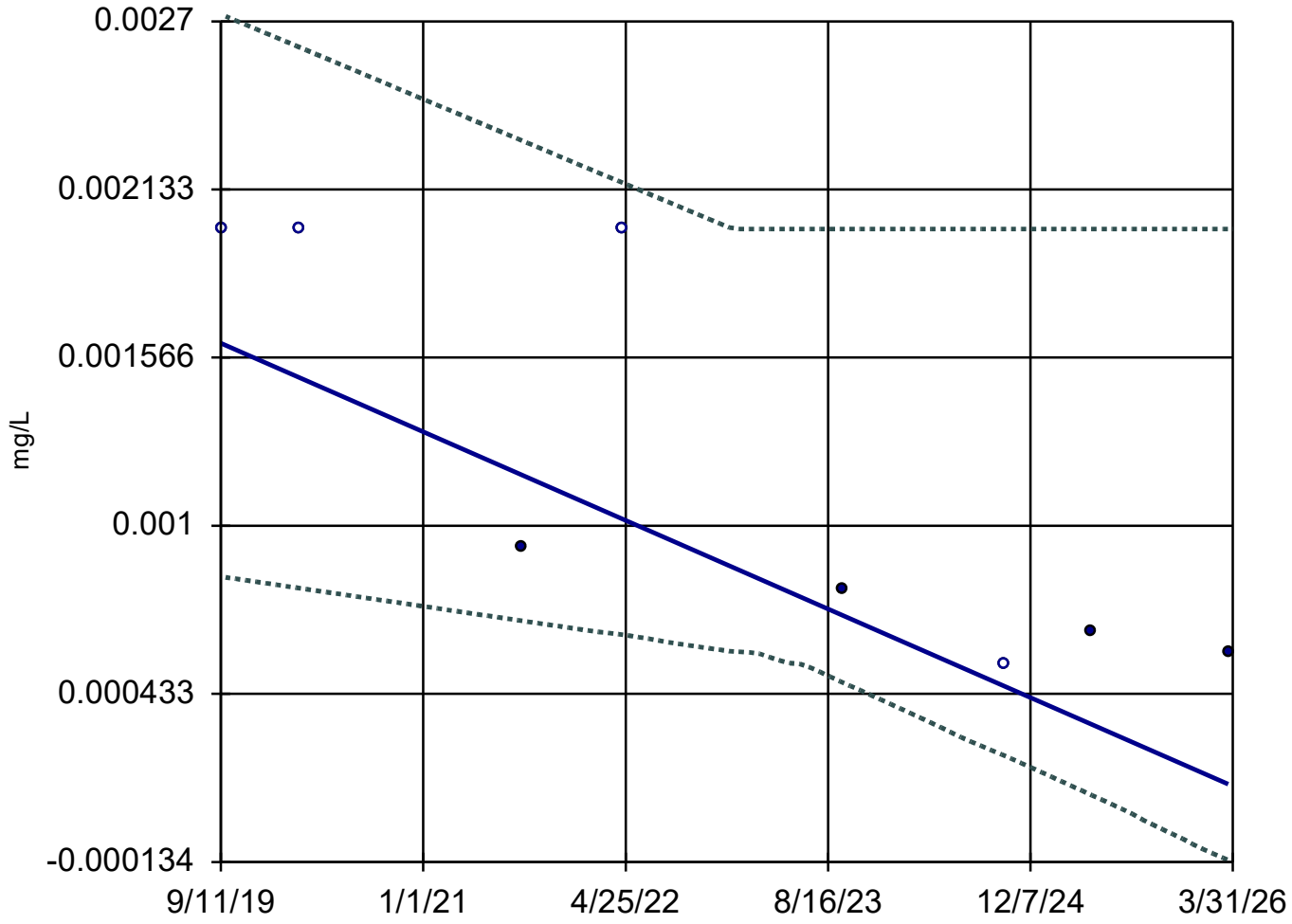
Constituent: Arsenic Analysis Run 8/19/2026 12:11 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-32R



n = 8

Slope = -0.0002277 units per year.

Mann-Kendall statistic = -19
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

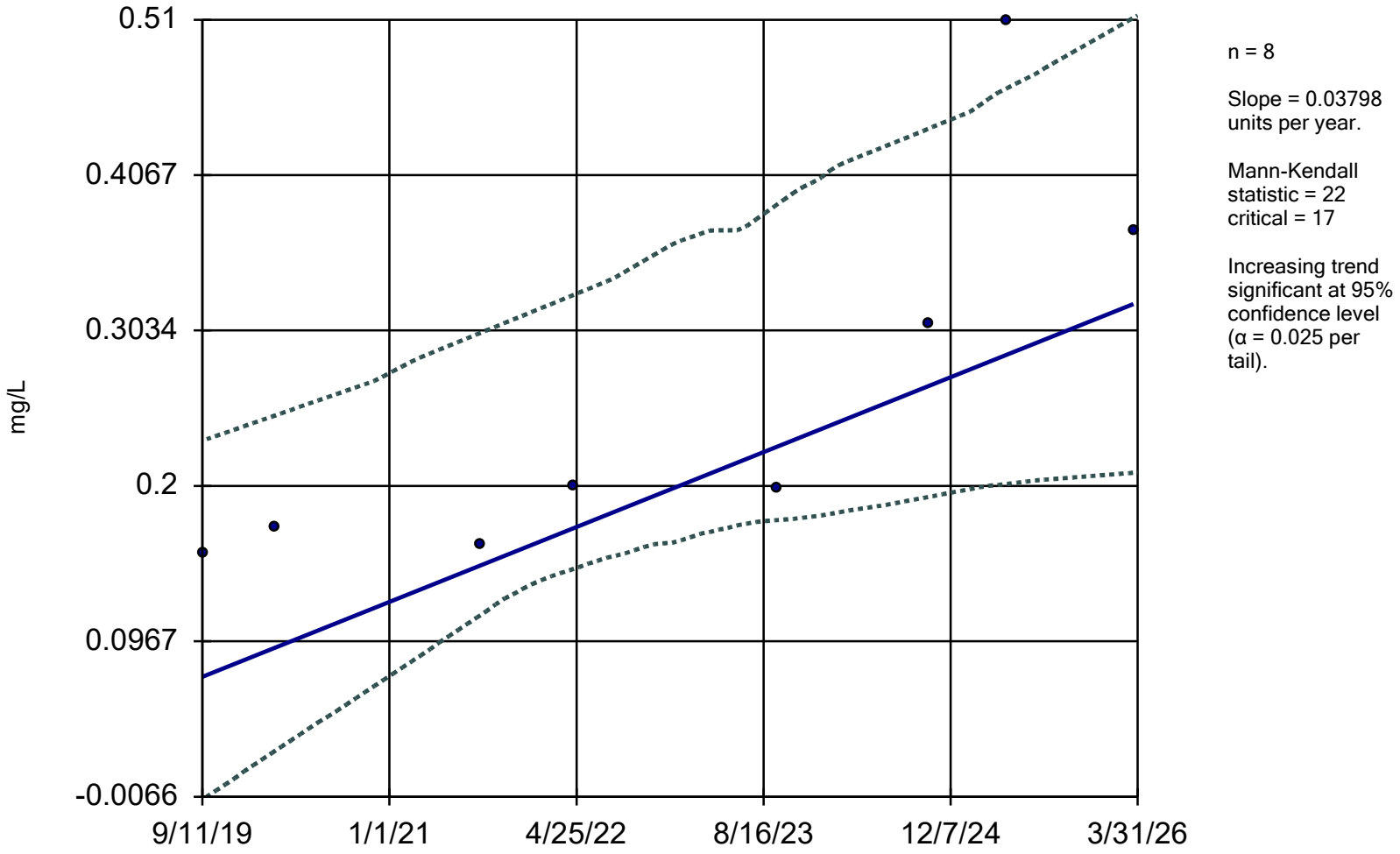
Constituent: Arsenic Analysis Run 8/19/2026 12:11 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-14R



n = 8

Slope = 0.03798 units per year.

Mann-Kendall statistic = 22
critical = 17

Increasing trend significant at 95% confidence level (α = 0.025 per tail).

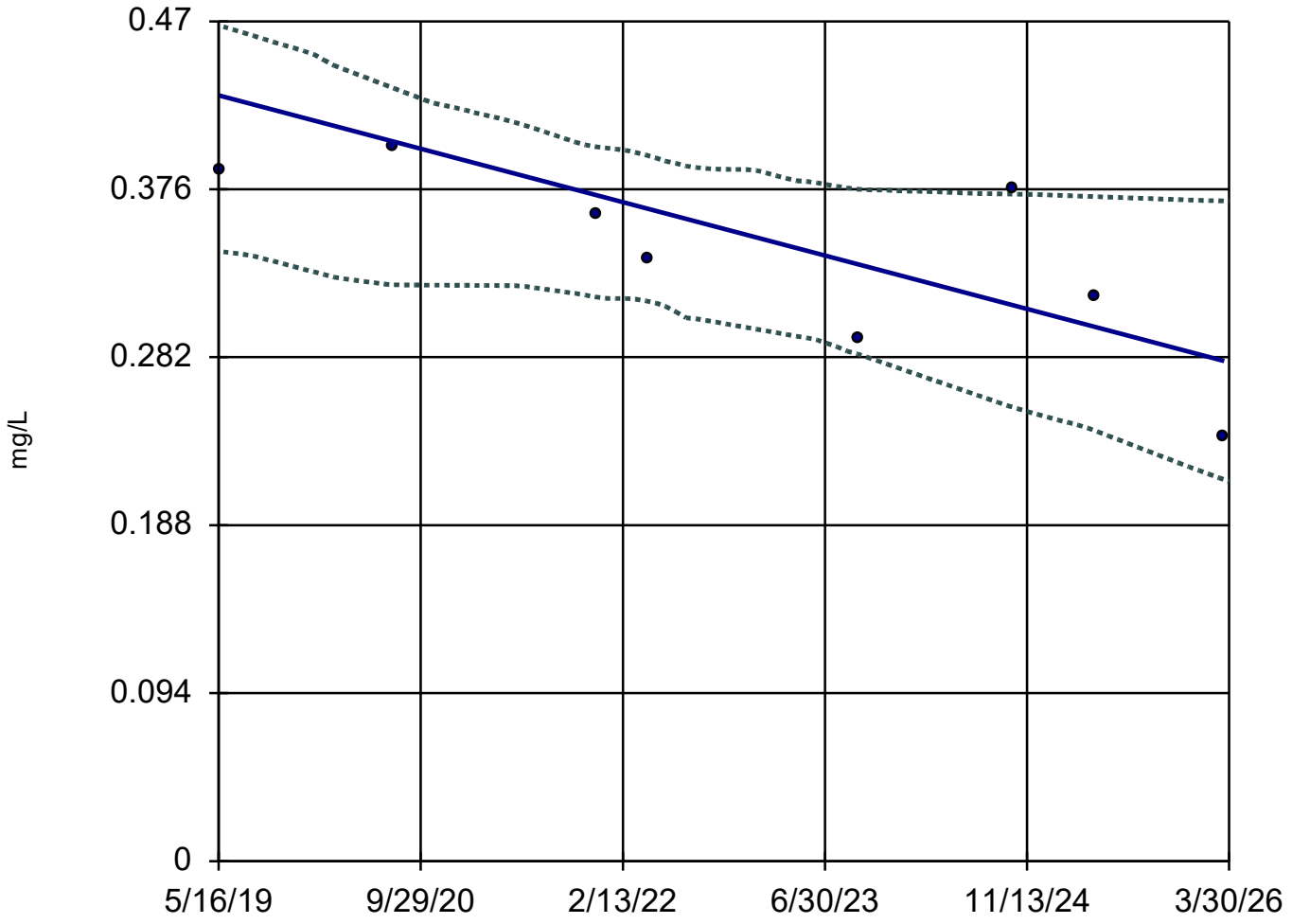
Constituent: Barium Analysis Run 8/19/2026 12:11 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-24R (bg)



n = 8

Slope = -0.02172 units per year.

Mann-Kendall statistic = -18
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

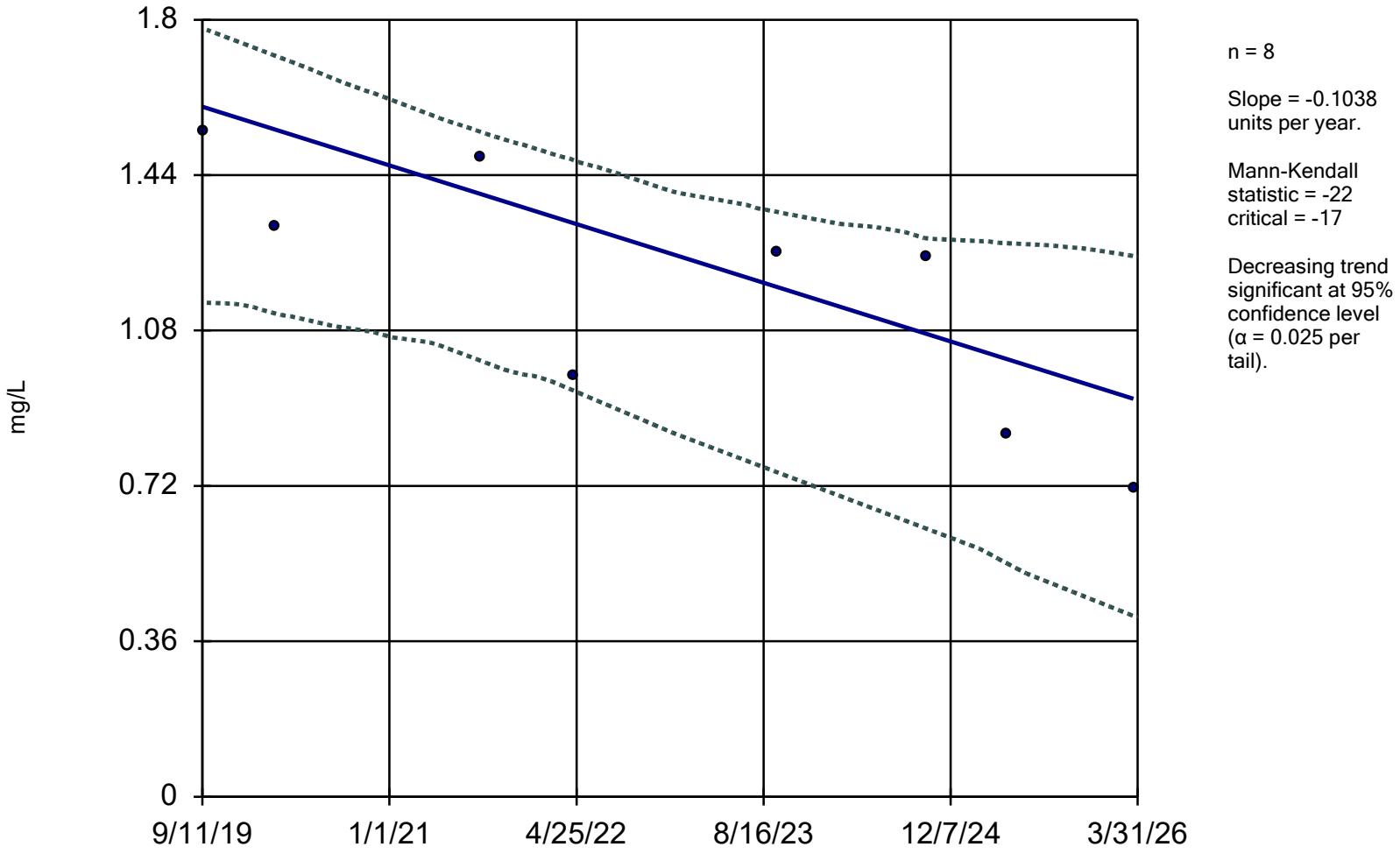
Constituent: Barium Analysis Run 8/19/2026 12:12 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-29



n = 8

Slope = -0.1038 units per year.

Mann-Kendall statistic = -22
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

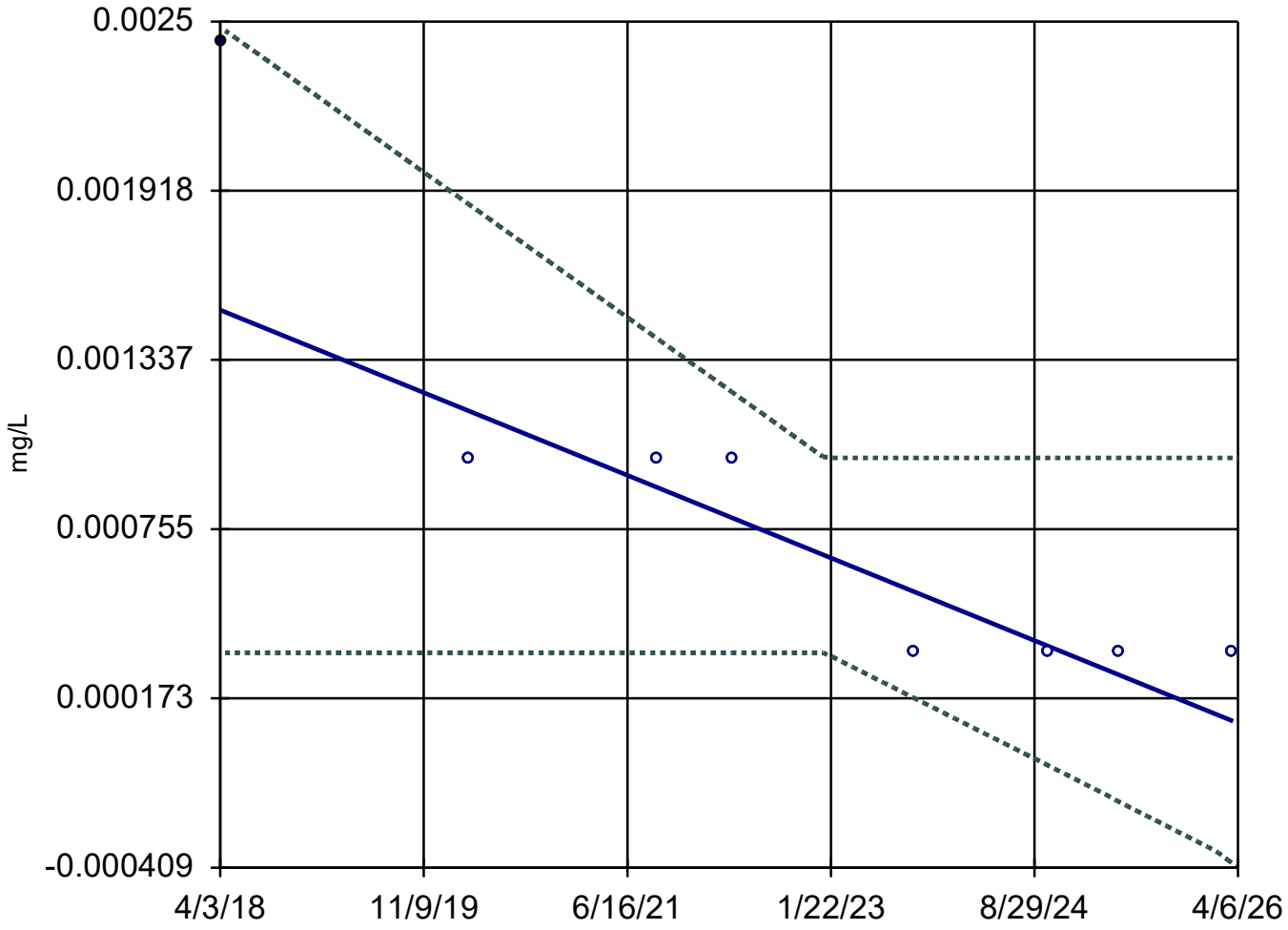
Constituent: Barium Analysis Run 8/19/2026 12:12 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

GU-3A



n = 8

Slope = -0.0001772 units per year.

Mann-Kendall statistic = -19
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

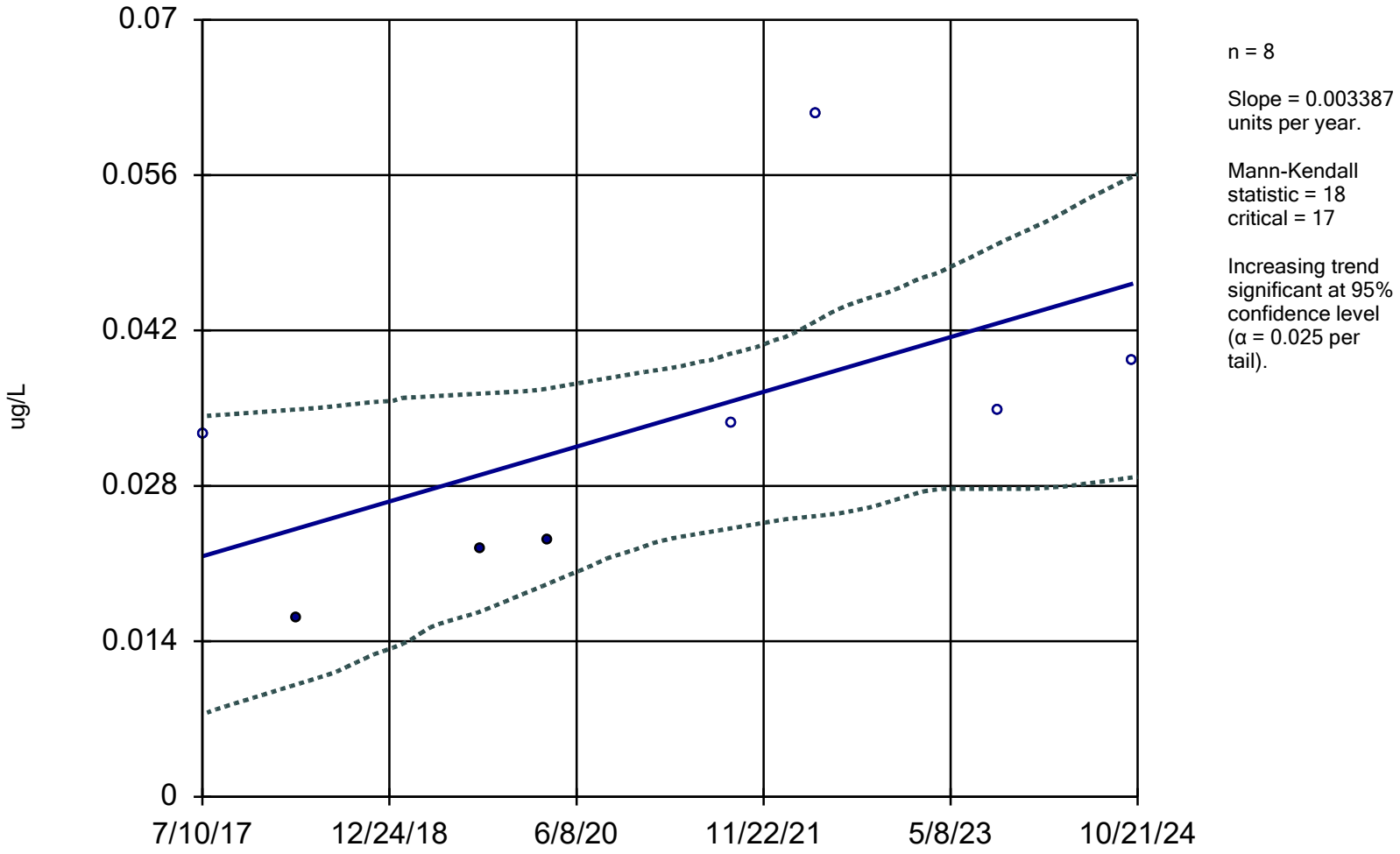
Constituent: Beryllium Analysis Run 8/19/2026 12:12 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-29



n = 8

Slope = 0.003387 units per year.

Mann-Kendall statistic = 18
critical = 17

Increasing trend significant at 95% confidence level (α = 0.025 per tail).

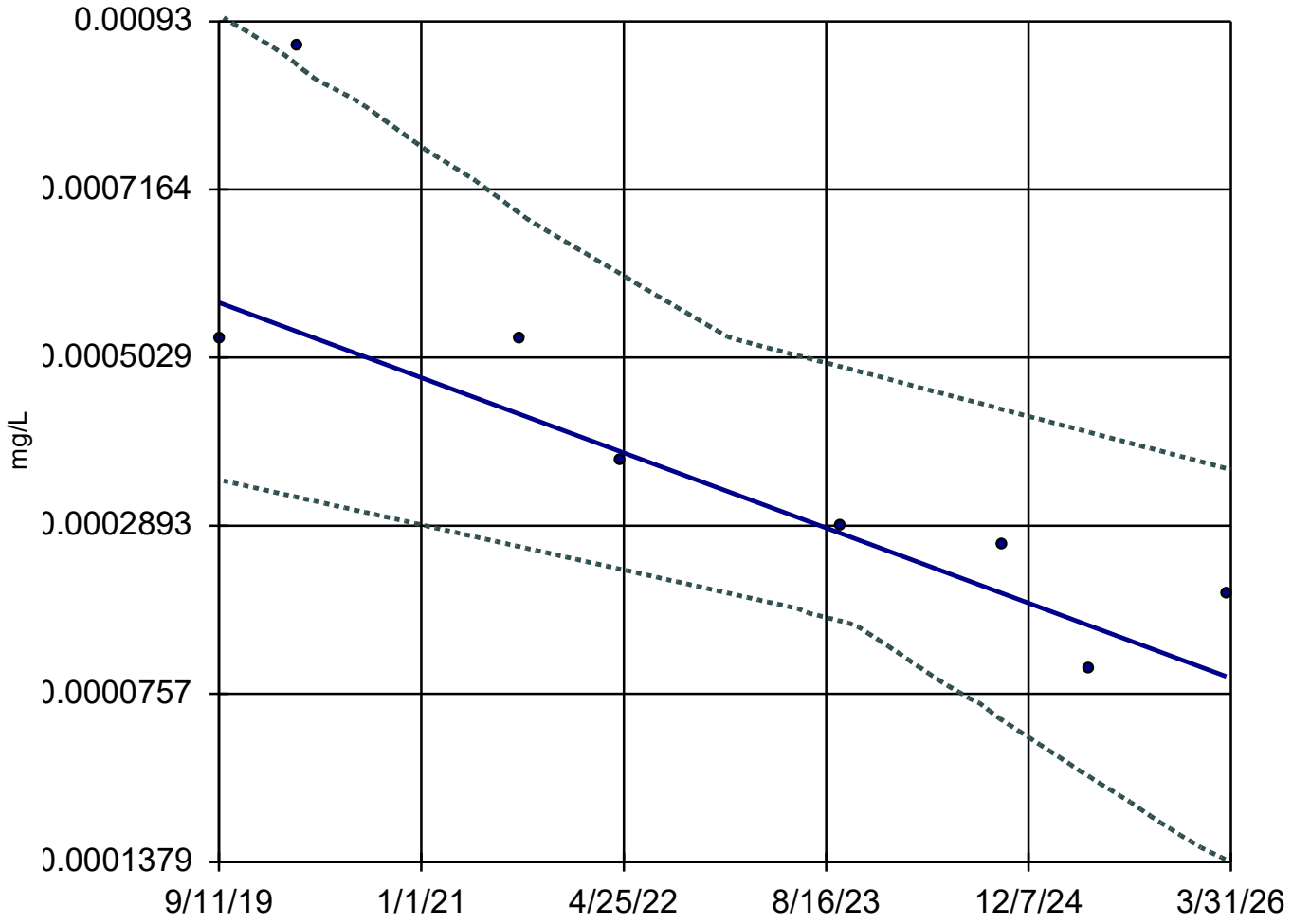
Constituent: Beta-BHC Analysis Run 8/19/2026 12:12 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-33R



n = 8

Slope = -0.00007278 units per year.

Mann-Kendall statistic = -24
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

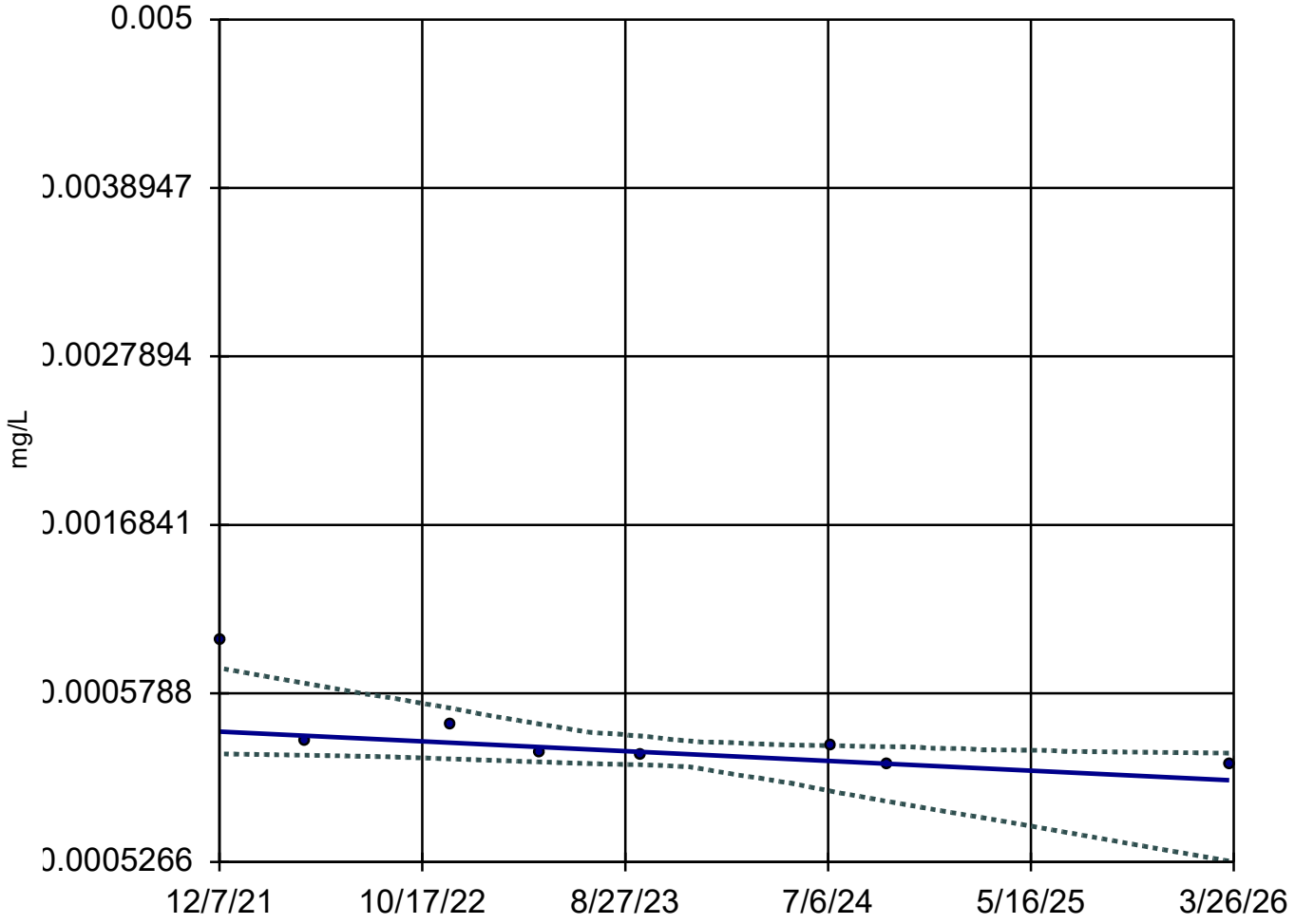
Constituent: Cadmium Analysis Run 8/19/2026 12:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-73



n = 8

Slope = -0.00007441 units per year.

Mann-Kendall statistic = -22
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

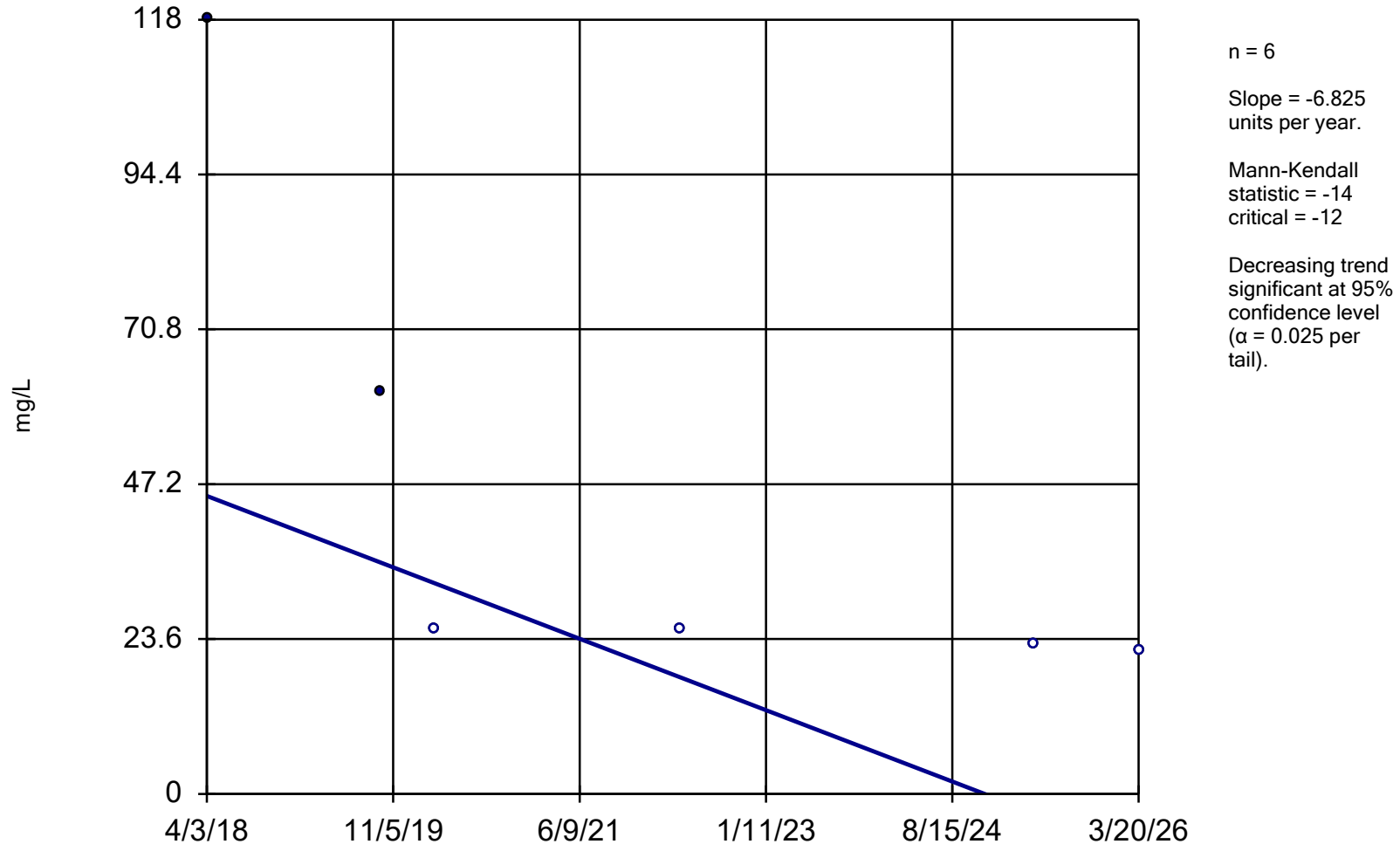
Constituent: Cadmium Analysis Run 8/19/2026 12:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

SW-104



n = 6

Slope = -6.825 units per year.

Mann-Kendall statistic = -14
critical = -12

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

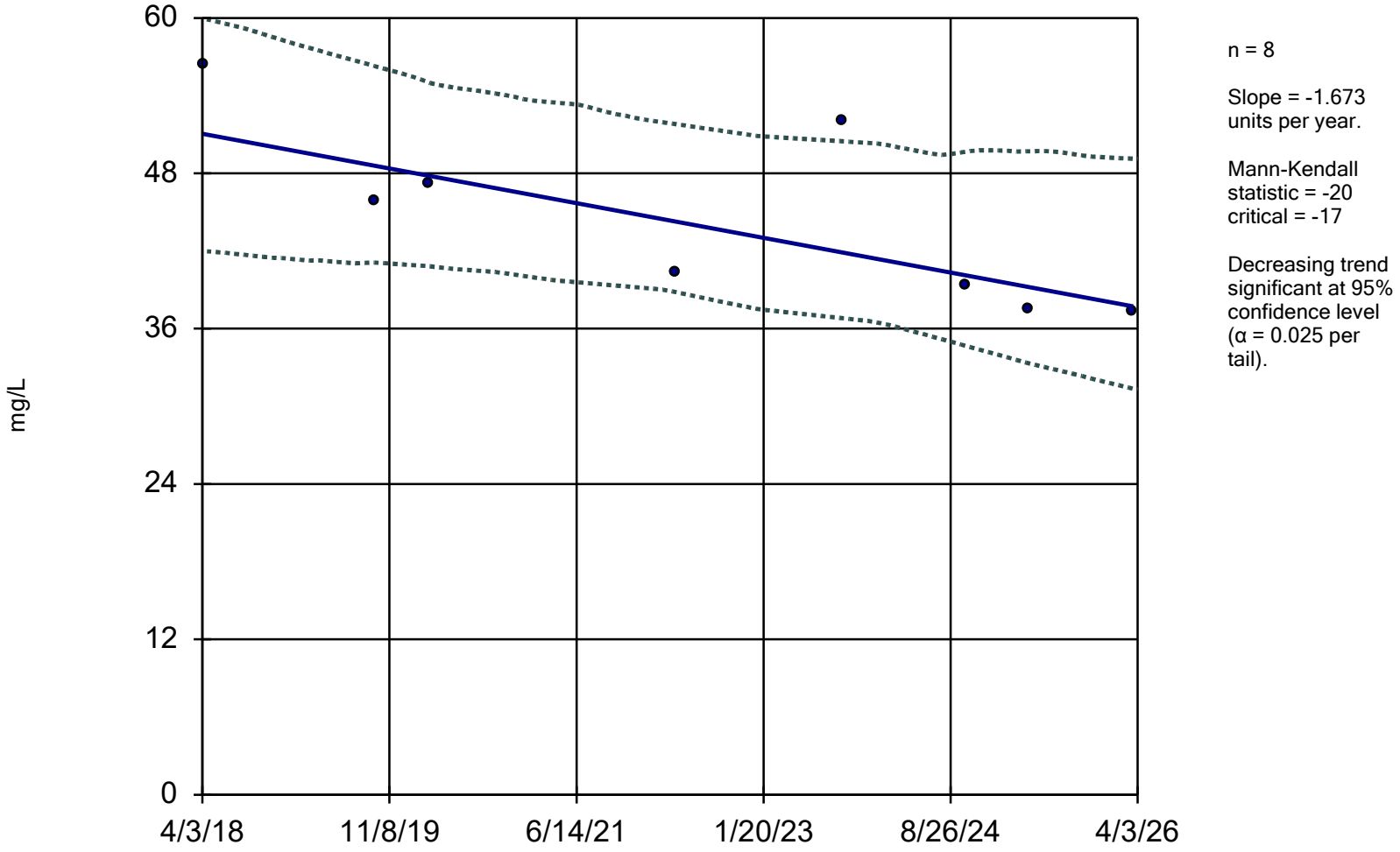
Constituent: Chemical Oxygen Demand Analysis Run 8/19/2026 12:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

SW-103



n = 8

Slope = -1.673 units per year.

Mann-Kendall statistic = -20
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

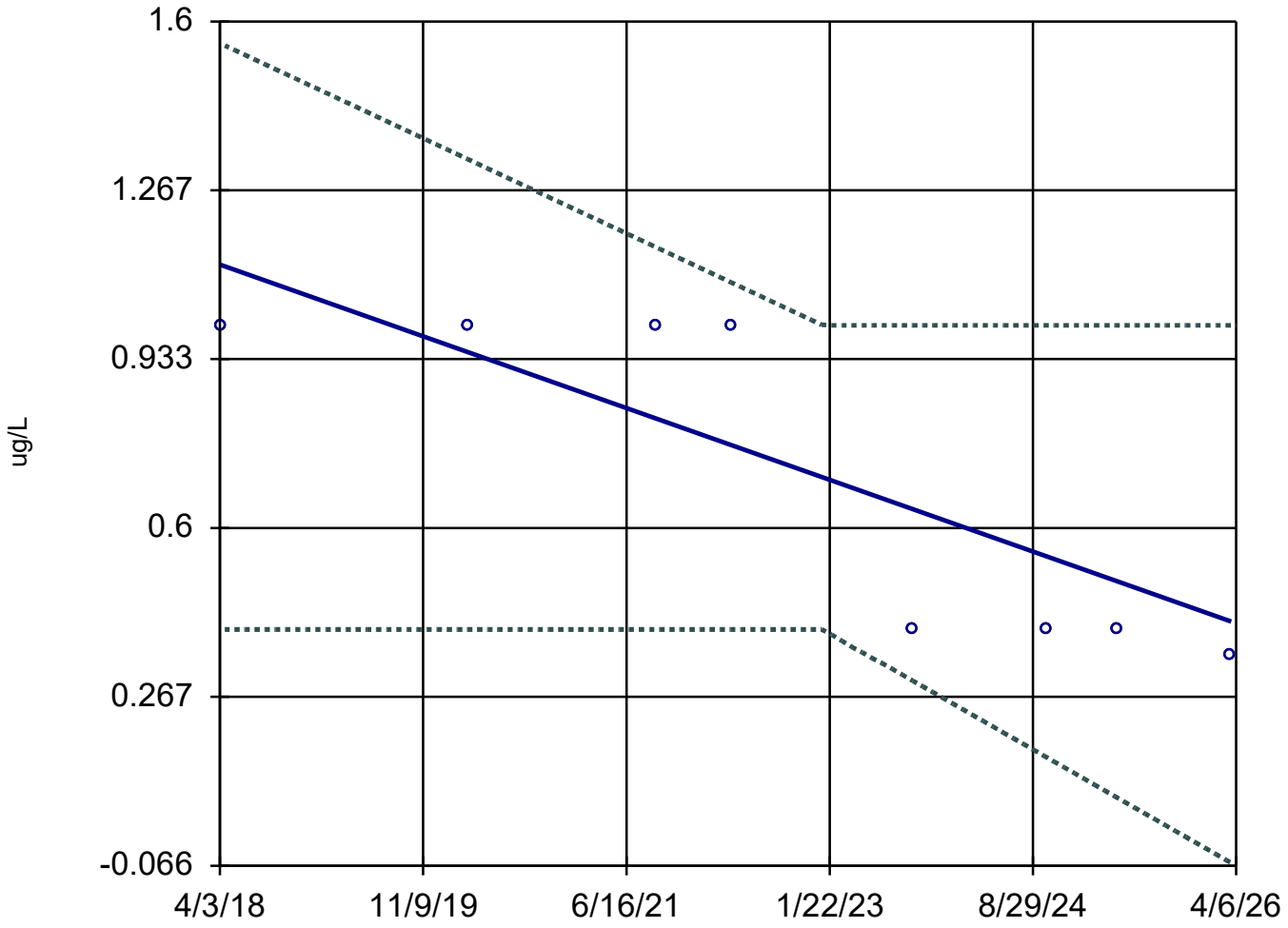
Constituent: Chloride Analysis Run 8/19/2026 12:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

GU-3A



n = 8

Slope = -0.08836 units per year.

Mann-Kendall statistic = -19
critical = -17

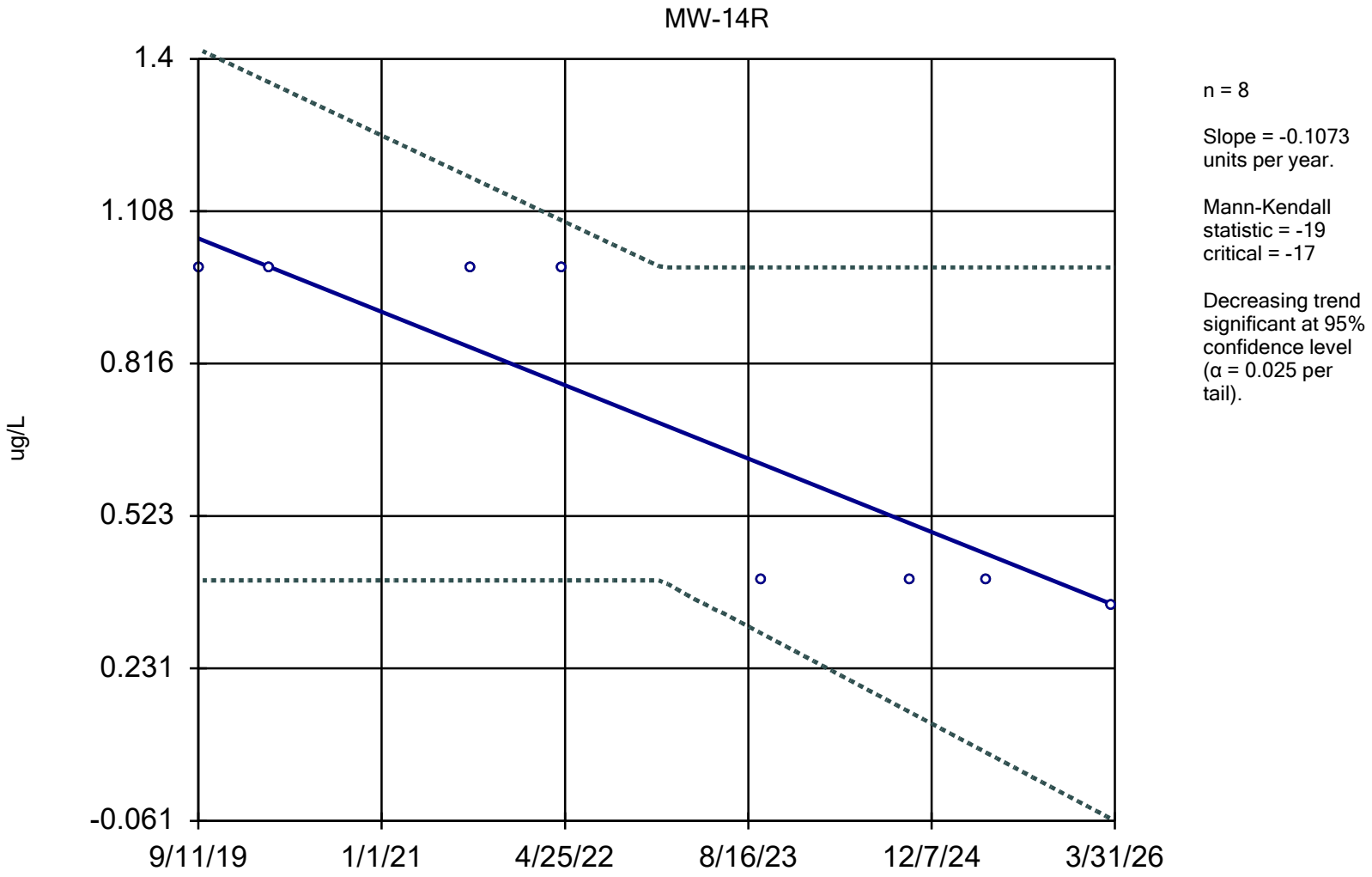
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Chlorobenzene Analysis Run 8/19/2026 12:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 8

Slope = -0.1073 units per year.

Mann-Kendall statistic = -19
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

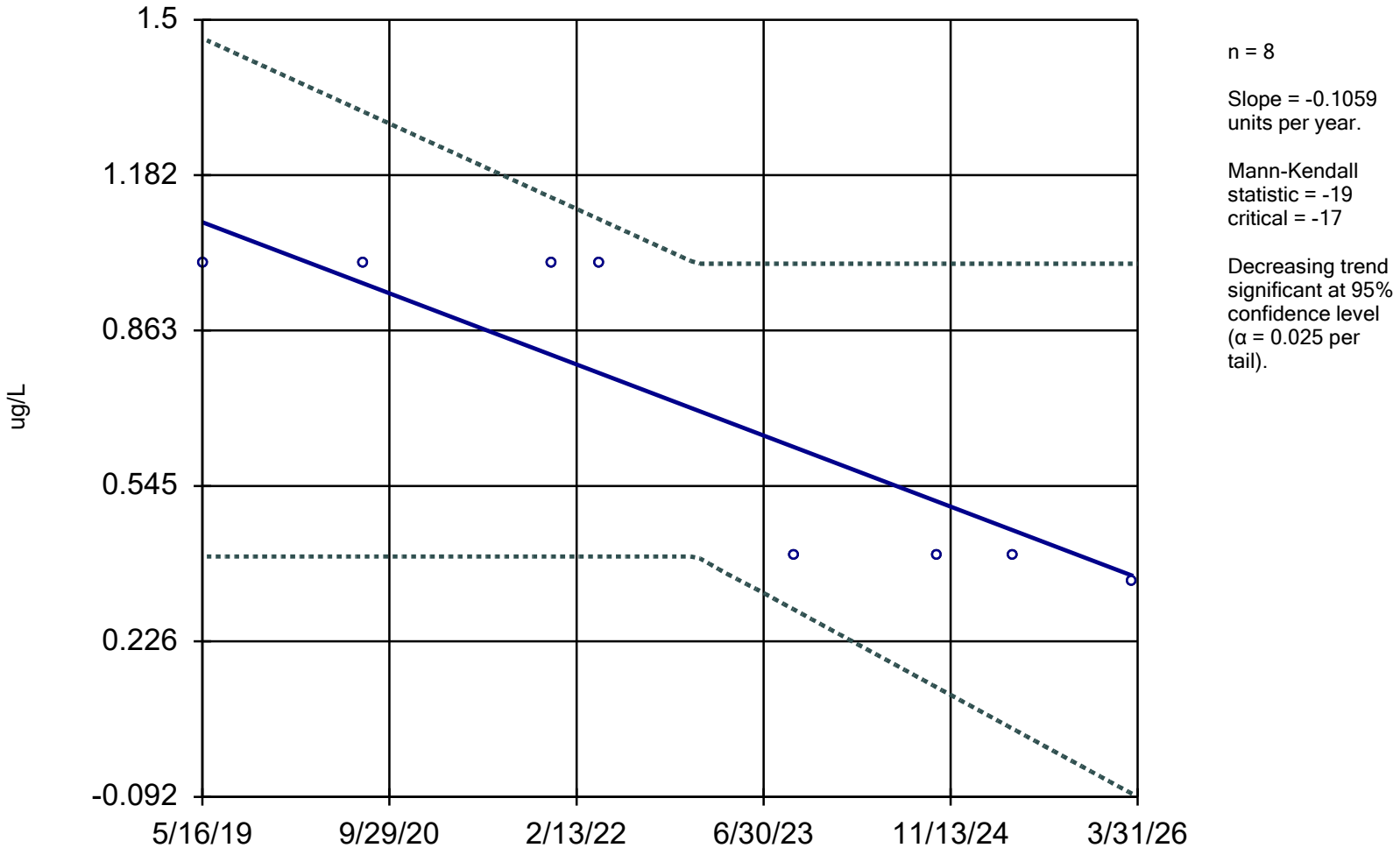
Constituent: Chlorobenzene Analysis Run 8/19/2026 12:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-18



n = 8

Slope = -0.1059 units per year.

Mann-Kendall statistic = -19
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

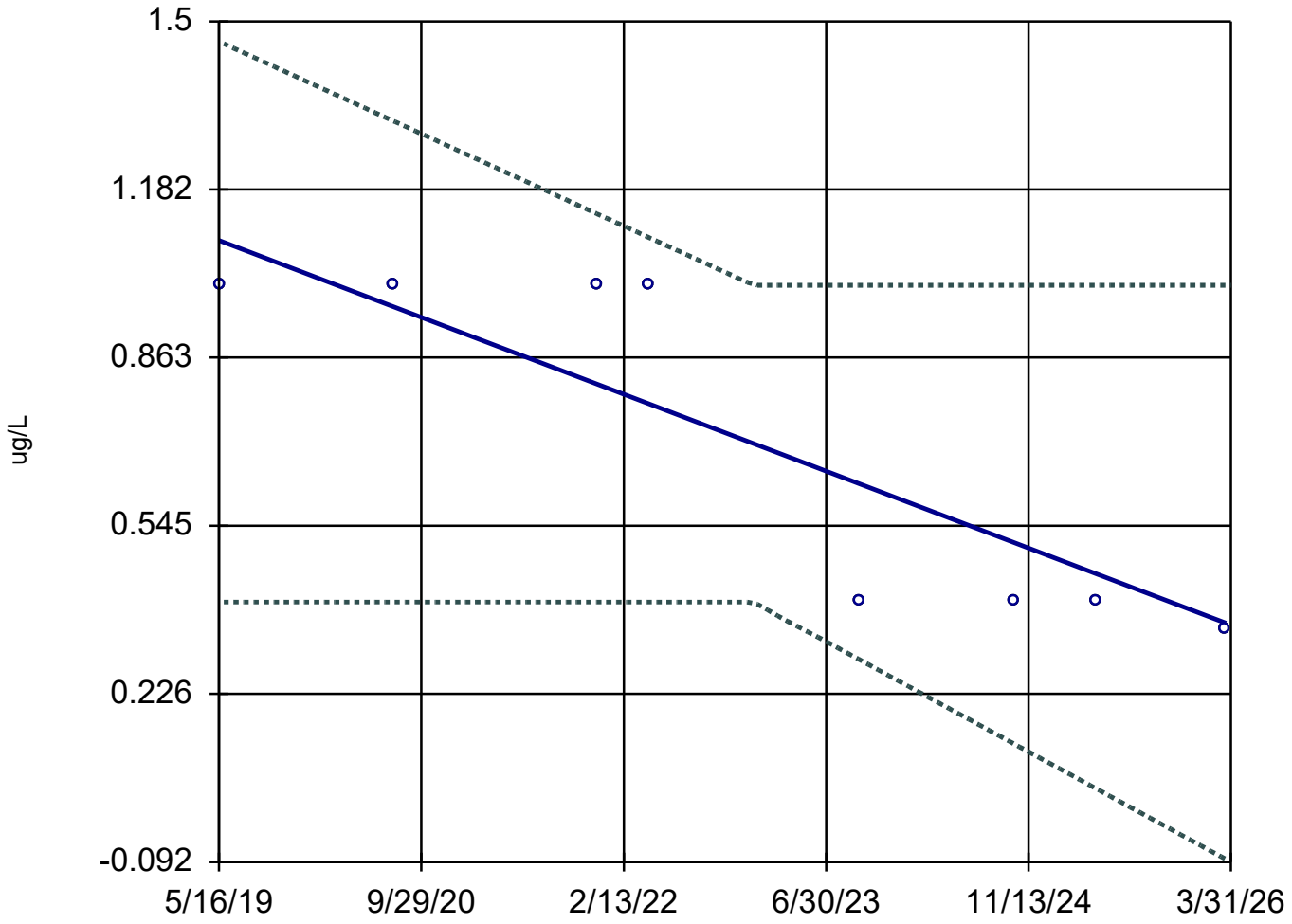
Constituent: Chlorobenzene Analysis Run 8/19/2026 12:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-19



n = 8

Slope = -0.1059 units per year.

Mann-Kendall statistic = -19
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

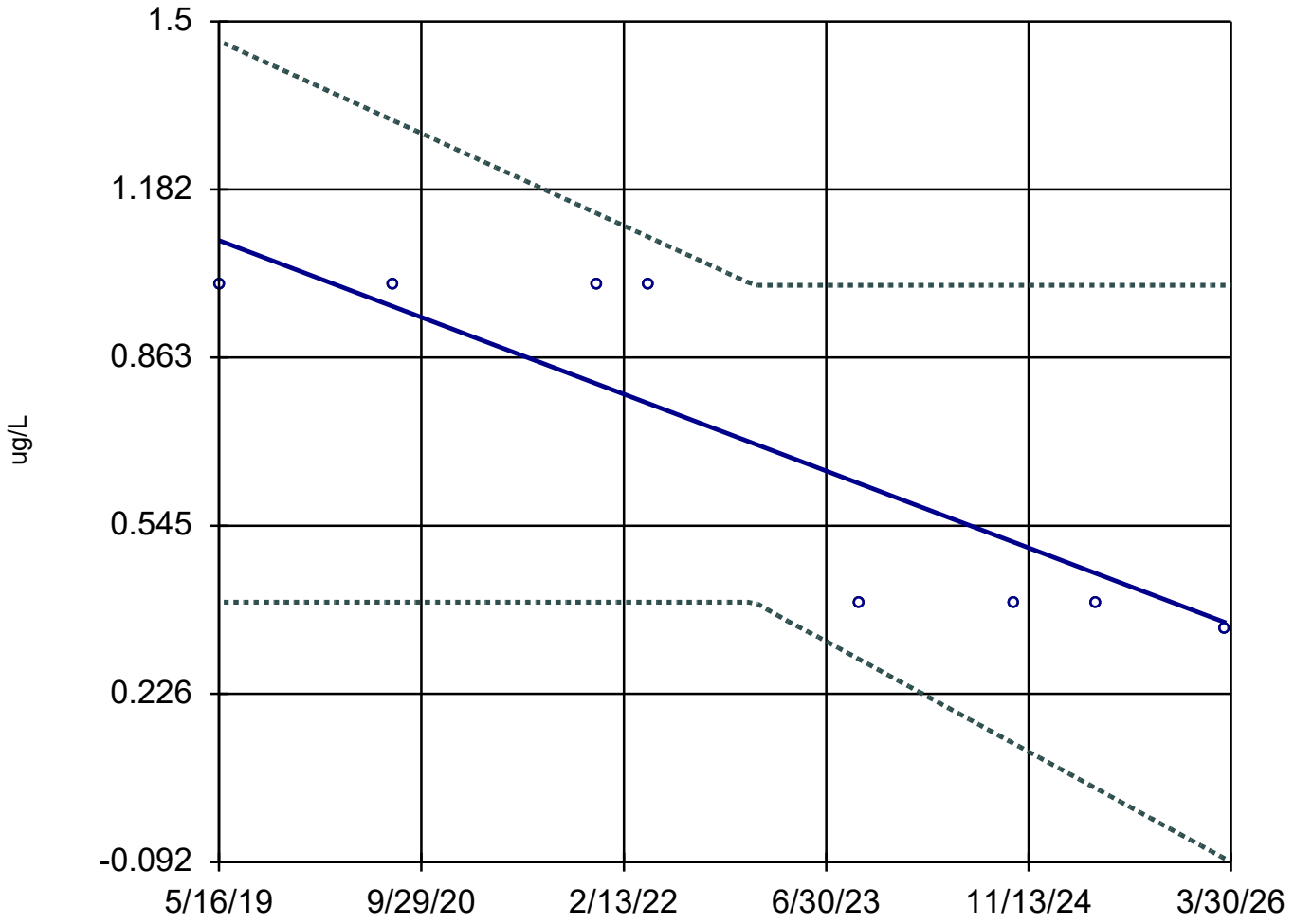
Constituent: Chlorobenzene Analysis Run 8/19/2026 12:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-23 (bg)



n = 8

Slope = -0.1059 units per year.

Mann-Kendall statistic = -19
critical = -17

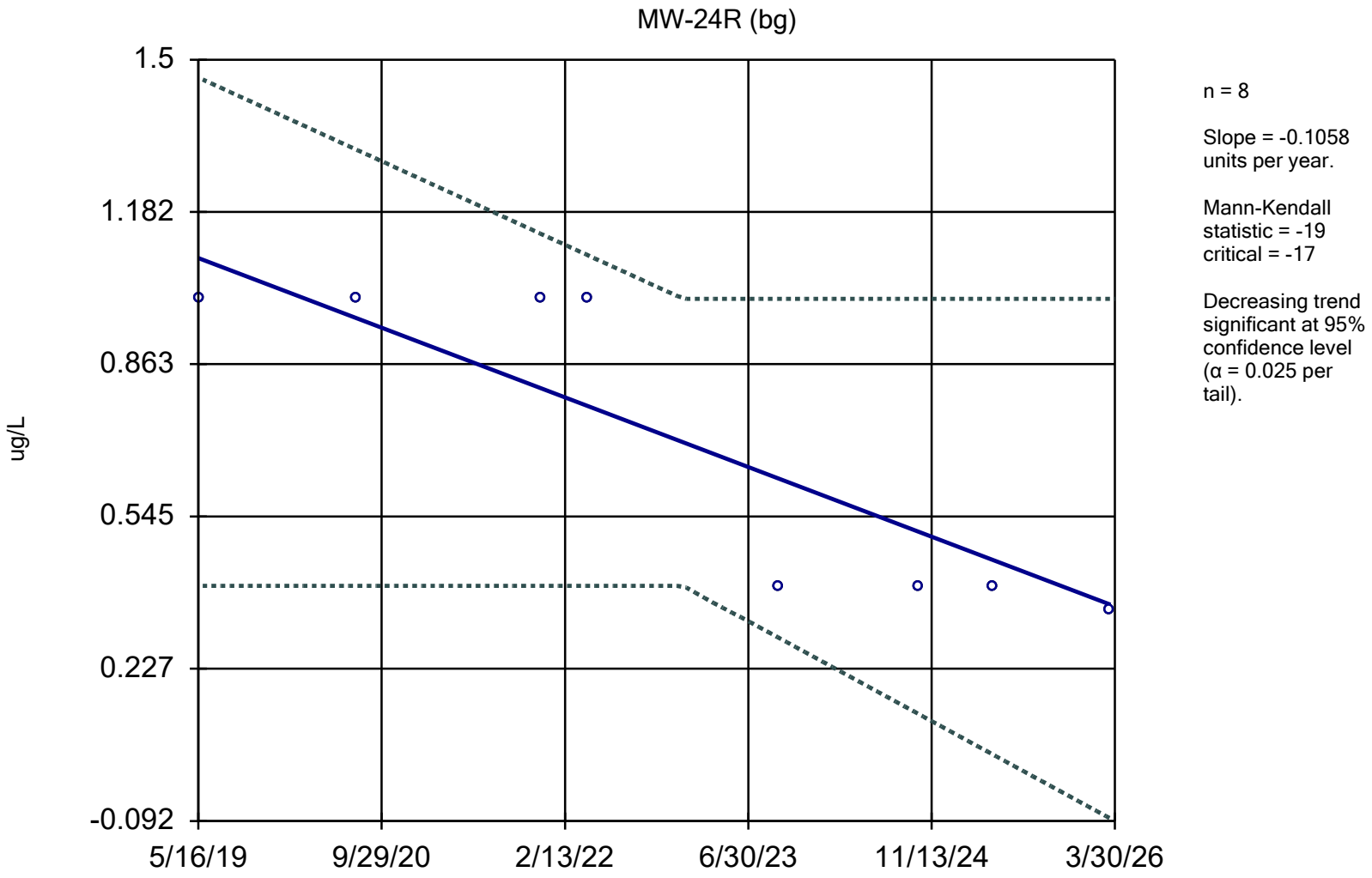
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Chlorobenzene Analysis Run 8/19/2026 12:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



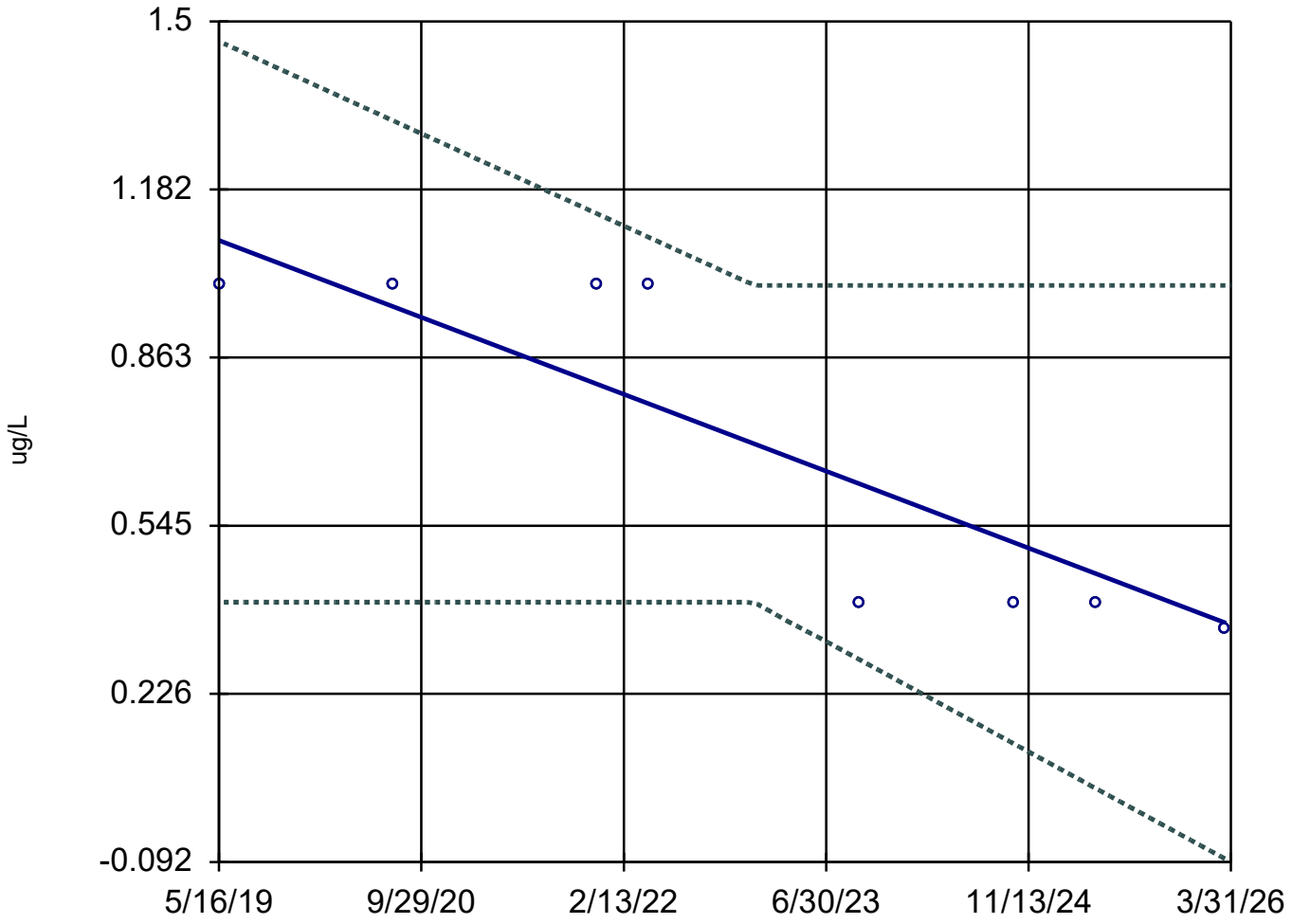
Constituent: Chlorobenzene Analysis Run 8/19/2026 12:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-28



n = 8

Slope = -0.1059 units per year.

Mann-Kendall statistic = -19
critical = -17

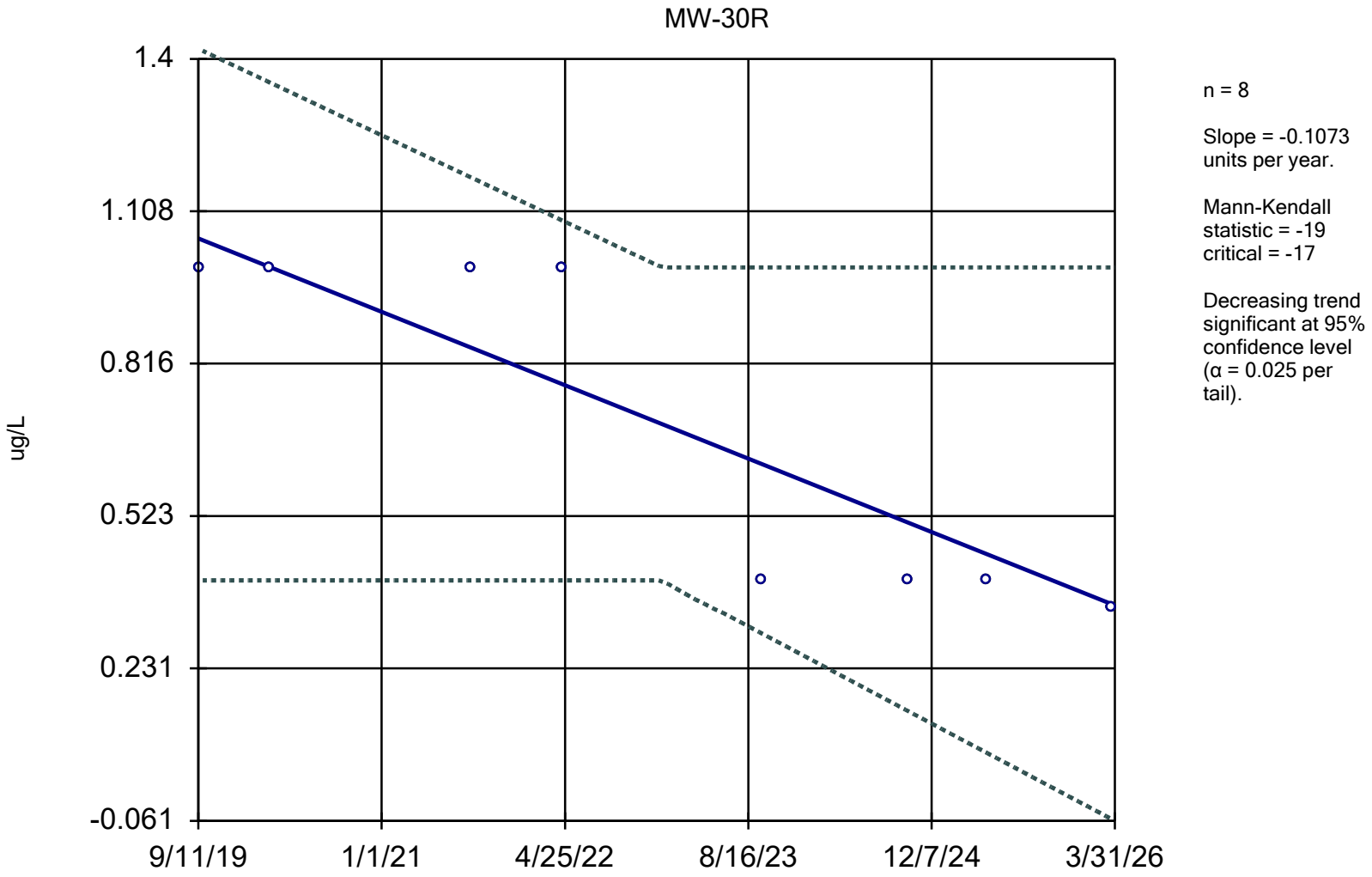
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Chlorobenzene Analysis Run 8/19/2026 12:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 8

Slope = -0.1073 units per year.

Mann-Kendall statistic = -19
critical = -17

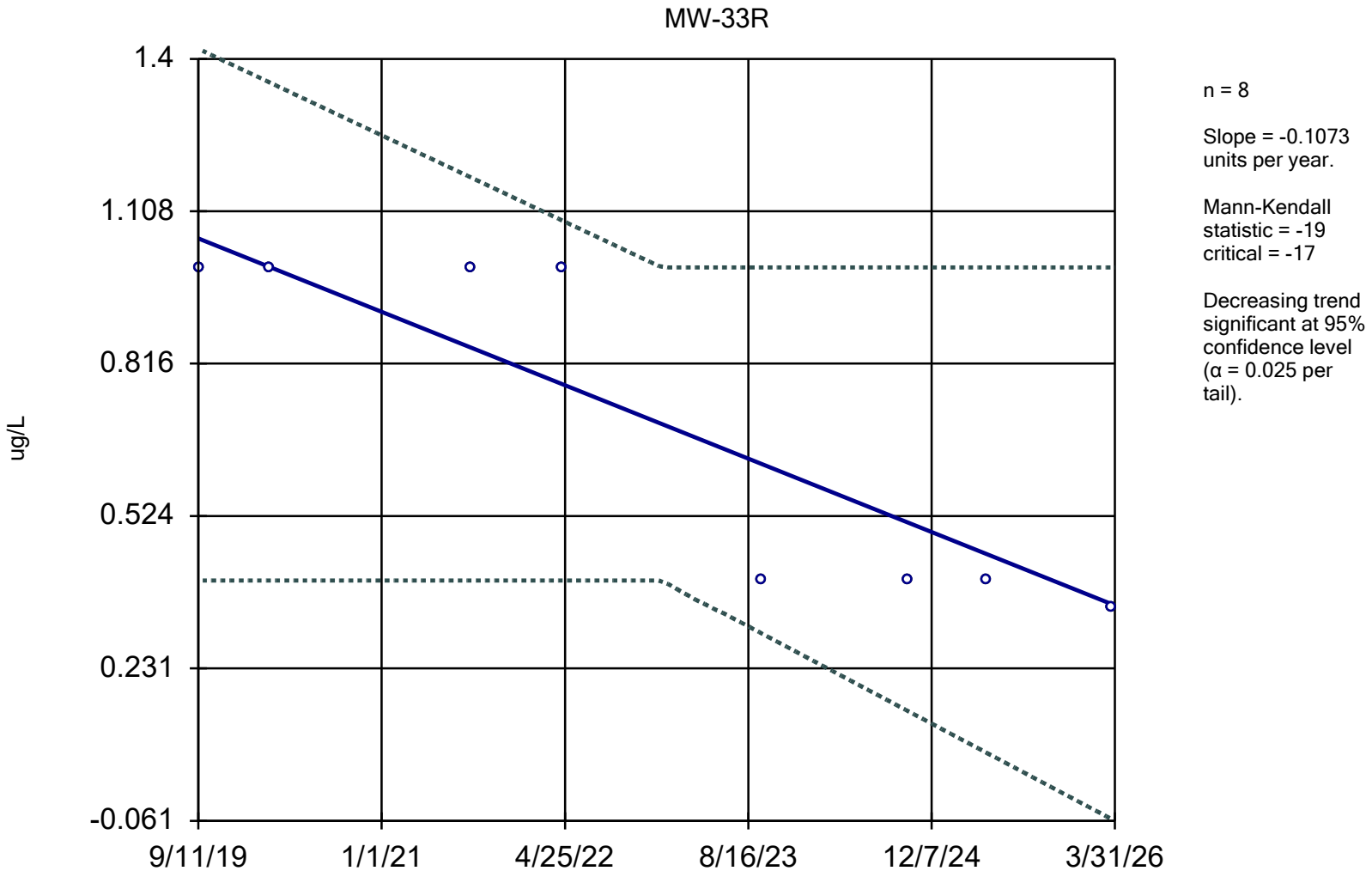
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Chlorobenzene Analysis Run 8/19/2026 12:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 8

Slope = -0.1073 units per year.

Mann-Kendall statistic = -19
critical = -17

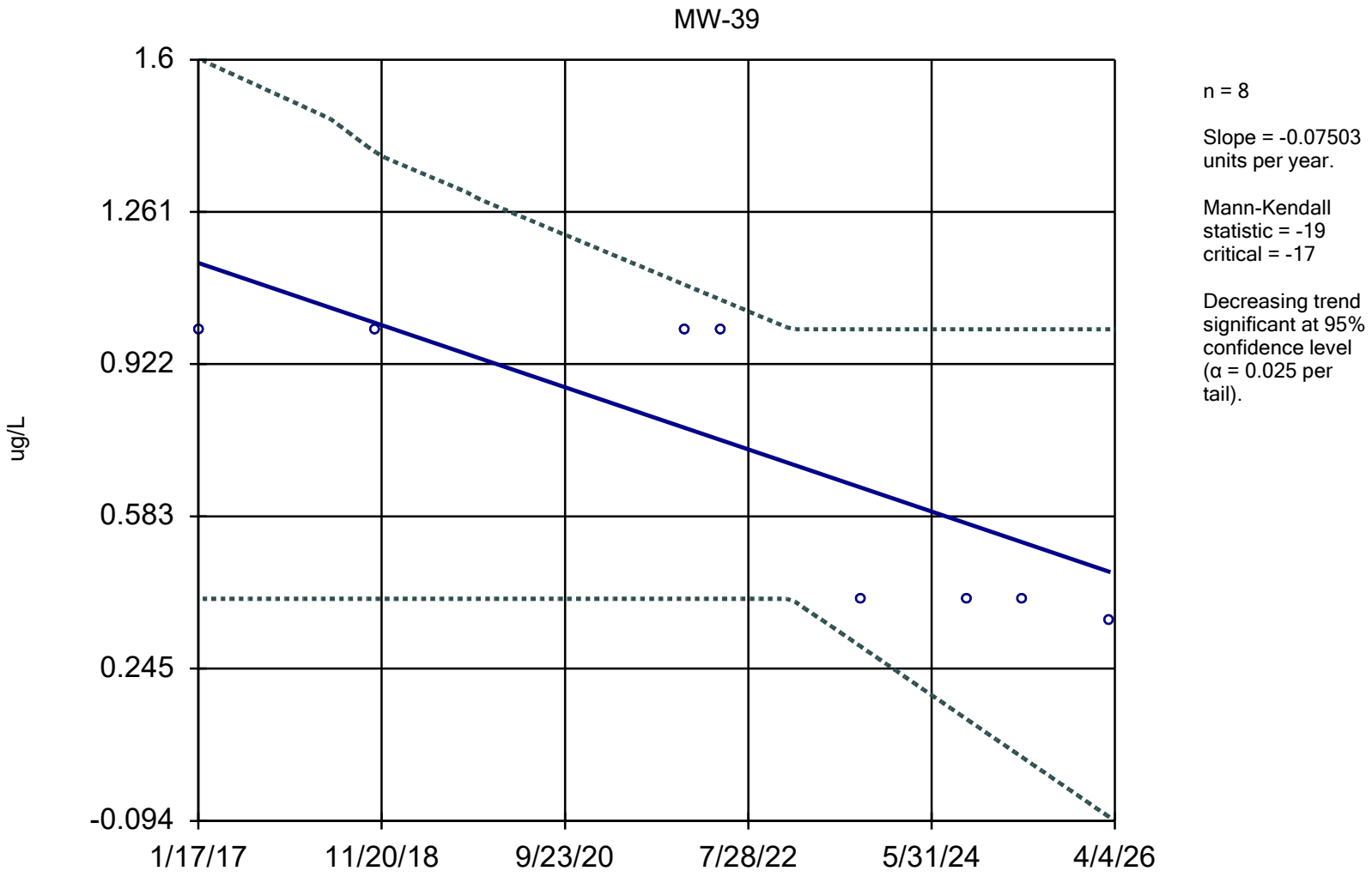
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Chlorobenzene Analysis Run 8/19/2026 12:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

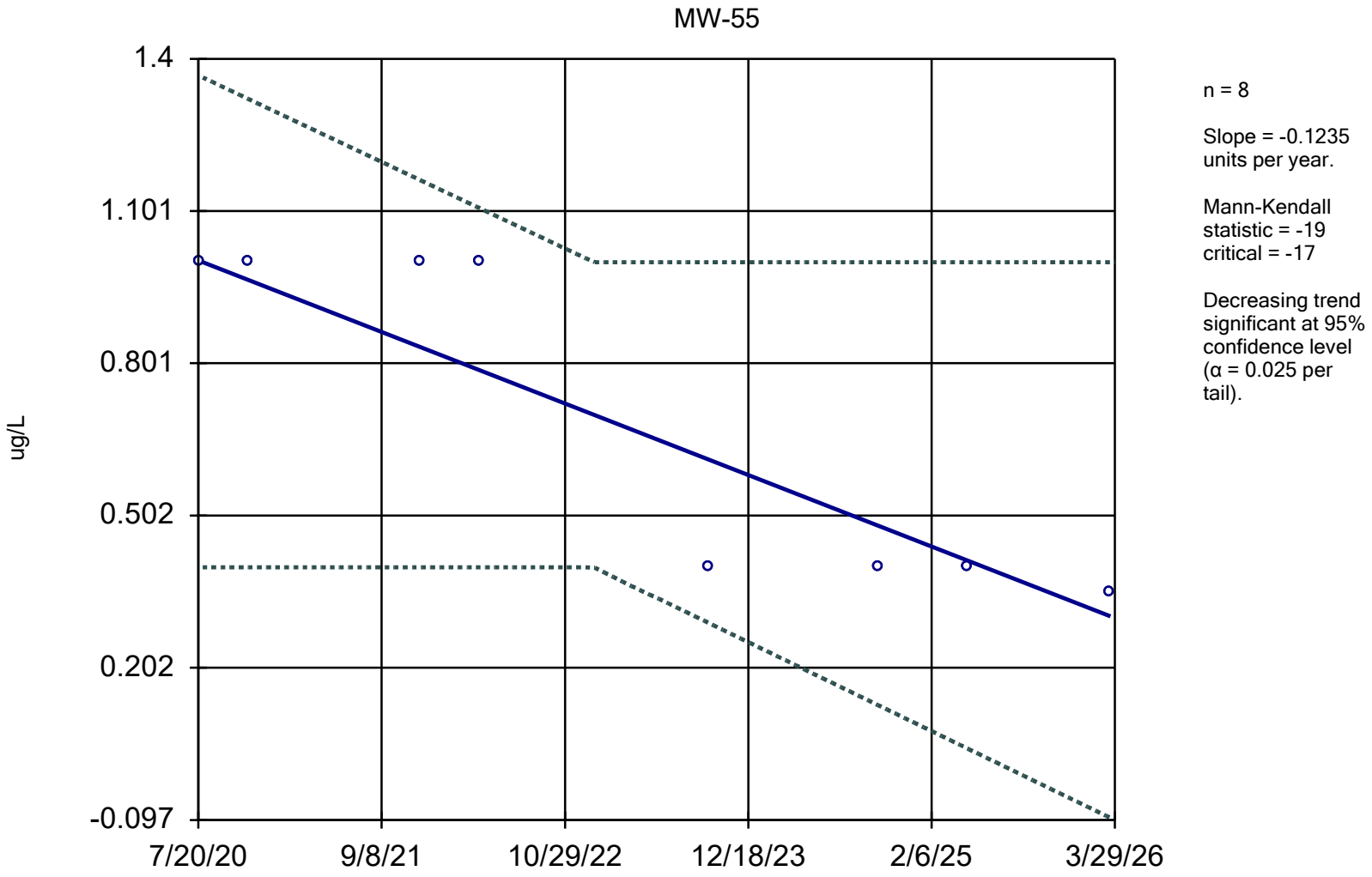


Constituent: Chlorobenzene Analysis Run 8/19/2026 12:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 8

Slope = -0.1235 units per year.

Mann-Kendall statistic = -19
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

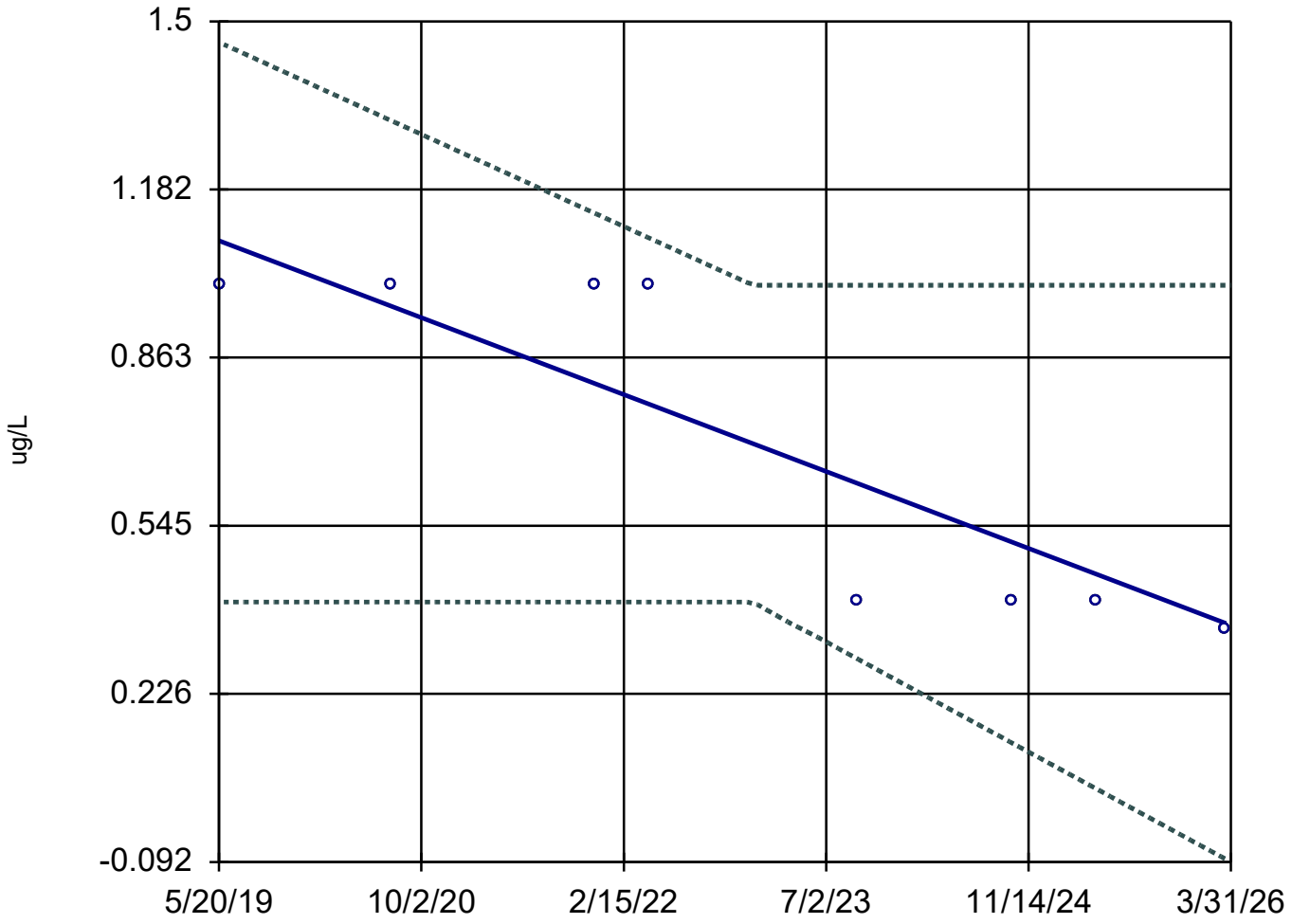
Constituent: Chlorobenzene Analysis Run 8/19/2026 12:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-56



n = 8

Slope = -0.1061 units per year.

Mann-Kendall statistic = -19
critical = -17

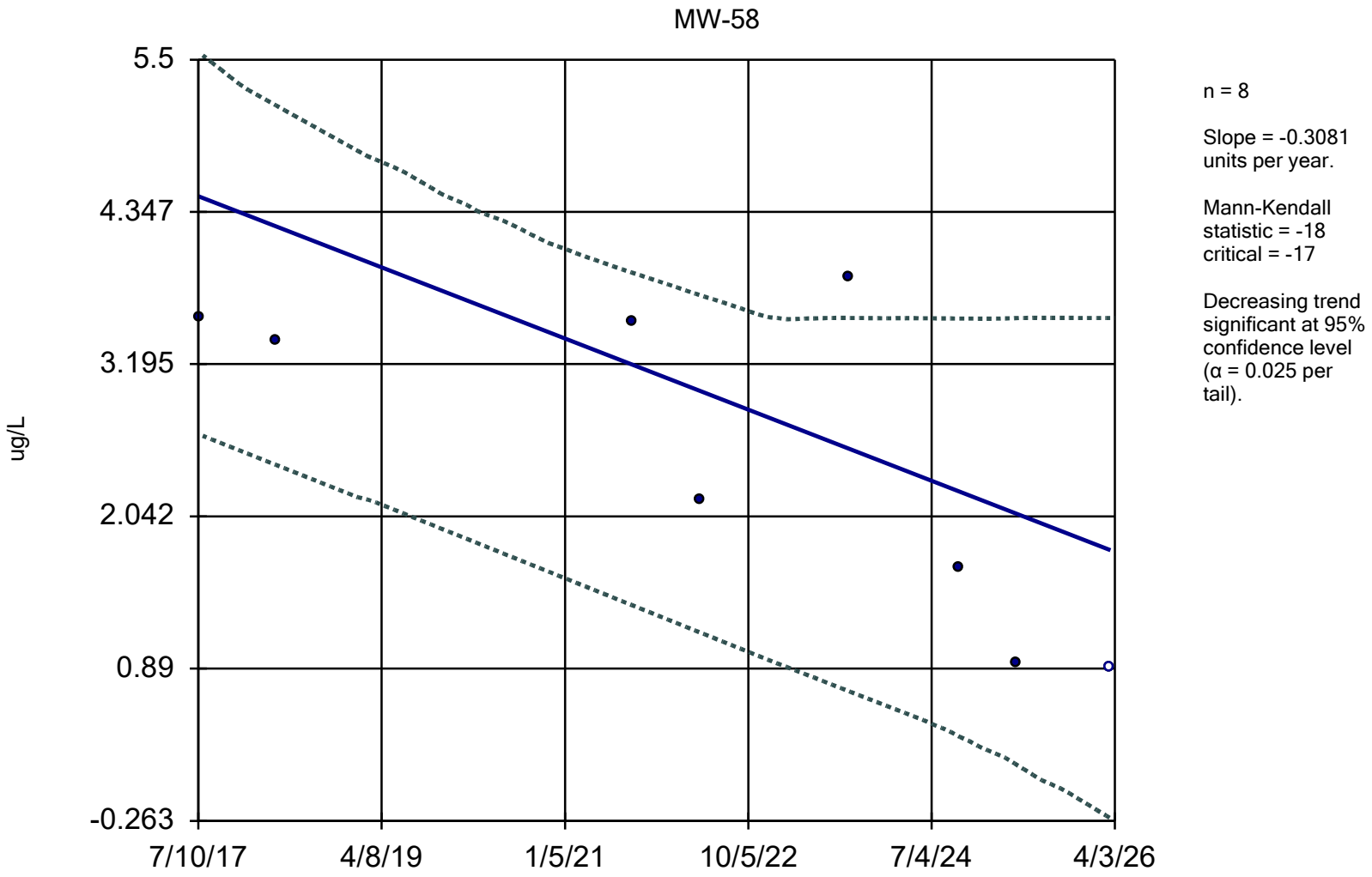
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Chlorobenzene Analysis Run 8/19/2026 12:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



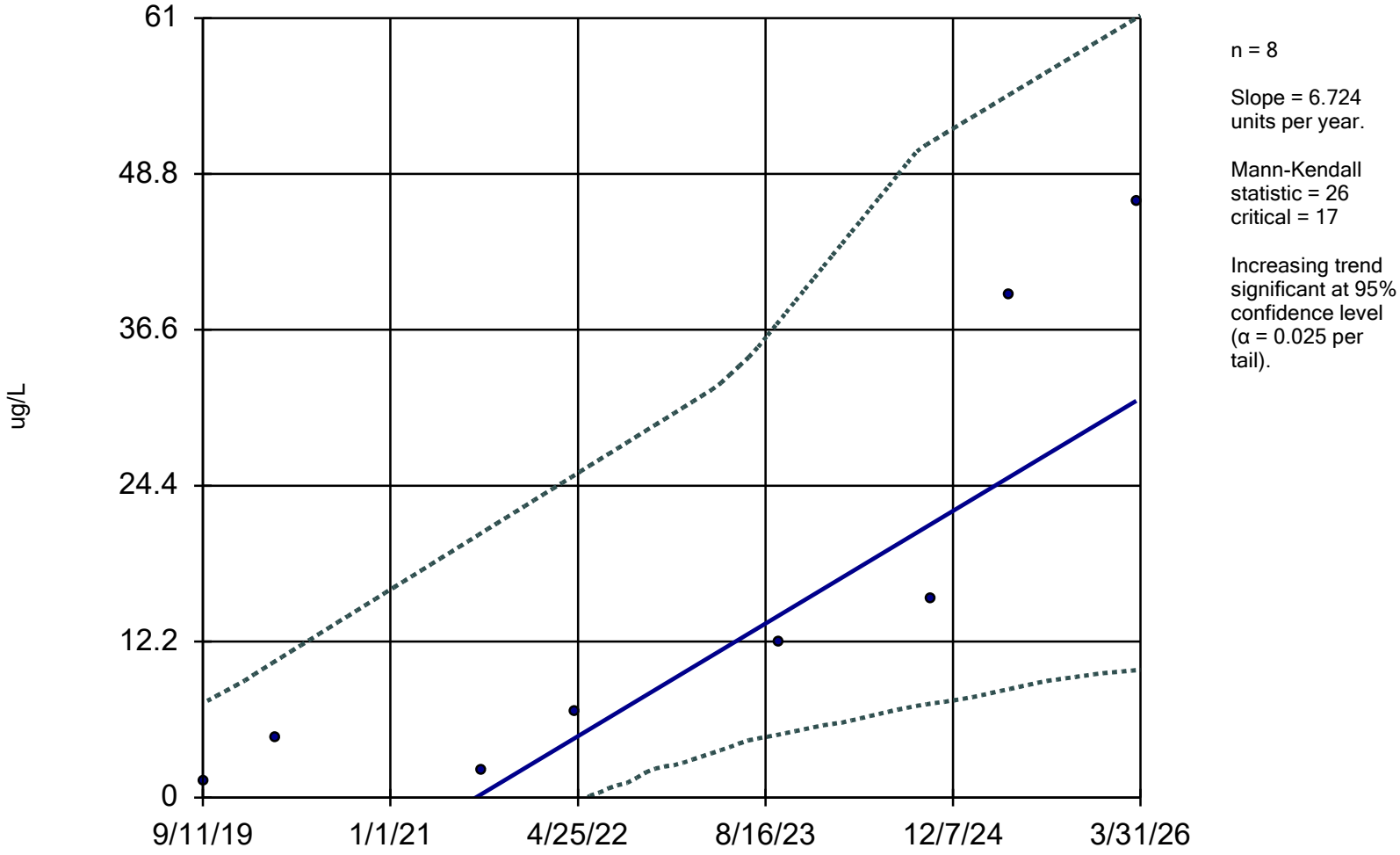
Constituent: Chloroethane Analysis Run 8/19/2026 12:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-14R



n = 8

Slope = 6.724 units per year.

Mann-Kendall statistic = 26
critical = 17

Increasing trend significant at 95% confidence level (α = 0.025 per tail).

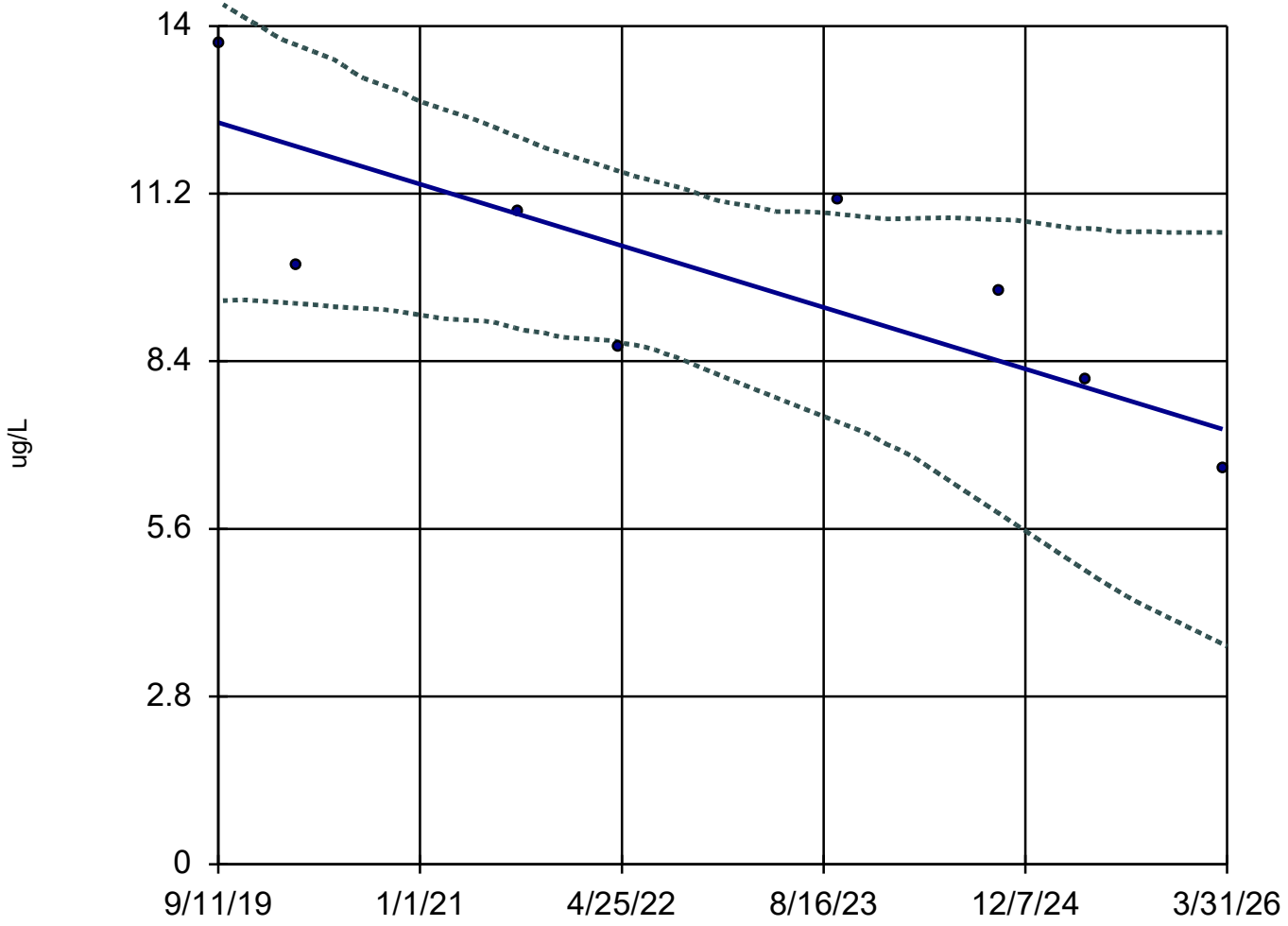
Constituent: cis-1,2-Dichloroethene Analysis Run 8/19/2026 12:15 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-29



n = 8

Slope = -0.7847 units per year.

Mann-Kendall statistic = -18
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

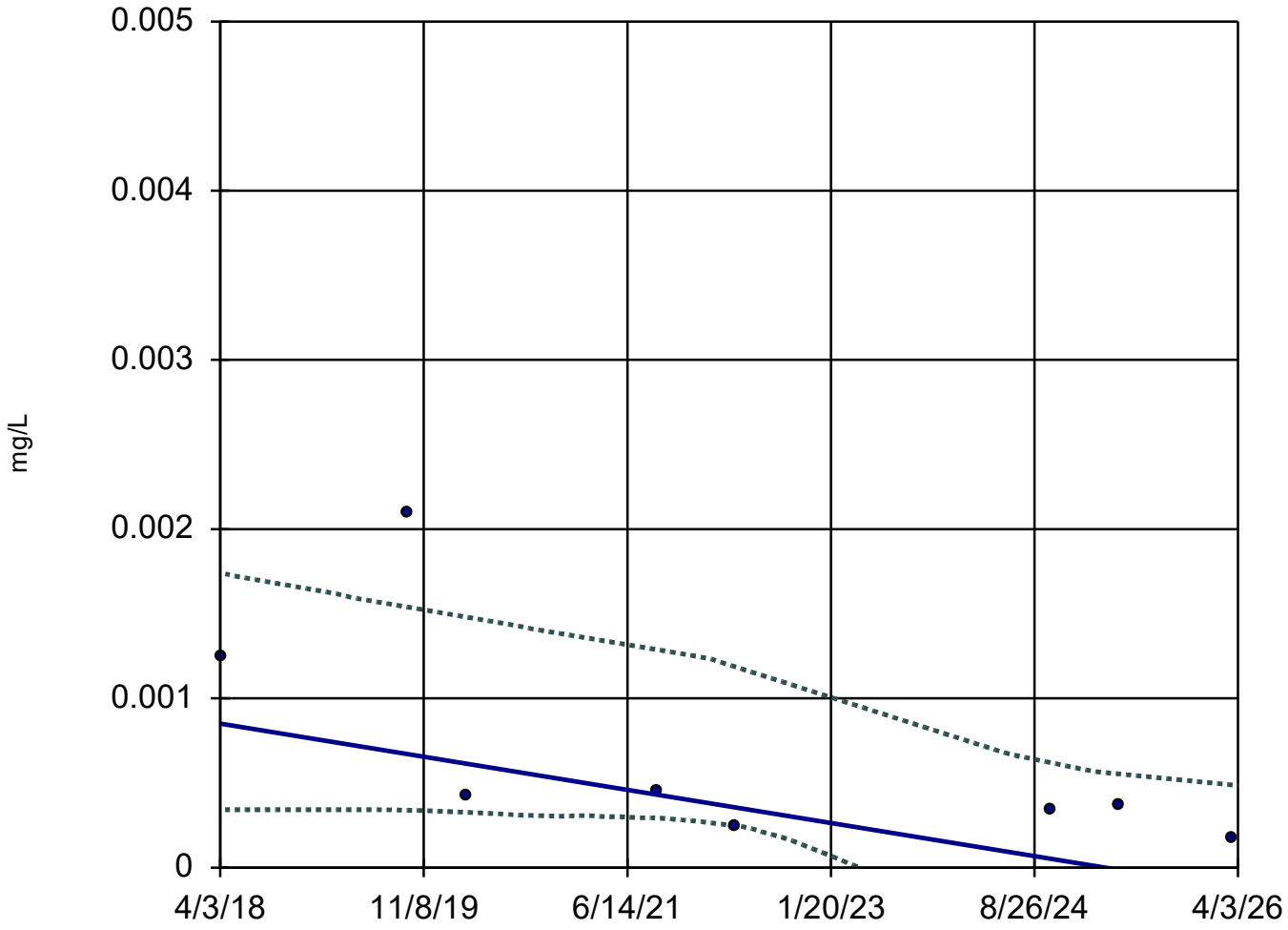
Constituent: cis-1,2-Dichloroethene Analysis Run 8/19/2026 12:15 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

SW-103



n = 8

Slope = -0.0001223 units per year.

Mann-Kendall statistic = -18
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

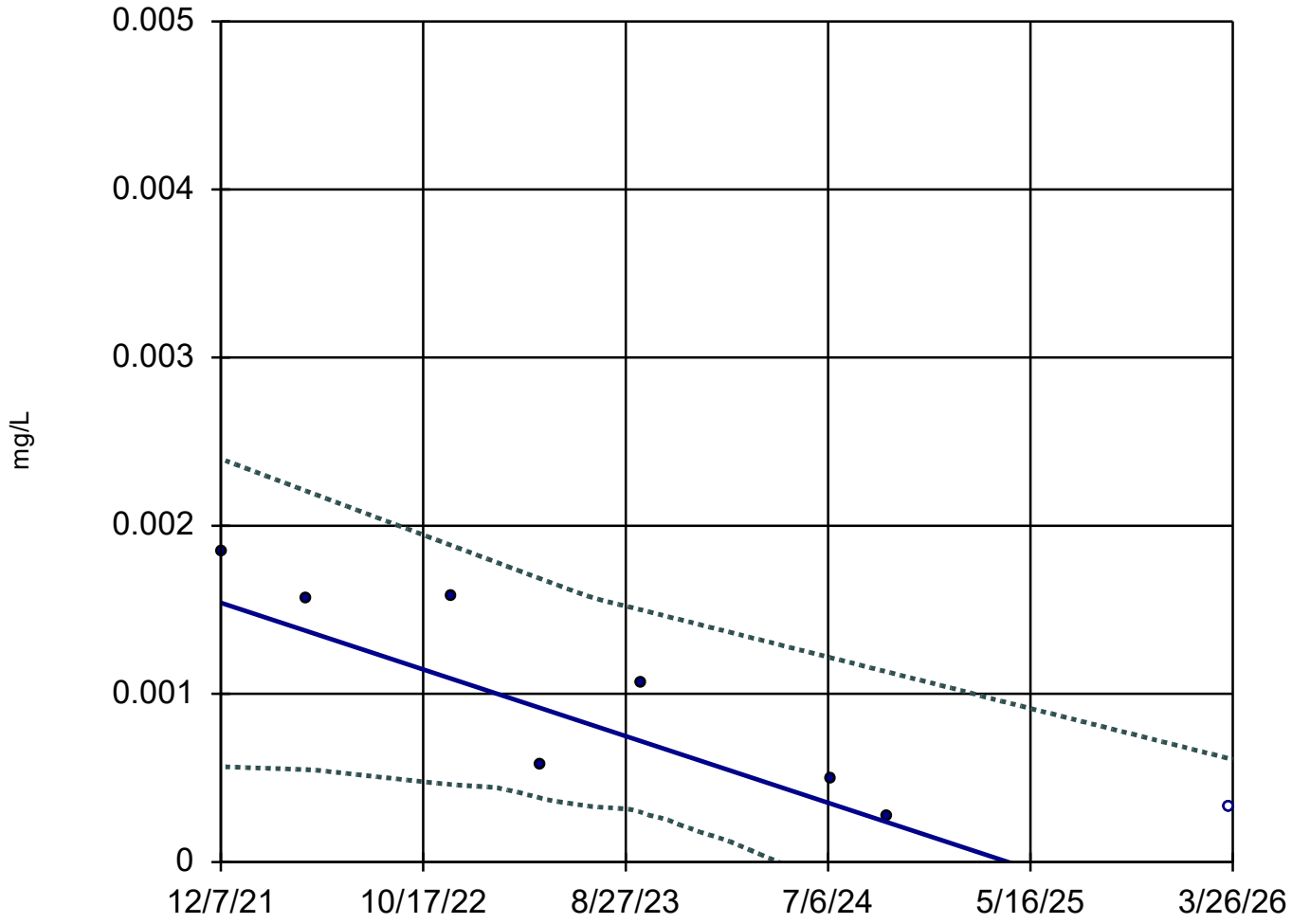
Constituent: Cobalt Analysis Run 8/19/2026 12:15 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-73



n = 8

Slope = -0.0004608 units per year.

Mann-Kendall statistic = -22
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

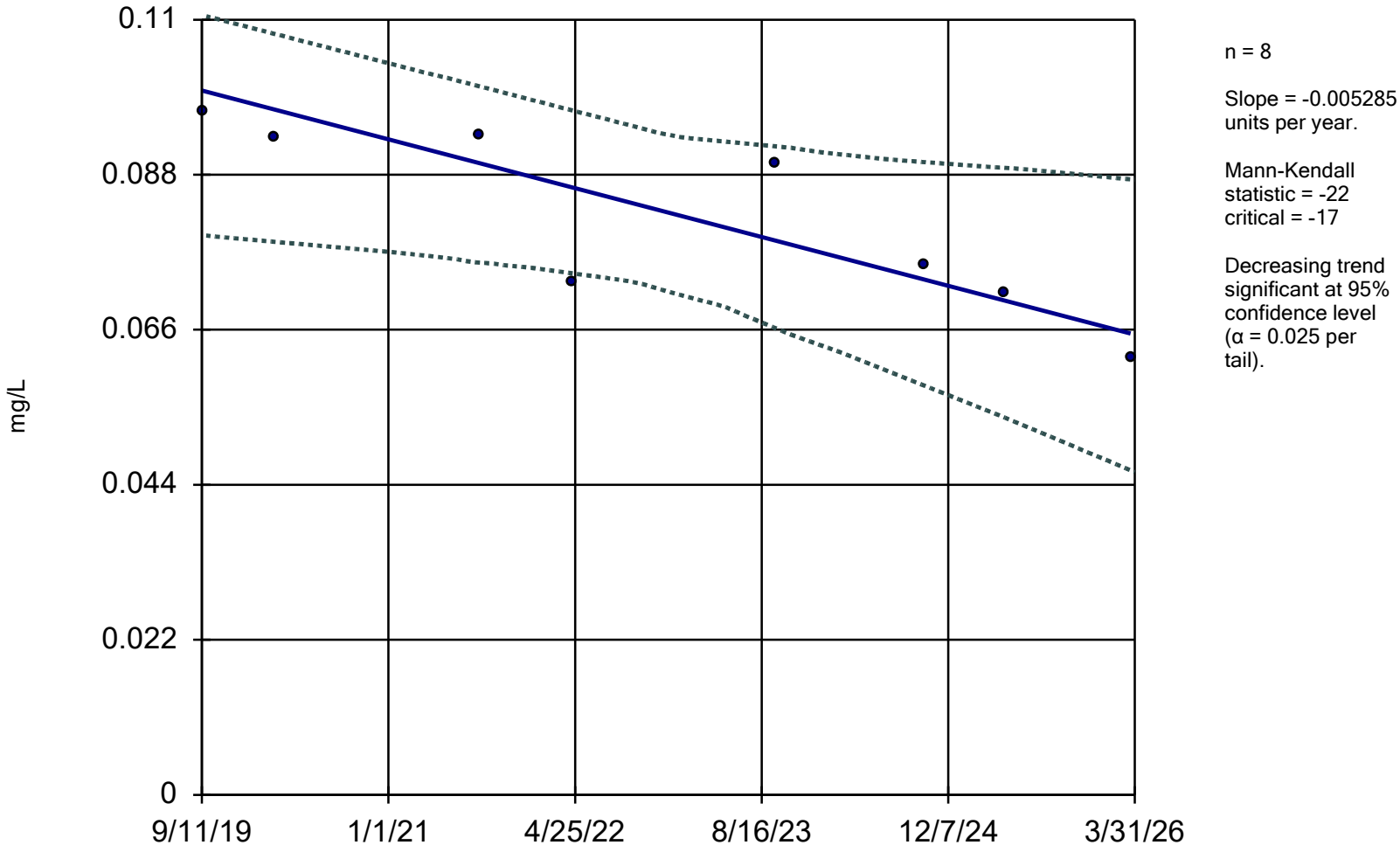
Constituent: Lead Analysis Run 8/19/2026 12:18 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-29



n = 8

Slope = -0.005285 units per year.

Mann-Kendall statistic = -22
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

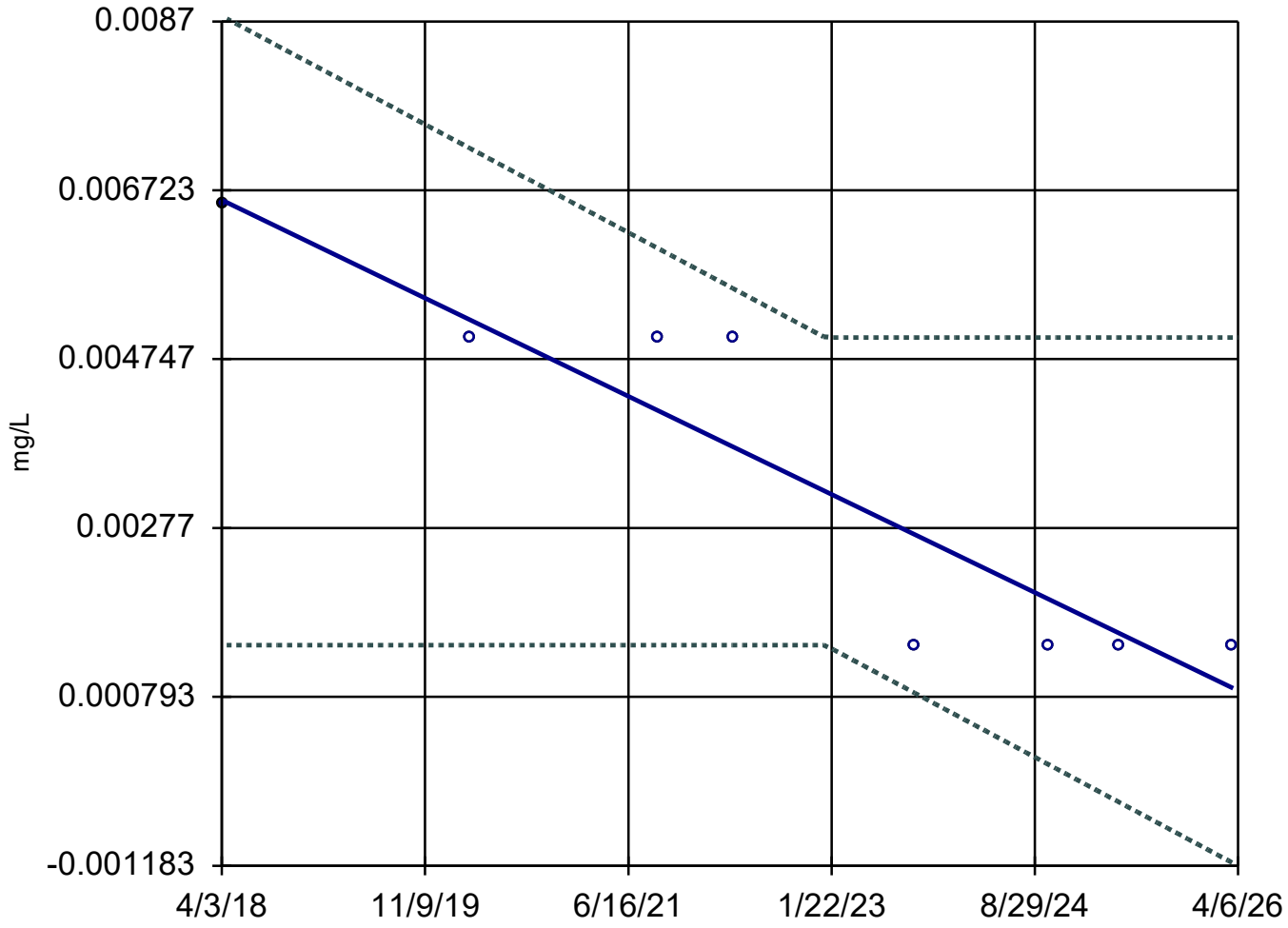
Constituent: Nickel Analysis Run 8/19/2026 12:18 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

GU-3A



n = 8

Slope = -0.0007166 units per year.

Mann-Kendall statistic = -19
critical = -17

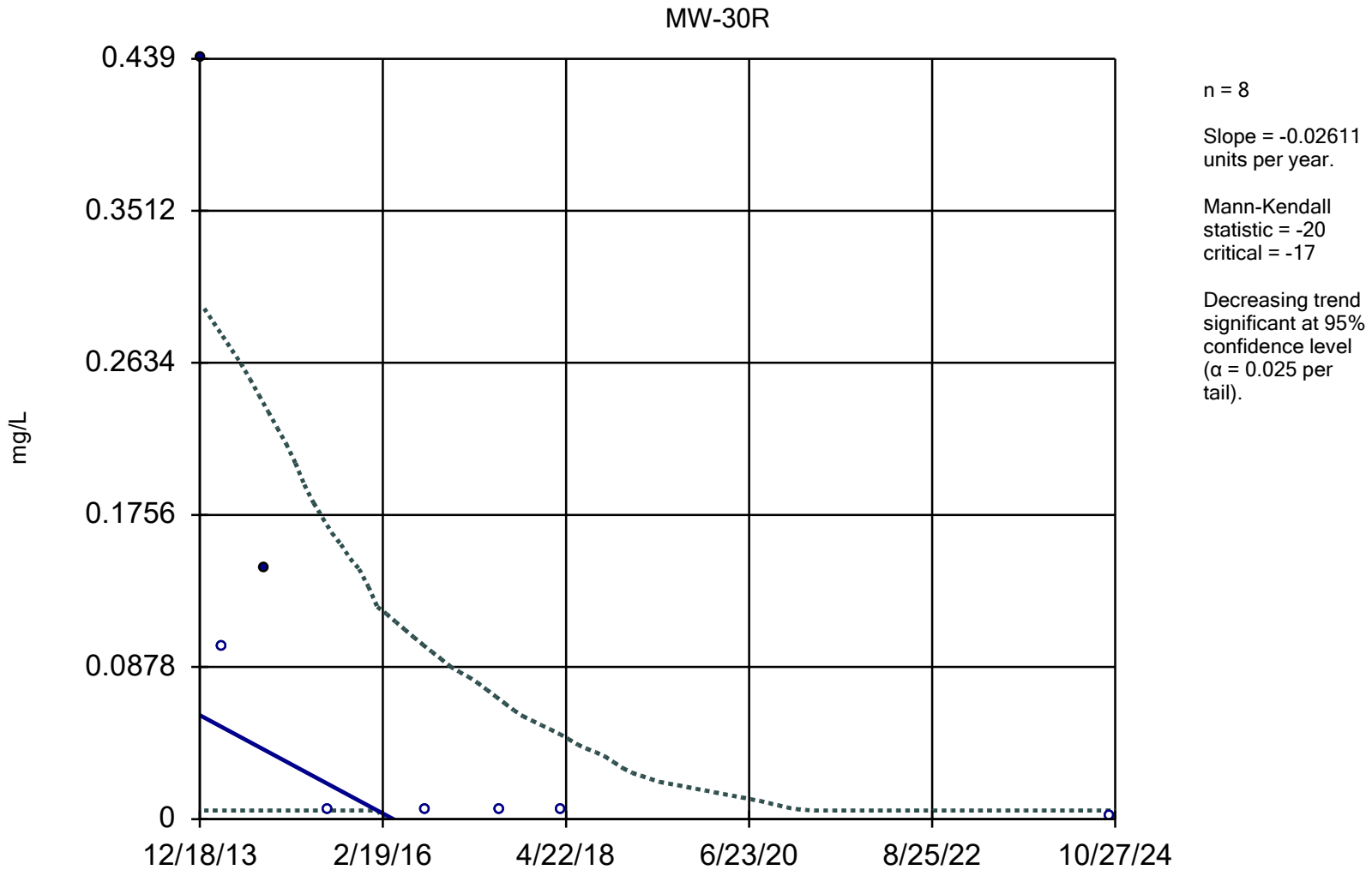
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Selenium Analysis Run 8/19/2026 12:18 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

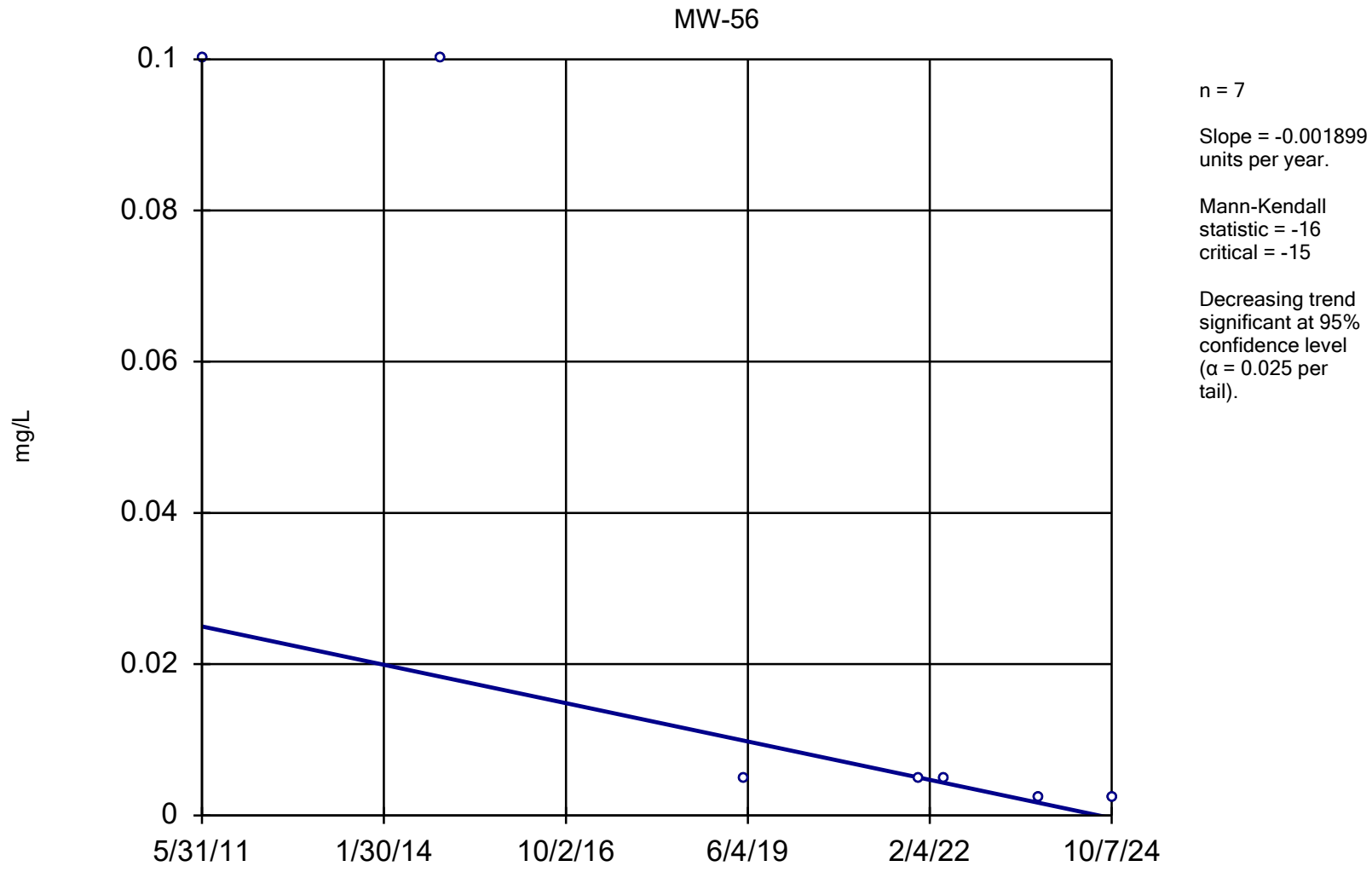


Constituent: Tin Analysis Run 8/19/2026 12:20 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

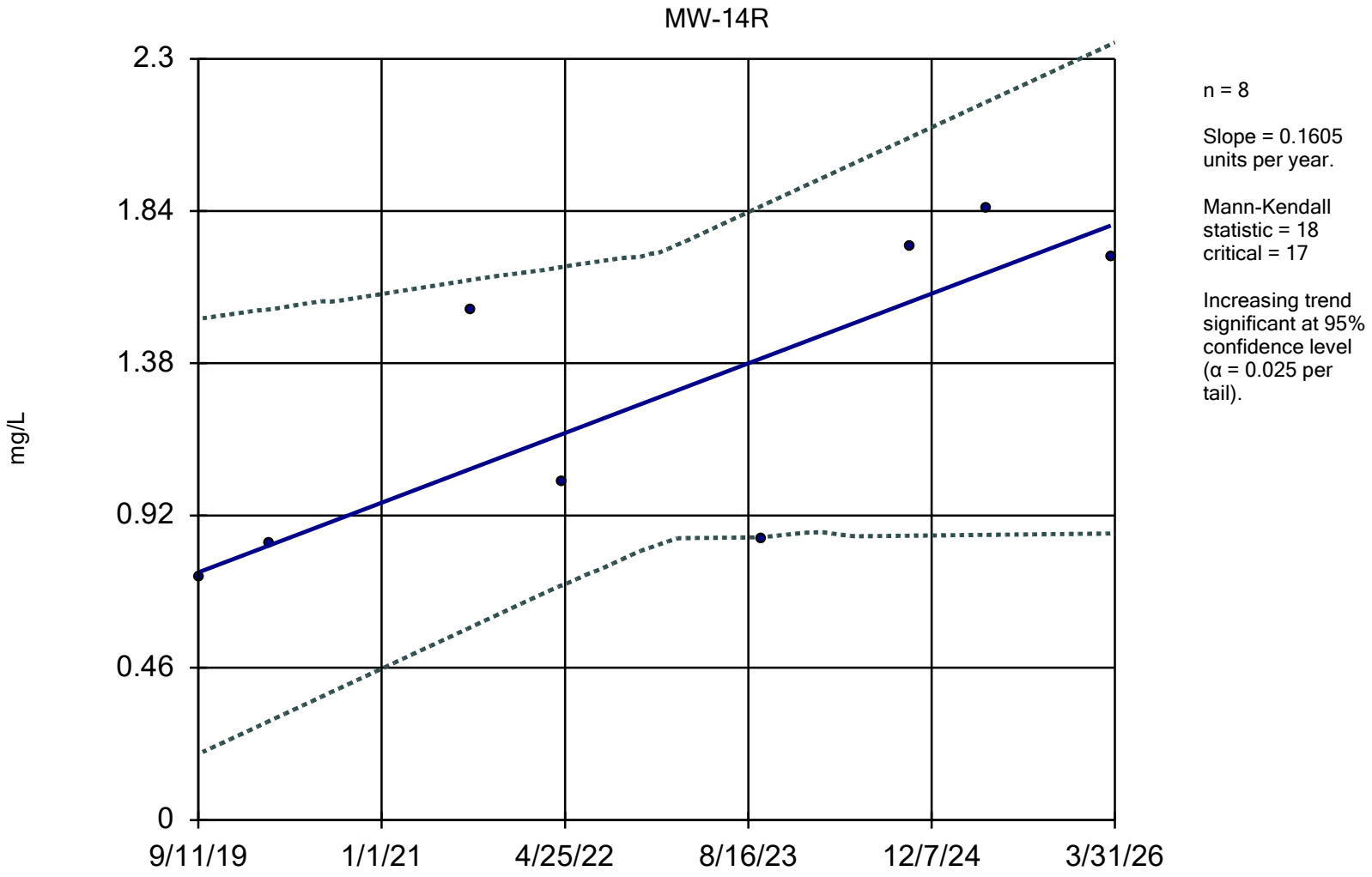


Constituent: Tin Analysis Run 8/19/2026 12:20 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band



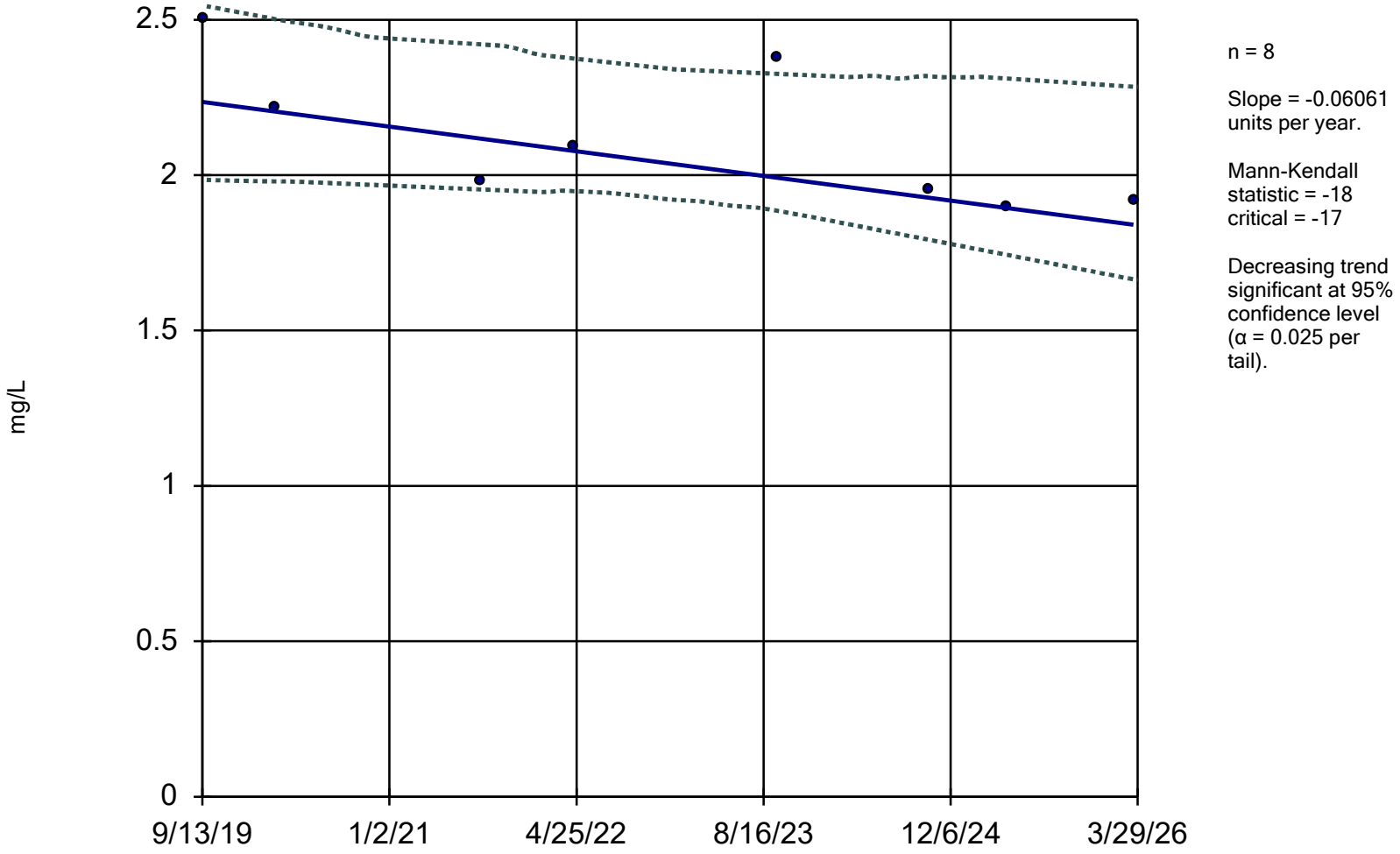
Constituent: Total Organic Carbon Analysis Run 8/19/2026 12:20 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-70



n = 8

Slope = -0.06061 units per year.

Mann-Kendall statistic = -18
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

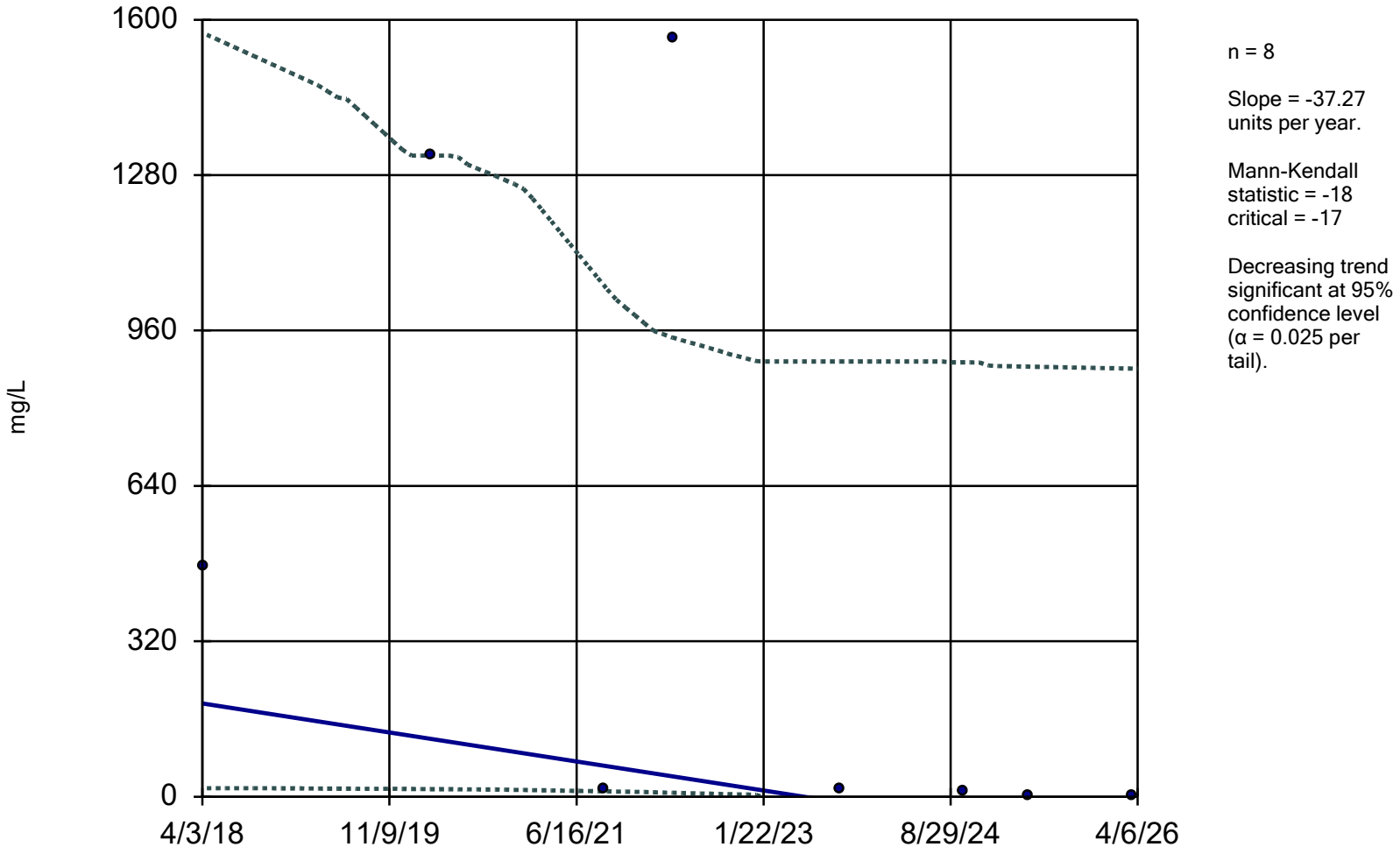
Constituent: Total Organic Carbon Analysis Run 8/19/2026 12:21 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

GU-3A



n = 8

Slope = -37.27 units per year.

Mann-Kendall statistic = -18
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

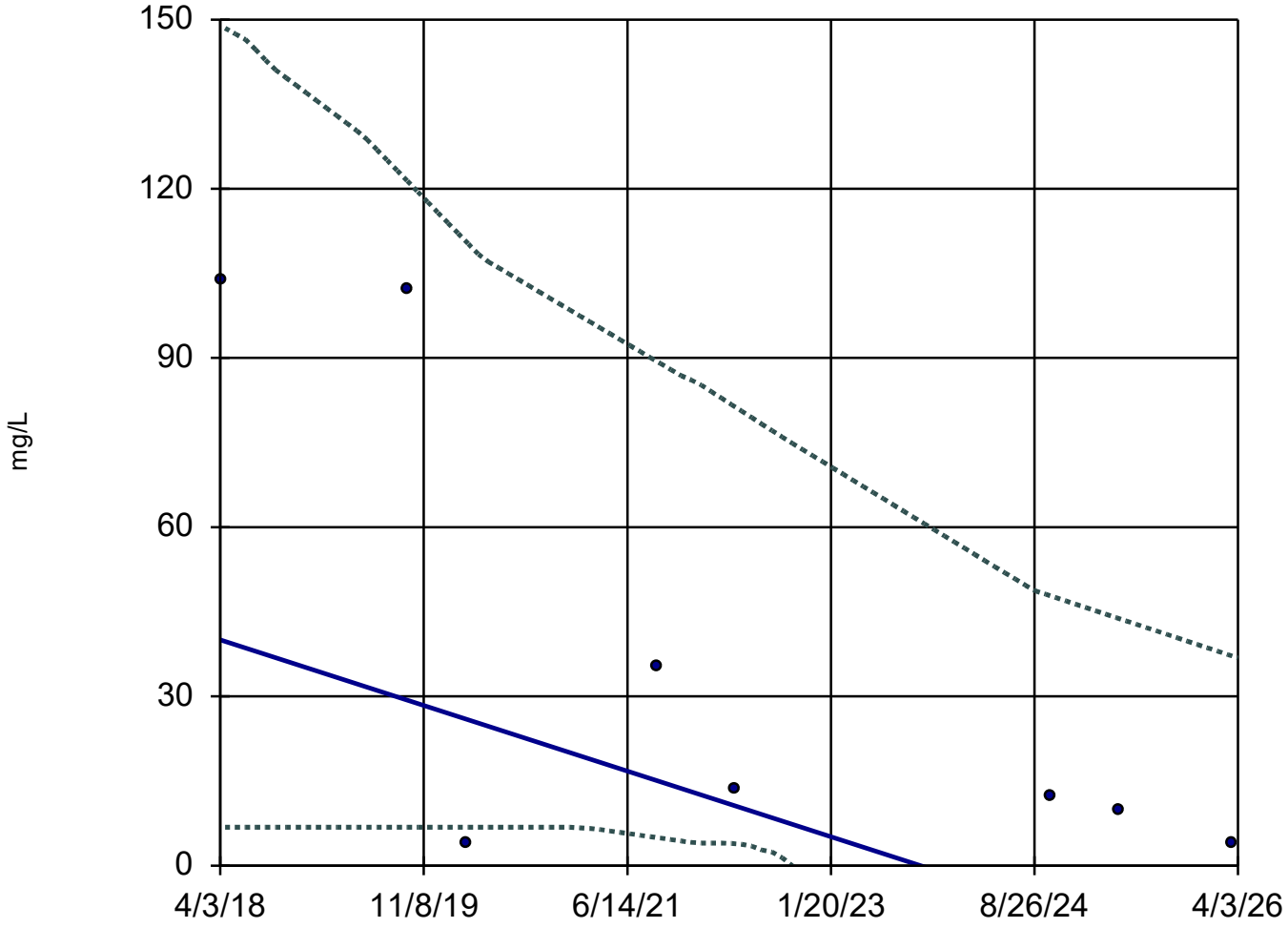
Constituent: Total Suspended Solids Analysis Run 8/19/2026 12:21 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

SW-103



n = 8

Slope = -7.262 units per year.

Mann-Kendall statistic = -19
critical = -17

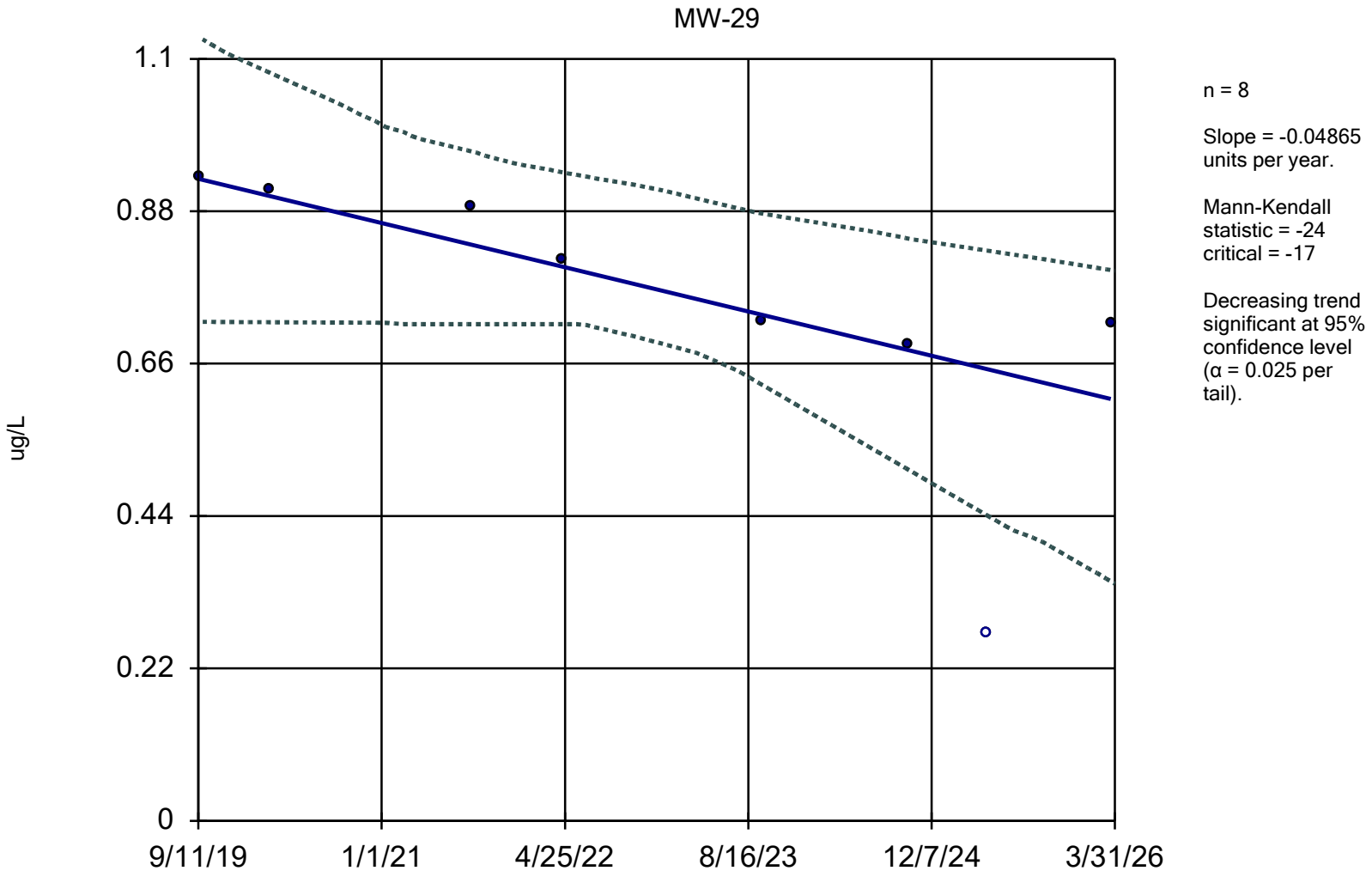
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Total Suspended Solids Analysis Run 8/19/2026 12:21 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



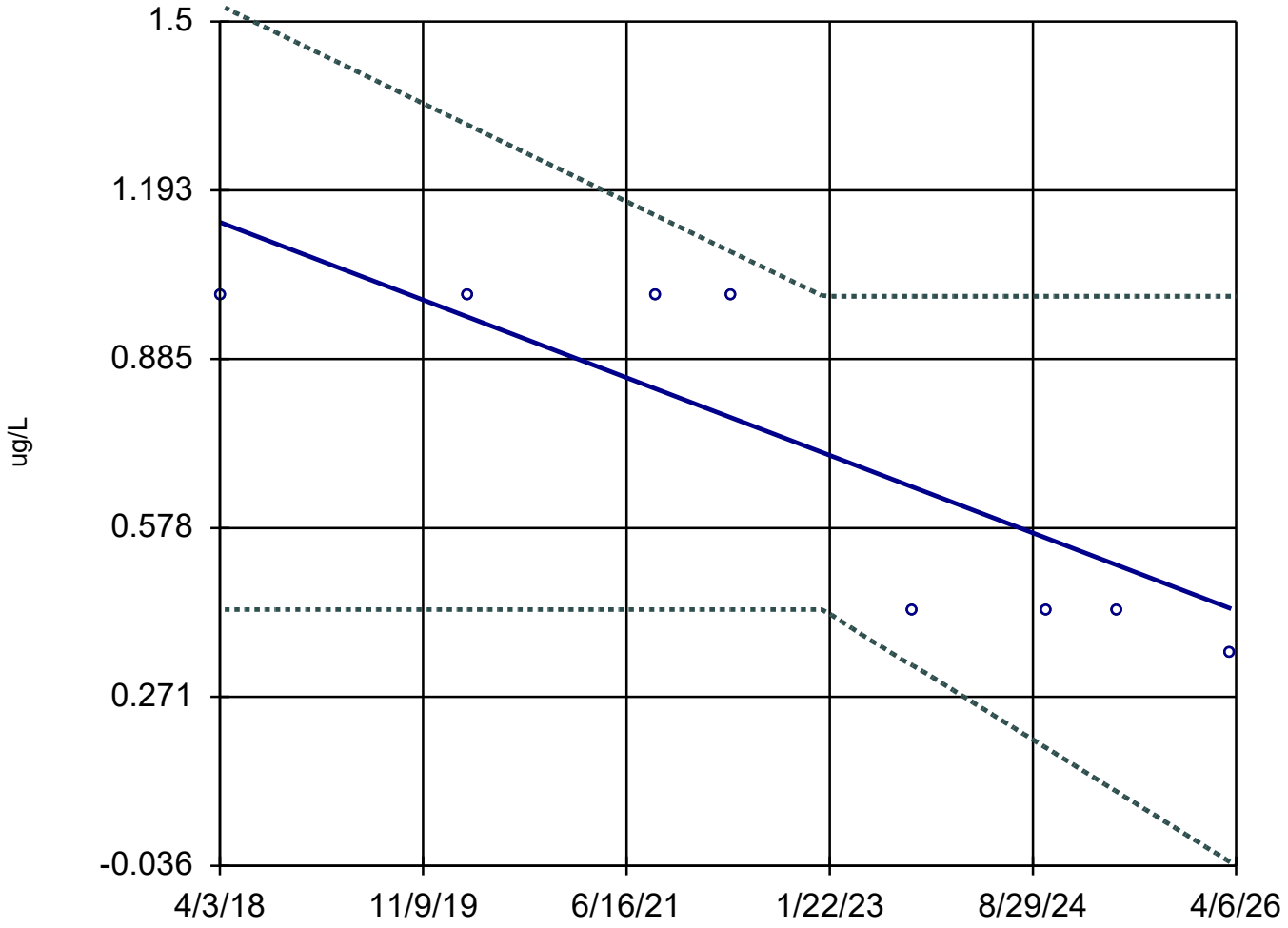
Constituent: trans-1,2-Dichloroethene Analysis Run 8/19/2026 12:21 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

GU-3A



n = 8

Slope = -0.08818 units per year.

Mann-Kendall statistic = -19
critical = -17

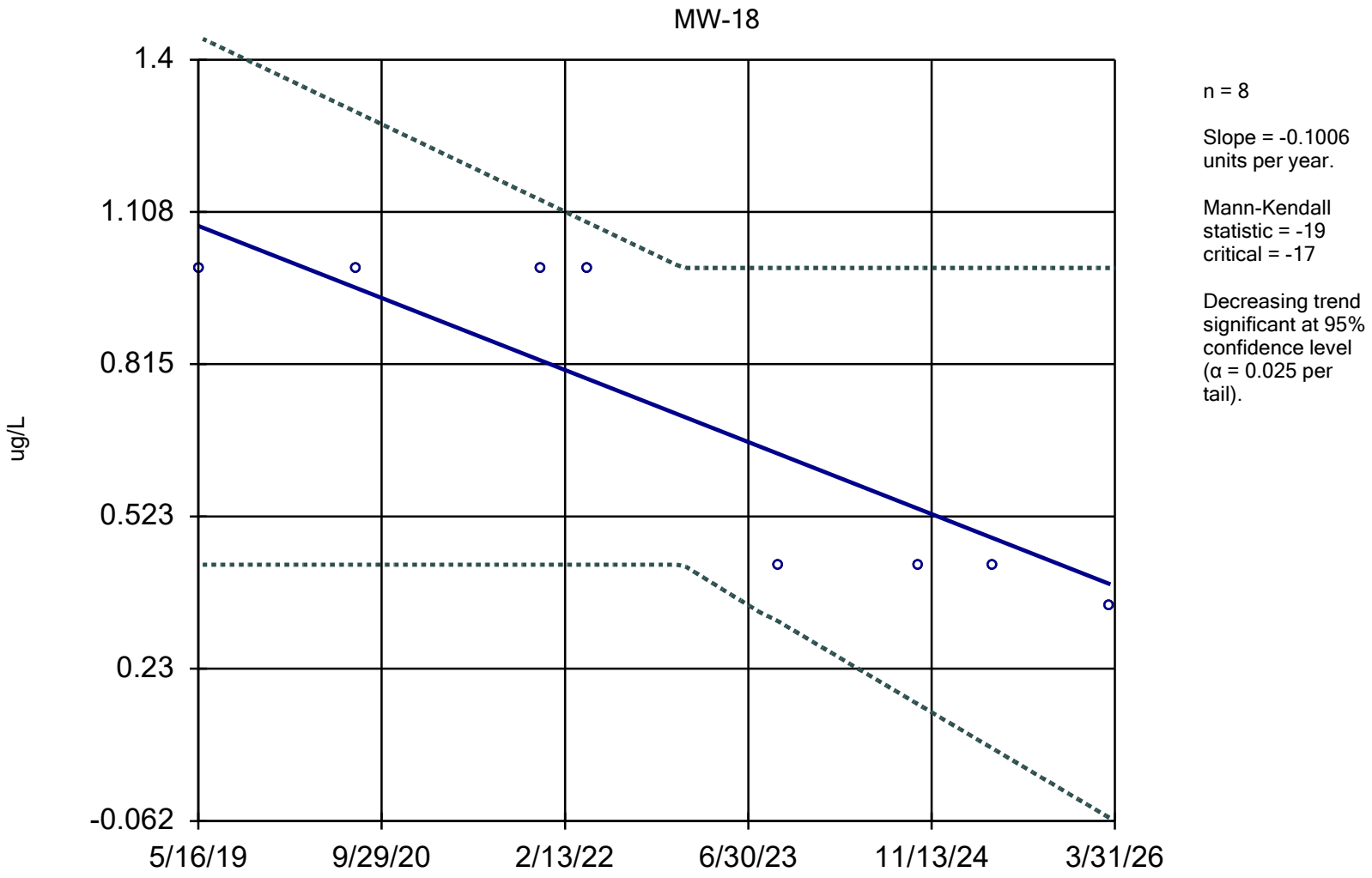
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Trichloroethene Analysis Run 8/19/2026 12:21 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 8

Slope = -0.1006 units per year.

Mann-Kendall statistic = -19
critical = -17

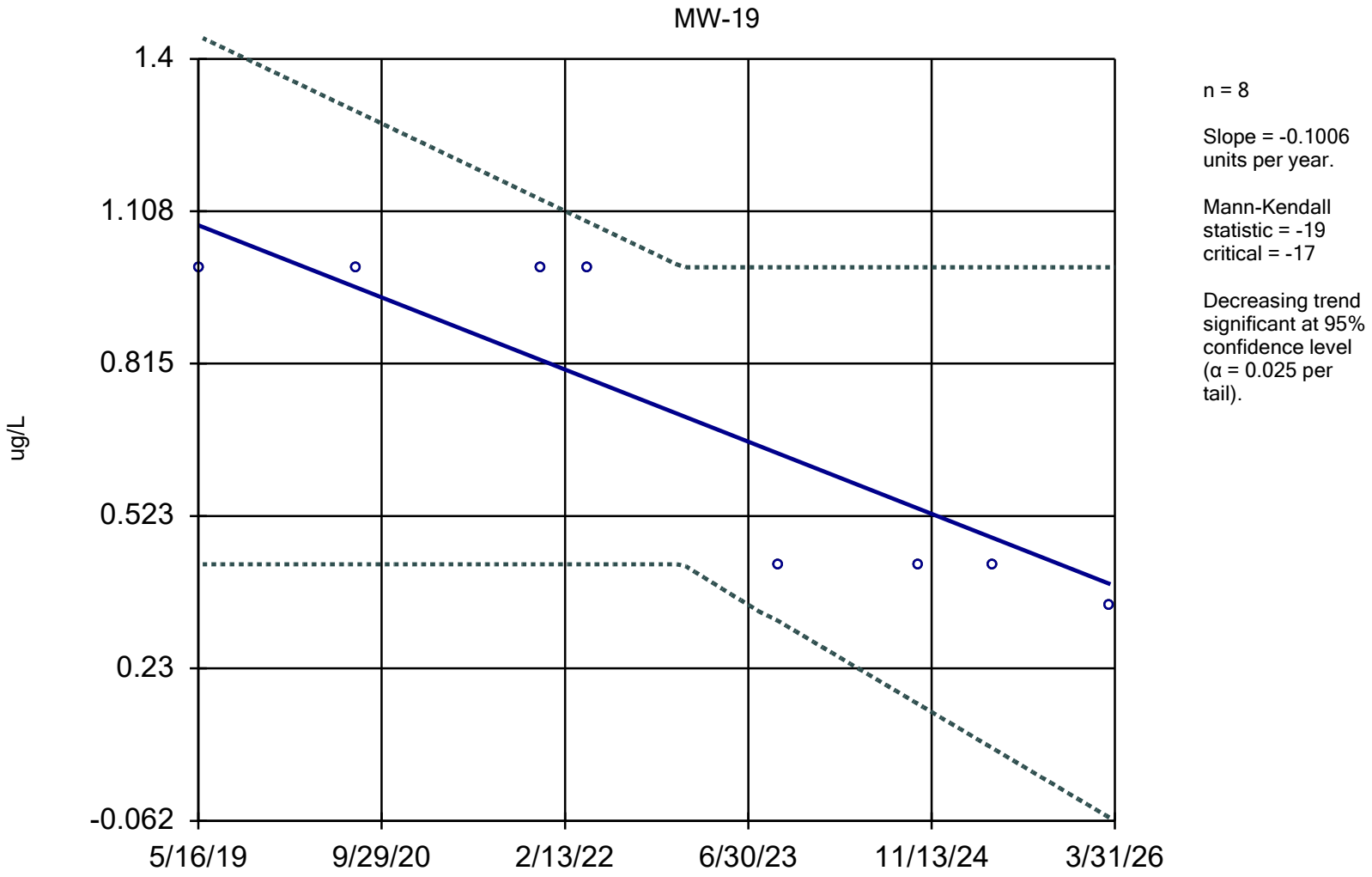
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Trichloroethene Analysis Run 8/19/2026 12:21 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 8

Slope = -0.1006 units per year.

Mann-Kendall statistic = -19
critical = -17

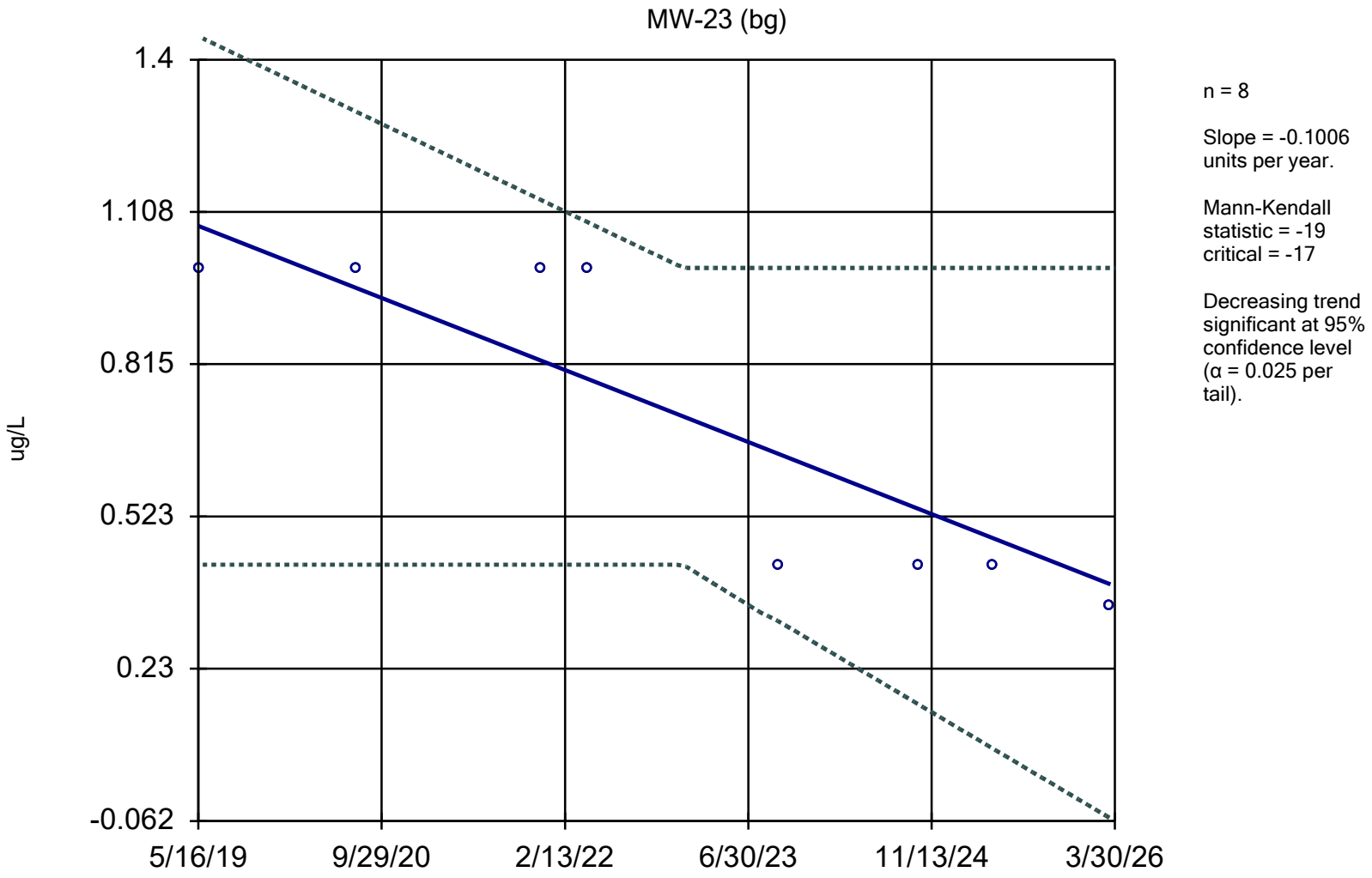
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Trichloroethene Analysis Run 8/19/2026 12:22 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 8

Slope = -0.1006 units per year.

Mann-Kendall statistic = -19
critical = -17

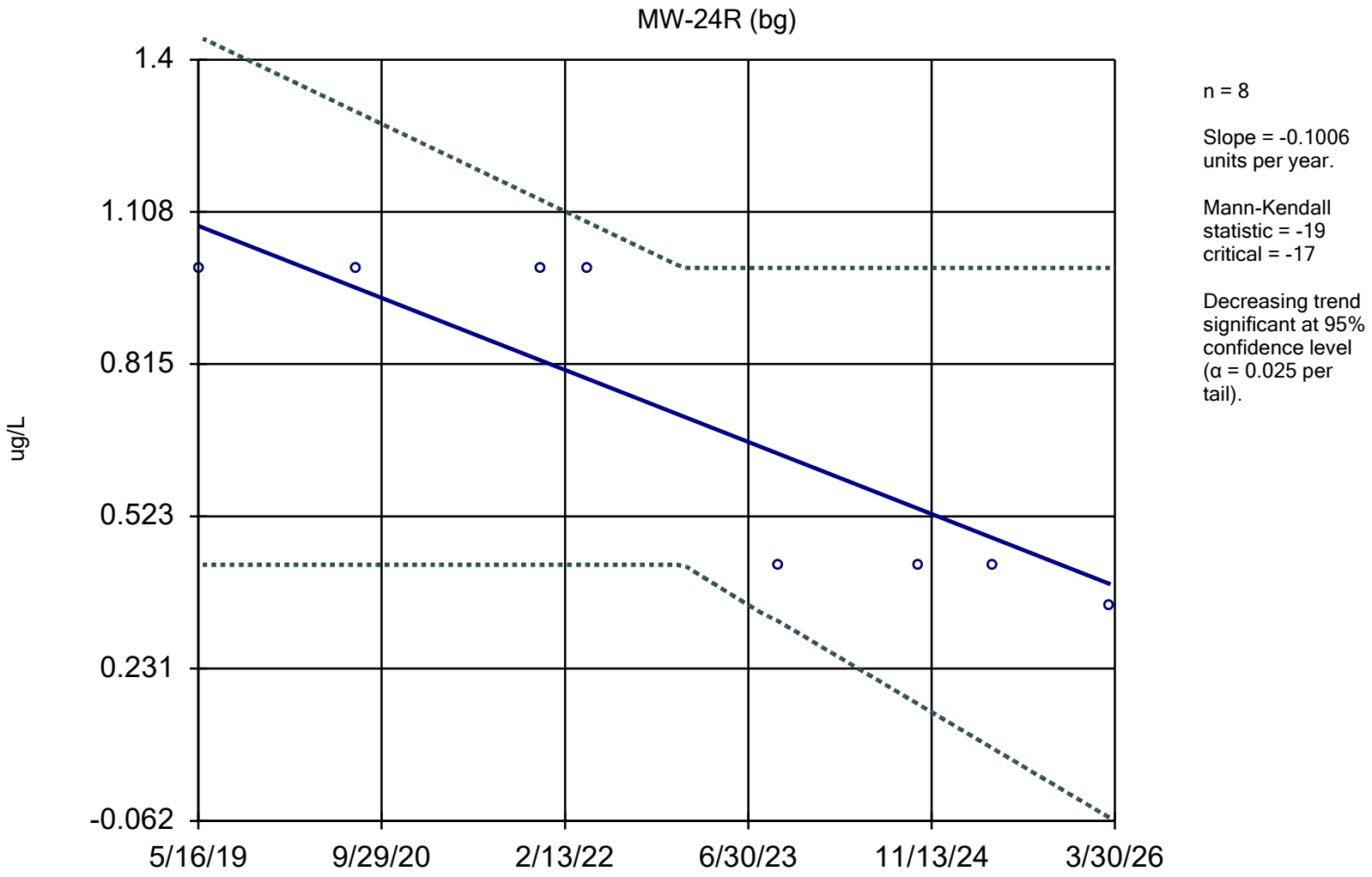
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Trichloroethene Analysis Run 8/19/2026 12:22 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

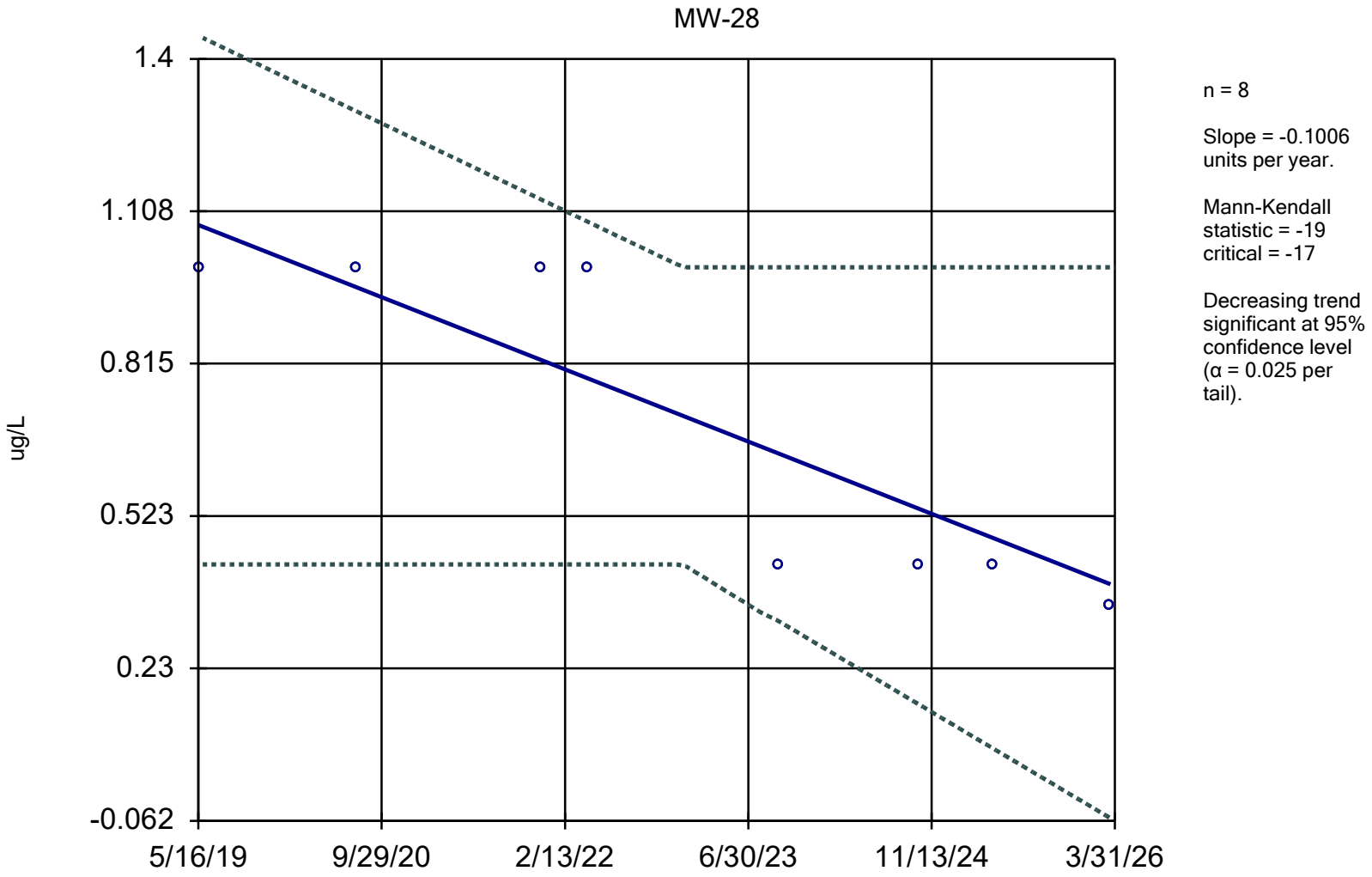


Constituent: Trichloroethene Analysis Run 8/19/2026 12:22 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 8

Slope = -0.1006 units per year.

Mann-Kendall statistic = -19
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

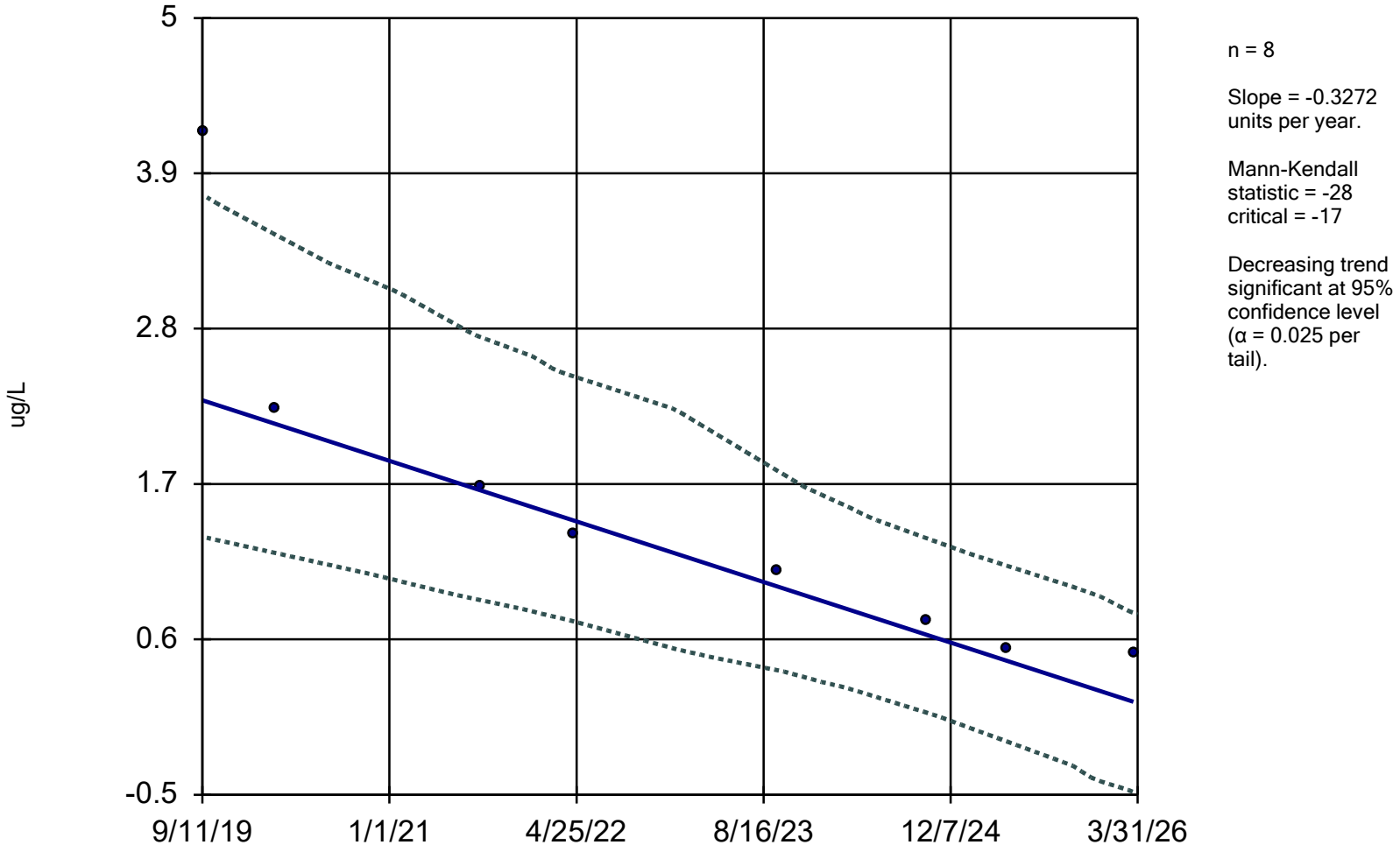
Constituent: Trichloroethene Analysis Run 8/19/2026 12:22 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-29



n = 8

Slope = -0.3272 units per year.

Mann-Kendall statistic = -28
critical = -17

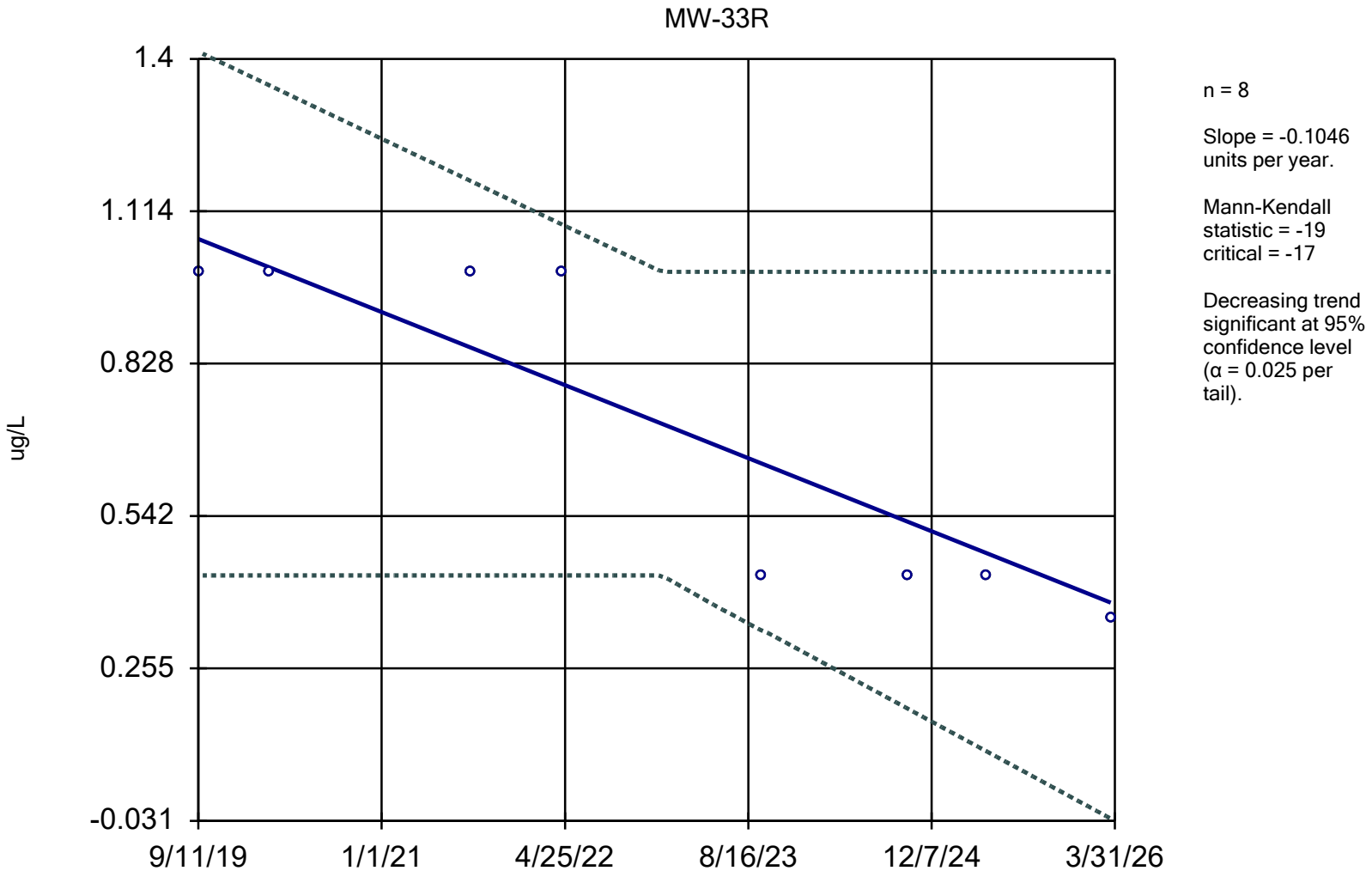
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Trichloroethene Analysis Run 8/19/2026 12:22 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



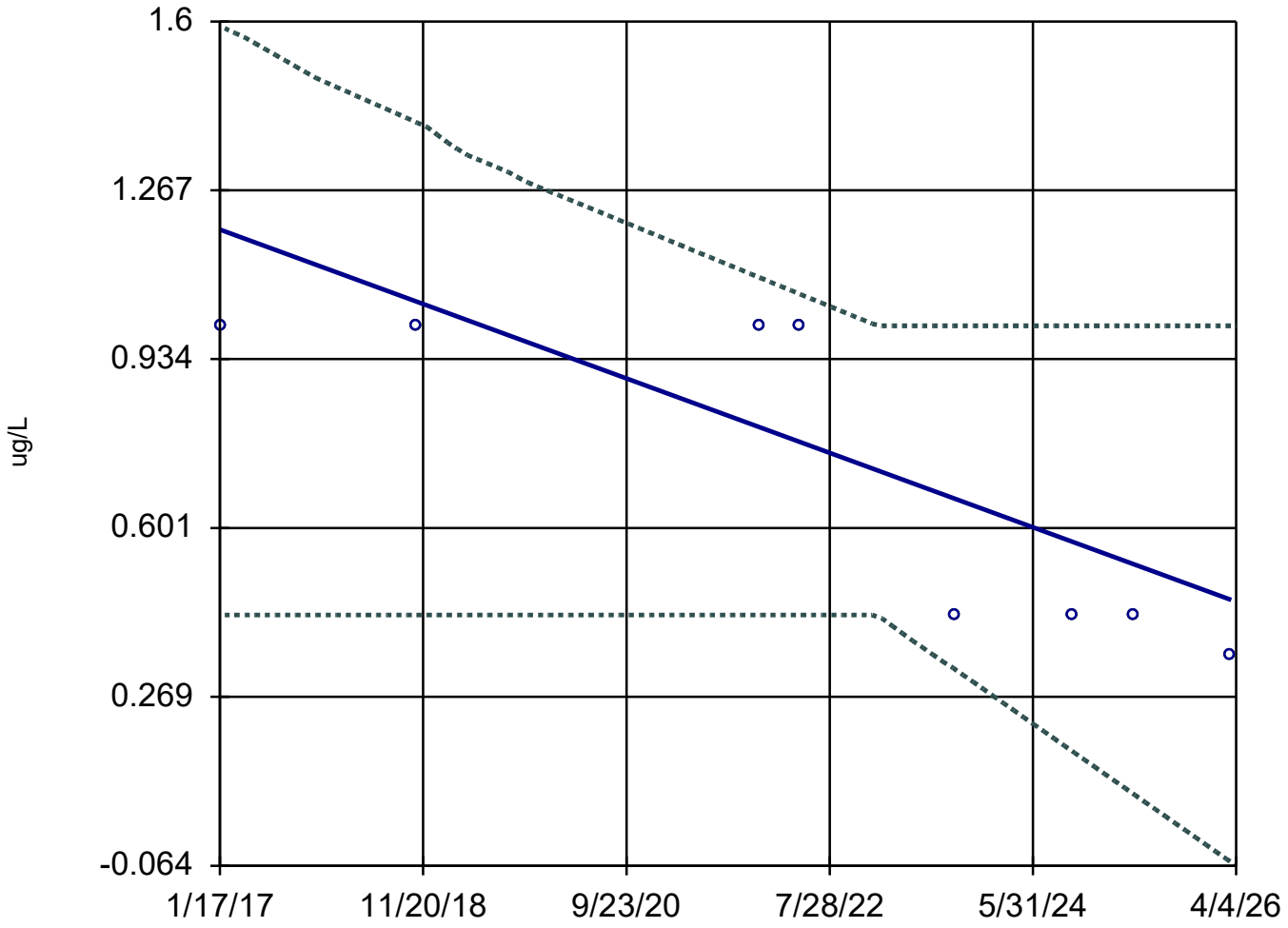
Constituent: Trichloroethene Analysis Run 8/19/2026 12:22 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-39



n = 8

Slope = -0.07958 units per year.

Mann-Kendall statistic = -19
critical = -17

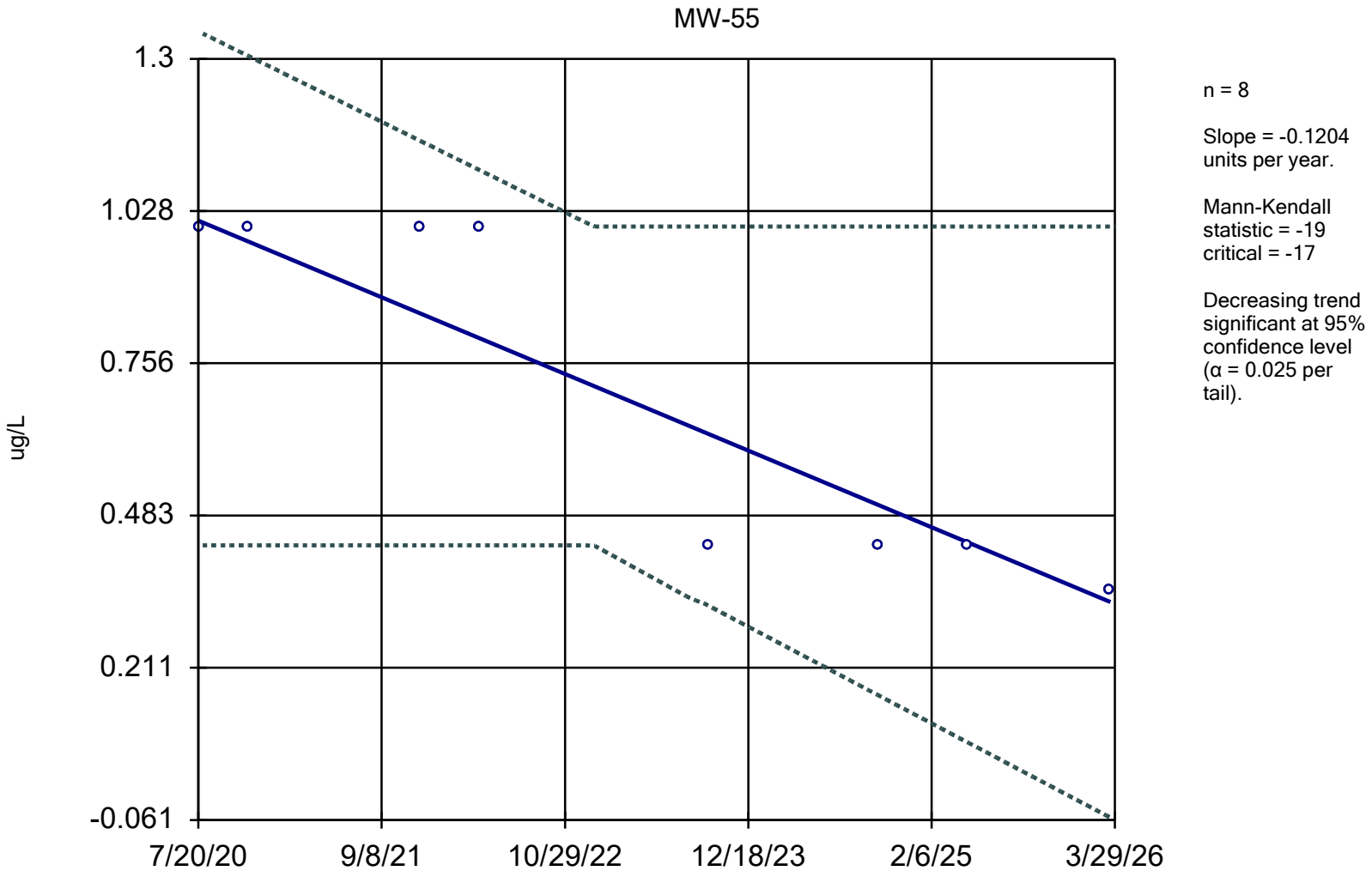
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Trichloroethene Analysis Run 8/19/2026 12:22 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 8

Slope = -0.1204 units per year.

Mann-Kendall statistic = -19
critical = -17

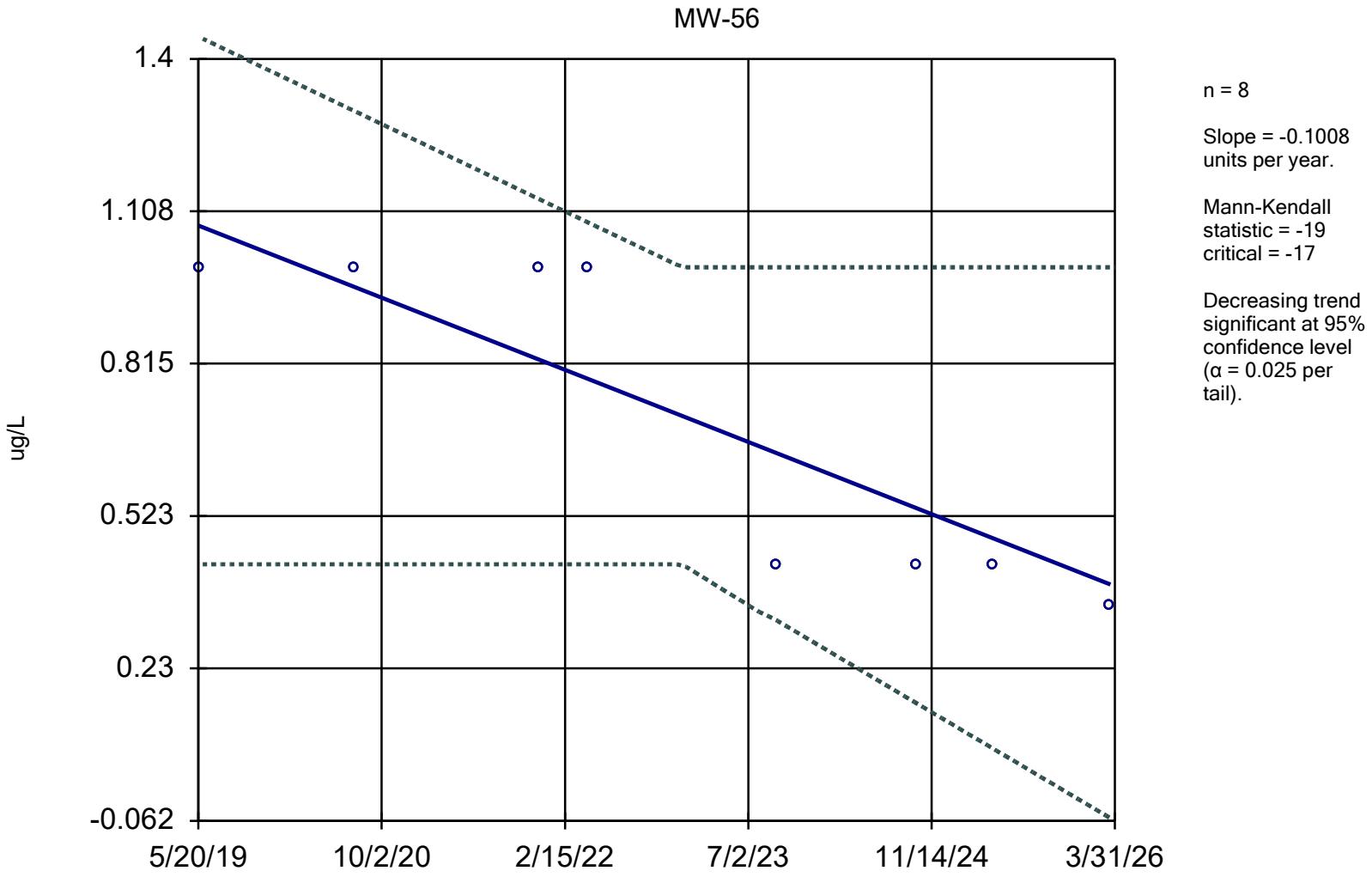
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Trichloroethene Analysis Run 8/19/2026 12:22 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



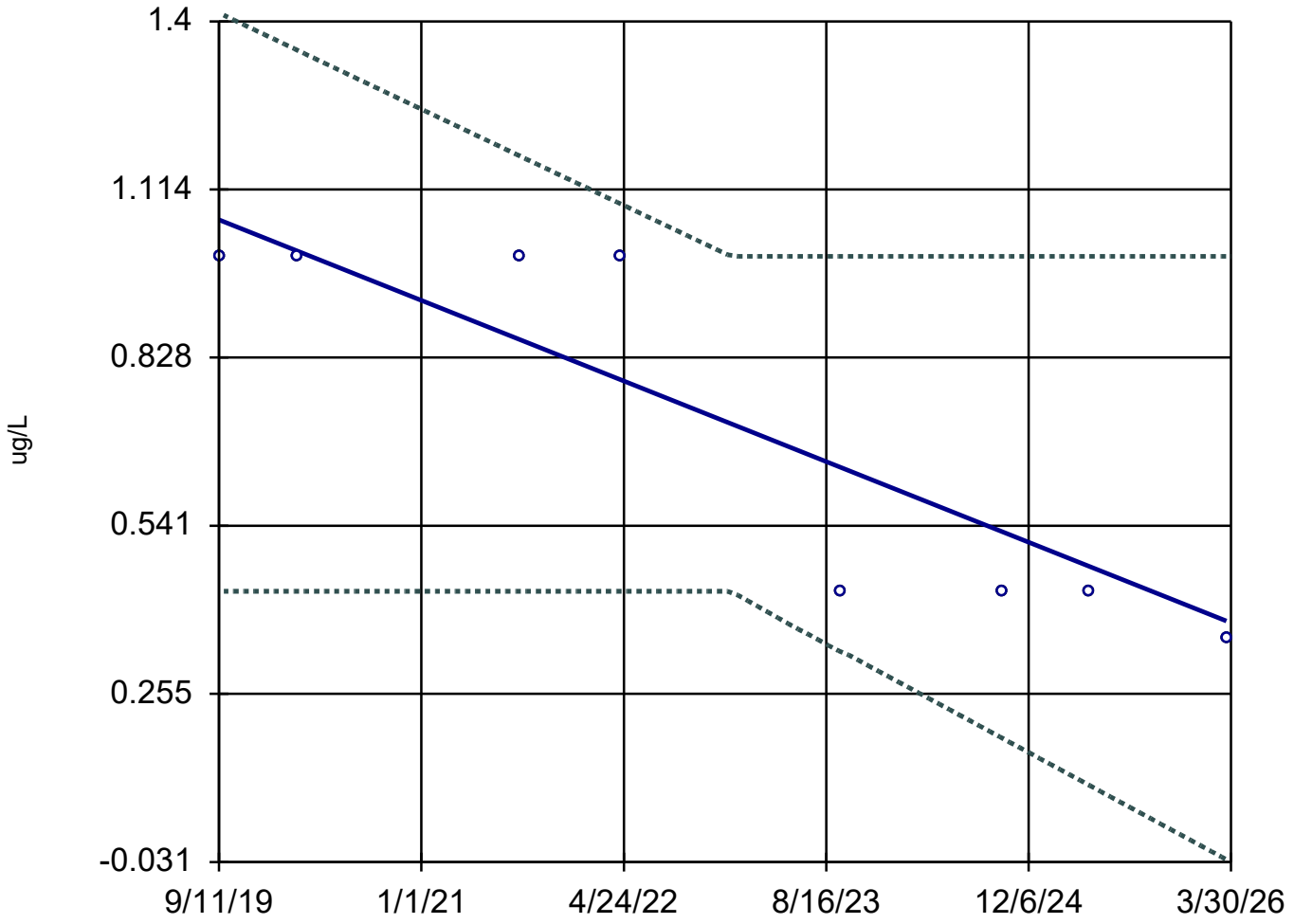
Constituent: Trichloroethene Analysis Run 8/19/2026 12:22 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-58



n = 8

Slope = -0.1047 units per year.

Mann-Kendall statistic = -19
critical = -17

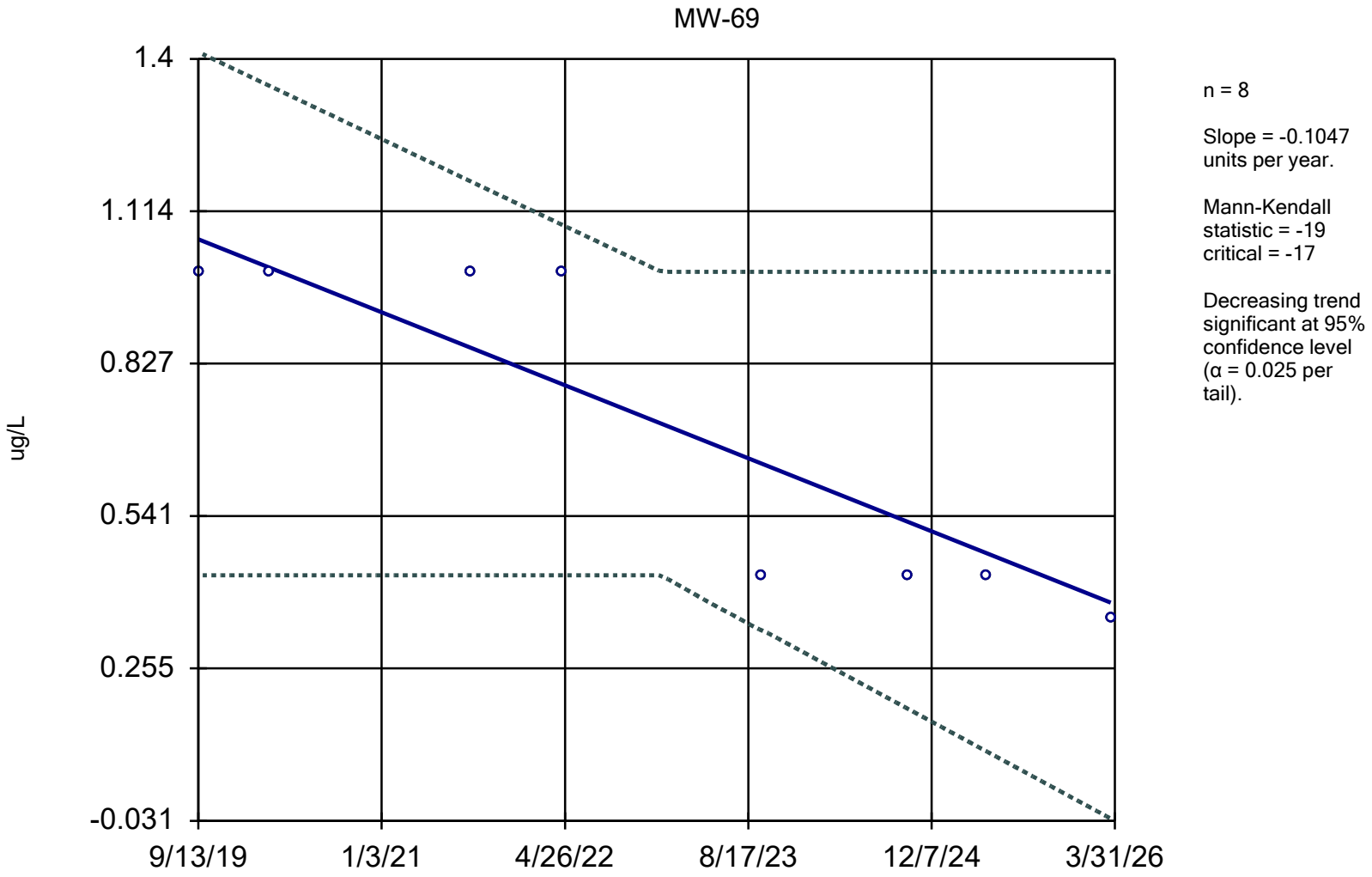
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Trichloroethene Analysis Run 8/19/2026 12:22 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



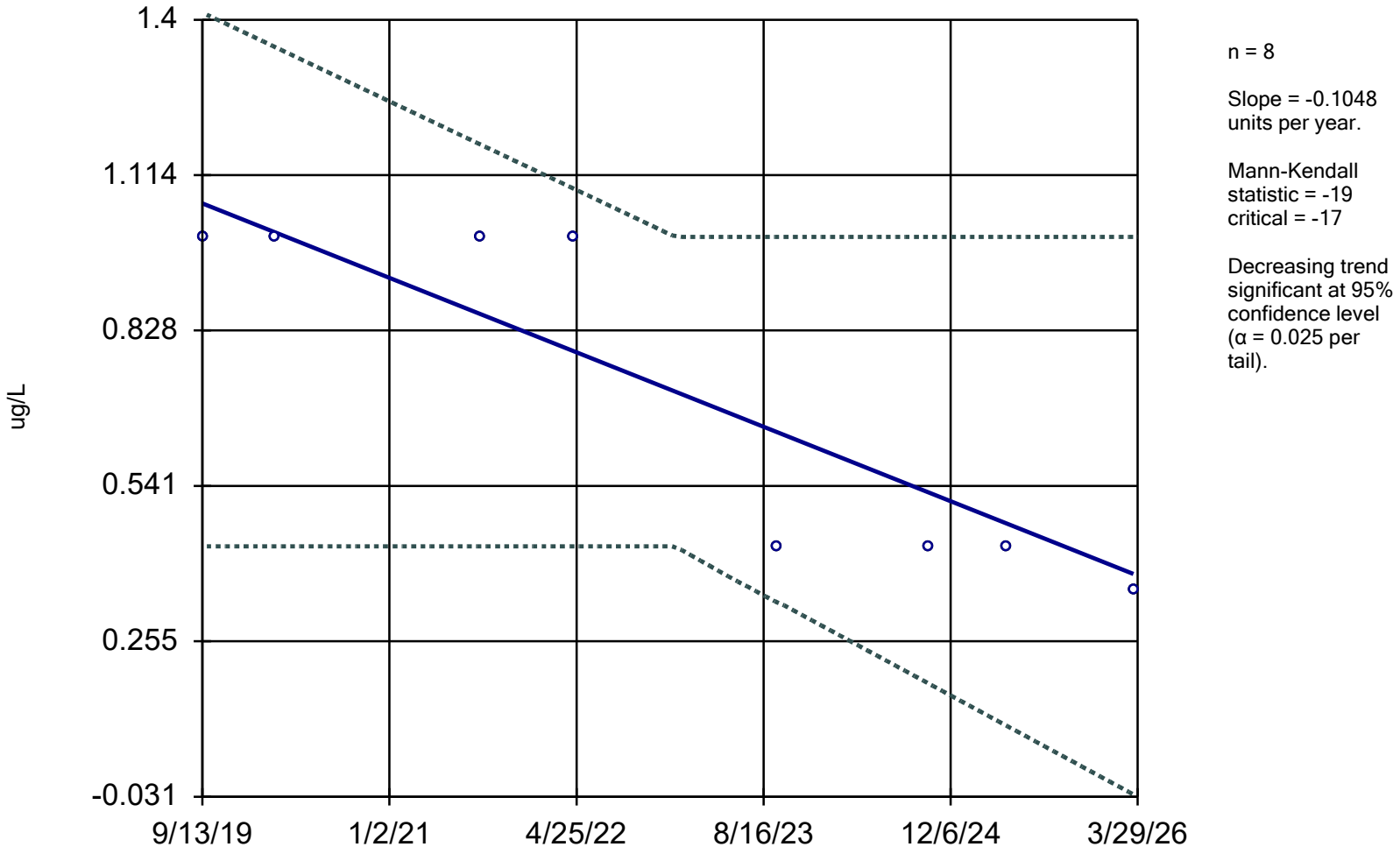
Constituent: Trichloroethene Analysis Run 8/19/2026 12:22 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-70



n = 8

Slope = -0.1048 units per year.

Mann-Kendall statistic = -19
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

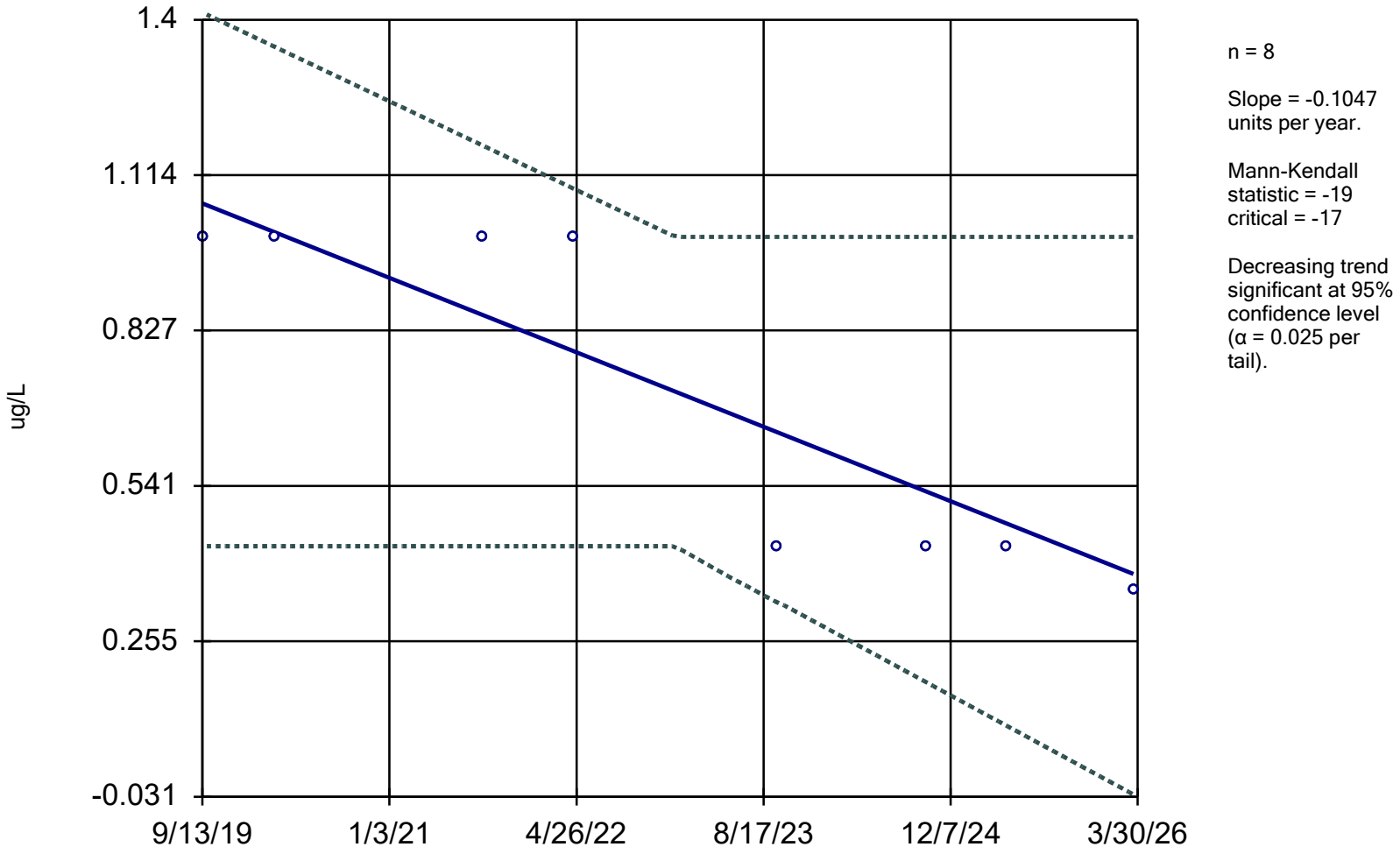
Constituent: Trichloroethene Analysis Run 8/19/2026 12:22 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

PZ-13



n = 8

Slope = -0.1047 units per year.

Mann-Kendall statistic = -19
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Trichloroethene Analysis Run 8/19/2026 12:22 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 12:50 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,1-Dichloroethane (ug/L)	GU-3A	-0.1049	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	**MW-14R**	**1.036**	**23**	**17**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethane (ug/L)	MW-18	-0.1184	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-19	-0.1184	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-23 (bg)	-0.1185	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-24R (bg)	-0.1185	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-28	-0.1184	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-29	-0.2077	-14	-17	No	8	0	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-30R	-0.24	-10	-17	No	8	0	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-31R	-0.05407	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-32R	-0.05406	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-33R	-0.1155	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-39	-0.0877	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-55	-0.1261	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-56	-0.09684	-14	-17	No	8	87.5	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-58	-0.04229	-8	-17	No	8	75	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-68	0.008764	1	12	No	6	16.67	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-69	-0.01199	-1	-12	No	6	0	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-70	-0.1315	-5	-12	No	6	100	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	PZ-13	-0.1315	-7	-12	No	6	83.33	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-57R	0.02847	5	17	No	8	37.5	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-73	0	-1	-17	No	8	100	n/a	n/a	0.05	NP
1,1-Dichloroethene (ug/L)	**GU-3A**	**-0.2121**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-14R**	**-0.2559**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-18**	**-0.2541**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-19**	**-0.2542**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-23 (bg)**	**-0.2541**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-24R (bg)**	**-0.254**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-28**	**-0.2542**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-29**	**-0.2559**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-30R**	**-0.2559**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	MW-31R	-0.1483	-17	-17	No	8	100	n/a	n/a	0.05	NP
1,1-Dichloroethene (ug/L)	MW-32R	-0.1483	-17	-17	No	8	100	n/a	n/a	0.05	NP
1,1-Dichloroethene (ug/L)	**MW-33R**	**-0.2558**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-39**	**-0.1801**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-55**	**-0.2946**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-56**	**-0.2547**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-58**	**-0.256**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-68**	**-0.2122**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-69**	**-0.256**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-70**	**-0.2562**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**PZ-13**	**-0.256**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	MW-57R	0	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,1-Dichloroethene (ug/L)	MW-73	0	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	GU-3A	-0.02125	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-14R	-0.02118	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-18	-0.02256	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-19	-0.02255	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-23 (bg)	-0.02258	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-24R (bg)	-0.02257	-13	-17	No	8	100	n/a	n/a	0.05	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 12:50 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,2-Dichloroethane (ug/L)	MW-28	-0.02255	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-29	-0.0009358	-8	-17	No	8	87.5	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-30R	-0.02119	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-31R	-0.01069	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-32R	-0.01069	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-33R	-0.02117	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-39	-0.0203	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-55	-0.02312	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-56	-0.02255	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-58	-0.0212	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-68	-0.0212	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-69	-0.02118	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-70	-0.02122	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	PZ-13	-0.02121	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-57R	0	-1	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-73	0	-1	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	GU-3A	-0.1031	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-14R	-0.0286	-4	-17	No	8	62.5	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-18	-0.116	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-19	-0.116	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-23 (bg)	-0.1161	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-24R (bg)	-0.116	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-28	-0.116	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-29	-0.04683	-12	-17	No	8	0	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-30R	-0.002392	-7	-17	No	8	62.5	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-31R	-0.05587	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-32R	-0.05586	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-33R	-0.1163	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-39	-0.08604	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-55	-0.1303	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-56	-0.1161	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-58	-0.1164	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-68	-0.01518	-4	-12	No	6	83.33	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-69	0.0442	5	12	No	6	16.67	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-70	-0.1359	-5	-12	No	6	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	PZ-13	-0.1359	-5	-12	No	6	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-57R	0	-2	-17	No	8	75	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-73	0	-1	-17	No	8	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	GU-3A	-0.09675	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-14R	-0.09819	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-18	-0.1046	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-19	-0.1046	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-23 (bg)	-0.1047	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-24R (bg)	-0.1047	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-28	-0.1046	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-29	0.341	6	17	No	8	0	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-30R	-0.09822	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-31R	-0.04596	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-32R	-0.04595	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-33R	-0.09817	-13	-17	No	8	100	n/a	n/a	0.05	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 12:50 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,4-Dichlorobenzene (ug/L)	MW-39	-0.08101	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-55	-0.1072	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-56	-0.1046	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-58	-0.09828	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-68	-0.1117	-5	-12	No	6	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-69	-0.1116	-5	-12	No	6	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-70	-0.1118	-5	-12	No	6	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	PZ-13	-0.1118	-5	-12	No	6	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-57R	0	-1	-17	No	8	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-73	0	-1	-17	No	8	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	GU-3A	0	-2	-17	No	8	87.5	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-14R	-1.25	-13	-17	No	8	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-18	-1.246	-13	-17	No	8	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-19	-1.245	-13	-17	No	8	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-23 (bg)	-1.246	-13	-17	No	8	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-24R (bg)	-1.246	-13	-17	No	8	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-28	-1.245	-13	-17	No	8	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-29	-1.25	-13	-17	No	8	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-30R	-1.25	-13	-17	No	8	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-31R	-0.5948	-13	-17	No	8	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-32R	-0.5946	-13	-17	No	8	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-33R	-1.25	-13	-17	No	8	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-39	-0.9237	-13	-17	No	8	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-55	-1.387	-13	-17	No	8	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-56	-0.8975	-12	-17	No	8	87.5	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-58	-1.25	-13	-17	No	8	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-68	-1.446	-5	-12	No	6	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-69	-1.444	-5	-12	No	6	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-70	-1.447	-5	-12	No	6	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	PZ-13	-1.447	-5	-12	No	6	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-57R	0	-1	-17	No	8	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-73	0	-1	-17	No	8	100	n/a	n/a	0.05	NP
4,4`-DDD (ug/L)	MW-14R	-0.0009637	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-18	-0.00134	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-19	-0.002051	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-28	-0.00131	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-29	0.002243	6	17	No	8	62.5	n/a	n/a	0.05	NP
4,4`-DDD (ug/L)	MW-30R	-0.001209	-6	-8	No	4	100	n/a	n/a	0.05	NP
4,4`-DDD (ug/L)	MW-31R	-0.001146	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-32R	-0.0008839	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-33R	-0.001652	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-39	-0.0008372	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-55	-0.001242	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-56	-0.001157	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-58	-0.001087	-7	-12	No	6	100	n/a	n/a	0.05	NP
4,4`-DDD (ug/L)	MW-57R	0.001239	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-14R	-0.0005072	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-18	-0.0007345	-2	-8	No	4	75	n/a	n/a	0.05	NP
4,4`-DDE (ug/L)	MW-19	-0.001584	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-28	-0.0008529	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 12:50 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
4,4`-DDE (ug/L)	MW-29	0.002465	5	15	No	7	71.43	n/a	n/a	0.05	NP
4,4`-DDE (ug/L)	MW-30R	-0.0008531	-4	-8	No	4	100	n/a	n/a	0.05	NP
4,4`-DDE (ug/L)	MW-31R	-0.0007397	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-32R	-0.00046	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-33R	-0.001194	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-39	-0.0004574	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-55	0.002385	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-56	-0.0007107	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-58	-0.0006364	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-57R	0.001577	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Acetone (ug/L)	GU-3A	-0.4648	-13	-17	No	8	50	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-14R	-1.128	-13	-17	No	8	100	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-18	-1.126	-13	-17	No	8	100	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-19	-1.126	-13	-17	No	8	100	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-23 (bg)	-0.1966	-10	-17	No	8	75	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-24R (bg)	-1.127	-13	-17	No	8	100	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-28	-1.126	-13	-17	No	8	100	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-29	-0.6568	-9	-17	No	8	62.5	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-30R	-1.128	-13	-17	No	8	100	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-31R	-0.2946	-8	-17	No	8	75	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-32R	-0.5586	-13	-17	No	8	87.5	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-33R	-1.128	-13	-17	No	8	100	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-39	-0.8363	-13	-17	No	8	100	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-55	-1.301	-13	-17	No	8	100	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-56	-2.452	-16	-17	No	8	75	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-58	-1.052	-13	-17	No	8	87.5	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-68	-1.358	-5	-12	No	6	100	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-69	-1.357	-5	-12	No	6	100	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-70	-1.359	-5	-12	No	6	100	n/a	n/a	0.05	NP
Acetone (ug/L)	PZ-13	-1.359	-5	-12	No	6	100	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-57R	0	-6	-17	No	8	87.5	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-73	0	-1	-17	No	8	100	n/a	n/a	0.05	NP
Aldrin (ug/L)	MW-14R	-0.001238	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-18	0.001814	1	15	No	7	57.14	n/a	n/a	0.05	NP
Aldrin (ug/L)	MW-19	-0.002325	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-28	-0.001594	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-29	0.0002524	5	17	No	8	62.5	n/a	n/a	0.05	NP
Aldrin (ug/L)	MW-30R	-0.001012	-6	-8	No	4	100	n/a	n/a	0.05	NP
Aldrin (ug/L)	MW-31R	-0.001389	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-32R	-0.001136	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-33R	-0.001921	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-39	-0.00107	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-55	-0.001509	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-56	-0.001421	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-58	-0.001351	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-57R	0.001127	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-14R	-0.002333	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-18	0.0004496	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-19	-0.003451	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-28	-0.002694	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 12:50 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Alpha-BHC (ug/L)	MW-29	0.00009107	0	17	No	8	62.5	n/a	n/a	0.05	NP
Alpha-BHC (ug/L)	MW-30R	-0.001655	-6	-8	No	4	100	n/a	n/a	0.05	NP
Alpha-BHC (ug/L)	MW-31R	-0.002364	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-32R	-0.002139	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-33R	-0.003019	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-39	-0.001993	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-55	-0.002579	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-56	-0.002493	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-58	0.001328	9	15	No	7	57.14	n/a	n/a	0.05	NP
Alpha-BHC (ug/L)	MW-57R	0.0004957	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Alpha-Chlordane (ug/L)	MW-29	0	-3	-15	No	7	71.43	n/a	n/a	0.05	NP
Ammonia as N (mg/L)	**SW-101**	**-0.05627**	**-22**	**-17**	**Yes**	**8**	**75**	**n/a**	**n/a**	**0.05**	**NP**
Ammonia as N (mg/L)	SW-102	-0.02212	-13	-17	No	8	87.5	n/a	n/a	0.05	NP
Ammonia as N (mg/L)	SW-103	-0.05428	-14	-17	No	8	75	n/a	n/a	0.05	NP
Ammonia as N (mg/L)	SW-104	-0.005021	-4	-12	No	6	83.33	n/a	n/a	0.05	NP
Ammonia as N (mg/L)	SW-105	-0.05087	-10	-12	No	6	66.67	n/a	n/a	0.05	NP
Ammonia as N (mg/L)	**SW-106**	**-0.05627**	**-21**	**-17**	**Yes**	**8**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
Ammonia as N (mg/L)	**SW-107**	**-0.05627**	**-20**	**-17**	**Yes**	**8**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
Antimony (mg/L)	GU-3A	-0.0002214	-13	-17	No	8	87.5	n/a	n/a	0.05	NP
Antimony (mg/L)	MW-14R	0	-4	-17	No	8	100	n/a	n/a	0.05	NP
Antimony (mg/L)	MW-18	0	-4	-17	No	8	100	n/a	n/a	0.05	NP
Antimony (mg/L)	MW-19	0	-4	-17	No	8	100	n/a	n/a	0.05	NP
Antimony (mg/L)	MW-23 (bg)	0	-4	-17	No	8	100	n/a	n/a	0.05	NP
Antimony (mg/L)	MW-24R (bg)	0	-4	-17	No	8	100	n/a	n/a	0.05	NP
Antimony (mg/L)	MW-28	0	-4	-17	No	8	100	n/a	n/a	0.05	NP
Antimony (mg/L)	MW-29	0	-4	-17	No	8	100	n/a	n/a	0.05	NP
Antimony (mg/L)	MW-30R	0	-4	-17	No	8	100	n/a	n/a	0.05	NP
Antimony (mg/L)	MW-31R	0	-4	-17	No	8	100	n/a	n/a	0.05	NP
Antimony (mg/L)	MW-32R	0	-4	-17	No	8	100	n/a	n/a	0.05	NP
Antimony (mg/L)	MW-33R	0	-4	-17	No	8	100	n/a	n/a	0.05	NP
Antimony (mg/L)	MW-39	0	-4	-17	No	8	100	n/a	n/a	0.05	NP
Antimony (mg/L)	MW-55	0	-4	-17	No	8	100	n/a	n/a	0.05	NP
Antimony (mg/L)	MW-56	-0.0002443	-13	-17	No	8	100	n/a	n/a	0.05	NP
Antimony (mg/L)	MW-58	0	-4	-17	No	8	100	n/a	n/a	0.05	NP
Antimony (mg/L)	MW-57R	0	3	17	No	8	100	n/a	n/a	0.05	NP
Antimony (mg/L)	MW-73	0	-3	-17	No	8	87.5	n/a	n/a	0.05	NP
Arsenic (mg/L)	**GU-3A**	**-0.0005733**	**-18**	**-17**	**Yes**	**8**	**12.5**	**n/a**	**n/a**	**0.05**	**NP**
Arsenic (mg/L)	**MW-14R**	**0.003098**	**22**	**17**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Arsenic (mg/L)	MW-18	-0.00006158	-8	-17	No	8	62.5	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-19	-0.0002531	-16	-17	No	8	100	n/a	n/a	0.05	NP
Arsenic (mg/L)	**MW-23 (bg)**	**-0.0002533**	**-19**	**-17**	**Yes**	**8**	**75**	**n/a**	**n/a**	**0.05**	**NP**
Arsenic (mg/L)	MW-24R (bg)	-0.0002533	-16	-17	No	8	100	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-28	0.00003693	2	17	No	8	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	**MW-29**	**0.001229**	**22**	**17**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Arsenic (mg/L)	MW-30R	0.000381	6	17	No	8	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-31R	0.001034	4	17	No	8	12.5	n/a	n/a	0.05	NP
Arsenic (mg/L)	**MW-32R**	**-0.0002277**	**-19**	**-17**	**Yes**	**8**	**50**	**n/a**	**n/a**	**0.05**	**NP**
Arsenic (mg/L)	MW-33R	-0.0001534	-7	-17	No	8	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-39	-0.00009858	-13	-17	No	8	50	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-55	-0.0002912	-16	-17	No	8	100	n/a	n/a	0.05	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 12:50 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Arsenic (mg/L)	MW-56	-0.0003149	-2	-17	No	8	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-58	0.0008109	4	17	No	8	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-60	-0.0002528	-16	-17	No	8	100	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-62	-0.0001092	-14	-17	No	8	25	n/a	n/a	0.05	NP
Arsenic (mg/L)	PZ-13	-0.000007529	-2	-17	No	8	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	SW-101	-0.0003934	-9	-17	No	8	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	SW-102	-0.0004014	-8	-17	No	8	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	SW-103	-0.0001981	-11	-17	No	8	25	n/a	n/a	0.05	NP
Arsenic (mg/L)	SW-106	-0.0002086	-8	-17	No	8	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	SW-107	-0.0002784	-4	-17	No	8	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-57R	0.00003978	0	17	No	8	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-73	-0.0001168	-3	-17	No	8	0	n/a	n/a	0.05	NP
Barium (mg/L)	GU-3A	-0.009153	-14	-17	No	8	0	n/a	n/a	0.05	NP
Barium (mg/L)	**MW-14R**	**0.03798**	**22**	**17**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Barium (mg/L)	MW-18	-0.002761	-16	-17	No	8	0	n/a	n/a	0.05	NP
Barium (mg/L)	MW-19	-0.0004983	-12	-17	No	8	0	n/a	n/a	0.05	NP
Barium (mg/L)	MW-23 (bg)	-0.005571	-6	-17	No	8	0	n/a	n/a	0.05	NP
Barium (mg/L)	**MW-24R (bg)**	**-0.02172**	**-18**	**-17**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Barium (mg/L)	MW-28	-0.001035	-8	-17	No	8	0	n/a	n/a	0.05	NP
Barium (mg/L)	**MW-29**	**-0.1038**	**-22**	**-17**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Barium (mg/L)	MW-30R	-0.002423	-4	-17	No	8	0	n/a	n/a	0.05	NP
Barium (mg/L)	MW-31R	0.02866	6	17	No	8	0	n/a	n/a	0.05	NP
Barium (mg/L)	MW-32R	0.0002635	2	17	No	8	0	n/a	n/a	0.05	NP
Barium (mg/L)	MW-33R	-0.02387	-15	-17	No	8	0	n/a	n/a	0.05	NP
Barium (mg/L)	MW-39	0.00408	14	17	No	8	0	n/a	n/a	0.05	NP
Barium (mg/L)	MW-55	0.003831	12	17	No	8	0	n/a	n/a	0.05	NP
Barium (mg/L)	MW-56	-0.0128	0	17	No	8	0	n/a	n/a	0.05	NP
Barium (mg/L)	MW-58	-0.003219	-2	-17	No	8	0	n/a	n/a	0.05	NP
Barium (mg/L)	MW-57R	-0.06463	-6	-17	No	8	0	n/a	n/a	0.05	NP
Barium (mg/L)	MW-73	-0.01268	-6	-17	No	8	0	n/a	n/a	0.05	NP
Benzene (ug/L)	GU-3A	-0.04124	-16	-17	No	8	100	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-14R	-0.04813	-16	-17	No	8	100	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-18	-0.04822	-16	-17	No	8	100	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-19	-0.0482	-16	-17	No	8	100	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-23 (bg)	-0.04825	-16	-17	No	8	100	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-24R (bg)	-0.04824	-16	-17	No	8	100	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-28	-0.0482	-16	-17	No	8	100	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-29	0.1245	9	17	No	8	0	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-30R	-0.03532	-10	-17	No	8	12.5	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-31R	0	-7	-17	No	8	87.5	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-32R	-0.02523	-15	-17	No	8	100	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-33R	-0.04812	-16	-17	No	8	100	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-39	-0.03501	-16	-17	No	8	100	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-55	-0.06098	-17	-17	No	8	87.5	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-56	-0.04402	-5	-17	No	8	37.5	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-58	-0.1294	-4	-17	No	8	0	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-68	0.7821	9	12	No	6	0	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-69	-0.09456	-5	-12	No	6	16.67	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-70	-0.04819	-16	-17	No	8	100	n/a	n/a	0.05	NP
Benzene (ug/L)	PZ-13	-0.06138	-8	-12	No	6	100	n/a	n/a	0.05	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 12:50 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Benzene (ug/L)	MW-57R	-0.9918	-10	-17	No	8	12.5	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-73	0	-7	-17	No	8	100	n/a	n/a	0.05	NP
Beryllium (mg/L)	**GU-3A**	**-0.0001772**	**-19**	**-17**	**Yes**	**8**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
Beryllium (mg/L)	MW-14R	-0.00008906	-16	-17	No	8	100	n/a	n/a	0.05	NP
Beryllium (mg/L)	MW-18	-0.0001154	-16	-17	No	8	100	n/a	n/a	0.05	NP
Beryllium (mg/L)	MW-19	-0.0001153	-16	-17	No	8	100	n/a	n/a	0.05	NP
Beryllium (mg/L)	MW-23 (bg)	-0.00008378	-16	-17	No	8	100	n/a	n/a	0.05	NP
Beryllium (mg/L)	MW-24R (bg)	-0.00008376	-16	-17	No	8	100	n/a	n/a	0.05	NP
Beryllium (mg/L)	MW-28	-0.0001153	-16	-17	No	8	100	n/a	n/a	0.05	NP
Beryllium (mg/L)	MW-29	-0.0000891	-17	-17	No	8	87.5	n/a	n/a	0.05	NP
Beryllium (mg/L)	MW-30R	-0.00001343	-13	-17	No	8	87.5	n/a	n/a	0.05	NP
Beryllium (mg/L)	MW-31R	-0.00008497	-16	-17	No	8	100	n/a	n/a	0.05	NP
Beryllium (mg/L)	MW-32R	-0.00008495	-16	-17	No	8	100	n/a	n/a	0.05	NP
Beryllium (mg/L)	MW-33R	-0.0001151	-16	-17	No	8	100	n/a	n/a	0.05	NP
Beryllium (mg/L)	MW-39	-0.00008378	-16	-17	No	8	100	n/a	n/a	0.05	NP
Beryllium (mg/L)	MW-55	-0.0001327	-16	-17	No	8	100	n/a	n/a	0.05	NP
Beryllium (mg/L)	MW-56	-0.0001154	-16	-17	No	8	100	n/a	n/a	0.05	NP
Beryllium (mg/L)	MW-58	-0.00008913	-16	-17	No	8	100	n/a	n/a	0.05	NP
Beryllium (mg/L)	MW-57R	0	3	17	No	8	100	n/a	n/a	0.05	NP
Beryllium (mg/L)	MW-73	0	-7	-17	No	8	100	n/a	n/a	0.05	NP
Beta-BHC (ug/L)	MW-14R	0.0005884	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-18	0.0001845	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-19	-0.0004569	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-28	0.0002538	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	**MW-29**	**0.003387**	**18**	**17**	**Yes**	**8**	**62.5**	**n/a**	**n/a**	**0.05**	**NP**
Beta-BHC (ug/L)	MW-30R	0.000367	4	8	No	4	100	n/a	n/a	0.05	NP
Beta-BHC (ug/L)	MW-31R	0.0002346	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-32R	0.0005411	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-33R	-0.00009951	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-39	0.0004661	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-55	0.0002761	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-56	0.00295	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-58	0.0006303	4	8	No	4	100	n/a	n/a	0.05	NP
Beta-BHC (ug/L)	MW-57R	0.00214	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Cadmium (mg/L)	GU-3A	0	-5	-17	No	8	87.5	n/a	n/a	0.05	NP
Cadmium (mg/L)	MW-14R	0	1	17	No	8	75	n/a	n/a	0.05	NP
Cadmium (mg/L)	MW-18	0	-5	-17	No	8	75	n/a	n/a	0.05	NP
Cadmium (mg/L)	MW-19	0	2	17	No	8	75	n/a	n/a	0.05	NP
Cadmium (mg/L)	MW-23 (bg)	-0.000006376	-12	-17	No	8	75	n/a	n/a	0.05	NP
Cadmium (mg/L)	MW-24R (bg)	0	-7	-17	No	8	100	n/a	n/a	0.05	NP
Cadmium (mg/L)	MW-28	-0.000006212	-14	-17	No	8	62.5	n/a	n/a	0.05	NP
Cadmium (mg/L)	MW-29	0	0	17	No	8	100	n/a	n/a	0.05	NP
Cadmium (mg/L)	MW-30R	0	0	17	No	8	100	n/a	n/a	0.05	NP
Cadmium (mg/L)	MW-31R	0	3	17	No	8	87.5	n/a	n/a	0.05	NP
Cadmium (mg/L)	MW-32R	0	0	17	No	8	62.5	n/a	n/a	0.05	NP
Cadmium (mg/L)	**MW-33R**	**-0.00007278**	**-24**	**-17**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Cadmium (mg/L)	MW-39	-0.000005555	-9	-17	No	8	37.5	n/a	n/a	0.05	NP
Cadmium (mg/L)	MW-55	0	0	17	No	8	100	n/a	n/a	0.05	NP
Cadmium (mg/L)	MW-56	0	2	17	No	8	62.5	n/a	n/a	0.05	NP
Cadmium (mg/L)	MW-58	0	0	17	No	8	100	n/a	n/a	0.05	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 12:50 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Cadmium (mg/L)	MW-57R	-0.00007101	-2	-17	No	8	0	n/a	n/a	0.05	NP
Cadmium (mg/L)	**MW-73**	**-0.00007441**	**-22**	**-17**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Carbon Disulfide (ug/L)	GU-3A	-0.081	-16	-17	No	8	100	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-14R	-0.09455	-16	-17	No	8	100	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-18	-0.09471	-16	-17	No	8	100	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-19	-0.09469	-16	-17	No	8	100	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-23 (bg)	-0.09478	-16	-17	No	8	100	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-24R (bg)	-0.09476	-16	-17	No	8	100	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-28	-0.09469	-16	-17	No	8	100	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-29	-0.09455	-16	-17	No	8	100	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-30R	-0.09455	-16	-17	No	8	100	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-31R	-0.04957	-15	-17	No	8	100	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-32R	-0.04955	-15	-17	No	8	100	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-33R	-0.09453	-16	-17	No	8	100	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-39	-0.06877	-16	-17	No	8	100	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-55	-0.01829	-13	-17	No	8	87.5	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-56	-0.00912	-15	-17	No	8	87.5	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-58	-0.09459	-16	-17	No	8	100	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-68	-0.1205	-8	-12	No	6	100	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-69	-0.1204	-8	-12	No	6	100	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-70	-0.1206	-8	-12	No	6	100	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	PZ-13	-0.1206	-8	-12	No	6	100	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-57R	0	-7	-17	No	8	100	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-73	0	-7	-17	No	8	100	n/a	n/a	0.05	NP
Chemical Oxygen Demand (mg/L)	SW-101	-0.09908	-1	-17	No	8	37.5	n/a	n/a	0.05	NP
Chemical Oxygen Demand (mg/L)	SW-102	-2.475	-8	-17	No	8	12.5	n/a	n/a	0.05	NP
Chemical Oxygen Demand (mg/L)	SW-103	-0.3732	-3	-17	No	8	37.5	n/a	n/a	0.05	NP
Chemical Oxygen Demand (mg/L)	**SW-104**	**-6.825**	**-14**	**-12**	**Yes**	**6**	**66.67**	**n/a**	**n/a**	**0.05**	**NP**
Chemical Oxygen Demand (mg/L)	SW-105	-0.2186	-1	-12	No	6	0	n/a	n/a	0.05	NP
Chemical Oxygen Demand (mg/L)	SW-106	-0.2405	-2	-17	No	8	37.5	n/a	n/a	0.05	NP
Chemical Oxygen Demand (mg/L)	SW-107	-0.09908	-1	-17	No	8	50	n/a	n/a	0.05	NP
Chloride (mg/L)	SW-101	-1.46	-10	-17	No	8	0	n/a	n/a	0.05	NP
Chloride (mg/L)	SW-102	-0.6936	-3	-15	No	7	0	n/a	n/a	0.05	NP
Chloride (mg/L)	**SW-103**	**-1.673**	**-20**	**-17**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Chloride (mg/L)	SW-104	0.04624	1	12	No	6	0	n/a	n/a	0.05	NP
Chloride (mg/L)	SW-105	-5.342	-5	-12	No	6	0	n/a	n/a	0.05	NP
Chloride (mg/L)	SW-106	-1.953	-12	-17	No	8	0	n/a	n/a	0.05	NP
Chloride (mg/L)	SW-107	0.137	2	17	No	8	0	n/a	n/a	0.05	NP
Chlorobenzene (ug/L)	**GU-3A**	**-0.08836**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chlorobenzene (ug/L)	**MW-14R**	**-0.1073**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chlorobenzene (ug/L)	**MW-18**	**-0.1059**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chlorobenzene (ug/L)	**MW-19**	**-0.1059**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chlorobenzene (ug/L)	**MW-23 (bg)**	**-0.1059**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chlorobenzene (ug/L)	**MW-24R (bg)**	**-0.1058**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chlorobenzene (ug/L)	**MW-28**	**-0.1059**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chlorobenzene (ug/L)	MW-29	0.6564	7	17	No	8	0	n/a	n/a	0.05	NP
Chlorobenzene (ug/L)	**MW-30R**	**-0.1073**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chlorobenzene (ug/L)	MW-31R	-0.05658	-17	-17	No	8	100	n/a	n/a	0.05	NP
Chlorobenzene (ug/L)	MW-32R	-0.05657	-17	-17	No	8	100	n/a	n/a	0.05	NP
Chlorobenzene (ug/L)	**MW-33R**	**-0.1073**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 12:50 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chlorobenzene (ug/L)	**MW-39**	**-0.07503**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chlorobenzene (ug/L)	**MW-55**	**-0.1235**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chlorobenzene (ug/L)	**MW-56**	**-0.1061**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chlorobenzene (ug/L)	MW-58	-0.4608	-12	-17	No	8	0	n/a	n/a	0.05	NP
Chlorobenzene (ug/L)	MW-68	-0.1424	-11	-12	No	6	100	n/a	n/a	0.05	NP
Chlorobenzene (ug/L)	MW-69	-0.1422	-11	-12	No	6	100	n/a	n/a	0.05	NP
Chlorobenzene (ug/L)	MW-70	-0.1425	-11	-12	No	6	100	n/a	n/a	0.05	NP
Chlorobenzene (ug/L)	PZ-13	-0.1425	-11	-12	No	6	100	n/a	n/a	0.05	NP
Chlorobenzene (ug/L)	MW-57R	-0.007473	-10	-17	No	8	87.5	n/a	n/a	0.05	NP
Chlorobenzene (ug/L)	MW-73	0	-13	-17	No	8	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	GU-3A	-0.4727	-13	-17	No	8	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-14R	-0.5427	-13	-17	No	8	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-18	-0.5431	-13	-17	No	8	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-19	-0.5429	-13	-17	No	8	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-23 (bg)	-0.5434	-13	-17	No	8	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-24R (bg)	-0.5433	-13	-17	No	8	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-28	-0.5429	-13	-17	No	8	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-29	-0.04633	-12	-17	No	8	75	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-30R	-0.5427	-13	-17	No	8	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-31R	-0.2794	-13	-17	No	8	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-32R	-0.2793	-13	-17	No	8	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-33R	-0.5425	-13	-17	No	8	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-39	-0.4014	-13	-17	No	8	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-55	-0.6256	-13	-17	No	8	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-56	-0.257	-12	-17	No	8	87.5	n/a	n/a	0.05	NP
Chloroethane (ug/L)	**MW-58**	**-0.3081**	**-18**	**-17**	**Yes**	**8**	**12.5**	**n/a**	**n/a**	**0.05**	**NP**
Chloroethane (ug/L)	MW-68	-0.6792	-5	-12	No	6	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-69	-0.6784	-5	-12	No	6	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-70	-0.6796	-5	-12	No	6	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	PZ-13	-0.6796	-5	-12	No	6	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-57R	0	-1	-17	No	8	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-73	0	-1	-17	No	8	100	n/a	n/a	0.05	NP
Chromium (mg/L)	GU-3A	-0.0002457	-12	-17	No	8	75	n/a	n/a	0.05	NP
Chromium (mg/L)	MW-14R	-0.0004501	-11	-17	No	8	100	n/a	n/a	0.05	NP
Chromium (mg/L)	MW-18	-0.000551	-11	-17	No	8	100	n/a	n/a	0.05	NP
Chromium (mg/L)	MW-19	-0.0005509	-11	-17	No	8	100	n/a	n/a	0.05	NP
Chromium (mg/L)	MW-23 (bg)	-0.00041	-11	-17	No	8	100	n/a	n/a	0.05	NP
Chromium (mg/L)	MW-24R (bg)	-0.0003906	-11	-17	No	8	100	n/a	n/a	0.05	NP
Chromium (mg/L)	MW-28	-0.0005509	-11	-17	No	8	100	n/a	n/a	0.05	NP
Chromium (mg/L)	MW-29	-0.0001888	-6	-17	No	8	87.5	n/a	n/a	0.05	NP
Chromium (mg/L)	MW-30R	0	-2	-17	No	8	87.5	n/a	n/a	0.05	NP
Chromium (mg/L)	MW-31R	-0.0004058	-11	-17	No	8	100	n/a	n/a	0.05	NP
Chromium (mg/L)	MW-32R	-0.0001268	-10	-17	No	8	87.5	n/a	n/a	0.05	NP
Chromium (mg/L)	MW-33R	-0.00055	-11	-17	No	8	100	n/a	n/a	0.05	NP
Chromium (mg/L)	MW-39	-0.0004098	-11	-17	No	8	100	n/a	n/a	0.05	NP
Chromium (mg/L)	MW-55	-0.0006339	-11	-17	No	8	100	n/a	n/a	0.05	NP
Chromium (mg/L)	MW-56	-0.0005514	-11	-17	No	8	100	n/a	n/a	0.05	NP
Chromium (mg/L)	MW-58	-0.0004503	-11	-17	No	8	100	n/a	n/a	0.05	NP
Chromium (mg/L)	MW-57R	0.00006257	8	17	No	8	75	n/a	n/a	0.05	NP
Chromium (mg/L)	MW-73	0.00007441	10	17	No	8	87.5	n/a	n/a	0.05	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 12:50 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
cis-1,2-Dichloroethene (ug/L)	GU-3A	-0.08693	-13	-17	No	8	100	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	**MW-14R**	**6.724**	**26**	**17**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.05**	**NP**
cis-1,2-Dichloroethene (ug/L)	MW-18	-0.09227	-13	-17	No	8	100	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-19	-0.09226	-13	-17	No	8	100	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-23 (bg)	-0.09238	-13	-17	No	8	100	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-24R (bg)	-0.09235	-13	-17	No	8	100	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-28	-0.09226	-13	-17	No	8	100	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	**MW-29**	**-0.7847**	**-18**	**-17**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.05**	**NP**
cis-1,2-Dichloroethene (ug/L)	MW-30R	-5.001	-12	-17	No	8	0	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-31R	-0.0458	-14	-17	No	8	87.5	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-32R	-0.04371	-13	-17	No	8	100	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-33R	-0.08662	-13	-17	No	8	100	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-39	-0.07815	-13	-17	No	8	100	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-55	-0.09459	-13	-17	No	8	100	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-56	-0.09226	-13	-17	No	8	100	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-58	-0.08671	-13	-17	No	8	100	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-68	-0.1055	-12	-17	No	8	0	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-69	-0.9774	-16	-17	No	8	0	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-70	-0.08679	-13	-17	No	8	100	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	PZ-13	-0.04421	-9	-17	No	8	50	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-57R	0.5247	6	17	No	8	12.5	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-73	0	-1	-17	No	8	100	n/a	n/a	0.05	NP
Cobalt (mg/L)	GU-3A	0.0004949	12	17	No	8	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-14R	-0.000009333	-3	-17	No	8	37.5	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-18	-0.00003306	-4	-17	No	8	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-19	0	-5	-17	No	8	87.5	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-23 (bg)	0.00002186	2	17	No	8	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-24R (bg)	-0.00005685	-16	-17	No	8	100	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-28	-5.3e-7	-2	-17	No	8	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-29	0.0005366	12	17	No	8	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-30R	0.00003616	3	17	No	8	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-31R	0.0003199	10	17	No	8	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-32R	-0.00002777	-6	-17	No	8	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-33R	-0.000337	-15	-17	No	8	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-39	0.0004725	7	17	No	8	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-55	-0.00006537	-16	-17	No	8	100	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-56	0.00006244	0	17	No	8	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-58	-0.0002015	-16	-17	No	8	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-60	-0.00005675	-16	-17	No	8	100	n/a	n/a	0.05	NP
Cobalt (mg/L)	PZ-13	-0.000005541	-6	-17	No	8	75	n/a	n/a	0.05	NP
Cobalt (mg/L)	SW-101	-0.00001244	-8	-15	No	7	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	SW-102	-0.00001351	-5	-15	No	7	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	**SW-103**	**-0.0001223**	**-18**	**-17**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	SW-106	-0.0000295	-5	-17	No	8	12.5	n/a	n/a	0.05	NP
Cobalt (mg/L)	SW-107	-0.00002977	-6	-17	No	8	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-57R	-0.002115	-2	-17	No	8	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-73	-0.0001845	-8	-17	No	8	0	n/a	n/a	0.05	NP
Copper (mg/L)	GU-3A	-0.0001034	-7	-17	No	8	87.5	n/a	n/a	0.05	NP
Copper (mg/L)	MW-14R	-0.0003094	-12	-17	No	8	100	n/a	n/a	0.05	NP
Copper (mg/L)	MW-18	-0.0002975	-12	-17	No	8	100	n/a	n/a	0.05	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 12:50 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Copper (mg/L)	MW-19	-0.0003158	-15	-17	No	8	87.5	n/a	n/a	0.05	NP
Copper (mg/L)	MW-23 (bg)	-0.0002977	-12	-17	No	8	100	n/a	n/a	0.05	NP
Copper (mg/L)	MW-24R (bg)	-0.0002976	-12	-17	No	8	100	n/a	n/a	0.05	NP
Copper (mg/L)	MW-28	-0.0005619	-15	-17	No	8	87.5	n/a	n/a	0.05	NP
Copper (mg/L)	MW-29	0	-3	-17	No	8	87.5	n/a	n/a	0.05	NP
Copper (mg/L)	MW-30R	-0.0003094	-12	-17	No	8	100	n/a	n/a	0.05	NP
Copper (mg/L)	MW-31R	-0.000138	-7	-17	No	8	87.5	n/a	n/a	0.05	NP
Copper (mg/L)	MW-32R	-0.0002876	-8	-17	No	8	75	n/a	n/a	0.05	NP
Copper (mg/L)	MW-33R	-0.0009994	-13	-17	No	8	25	n/a	n/a	0.05	NP
Copper (mg/L)	MW-39	-0.00031	-12	-17	No	8	100	n/a	n/a	0.05	NP
Copper (mg/L)	MW-55	-0.0003566	-12	-17	No	8	100	n/a	n/a	0.05	NP
Copper (mg/L)	MW-56	-0.0004749	-14	-17	No	8	62.5	n/a	n/a	0.05	NP
Copper (mg/L)	MW-58	0	0	17	No	8	62.5	n/a	n/a	0.05	NP
Copper (mg/L)	MW-57R	0.00007443	2	17	No	8	0	n/a	n/a	0.05	NP
Copper (mg/L)	MW-73	-0.001062	-10	-17	No	8	12.5	n/a	n/a	0.05	NP
Delta-BHC (ug/L)	MW-14R	-0.0003246	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-18	-0.0007088	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-19	-0.001391	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-28	-0.0006701	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-29	0.00237	4	10	No	5	80	n/a	n/a	0.05	NP
Delta-BHC (ug/L)	MW-30R	-0.0006319	-4	-8	No	4	100	n/a	n/a	0.05	NP
Delta-BHC (ug/L)	MW-31R	0.001711	1	15	No	7	71.43	n/a	n/a	0.05	NP
Delta-BHC (ug/L)	MW-32R	-0.0002976	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-33R	-0.001015	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-39	-0.0003021	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-55	-0.0006212	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-56	-0.0005381	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-58	0.003875	3	12	No	6	66.67	n/a	n/a	0.05	NP
Delta-BHC (ug/L)	MW-57R	0.001577	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-14R	-0.01014	-5	-15	No	7	14.29	n/a	n/a	0.05	NP
Dichlorodifluoromethane (ug/L)	MW-18	-0.1272	-3	-8	No	4	100	n/a	n/a	0.05	NP
Dichlorodifluoromethane (ug/L)	MW-19	-0.2792	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-28	-0.2792	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-29	-0.2847	-4	-8	No	4	100	n/a	n/a	0.05	NP
Dichlorodifluoromethane (ug/L)	MW-30R	-0.005061	-3	-17	No	8	50	n/a	n/a	0.05	NP
Dichlorodifluoromethane (ug/L)	MW-31R	-0.2481	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-32R	-0.248	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-33R	-0.2737	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-39	-0.2373	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-55	-0.2711	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-56	0	-5	-17	No	8	75	n/a	n/a	0.05	NP
Dichlorodifluoromethane (ug/L)	MW-58	-0.2692	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-57R	0.6759	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-14R	0.003195	9	15	No	7	57.14	n/a	n/a	0.05	NP
Endosulfan I (ug/L)	MW-18	-0.001068	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-19	-0.001767	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-28	-0.001036	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-29	0.0002986	6	17	No	8	62.5	n/a	n/a	0.05	NP
Endosulfan I (ug/L)	MW-30R	-0.0007674	-6	-8	No	4	100	n/a	n/a	0.05	NP
Endosulfan I (ug/L)	MW-31R	-0.0009021	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 12:50 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Endosulfan I (ug/L)	MW-32R	-0.0006313	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-33R	-0.001373	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-39	-0.0006128	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-55	-0.0009761	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-56	0.002216	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-58	0.003875	1	12	No	6	66.67	n/a	n/a	0.05	NP
Endosulfan I (ug/L)	MW-57R	0.001352	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-14R	-0.0008724	-3	-12	No	6	100	n/a	n/a	0.05	NP
Endosulfan II (ug/L)	MW-18	-0.001253	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-19	-0.00196	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-28	-0.001218	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-29	-0.0007207	-9	-17	No	8	100	n/a	n/a	0.05	NP
Endosulfan II (ug/L)	MW-30R	-0.0009939	-6	-8	No	4	100	n/a	n/a	0.05	NP
Endosulfan II (ug/L)	MW-31R	-0.001065	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-32R	-0.0008027	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-33R	-0.001562	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-39	-0.0007595	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-55	-0.001154	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-56	-0.001066	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-58	-0.0009987	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-57R	0.001352	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Ethylbenzene (ug/L)	GU-3A	-0.09691	-13	-17	No	8	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-14R	-0.1095	-13	-17	No	8	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-18	-0.1091	-13	-17	No	8	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-19	-0.1091	-13	-17	No	8	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-23 (bg)	-0.1092	-13	-17	No	8	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-24R (bg)	-0.1092	-13	-17	No	8	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-28	-0.1091	-13	-17	No	8	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-29	-0.1095	-13	-17	No	8	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-30R	-0.1095	-13	-17	No	8	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-31R	-0.05227	-13	-17	No	8	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-32R	-0.05226	-13	-17	No	8	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-33R	-0.1094	-13	-17	No	8	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-39	-0.08092	-13	-17	No	8	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-55	-0.1219	-13	-17	No	8	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-56	-0.1092	-13	-17	No	8	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-58	-0.1095	-13	-17	No	8	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-68	-0.1271	-5	-12	No	6	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-69	-0.1269	-5	-12	No	6	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-70	-0.1271	-5	-12	No	6	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	PZ-13	-0.1271	-5	-12	No	6	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-57R	0	-1	-17	No	8	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-73	0	-1	-17	No	8	100	n/a	n/a	0.05	NP
Gamma-BHC [Lindane] (ug/L)	MW-14R	0.0002527	3	12	No	6	100	n/a	n/a	0.05	NP
Gamma-BHC [Lindane] (ug/L)	MW-18	-0.002679	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-19	-0.003451	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-28	-0.002694	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-29	-0.0002183	-3	-12	No	6	66.67	n/a	n/a	0.05	NP
Gamma-BHC [Lindane] (ug/L)	MW-30R	-0.001507	-4	-8	No	4	100	n/a	n/a	0.05	NP
Gamma-BHC [Lindane] (ug/L)	MW-31R	-0.002364	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 12:50 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Gamma-BHC [Lindane] (ug/L)	MW-32R	-0.002139	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-33R	-0.002184	-4	-8	No	4	100	n/a	n/a	0.05	NP
Gamma-BHC [Lindane] (ug/L)	MW-39	-0.001993	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-55	-0.002579	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-56	-0.002493	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-58	-0.00009869	-1	-12	No	6	100	n/a	n/a	0.05	NP
Gamma-BHC [Lindane] (ug/L)	MW-57R	0.0004957	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-14R	-0.001146	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-18	0.001533	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-19	-0.002234	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-28	-0.001492	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-29	0.001696	5	15	No	7	71.43	n/a	n/a	0.05	NP
Heptachlor (ug/L)	MW-30R	-0.0009709	-6	-8	No	4	100	n/a	n/a	0.05	NP
Heptachlor (ug/L)	MW-31R	-0.001308	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-32R	-0.001046	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-33R	-0.001831	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-39	-0.0009926	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-55	-0.00142	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-56	-0.00134	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-58	-0.0001769	-7	-12	No	6	100	n/a	n/a	0.05	NP
Heptachlor (ug/L)	MW-57R	0.001127	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-14R	-0.0003246	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-18	-0.0007088	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-19	-0.001391	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-28	-0.0006701	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-29	0.00237	11	15	No	7	42.86	n/a	n/a	0.05	NP
Heptachlor Epoxide (ug/L)	MW-30R	-0.0006319	-4	-8	No	4	100	n/a	n/a	0.05	NP
Heptachlor Epoxide (ug/L)	MW-31R	-0.0005774	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-32R	-0.0002976	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-33R	-0.001015	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-39	-0.0003021	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-55	-0.0006212	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-56	-0.0005381	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-58	-0.0004602	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-57R	0.001577	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Iron, Dissolved (mg/L)	SW-101	-0.07751	-9	-17	No	8	87.5	n/a	n/a	0.05	NP
Iron, Dissolved (mg/L)	SW-102	-0.06004	-13	-17	No	8	100	n/a	n/a	0.05	NP
Iron, Dissolved (mg/L)	SW-103	-0.01934	-13	-17	No	8	87.5	n/a	n/a	0.05	NP
Iron, Dissolved (mg/L)	SW-104	-0.05648	-5	-12	No	6	83.33	n/a	n/a	0.05	NP
Iron, Dissolved (mg/L)	SW-105	-0.05648	-5	-12	No	6	83.33	n/a	n/a	0.05	NP
Iron, Dissolved (mg/L)	SW-106	-0.07751	-9	-17	No	8	87.5	n/a	n/a	0.05	NP
Iron, Dissolved (mg/L)	SW-107	-0.07751	-12	-17	No	8	100	n/a	n/a	0.05	NP
Lead (mg/L)	GU-3A	-0.00004034	-12	-17	No	8	75	n/a	n/a	0.05	NP
Lead (mg/L)	MW-14R	-0.0000263	-8	-17	No	8	87.5	n/a	n/a	0.05	NP
Lead (mg/L)	MW-18	-0.00005213	-14	-17	No	8	87.5	n/a	n/a	0.05	NP
Lead (mg/L)	MW-19	-0.00005307	-15	-17	No	8	75	n/a	n/a	0.05	NP
Lead (mg/L)	MW-23 (bg)	0	-2	-17	No	8	87.5	n/a	n/a	0.05	NP
Lead (mg/L)	MW-24R (bg)	-0.0000528	-14	-17	No	8	87.5	n/a	n/a	0.05	NP
Lead (mg/L)	MW-28	-0.00003012	-6	-17	No	8	75	n/a	n/a	0.05	NP
Lead (mg/L)	MW-29	-0.00002922	-11	-17	No	8	100	n/a	n/a	0.05	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 12:50 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Lead (mg/L)	MW-30R	-0.00003679	-10	-17	No	8	37.5	n/a	n/a	0.05	NP
Lead (mg/L)	MW-31R	-0.00001303	-7	-17	No	8	87.5	n/a	n/a	0.05	NP
Lead (mg/L)	MW-32R	-0.0000424	-4	-17	No	8	0	n/a	n/a	0.05	NP
Lead (mg/L)	MW-33R	-0.0003183	-17	-17	No	8	25	n/a	n/a	0.05	NP
Lead (mg/L)	MW-39	-0.00002927	-11	-17	No	8	100	n/a	n/a	0.05	NP
Lead (mg/L)	MW-55	-0.00003368	-13	-17	No	8	87.5	n/a	n/a	0.05	NP
Lead (mg/L)	MW-56	-0.000009551	-4	-17	No	8	75	n/a	n/a	0.05	NP
Lead (mg/L)	MW-58	-0.0000062	-2	-17	No	8	25	n/a	n/a	0.05	NP
Lead (mg/L)	MW-57R	0.00002866	4	17	No	8	25	n/a	n/a	0.05	NP
Lead (mg/L)	**MW-73**	**-0.0004608**	**-22**	**-17**	**Yes**	**8**	**12.5**	**n/a**	**n/a**	**0.05**	**NP**
Mercury (mg/L)	MW-14R	-0.00000913	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-18	-0.000006391	-5	-10	No	5	80	n/a	n/a	0.05	NP
Mercury (mg/L)	MW-19	-0.000006757	-3	-8	No	4	75	n/a	n/a	0.05	NP
Mercury (mg/L)	MW-28	-0.000006757	-3	-8	No	4	75	n/a	n/a	0.05	NP
Mercury (mg/L)	MW-29	-0.000008809	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-30R	-0.000005918	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-31R	-0.000001534	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-32R	-0.000008117	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-33R	-0.000008956	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-39	-0.000007412	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-55	-0.000008874	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-56	-0.000005889	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-58	-0.00000235	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-57R	-0.0000383	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Nickel (mg/L)	GU-3A	0.00151	14	17	No	8	12.5	n/a	n/a	0.05	NP
Nickel (mg/L)	MW-14R	-0.0004315	-12	-17	No	8	87.5	n/a	n/a	0.05	NP
Nickel (mg/L)	MW-18	-0.0001433	-14	-17	No	8	12.5	n/a	n/a	0.05	NP
Nickel (mg/L)	MW-19	-0.0004648	-11	-17	No	8	100	n/a	n/a	0.05	NP
Nickel (mg/L)	MW-23 (bg)	-0.0005242	-9	-17	No	8	37.5	n/a	n/a	0.05	NP
Nickel (mg/L)	MW-24R (bg)	-0.0004652	-11	-17	No	8	100	n/a	n/a	0.05	NP
Nickel (mg/L)	MW-28	-0.0004648	-11	-17	No	8	100	n/a	n/a	0.05	NP
Nickel (mg/L)	**MW-29**	**-0.005285**	**-22**	**-17**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Nickel (mg/L)	MW-30R	-0.0002073	-2	-17	No	8	0	n/a	n/a	0.05	NP
Nickel (mg/L)	MW-31R	-0.0003567	-15	-17	No	8	87.5	n/a	n/a	0.05	NP
Nickel (mg/L)	MW-32R	-0.0004404	-16	-17	No	8	75	n/a	n/a	0.05	NP
Nickel (mg/L)	MW-33R	-0.000144	-10	-17	No	8	0	n/a	n/a	0.05	NP
Nickel (mg/L)	MW-39	-0.001091	-12	-17	No	8	0	n/a	n/a	0.05	NP
Nickel (mg/L)	MW-55	-0.00006832	-6	-17	No	8	87.5	n/a	n/a	0.05	NP
Nickel (mg/L)	MW-56	0.0007287	4	17	No	8	0	n/a	n/a	0.05	NP
Nickel (mg/L)	MW-58	-0.002004	-7	-17	No	8	0	n/a	n/a	0.05	NP
Nickel (mg/L)	MW-57R	-0.004143	-6	-17	No	8	0	n/a	n/a	0.05	NP
Nickel (mg/L)	MW-73	-0.001089	-6	-17	No	8	0	n/a	n/a	0.05	NP
Nitrate as N (mg/L)	SW-105	-0.00428	-2	-12	No	6	50	n/a	n/a	0.05	NP
Nitrate as N (mg/L)	SW-107	0.3109	2	17	No	8	0	n/a	n/a	0.05	NP
Selenium (mg/L)	**GU-3A**	**-0.0007166**	**-19**	**-17**	**Yes**	**8**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
Selenium (mg/L)	MW-14R	-0.0004785	-16	-17	No	8	100	n/a	n/a	0.05	NP
Selenium (mg/L)	MW-18	-0.0006199	-16	-17	No	8	100	n/a	n/a	0.05	NP
Selenium (mg/L)	MW-19	-0.0006198	-16	-17	No	8	100	n/a	n/a	0.05	NP
Selenium (mg/L)	MW-23 (bg)	-0.0004501	-16	-17	No	8	100	n/a	n/a	0.05	NP
Selenium (mg/L)	MW-24R (bg)	0.00001324	2	17	No	8	12.5	n/a	n/a	0.05	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 12:50 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Selenium (mg/L)	MW-28	-0.0006198	-16	-17	No	8	100	n/a	n/a	0.05	NP
Selenium (mg/L)	MW-29	-0.0004787	-16	-17	No	8	100	n/a	n/a	0.05	NP
Selenium (mg/L)	MW-30R	-0.0004565	-16	-17	No	8	100	n/a	n/a	0.05	NP
Selenium (mg/L)	MW-31R	-0.0004565	-16	-17	No	8	100	n/a	n/a	0.05	NP
Selenium (mg/L)	MW-32R	-0.0004565	-16	-17	No	8	100	n/a	n/a	0.05	NP
Selenium (mg/L)	MW-33R	-0.0006187	-16	-17	No	8	100	n/a	n/a	0.05	NP
Selenium (mg/L)	MW-39	-0.0004502	-16	-17	No	8	100	n/a	n/a	0.05	NP
Selenium (mg/L)	MW-55	-0.0007131	-16	-17	No	8	100	n/a	n/a	0.05	NP
Selenium (mg/L)	MW-56	-0.0001729	-9	-17	No	8	87.5	n/a	n/a	0.05	NP
Selenium (mg/L)	MW-58	-0.0004376	-11	-17	No	8	87.5	n/a	n/a	0.05	NP
Selenium (mg/L)	MW-57R	0	3	17	No	8	100	n/a	n/a	0.05	NP
Selenium (mg/L)	MW-73	0	-7	-17	No	8	100	n/a	n/a	0.05	NP
Silver (mg/L)	GU-3A	-0.00007364	-16	-17	No	8	100	n/a	n/a	0.05	NP
Silver (mg/L)	MW-14R	-0.00006646	-16	-17	No	8	100	n/a	n/a	0.05	NP
Silver (mg/L)	MW-18	-0.0000861	-16	-17	No	8	100	n/a	n/a	0.05	NP
Silver (mg/L)	MW-19	-0.00008608	-16	-17	No	8	100	n/a	n/a	0.05	NP
Silver (mg/L)	MW-23 (bg)	-0.00006252	-16	-17	No	8	100	n/a	n/a	0.05	NP
Silver (mg/L)	MW-24R (bg)	-0.00006251	-16	-17	No	8	100	n/a	n/a	0.05	NP
Silver (mg/L)	MW-28	-0.00008608	-16	-17	No	8	100	n/a	n/a	0.05	NP
Silver (mg/L)	MW-29	-0.00006564	-17	-17	No	8	87.5	n/a	n/a	0.05	NP
Silver (mg/L)	MW-30R	-0.0000634	-16	-17	No	8	100	n/a	n/a	0.05	NP
Silver (mg/L)	MW-31R	-0.00006341	-16	-17	No	8	100	n/a	n/a	0.05	NP
Silver (mg/L)	MW-32R	-0.0000634	-16	-17	No	8	100	n/a	n/a	0.05	NP
Silver (mg/L)	MW-33R	-0.00008593	-16	-17	No	8	100	n/a	n/a	0.05	NP
Silver (mg/L)	MW-39	-0.00006252	-16	-17	No	8	100	n/a	n/a	0.05	NP
Silver (mg/L)	MW-55	-0.00009905	-16	-17	No	8	100	n/a	n/a	0.05	NP
Silver (mg/L)	MW-56	-0.00001683	-11	-17	No	8	87.5	n/a	n/a	0.05	NP
Silver (mg/L)	MW-58	-0.00006651	-16	-17	No	8	100	n/a	n/a	0.05	NP
Silver (mg/L)	MW-57R	0	3	17	No	8	100	n/a	n/a	0.05	NP
Silver (mg/L)	MW-73	0	-1	-17	No	8	100	n/a	n/a	0.05	NP
Sulfide (mg/L)	MW-14R	-0.07097	-4	-8	No	4	100	n/a	n/a	0.05	NP
Sulfide (mg/L)	MW-18	0	-7	-17	No	8	100	n/a	n/a	0.05	NP
Sulfide (mg/L)	MW-19	-0.07808	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-23 (bg)	0.3235	3	8	No	4	75	n/a	n/a	0.05	NP
Sulfide (mg/L)	MW-24R (bg)	0	0	8	No	4	100	n/a	n/a	0.05	NP
Sulfide (mg/L)	MW-28	-0.07808	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-29	-0.1018	-13	-17	No	8	87.5	n/a	n/a	0.05	NP
Sulfide (mg/L)	MW-30R	0.001572	3	15	No	7	57.14	n/a	n/a	0.05	NP
Sulfide (mg/L)	MW-31R	-0.07621	-11	-15	No	7	71.43	n/a	n/a	0.05	NP
Sulfide (mg/L)	MW-32R	-0.03327	-8	-15	No	7	85.71	n/a	n/a	0.05	NP
Sulfide (mg/L)	MW-33R	-0.07652	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-39	-0.06637	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-55	-0.07277	-3	-8	No	4	100	n/a	n/a	0.05	NP
Sulfide (mg/L)	MW-56	-0.07808	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-58	-0.07529	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Tetrachloroethene (ug/L)	GU-3A	-0.07658	-16	-17	No	8	100	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	MW-14R	-0.08939	-16	-17	No	8	100	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	MW-18	-0.08954	-16	-17	No	8	100	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	MW-19	-0.08952	-16	-17	No	8	100	n/a	n/a	0.05	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 12:50 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Tetrachloroethene (ug/L)	MW-23 (bg)	-0.08961	-16	-17	No	8	100	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	MW-24R (bg)	-0.08959	-16	-17	No	8	100	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	MW-28	-0.08952	-16	-17	No	8	100	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	MW-29	-0.08939	-16	-17	No	8	100	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	MW-30R	-0.08939	-16	-17	No	8	100	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	MW-31R	-0.05052	-15	-17	No	8	100	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	MW-32R	-0.05051	-15	-17	No	8	100	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	MW-33R	-0.08937	-16	-17	No	8	100	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	MW-39	-0.06502	-16	-17	No	8	100	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	MW-55	-0.103	-16	-17	No	8	100	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	MW-56	-0.0896	-16	-17	No	8	100	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	MW-58	-0.08943	-16	-17	No	8	100	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	MW-68	-0.07663	-16	-17	No	8	100	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	MW-69	-0.08944	-16	-17	No	8	100	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	MW-70	-0.0895	-16	-17	No	8	100	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	PZ-13	-0.08945	-16	-17	No	8	100	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	MW-57R	0	-7	-17	No	8	100	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	MW-73	0	-7	-17	No	8	100	n/a	n/a	0.05	NP
Thallium (mg/L)	GU-3A	-0.00007209	-16	-17	No	8	87.5	n/a	n/a	0.05	NP
Thallium (mg/L)	MW-14R	-0.00005716	-13	-17	No	8	100	n/a	n/a	0.05	NP
Thallium (mg/L)	MW-18	-0.00007405	-15	-17	No	8	87.5	n/a	n/a	0.05	NP
Thallium (mg/L)	MW-19	-0.0000599	-15	-17	No	8	87.5	n/a	n/a	0.05	NP
Thallium (mg/L)	MW-23 (bg)	-0.00005377	-13	-17	No	8	100	n/a	n/a	0.05	NP
Thallium (mg/L)	MW-24R (bg)	-0.00005376	-13	-17	No	8	100	n/a	n/a	0.05	NP
Thallium (mg/L)	MW-28	-0.00005768	-15	-17	No	8	87.5	n/a	n/a	0.05	NP
Thallium (mg/L)	MW-29	-0.00005718	-13	-17	No	8	100	n/a	n/a	0.05	NP
Thallium (mg/L)	MW-30R	-0.00005175	-13	-17	No	8	87.5	n/a	n/a	0.05	NP
Thallium (mg/L)	MW-31R	-0.00005453	-13	-17	No	8	100	n/a	n/a	0.05	NP
Thallium (mg/L)	MW-32R	-0.00005452	-16	-17	No	8	87.5	n/a	n/a	0.05	NP
Thallium (mg/L)	MW-33R	-0.0000739	-13	-17	No	8	100	n/a	n/a	0.05	NP
Thallium (mg/L)	MW-39	-0.00005377	-13	-17	No	8	100	n/a	n/a	0.05	NP
Thallium (mg/L)	MW-55	-0.00008518	-13	-17	No	8	100	n/a	n/a	0.05	NP
Thallium (mg/L)	MW-56	-0.00009521	-15	-17	No	8	100	n/a	n/a	0.05	NP
Thallium (mg/L)	MW-58	-0.0000572	-13	-17	No	8	100	n/a	n/a	0.05	NP
Thallium (mg/L)	MW-57R	0.00004633	6	17	No	8	100	n/a	n/a	0.05	NP
Thallium (mg/L)	MW-73	0	-1	-17	No	8	87.5	n/a	n/a	0.05	NP
Tin (mg/L)	MW-14R	-0.009911	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-18	-0.009261	-5	-8	No	4	100	n/a	n/a	0.05	NP
Tin (mg/L)	MW-19	-0.009919	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-24R (bg)	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-28	-0.009919	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-29	-0.01935	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	**MW-30R**	**-0.02611**	**-20**	**-17**	**Yes**	**8**	**75**	**n/a**	**n/a**	**0.05**	**NP**
Tin (mg/L)	MW-31R	-0.008814	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-32R	-0.008812	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-33R	0	-12	-17	No	8	100	n/a	n/a	0.05	NP
Tin (mg/L)	MW-39	-0.008432	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-55	-0.0004596	-13	-17	No	8	100	n/a	n/a	0.05	NP
Tin (mg/L)	**MW-56**	**-0.001899**	**-16**	**-15**	**Yes**	**7**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Tin (mg/L)	MW-58	-0.008477	-5	-8	No	4	100	n/a	n/a	0.05	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 12:50 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Tin (mg/L)	MW-57R	-0.0003959	-11	-17	No	8	100	n/a	n/a	0.05	NP
Toluene (ug/L)	GU-3A	-0.08394	-16	-17	No	8	100	n/a	n/a	0.05	NP
Toluene (ug/L)	MW-14R	-0.09798	-16	-17	No	8	100	n/a	n/a	0.05	NP
Toluene (ug/L)	MW-18	-0.09815	-16	-17	No	8	100	n/a	n/a	0.05	NP
Toluene (ug/L)	MW-19	-0.09813	-16	-17	No	8	100	n/a	n/a	0.05	NP
Toluene (ug/L)	MW-23 (bg)	-0.09822	-16	-17	No	8	100	n/a	n/a	0.05	NP
Toluene (ug/L)	MW-24R (bg)	-0.0982	-16	-17	No	8	100	n/a	n/a	0.05	NP
Toluene (ug/L)	MW-28	-0.09813	-16	-17	No	8	100	n/a	n/a	0.05	NP
Toluene (ug/L)	MW-29	-0.09798	-17	-17	No	8	87.5	n/a	n/a	0.05	NP
Toluene (ug/L)	MW-30R	-0.09798	-16	-17	No	8	100	n/a	n/a	0.05	NP
Toluene (ug/L)	MW-31R	-0.05137	-15	-17	No	8	100	n/a	n/a	0.05	NP
Toluene (ug/L)	MW-32R	-0.05135	-15	-17	No	8	100	n/a	n/a	0.05	NP
Toluene (ug/L)	MW-33R	-0.09796	-16	-17	No	8	100	n/a	n/a	0.05	NP
Toluene (ug/L)	MW-39	-0.07128	-16	-17	No	8	100	n/a	n/a	0.05	NP
Toluene (ug/L)	MW-55	-0.003635	-15	-17	No	8	87.5	n/a	n/a	0.05	NP
Toluene (ug/L)	MW-56	-0.09822	-16	-17	No	8	100	n/a	n/a	0.05	NP
Toluene (ug/L)	MW-58	-0.09803	-16	-17	No	8	100	n/a	n/a	0.05	NP
Toluene (ug/L)	MW-68	-0.1249	-8	-12	No	6	100	n/a	n/a	0.05	NP
Toluene (ug/L)	MW-69	-0.1247	-8	-12	No	6	100	n/a	n/a	0.05	NP
Toluene (ug/L)	MW-70	-0.125	-8	-12	No	6	100	n/a	n/a	0.05	NP
Toluene (ug/L)	PZ-13	-0.125	-8	-12	No	6	100	n/a	n/a	0.05	NP
Toluene (ug/L)	MW-57R	0	-7	-17	No	8	100	n/a	n/a	0.05	NP
Toluene (ug/L)	MW-73	0	-7	-17	No	8	100	n/a	n/a	0.05	NP
Total Organic Carbon (mg/L)	**MW-14R**	**0.1605**	**18**	**17**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Total Organic Carbon (mg/L)	MW-24R (bg)	0.004685	0	17	No	8	0	n/a	n/a	0.05	NP
Total Organic Carbon (mg/L)	MW-29	-2.191	-16	-17	No	8	0	n/a	n/a	0.05	NP
Total Organic Carbon (mg/L)	MW-30R	-0.0791	-5	-17	No	8	0	n/a	n/a	0.05	NP
Total Organic Carbon (mg/L)	MW-31R	0.05549	13	17	No	8	0	n/a	n/a	0.05	NP
Total Organic Carbon (mg/L)	MW-32R	0.01454	2	17	No	8	0	n/a	n/a	0.05	NP
Total Organic Carbon (mg/L)	MW-33R	0.03956	8	17	No	8	0	n/a	n/a	0.05	NP
Total Organic Carbon (mg/L)	**MW-70**	**-0.06061**	**-18**	**-17**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Total Organic Carbon (mg/L)	MW-57R	-0.9621	-10	-17	No	8	0	n/a	n/a	0.05	NP
Total Organic Carbon (mg/L)	MW-73	0.2508	8	17	No	8	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	**GU-3A**	**-37.27**	**-18**	**-17**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Total Suspended Solids (mg/L)	MW-14R	1.858	10	17	No	8	12.5	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-18	-0.2106	-4	-17	No	8	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-19	-0.03832	-4	-17	No	8	12.5	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-23 (bg)	0.06073	5	17	No	8	50	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-24R (bg)	-0.2197	-10	-17	No	8	25	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-28	-0.1597	-3	-17	No	8	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-29	1.785	10	17	No	8	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-30R	-0.6516	-6	-17	No	8	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-31R	-0.9785	-8	-17	No	8	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-32R	0.9596	2	17	No	8	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-33R	-20.18	-16	-17	No	8	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-39	-0.1203	-7	-17	No	8	50	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-55	-0.106	-2	-17	No	8	25	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-56	-1.911	-4	-17	No	8	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-58	1.213	6	17	No	8	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-60	-0.2546	-8	-17	No	8	12.5	n/a	n/a	0.05	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 12:50 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Total Suspended Solids (mg/L)	MW-62	-0.06013	0	17	No	8	12.5	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-68	0.2964	6	17	No	8	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-69	0.4918	10	17	No	8	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-70	-0.1953	-6	-17	No	8	25	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	PZ-13	-0.1327	-13	-17	No	8	87.5	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	SW-101	1.133	11	15	No	7	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	SW-102	2.952	5	15	No	7	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	**SW-103**	**-7.262**	**-19**	**-17**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Total Suspended Solids (mg/L)	SW-106	-0.8351	-4	-17	No	8	12.5	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	SW-107	-0.06842	0	17	No	8	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-57R	-0.2374	0	17	No	8	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-73	-10.67	-16	-17	No	8	0	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	GU-3A	-0.1006	-13	-17	No	8	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-14R	-0.03003	-13	-17	No	8	87.5	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-18	-0.1133	-13	-17	No	8	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-19	-0.1133	-13	-17	No	8	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-23 (bg)	-0.1134	-13	-17	No	8	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-24R (bg)	-0.1134	-13	-17	No	8	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-28	-0.1133	-13	-17	No	8	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	**MW-29**	**-0.04865**	**-24**	**-17**	**Yes**	**8**	**12.5**	**n/a**	**n/a**	**0.05**	**NP**
trans-1,2-Dichloroethene (ug/L)	MW-30R	-0.00899	-2	-17	No	8	0	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-31R	-0.05733	-13	-17	No	8	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-32R	-0.05731	-13	-17	No	8	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-33R	-0.1136	-13	-17	No	8	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-39	-0.08401	-13	-17	No	8	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-55	-0.124	-13	-17	No	8	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-56	-0.1122	-17	-17	No	8	50	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-58	-0.1137	-13	-17	No	8	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-68	-0.006044	-9	-17	No	8	50	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-69	-0.007683	-6	-17	No	8	75	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-70	-0.1138	-13	-17	No	8	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	PZ-13	-0.1138	-13	-17	No	8	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-57R	0.1602	8	17	No	8	12.5	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-73	0	-1	-17	No	8	100	n/a	n/a	0.05	NP
Trichloroethene (ug/L)	**GU-3A**	**-0.08818**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	MW-14R	-0.3431	-4	-17	No	8	0	n/a	n/a	0.05	NP
Trichloroethene (ug/L)	**MW-18**	**-0.1006**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	**MW-19**	**-0.1006**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	**MW-23 (bg)**	**-0.1006**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	**MW-24R (bg)**	**-0.1006**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	**MW-28**	**-0.1006**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	**MW-29**	**-0.3272**	**-28**	**-17**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	MW-30R	-0.1709	-10	-17	No	8	0	n/a	n/a	0.05	NP
Trichloroethene (ug/L)	MW-31R	-0.06192	-17	-17	No	8	100	n/a	n/a	0.05	NP
Trichloroethene (ug/L)	MW-32R	-0.06191	-17	-17	No	8	100	n/a	n/a	0.05	NP
Trichloroethene (ug/L)	**MW-33R**	**-0.1046**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	**MW-39**	**-0.07958**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	**MW-55**	**-0.1204**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	**MW-56**	**-0.1008**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	**MW-58**	**-0.1047**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 12:50 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Trichloroethene (ug/L)	MW-68	-0.04378	-10	-17	No	8	87.5	n/a	n/a	0.05	NP
Trichloroethene (ug/L)	**MW-69**	**-0.1047**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	**MW-70**	**-0.1048**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	**PZ-13**	**-0.1047**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	MW-57R	0.07003	1	17	No	8	37.5	n/a	n/a	0.05	NP
Trichloroethene (ug/L)	MW-73	0	-13	-17	No	8	100	n/a	n/a	0.05	NP
Vanadium (mg/L)	GU-3A	-0.001546	-17	-17	No	8	75	n/a	n/a	0.05	NP
Vanadium (mg/L)	MW-14R	-0.0004641	-12	-17	No	8	100	n/a	n/a	0.05	NP
Vanadium (mg/L)	MW-18	-0.0005683	-12	-17	No	8	100	n/a	n/a	0.05	NP
Vanadium (mg/L)	MW-19	-0.0005681	-12	-17	No	8	100	n/a	n/a	0.05	NP
Vanadium (mg/L)	MW-23 (bg)	0	-1	-17	No	8	87.5	n/a	n/a	0.05	NP
Vanadium (mg/L)	MW-24R (bg)	0.00006102	10	17	No	8	62.5	n/a	n/a	0.05	NP
Vanadium (mg/L)	MW-28	-0.0005681	-12	-17	No	8	100	n/a	n/a	0.05	NP
Vanadium (mg/L)	MW-29	-0.0004641	-12	-17	No	8	100	n/a	n/a	0.05	NP
Vanadium (mg/L)	MW-30R	-0.0003034	-6	-17	No	8	12.5	n/a	n/a	0.05	NP
Vanadium (mg/L)	MW-31R	-0.0003263	-8	-17	No	8	75	n/a	n/a	0.05	NP
Vanadium (mg/L)	MW-32R	-0.000129	-6	-17	No	8	12.5	n/a	n/a	0.05	NP
Vanadium (mg/L)	MW-33R	0.0000299	2	17	No	8	25	n/a	n/a	0.05	NP
Vanadium (mg/L)	MW-39	-0.0004226	-12	-17	No	8	100	n/a	n/a	0.05	NP
Vanadium (mg/L)	MW-55	-0.0006537	-12	-17	No	8	100	n/a	n/a	0.05	NP
Vanadium (mg/L)	MW-56	-0.0004938	-11	-17	No	8	87.5	n/a	n/a	0.05	NP
Vanadium (mg/L)	MW-58	-0.0004643	-12	-17	No	8	100	n/a	n/a	0.05	NP
Vanadium (mg/L)	MW-57R	0.0006206	14	17	No	8	0	n/a	n/a	0.05	NP
Vanadium (mg/L)	MW-73	-0.00005102	-4	-17	No	8	25	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	GU-3A	-0.1053	-13	-17	No	8	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-14R	0.3868	13	17	No	8	37.5	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-18	-0.1169	-13	-17	No	8	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-19	-0.1169	-13	-17	No	8	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-23 (bg)	-0.117	-13	-17	No	8	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-24R (bg)	-0.117	-13	-17	No	8	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-28	-0.1169	-13	-17	No	8	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-29	-0.185	-10	-17	No	8	0	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-30R	-0.5304	-8	-17	No	8	0	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-31R	-0.05538	-13	-17	No	8	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-32R	-0.05537	-13	-17	No	8	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-33R	-0.1097	-13	-17	No	8	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-39	-0.08809	-13	-17	No	8	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-55	-0.1198	-13	-17	No	8	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-56	-0.1169	-13	-17	No	8	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-58	-0.1098	-13	-17	No	8	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-68	-0.002935	-1	-17	No	8	50	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-69	0.2757	16	17	No	8	12.5	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-70	-0.1099	-13	-17	No	8	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	PZ-13	-0.1099	-13	-17	No	8	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-57R	0.1058	8	17	No	8	0	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-73	0	0	17	No	8	75	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	GU-3A	-0.3415	-13	-17	No	8	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-14R	-0.3658	-13	-17	No	8	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-18	-0.3859	-13	-17	No	8	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-19	-0.3858	-13	-17	No	8	100	n/a	n/a	0.05	NP

Trend Test

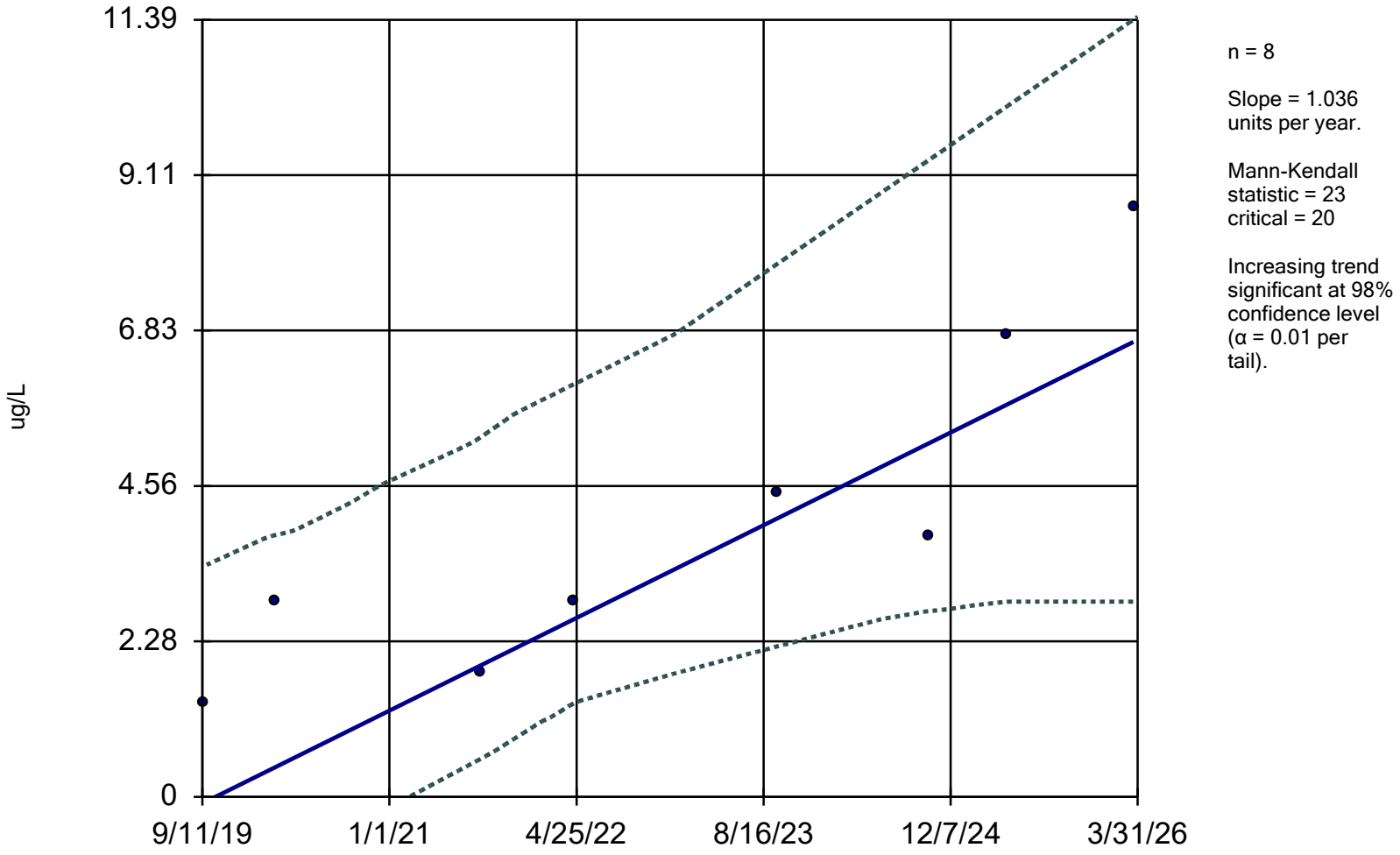
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 12:50 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Xylenes, total (ug/L)	MW-23 (bg)	-0.3862	-13	-17	No	8	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-24R (bg)	-0.3861	-13	-17	No	8	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-28	-0.3858	-13	-17	No	8	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-29	-0.3659	-13	-17	No	8	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-30R	-0.3659	-13	-17	No	8	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-31R	-0.1712	-13	-17	No	8	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-32R	-0.1712	-13	-17	No	8	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-33R	-0.3657	-13	-17	No	8	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-39	-0.2856	-13	-17	No	8	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-55	-0.3994	-13	-17	No	8	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-56	-0.3862	-13	-17	No	8	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-58	-0.3661	-13	-17	No	8	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-68	-0.4163	-5	-12	No	6	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-69	-0.4158	-5	-12	No	6	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-70	-0.4165	-5	-12	No	6	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	PZ-13	-0.4165	-5	-12	No	6	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-57R	0	-1	-17	No	8	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-73	0	-1	-17	No	8	100	n/a	n/a	0.05	NP
Zinc (mg/L)	GU-3A	-0.001338	0	17	No	8	12.5	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-14R	0	-4	-17	No	8	87.5	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-18	-0.000376	-8	-17	No	8	87.5	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-19	-0.001157	-11	-17	No	8	100	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-23 (bg)	-0.0002035	-4	-17	No	8	87.5	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-24R (bg)	-0.001578	-14	-17	No	8	87.5	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-28	-0.0009953	-8	-17	No	8	87.5	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-29	-0.001203	-11	-17	No	8	87.5	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-30R	-0.001203	-11	-17	No	8	100	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-31R	-0.001304	-14	-17	No	8	87.5	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-32R	-0.001203	-11	-17	No	8	87.5	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-33R	-0.001203	-11	-17	No	8	87.5	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-39	-0.001205	-11	-17	No	8	100	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-55	-0.001387	-13	-17	No	8	87.5	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-56	-0.002185	-14	-17	No	8	87.5	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-58	-0.001352	-8	-17	No	8	0	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-57R	0.001013	11	17	No	8	50	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-73	0.00045	2	17	No	8	25	n/a	n/a	0.05	NP

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-14R



n = 8

Slope = 1.036 units per year.

Mann-Kendall statistic = 23
critical = 20

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

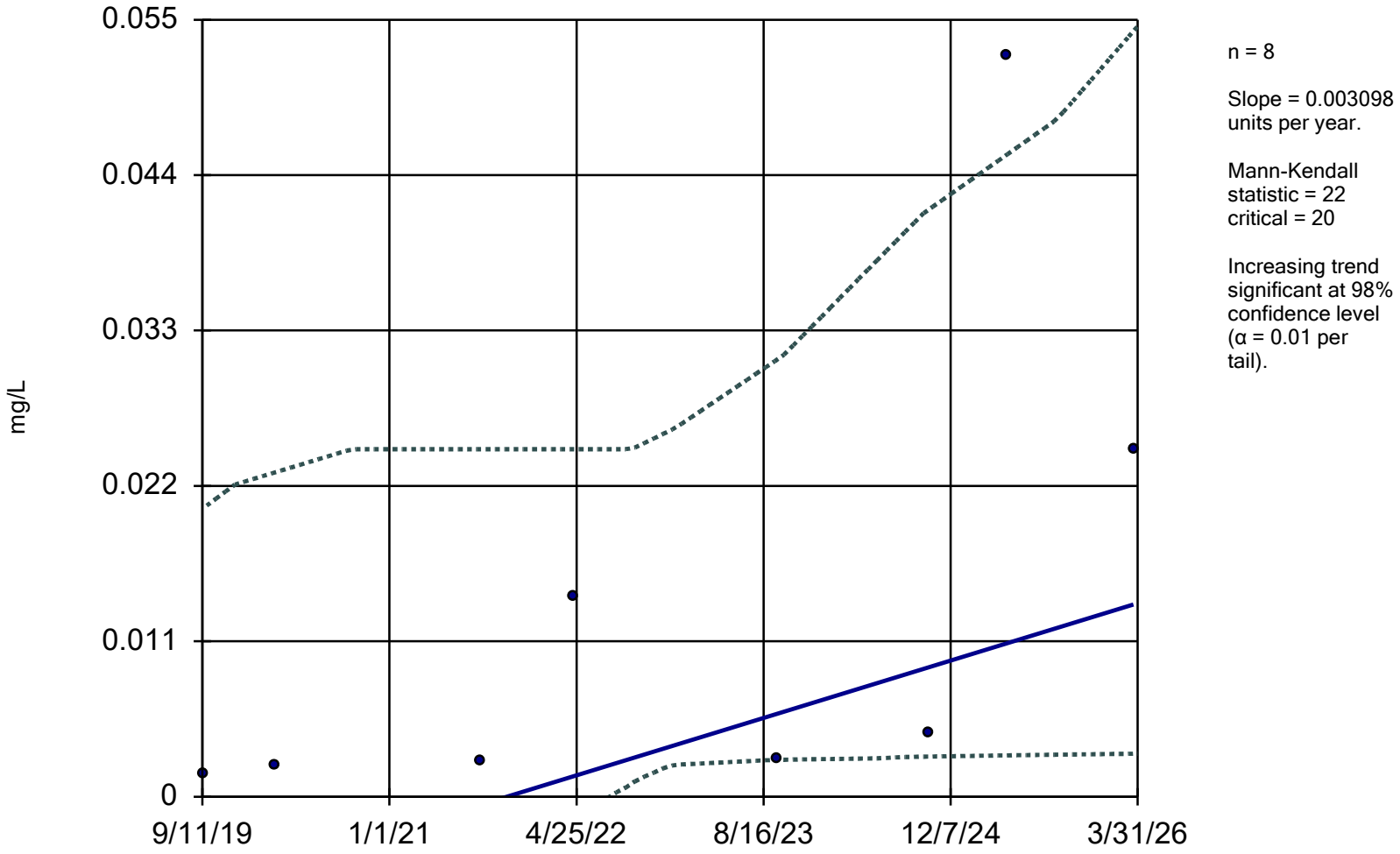
Constituent: 1,1-Dichloroethane Analysis Run 4/29/2026 3:37 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-14R



n = 8

Slope = 0.003098 units per year.

Mann-Kendall statistic = 22
critical = 20

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

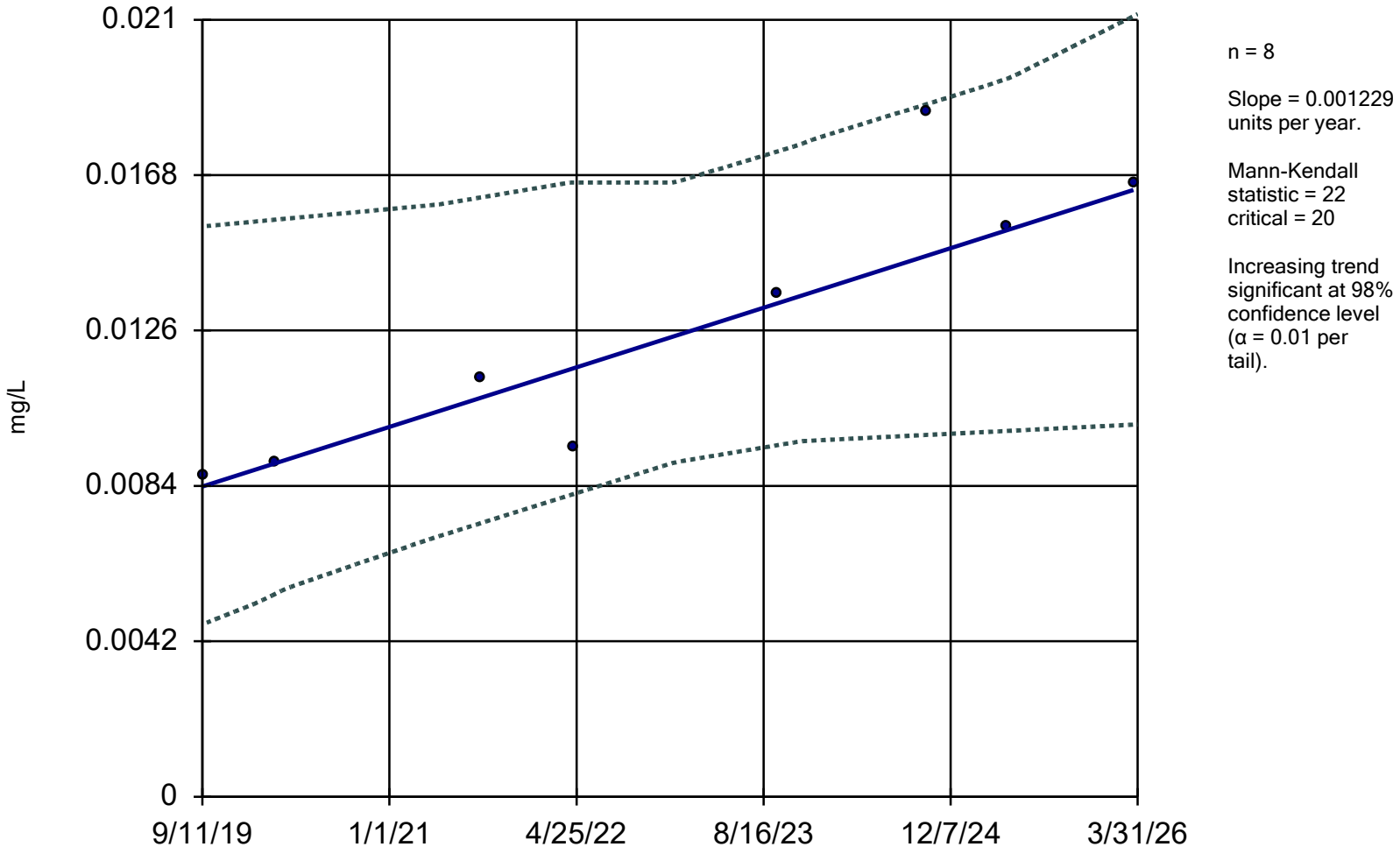
Constituent: Arsenic Analysis Run 4/29/2026 3:40 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-29



n = 8

Slope = 0.001229 units per year.

Mann-Kendall statistic = 22
critical = 20

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

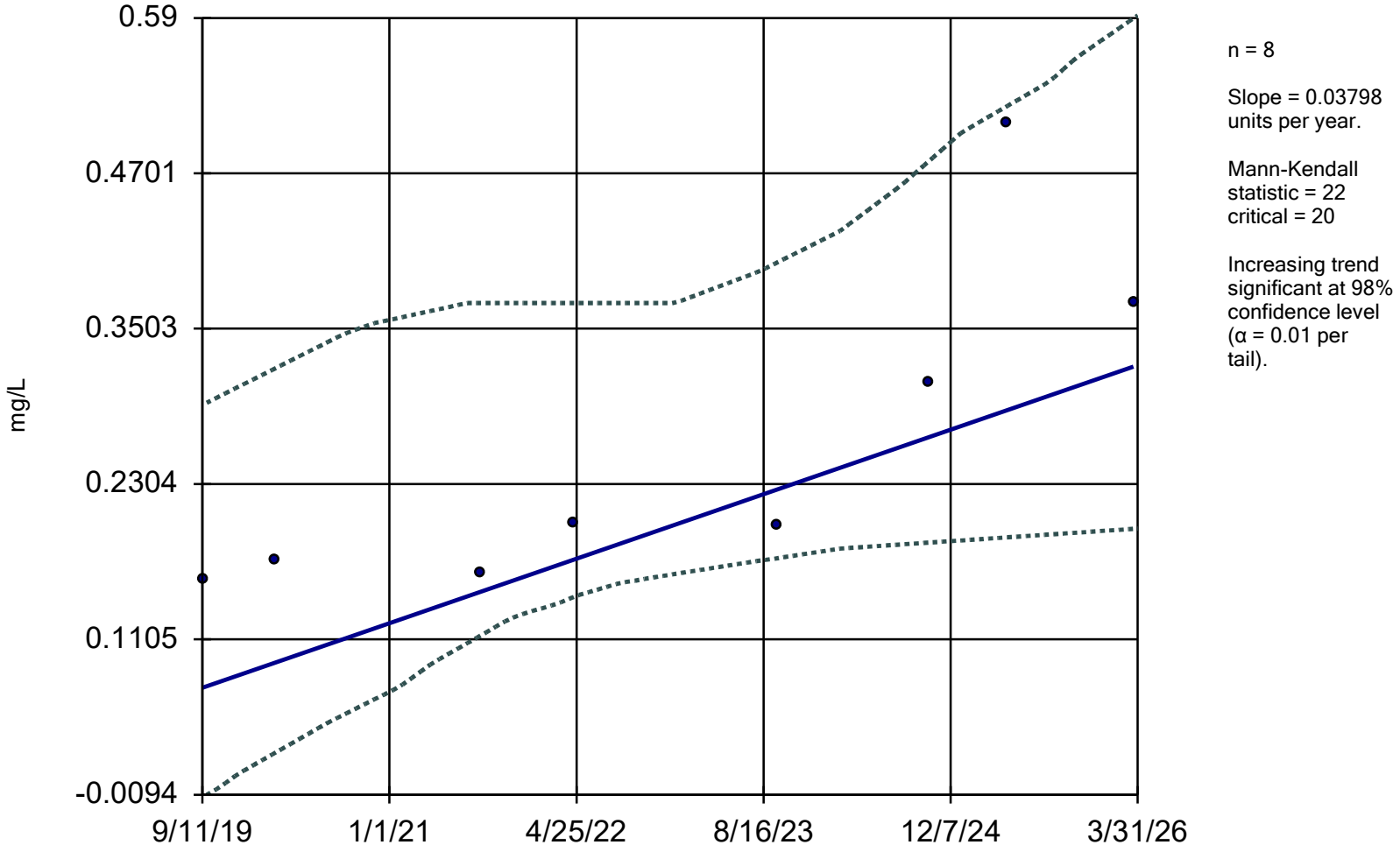
Constituent: Arsenic Analysis Run 4/29/2026 3:40 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-14R



n = 8

Slope = 0.03798 units per year.

Mann-Kendall statistic = 22
critical = 20

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

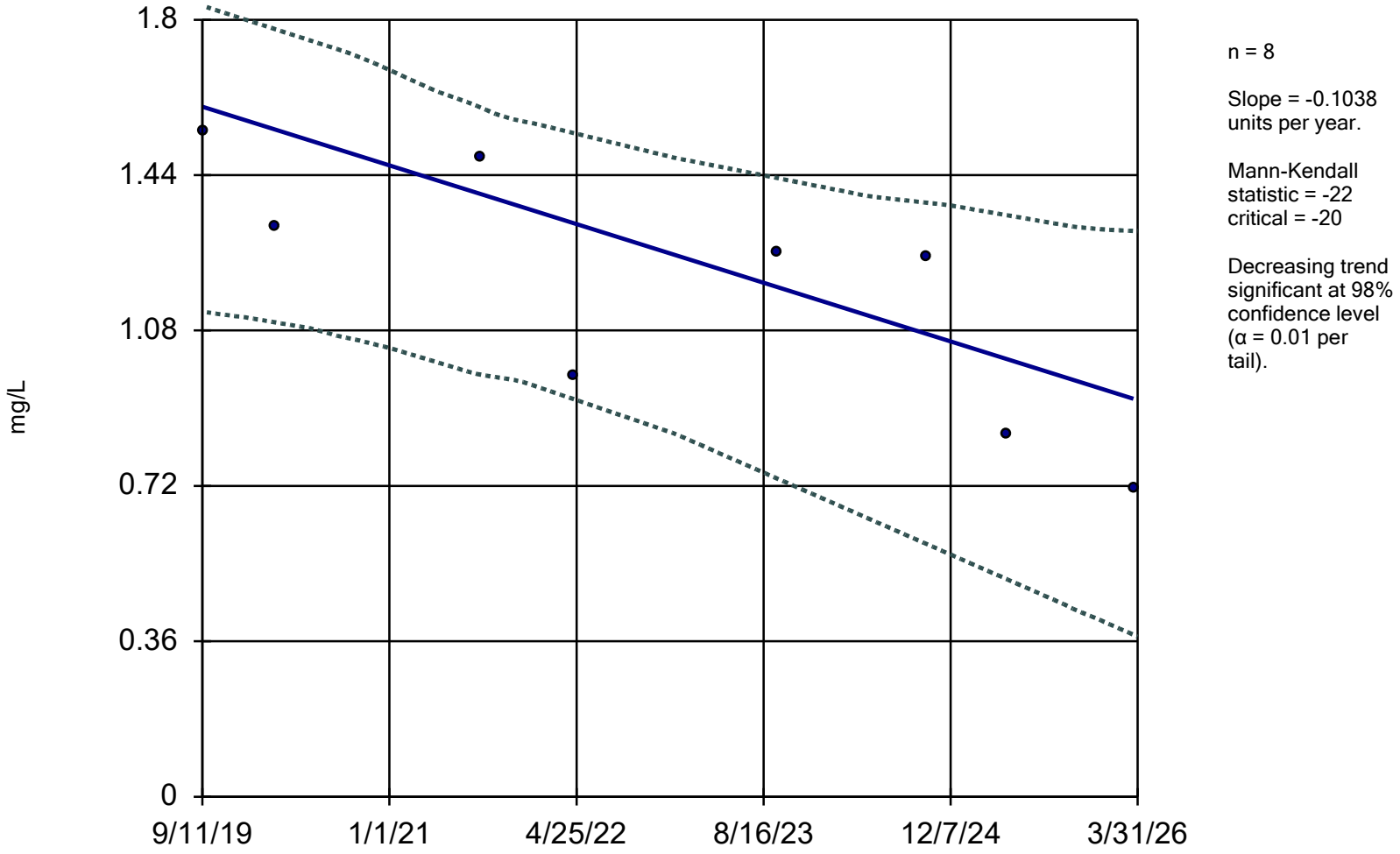
Constituent: Barium Analysis Run 4/29/2026 3:41 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-29



n = 8

Slope = -0.1038 units per year.

Mann-Kendall statistic = -22
critical = -20

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

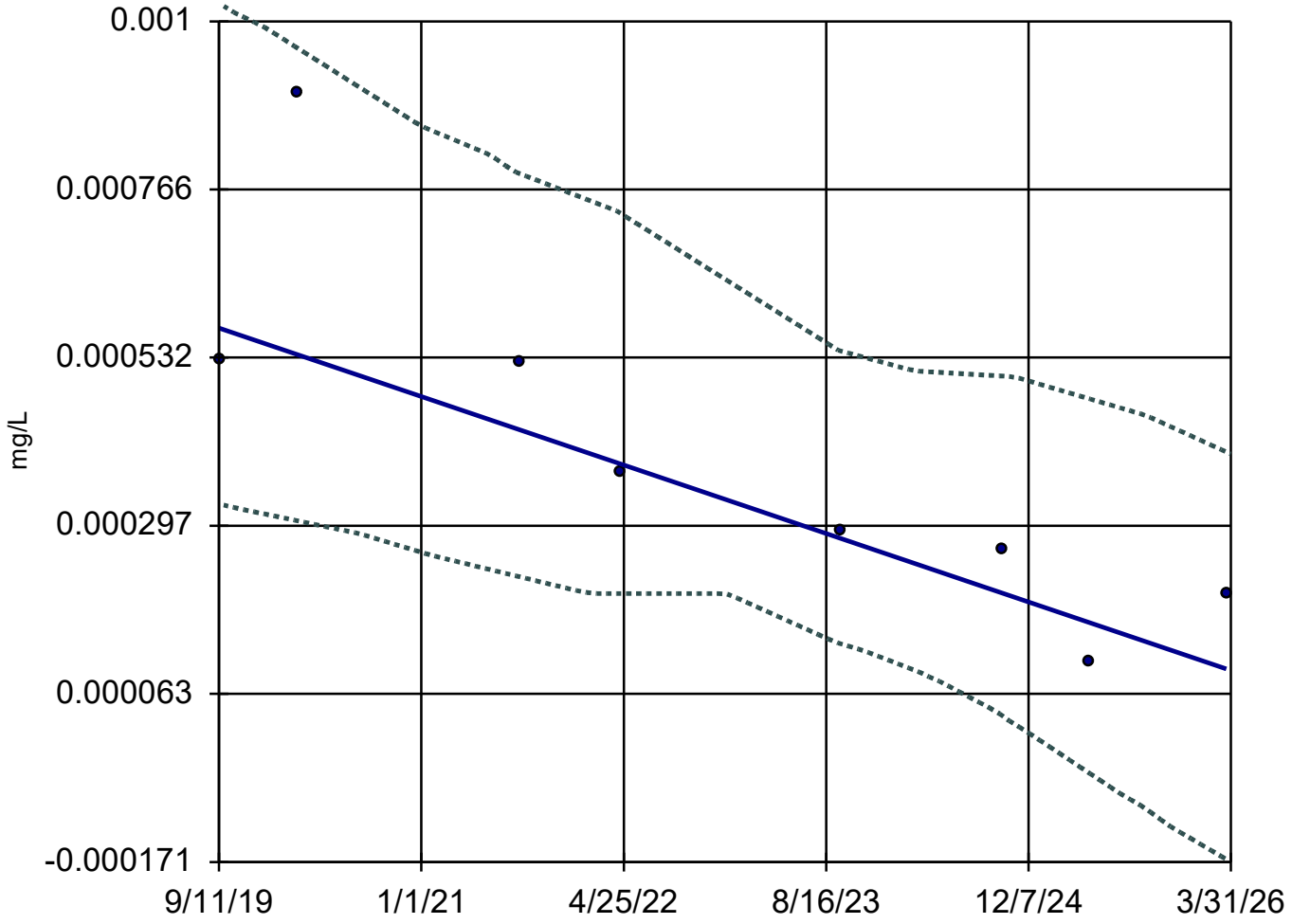
Constituent: Barium Analysis Run 4/29/2026 3:41 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-33R



n = 8

Slope = -0.00007278 units per year.

Mann-Kendall statistic = -24
critical = -20

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

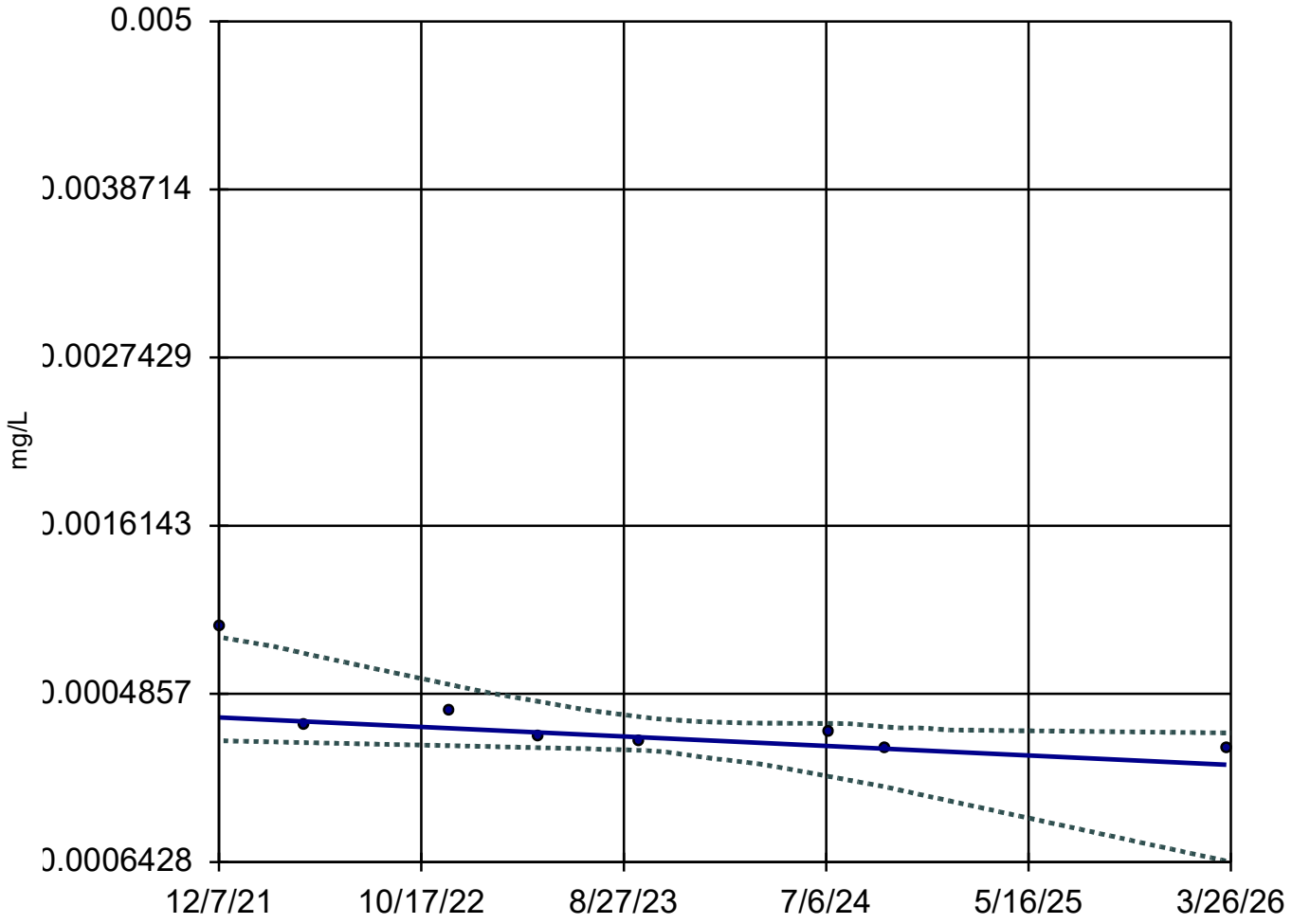
Constituent: Cadmium Analysis Run 4/29/2026 3:42 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-73



n = 8

Slope = -0.00007441 units per year.

Mann-Kendall statistic = -22
critical = -20

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

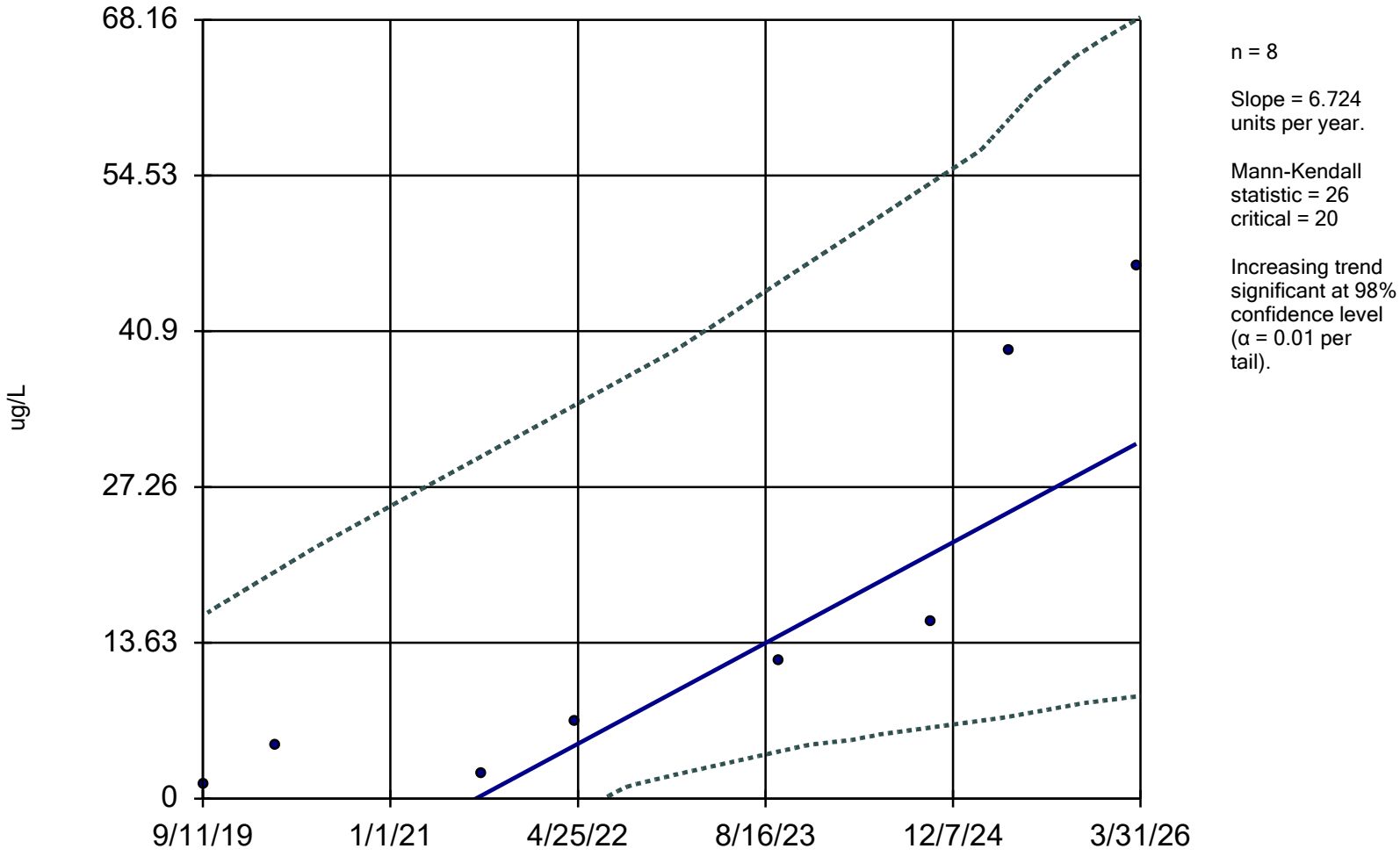
Constituent: Cadmium Analysis Run 4/29/2026 3:42 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-14R



n = 8

Slope = 6.724 units per year.

Mann-Kendall statistic = 26
critical = 20

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

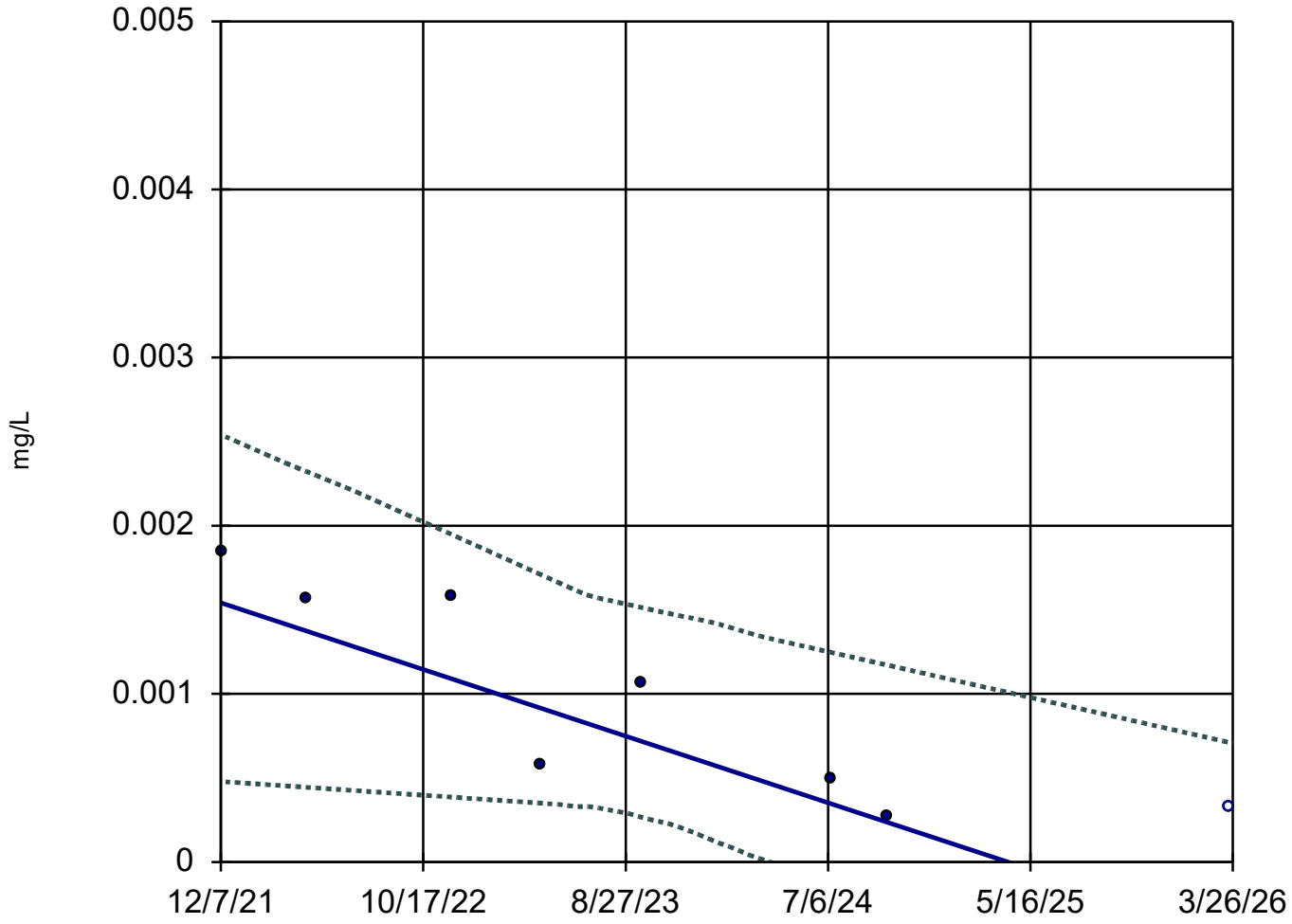
Constituent: cis-1,2-Dichloroethene Analysis Run 4/29/2026 3:43 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-73



n = 8

Slope = -0.0004608 units per year.

Mann-Kendall statistic = -22
critical = -20

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

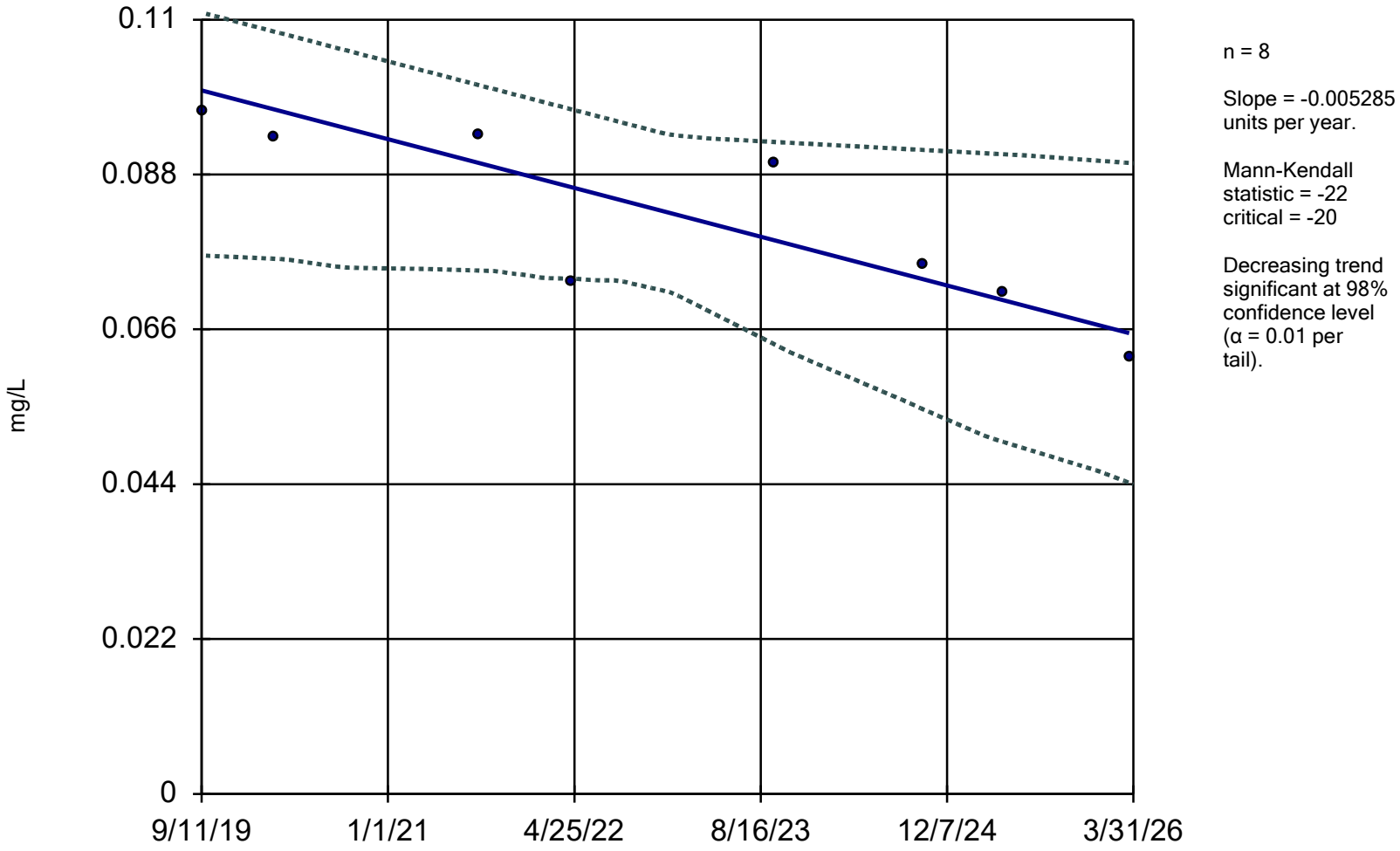
Constituent: Lead Analysis Run 4/29/2026 3:46 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-29



n = 8

Slope = -0.005285 units per year.

Mann-Kendall statistic = -22
critical = -20

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

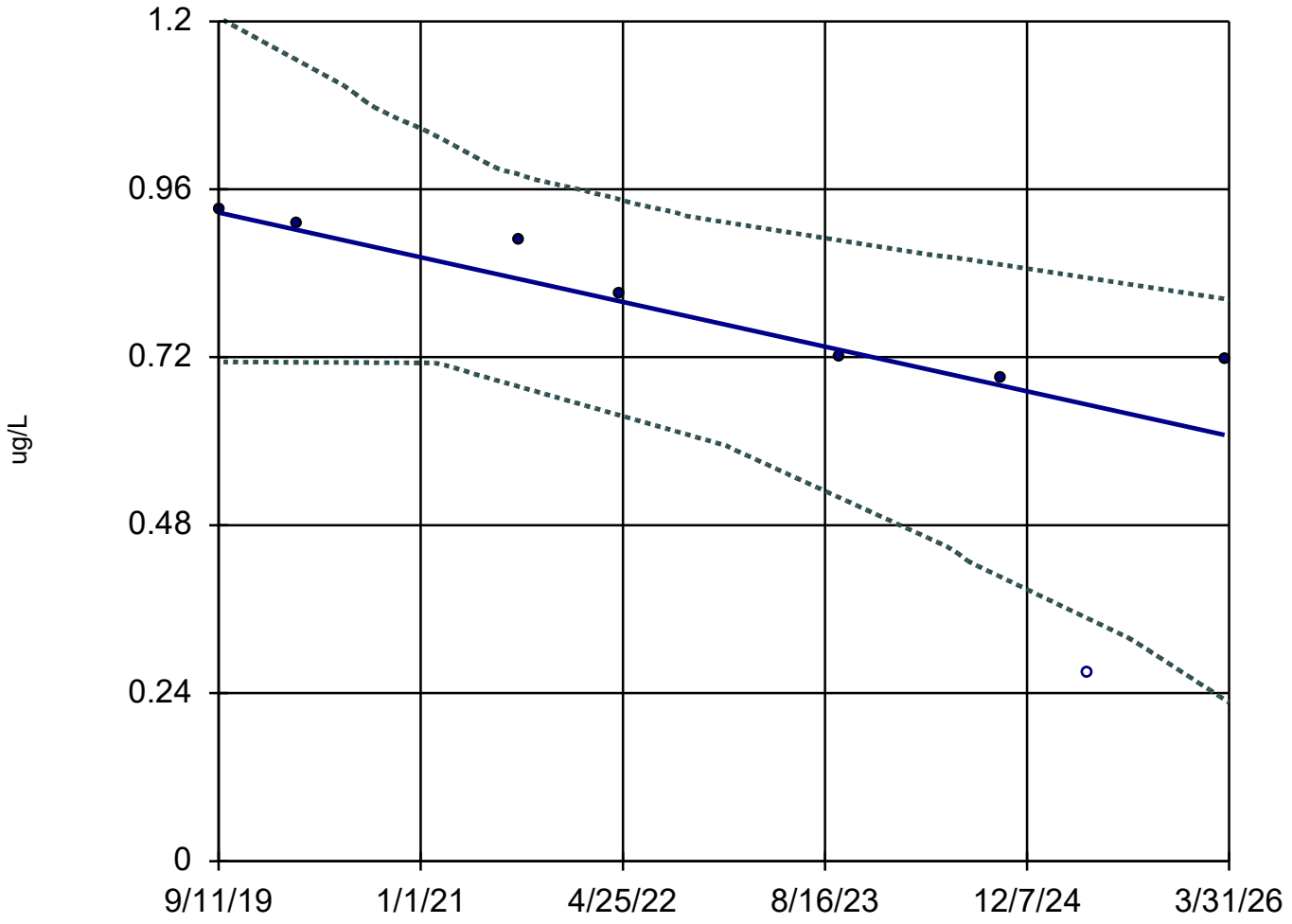
Constituent: Nickel Analysis Run 4/29/2026 3:46 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-29



n = 8

Slope = -0.04865 units per year.

Mann-Kendall statistic = -24
critical = -20

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

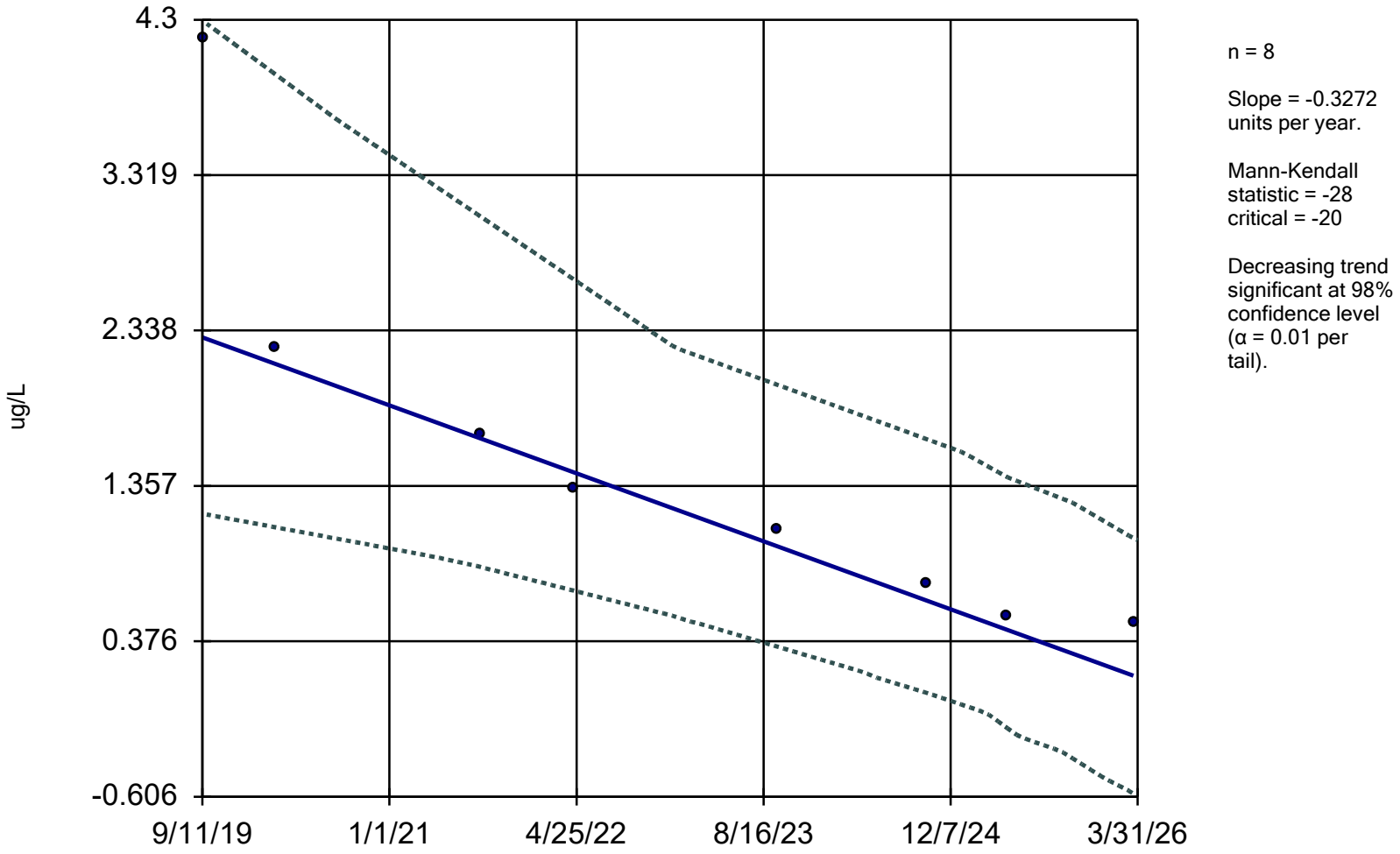
Constituent: trans-1,2-Dichloroethene Analysis Run 4/29/2026 3:49 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-29



n = 8

Slope = -0.3272 units per year.

Mann-Kendall statistic = -28
critical = -20

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Trichloroethene Analysis Run 4/29/2026 3:49 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,1-Dichloroethane (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	**MW-14R**	**1.036**	**23**	**20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
1,1-Dichloroethane (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-29	-0.2077	-14	-20	No	8	0	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-30R	-0.24	-10	-20	No	8	0	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-56	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-58	0	-11	-20	No	8	75	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-68	0.008764	1	13	No	6	16.67	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-69	-0.01199	-1	-13	No	6	0	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	PZ-13	0	1	13	No	6	83.33	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-57R	0.05787	15	20	No	8	37.5	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-68	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-69	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-70	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	PZ-13	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,2-Dichloroethane (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-29	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-68	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-69	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-70	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	PZ-13	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-14R	0.06923	14	20	No	8	62.5	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-29	-0.04683	-12	-20	No	8	0	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-30R	0	7	20	No	8	62.5	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-68	0	3	13	No	6	83.33	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-69	0.0442	5	13	No	6	16.67	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-57R	0	3	20	No	8	75	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-29	0.341	6	20	No	8	0	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,4-Dichlorobenzene (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	GU-3A	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-56	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-29	0	8	20	No	8	62.5	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-56	0	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-58	0	0	13	No	6	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-18	0	1	8	No	4	75	n/a	n/a	0.02	NP
4,4`-DDE (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
4,4`-DDE (ug/L)	MW-29	0	9	17	No	7	71.43	n/a	n/a	0.02	NP
4,4`-DDE (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDE (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-55	0.002385	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-58	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Acetone (ug/L)	GU-3A	-0.02214	-6	-20	No	8	50	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-23 (bg)	0	-13	-20	No	8	75	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-29	0.003282	11	20	No	8	62.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-31R	0	-3	-20	No	8	75	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-32R	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-56	0	-11	-20	No	8	75	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-58	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Acetone (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-57R	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Aldrin (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-18	0	3	17	No	7	57.14	n/a	n/a	0.02	NP
Aldrin (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-29	0	-2	-20	No	8	62.5	n/a	n/a	0.02	NP
Aldrin (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Aldrin (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-58	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-18	0.0004496	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Alpha-BHC (ug/L)	MW-29	-0.0001269	-12	-20	No	8	62.5	n/a	n/a	0.02	NP
Alpha-BHC (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Alpha-BHC (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-58	0.0007946	13	17	No	7	57.14	n/a	n/a	0.02	NP
Alpha-BHC (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Alpha-Chlordane (ug/L)	MW-29	0	-1	-17	No	7	71.43	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-101	0	1	20	No	8	75	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-102	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-103	0	3	20	No	8	75	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-104	0	-5	-13	No	6	83.33	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-105	-0.01376	-9	-13	No	6	66.67	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-106	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-107	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Antimony (mg/L)	GU-3A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-73	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	GU-3A	-0.0005733	-18	-20	No	8	12.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	**MW-14R**	**0.003098**	**22**	**20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Arsenic (mg/L)	MW-18	0	-6	-20	No	8	62.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-23 (bg)	0	5	20	No	8	75	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-28	0.00003693	2	20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	**MW-29**	**0.001229**	**22**	**20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Arsenic (mg/L)	MW-30R	0.000381	6	20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-31R	0.001034	4	20	No	8	12.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-32R	0	4	20	No	8	50	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-33R	-0.0001534	-7	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-39	0.00004076	10	20	No	8	50	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Arsenic (mg/L)	MW-56	-0.0003149	-2	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-58	0.0008109	4	20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-60	0	0	20	No	8	100	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-62	-0.00003235	-5	-20	No	8	25	n/a	n/a	0.02	NP
Arsenic (mg/L)	PZ-13	-0.000007529	-2	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	SW-101	-0.0003934	-9	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	SW-102	-0.0004014	-8	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	SW-103	-0.0001981	-11	-20	No	8	25	n/a	n/a	0.02	NP
Arsenic (mg/L)	SW-106	-0.0002086	-8	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	SW-107	-0.0002784	-4	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-57R	0.00003978	0	20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-73	-0.0001168	-3	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	GU-3A	-0.009153	-14	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	**MW-14R**	**0.03798**	**22**	**20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (mg/L)	MW-18	-0.002761	-16	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-19	-0.0004983	-12	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-23 (bg)	-0.005571	-6	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-24R (bg)	-0.02172	-18	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-28	-0.001035	-8	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	**MW-29**	**-0.1038**	**-22**	**-20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (mg/L)	MW-30R	-0.002423	-4	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-31R	0.02866	6	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-32R	0.0002635	2	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-33R	-0.02387	-15	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-39	0.00408	14	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-55	0.003831	12	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-56	-0.0128	0	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-58	-0.003219	-2	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-57R	-0.06463	-6	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-73	-0.01268	-6	-20	No	8	0	n/a	n/a	0.02	NP
Benzene (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-29	0.1245	9	20	No	8	0	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-30R	-0.03532	-10	-20	No	8	12.5	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-31R	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-55	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-56	-0.01121	-3	-20	No	8	37.5	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-58	-0.1294	-4	-20	No	8	0	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-68	0.7821	9	13	No	6	0	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-69	-0.09456	-5	-13	No	6	16.67	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-70	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Benzene (ug/L)	MW-57R	-0.9918	-10	-20	No	8	12.5	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	GU-3A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-29	0	-3	-20	No	8	87.5	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-30R	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-29	0.00244	12	20	No	8	62.5	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-56	0.00295	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-58	0	0	8	No	4	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Cadmium (mg/L)	GU-3A	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-14R	0	1	20	No	8	75	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-18	0	-5	-20	No	8	75	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-19	0	7	20	No	8	75	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-23 (bg)	0	-3	-20	No	8	75	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-28	0	-4	-20	No	8	62.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-31R	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-32R	0	0	20	No	8	62.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	**MW-33R**	**-0.00007278**	**-24**	**-20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (mg/L)	MW-39	-0.000005555	-9	-20	No	8	37.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-56	0.000002283	12	20	No	8	62.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Cadmium (mg/L)	MW-57R	-0.00007101	-2	-20	No	8	0	n/a	n/a	0.02	NP
Cadmium (mg/L)	**MW-73**	**-0.00007441**	**-22**	**-20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Carbon Disulfide (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-55	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-56	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-101	0	1	20	No	8	37.5	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-102	-2.475	-8	-20	No	8	12.5	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-103	0	-1	-20	No	8	37.5	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-104	-7.003	-9	-13	No	6	66.67	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-105	-0.2186	-1	-13	No	6	0	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-106	0	1	20	No	8	37.5	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-107	0	4	20	No	8	50	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-101	-1.46	-10	-20	No	8	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-102	-0.6936	-3	-17	No	7	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-103	-1.673	-20	-20	No	8	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-104	0.04624	1	13	No	6	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-105	-5.342	-5	-13	No	6	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-106	-1.953	-12	-20	No	8	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-107	0.137	2	20	No	8	0	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-29	0.6564	7	20	No	8	0	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chlorobenzene (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-58	-0.4608	-12	-20	No	8	0	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-57R	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-29	0	-7	-20	No	8	75	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-56	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-58	-0.3081	-18	-20	No	8	12.5	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	GU-3A	0	-13	-20	No	8	75	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-29	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-30R	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-32R	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-57R	0	11	20	No	8	75	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-73	0	5	20	No	8	87.5	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
cis-1,2-Dichloroethene (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	**MW-14R**	**6.724**	**26**	**20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
cis-1,2-Dichloroethene (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-29	-0.7847	-18	-20	No	8	0	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-30R	-5.001	-12	-20	No	8	0	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-31R	0	-3	-20	No	8	87.5	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-68	-0.1055	-12	-20	No	8	0	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-69	-0.9774	-16	-20	No	8	0	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-70	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	PZ-13	0	2	20	No	8	50	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-57R	0.5247	6	20	No	8	12.5	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cobalt (mg/L)	GU-3A	0.0004949	12	20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-14R	0.00005466	7	20	No	8	37.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-18	-0.00003306	-4	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-19	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-23 (bg)	0.00002186	2	20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-28	-5.3e-7	-2	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-29	0.0005366	12	20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-30R	0.00003616	3	20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-31R	0.0003199	10	20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-32R	-0.00002777	-6	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-33R	-0.000337	-15	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-39	0.0004725	7	20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-56	0.00006244	0	20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-58	-0.0002015	-16	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-60	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cobalt (mg/L)	PZ-13	0	9	20	No	8	75	n/a	n/a	0.02	NP
Cobalt (mg/L)	SW-101	-0.00001244	-8	-17	No	7	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	SW-102	-0.00001351	-5	-17	No	7	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	SW-103	-0.0001223	-18	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	SW-106	-0.0000295	-5	-20	No	8	12.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	SW-107	-0.00002977	-6	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-57R	-0.002115	-2	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-73	-0.0001845	-8	-20	No	8	0	n/a	n/a	0.02	NP
Copper (mg/L)	GU-3A	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Copper (mg/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Copper (mg/L)	MW-19	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Copper (mg/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Copper (mg/L)	MW-28	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-29	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Copper (mg/L)	MW-31R	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-32R	0	3	20	No	8	75	n/a	n/a	0.02	NP
Copper (mg/L)	MW-33R	-0.0009994	-13	-20	No	8	25	n/a	n/a	0.02	NP
Copper (mg/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Copper (mg/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Copper (mg/L)	MW-56	0	-2	-20	No	8	62.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-58	0.0001509	12	20	No	8	62.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-57R	0.00007443	2	20	No	8	0	n/a	n/a	0.02	NP
Copper (mg/L)	MW-73	-0.001062	-10	-20	No	8	12.5	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-29	0	4	10	No	5	80	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-31R	0	5	17	No	7	71.43	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-55	0	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-58	0	5	13	No	6	66.67	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-14R	-0.01014	-5	-17	No	7	14.29	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-18	0	0	8	No	4	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-29	0	0	8	No	4	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-30R	-0.07541	-12	-20	No	8	50	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-56	0	-13	-20	No	8	75	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-58	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-14R	0.002456	13	17	No	7	57.14	n/a	n/a	0.02	NP
Endosulfan I (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-29	0.0003851	12	20	No	8	62.5	n/a	n/a	0.02	NP
Endosulfan I (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endosulfan I (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Endosulfan I (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-56	0.002216	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-58	0	3	13	No	6	66.67	n/a	n/a	0.02	NP
Endosulfan I (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-14R	0	0	13	No	6	100	n/a	n/a	0.02	NP
Endosulfan II (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP
Endosulfan II (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endosulfan II (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-55	0	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-58	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Ethylbenzene (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Gamma-BHC [Lindane] (ug/L)	MW-14R	0	0	13	No	6	100	n/a	n/a	0.02	NP
Gamma-BHC [Lindane] (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-29	0	-3	-13	No	6	66.67	n/a	n/a	0.02	NP
Gamma-BHC [Lindane] (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Gamma-BHC [Lindane] (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Gamma-BHC [Lindane] (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-33R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Gamma-BHC [Lindane] (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-58	0	0	13	No	6	100	n/a	n/a	0.02	NP
Gamma-BHC [Lindane] (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-18	0.001533	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-29	0.001339	11	17	No	7	71.43	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-58	0	0	13	No	6	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-28	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-29	0.001579	12	17	No	7	42.86	n/a	n/a	0.02	NP
Heptachlor Epoxide (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Heptachlor Epoxide (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-58	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Iron, Dissolved (mg/L)	SW-101	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Iron, Dissolved (mg/L)	SW-102	0	0	20	No	8	100	n/a	n/a	0.02	NP
Iron, Dissolved (mg/L)	SW-103	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Iron, Dissolved (mg/L)	SW-104	0	1	13	No	6	83.33	n/a	n/a	0.02	NP
Iron, Dissolved (mg/L)	SW-105	0	1	13	No	6	83.33	n/a	n/a	0.02	NP
Iron, Dissolved (mg/L)	SW-106	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Iron, Dissolved (mg/L)	SW-107	0	0	20	No	8	100	n/a	n/a	0.02	NP
Lead (mg/L)	GU-3A	0	-13	-20	No	8	75	n/a	n/a	0.02	NP
Lead (mg/L)	MW-14R	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-18	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-19	0	-7	-20	No	8	75	n/a	n/a	0.02	NP
Lead (mg/L)	MW-23 (bg)	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-24R (bg)	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-28	0	-3	-20	No	8	75	n/a	n/a	0.02	NP
Lead (mg/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Lead (mg/L)	MW-30R	-0.00002293	-9	-20	No	8	37.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-31R	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-32R	-0.0000424	-4	-20	No	8	0	n/a	n/a	0.02	NP
Lead (mg/L)	MW-33R	-0.0003183	-17	-20	No	8	25	n/a	n/a	0.02	NP
Lead (mg/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Lead (mg/L)	MW-55	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-56	0	-1	-20	No	8	75	n/a	n/a	0.02	NP
Lead (mg/L)	MW-58	-0.000001456	-1	-20	No	8	25	n/a	n/a	0.02	NP
Lead (mg/L)	MW-57R	0.000003844	1	20	No	8	25	n/a	n/a	0.02	NP
Lead (mg/L)	**MW-73**	**-0.0004608**	**-22**	**-20**	**Yes**	**8**	**12.5**	**n/a**	**n/a**	**0.02**	**NP**
Mercury (mg/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-18	0	0	10	No	5	80	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-19	0	-1	-8	No	4	75	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-28	0	-1	-8	No	4	75	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-29	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-30R	-0.000005918	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-31R	-0.000001534	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-56	-0.000005889	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-58	-0.00000235	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Nickel (mg/L)	GU-3A	0.00151	14	20	No	8	12.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-14R	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-18	-0.0001433	-14	-20	No	8	12.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-23 (bg)	-0.000005739	-3	-20	No	8	37.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Nickel (mg/L)	**MW-29**	**-0.005285**	**-22**	**-20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Nickel (mg/L)	MW-30R	-0.0002073	-2	-20	No	8	0	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-31R	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-32R	0	-1	-20	No	8	75	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-33R	-0.000144	-10	-20	No	8	0	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-39	-0.001091	-12	-20	No	8	0	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-55	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-56	0.0007287	4	20	No	8	0	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-58	-0.002004	-7	-20	No	8	0	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-57R	-0.004143	-6	-20	No	8	0	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-73	-0.001089	-6	-20	No	8	0	n/a	n/a	0.02	NP
Nitrate as N (mg/L)	SW-105	0	0	13	No	6	50	n/a	n/a	0.02	NP
Nitrate as N (mg/L)	SW-107	0.3109	2	20	No	8	0	n/a	n/a	0.02	NP
Selenium (mg/L)	GU-3A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-24R (bg)	0.00001324	2	20	No	8	12.5	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Selenium (mg/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-56	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-58	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-29	0	-3	-20	No	8	87.5	n/a	n/a	0.02	NP
Silver (mg/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-56	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Silver (mg/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-14R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-23 (bg)	0.3235	3	8	No	4	75	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-24R (bg)	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-29	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-30R	0	-1	-17	No	7	57.14	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-31R	0	-7	-17	No	7	71.43	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-32R	0	-4	-17	No	7	85.71	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-55	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-58	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Tetrachloroethene (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Tetrachloroethene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-68	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-69	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-70	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	PZ-13	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	GU-3A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-18	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-19	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-28	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-30R	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-32R	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-73	0	-3	-20	No	8	87.5	n/a	n/a	0.02	NP
Tin (mg/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-18	0	0	8	No	4	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-24R (bg)	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-29	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-30R	0	-11	-20	No	8	75	n/a	n/a	0.02	NP
Tin (mg/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-56	0	0	17	No	7	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-58	0	0	8	No	4	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Tin (mg/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-29	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-55	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Toluene (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-14R	0.1605	18	20	No	8	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-24R (bg)	0.004685	0	20	No	8	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-29	-2.191	-16	-20	No	8	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-30R	-0.0791	-5	-20	No	8	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-31R	0.05549	13	20	No	8	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-32R	0.01454	2	20	No	8	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-33R	0.03956	8	20	No	8	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-70	-0.06061	-18	-20	No	8	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-57R	-0.9621	-10	-20	No	8	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-73	0.2508	8	20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	GU-3A	-37.27	-18	-20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-14R	1.858	10	20	No	8	12.5	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-18	-0.2106	-4	-20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-19	-0.03832	-4	-20	No	8	12.5	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-23 (bg)	0.02284	10	20	No	8	50	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-24R (bg)	-0.1557	-11	-20	No	8	25	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-28	-0.1597	-3	-20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-29	1.785	10	20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-30R	-0.6516	-6	-20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-31R	-0.9785	-8	-20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-32R	0.9596	2	20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-33R	-20.18	-16	-20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-39	0	-2	-20	No	8	50	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-55	-0.3836	-5	-20	No	8	25	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-56	-1.911	-4	-20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-58	1.213	6	20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-60	-0.2546	-8	-20	No	8	12.5	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Total Suspended Solids (mg/L)	MW-62	-0.06013	0	20	No	8	12.5	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-68	0.2964	6	20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-69	0.4918	10	20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-70	-0.1634	-7	-20	No	8	25	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	PZ-13	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	SW-101	1.133	11	17	No	7	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	SW-102	2.952	5	17	No	7	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	SW-103	-7.262	-19	-20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	SW-106	-0.8351	-4	-20	No	8	12.5	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	SW-107	-0.06842	0	20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-57R	-0.2374	0	20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-73	-10.67	-16	-20	No	8	0	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-14R	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	**MW-29**	**-0.04865**	**-24**	**-20**	**Yes**	**8**	**12.5**	**n/a**	**n/a**	**0.02**	**NP**
trans-1,2-Dichloroethene (ug/L)	MW-30R	-0.00899	-2	-20	No	8	0	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-56	0	-4	-20	No	8	50	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-68	-0.001095	-6	-20	No	8	50	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-69	0	11	20	No	8	75	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-70	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	PZ-13	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-57R	0.1602	8	20	No	8	12.5	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-14R	-0.3431	-4	-20	No	8	0	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	**MW-29**	**-0.3272**	**-28**	**-20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Trichloroethene (ug/L)	MW-30R	-0.1709	-10	-20	No	8	0	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:58 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Trichloroethene (ug/L)	MW-68	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-69	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-70	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	PZ-13	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-57R	0.13	7	20	No	8	37.5	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	GU-3A	0	-13	-20	No	8	75	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-23 (bg)	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-24R (bg)	0.00008186	18	20	No	8	62.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-30R	-0.0003034	-6	-20	No	8	12.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-31R	0	7	20	No	8	75	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-32R	-0.000129	-6	-20	No	8	12.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-33R	0.00006125	7	20	No	8	25	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-56	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-57R	0.0006206	14	20	No	8	0	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-73	-0.00001407	-1	-20	No	8	25	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-14R	0.5851	15	20	No	8	37.5	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-29	-0.185	-10	-20	No	8	0	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-30R	-0.5304	-8	-20	No	8	0	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-68	0.0009895	6	20	No	8	50	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-69	0.2757	16	20	No	8	12.5	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-70	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	PZ-13	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-57R	0.1058	8	20	No	8	0	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-73	0	11	20	No	8	75	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	GU-3A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-14R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-18	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 3:58 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Xylenes, total (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-24R (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-28	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-29	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-31R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-32R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-33R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-55	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-56	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-58	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-73	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	GU-3A	-0.001338	0	20	No	8	12.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-14R	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-18	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-19	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-23 (bg)	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-24R (bg)	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-28	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-29	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-30R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-31R	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-32R	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-33R	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-39	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-55	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-56	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-58	-0.001352	-8	-20	No	8	0	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-57R	0.0001856	6	20	No	8	50	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-73	0.0001684	3	20	No	8	25	n/a	n/a	0.02	NP

This page intentionally left blank.

Attachment 2

Long-Term Trend Mann-Kendall Summary Table

This page intentionally left blank

Attachment 2: Long-Term Mann-Kendall Summary

Well	Constituent	95% Confidence Level (α = 0.025 per tail)			98% Confidence Level (α = 0.01 per tail)		
		Mann-Kendall Statistic for Increasing Trend	Mann-Kendall Statistic for Stable Trend	Mann-Kendall Statistic for Decreasing Trend	Mann-Kendall Statistic for Increasing Trend	Mann-Kendall Statistic for Stable Trend	Mann-Kendall Statistic for Decreasing Trend
MW-14R	1,1-Dichloroethane	79			79		
	Acetone			-50		-7	
	Arsenic		42			42	
	Barium	83			83		
	Cadmium			-56		-10	
	cis-1,2-Dichloroethene	92			92		
	Total Organic Carbon		19			19	
	Trichloroethene		26			26	
	Vinyl Chloride		43		60		
MW-28	Arsenic		-42			-42	
MW-29	1,1-Dichloroethane			-61			-61
	1,2-Dichloropropane			-66			-66
	1,4-Dichlorobenzene	46				46	
	4,4'-DDD		-6			-13	
	Aldrin		4			-3	
	Alpha-BHC		8			-22	
	Arsenic		-18			-18	
	Barium			-92			-92
	Benzene		17			17	
	Beta-BHC		-6			-14	
	Chlorobenzene	97			97		
	cis-1,2-Dichloroethene		-30			-30	
	Cobalt		6			6	
	Endosulfan II			-24		-15	
	Nickel			-72			-72
	Total Organic Carbon		2			2	
	trans-1,2-Dichloroethene			-54			-54
	Trichloroethene			-91			-91
	Vinyl Chloride		-34			-34	

Attachment 2: Long-Term Mann-Kendall Summary

Well	Constituent	95% Confidence Level (α = 0.025 per tail)			98% Confidence Level (α = 0.01 per tail)		
		Mann-Kendall Statistic for Increasing Trend	Mann-Kendall Statistic for Stable Trend	Mann-Kendall Statistic for Decreasing Trend	Mann-Kendall Statistic for Increasing Trend	Mann-Kendall Statistic for Stable Trend	Mann-Kendall Statistic for Decreasing Trend
MW-30R	1,1-Dichloroethane			-62			-62
	1,1-Dichloroethene		-7			28	
	Arsenic		-34			-34	
	Barium		-33			-33	
	Benzene			-74			-74
	cis-1,2-Dichloroethene			-61			-61
	Cobalt		5			5	
	Total Organic Carbon		10			10	
	trans-1,2-Dichloroethene			-60			-60
	Trichloroethene		-39			-39	
	Vinyl Chloride			-58			-58
MW-31R	Arsenic		34			29	
	Barium		-4			-4	
	Cobalt		15			15	
	Total Organic Carbon		-10			-10	
MW-32R	Total Organic Carbon		-14			-14	
MW-33R	Arsenic			-48		-48	
	Barium		-1			-1	
	Cadmium			-75			-75
	Cobalt			-63			-63
	Total Organic Carbon	32				32	
MW-39	Cobalt		-17			-17	
	Nickel			-86			-86
MW-55	1,2-Dichloroethane		-45			0	
	Acetone		-36			5	
	Barium			-56			-56
	Benzene		-41			3	

Attachment 2: Long-Term Mann-Kendall Summary

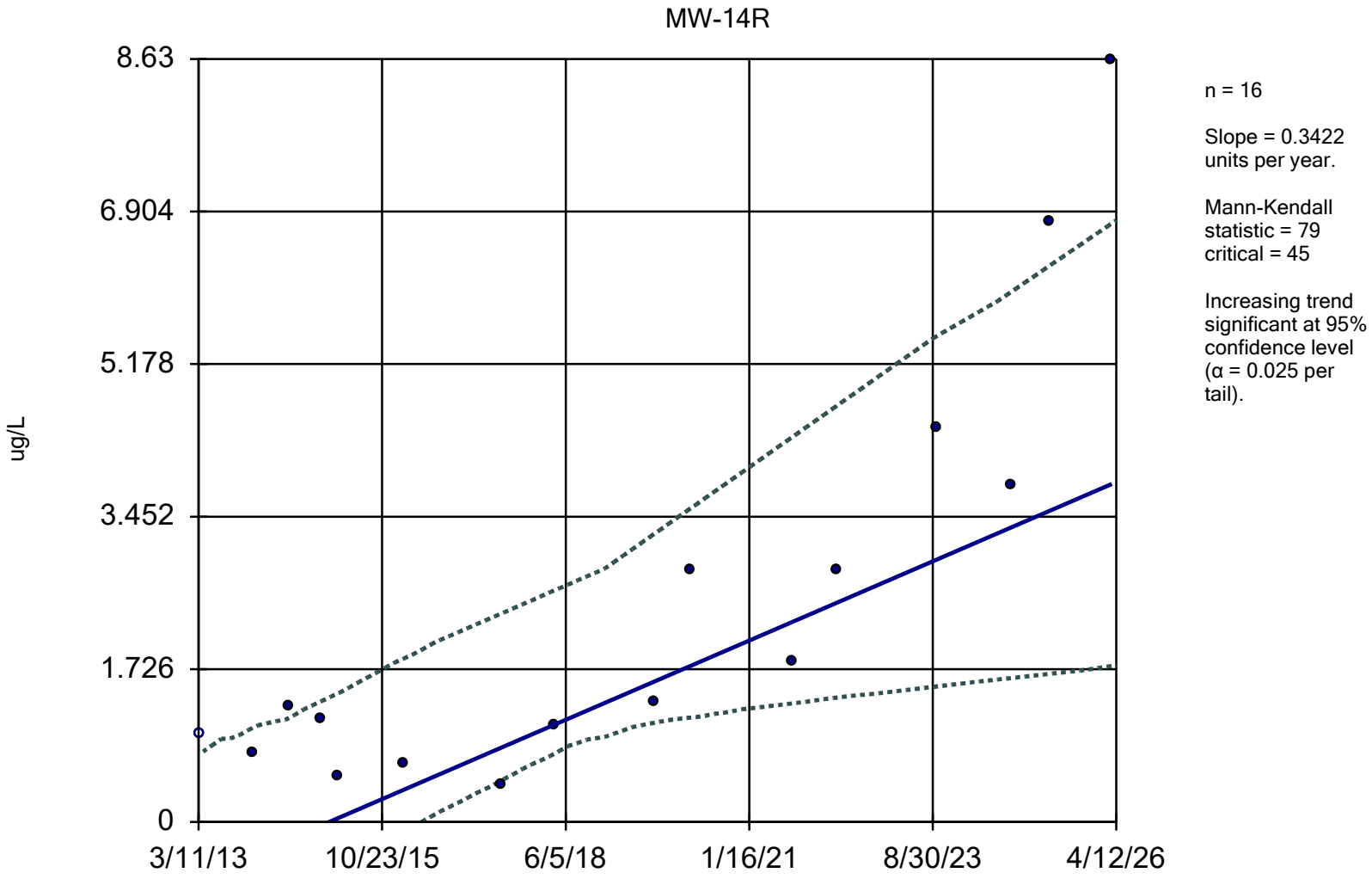
Well	Constituent	95% Confidence Level (α = 0.025 per tail)			98% Confidence Level (α = 0.01 per tail)		
		Mann-Kendall Statistic for Increasing Trend	Mann-Kendall Statistic for Stable Trend	Mann-Kendall Statistic for Decreasing Trend	Mann-Kendall Statistic for Increasing Trend	Mann-Kendall Statistic for Stable Trend	Mann-Kendall Statistic for Decreasing Trend
MW-56	Acetone		-32			5	
	Arsenic		32			32	
	Barium		-4			-4	
	Benzene		-13			-13	
	Chloroethane		-23			16	
	Cobalt		10			10	
	Dichlorodifluoromethane		-22			6	
	Nickel			-66			-66
	trans-1,2-Dichloroethene		-25			6	
MW-57R	Arsenic		-3			-3	
	Barium		-21			-21	
	Benzene		7			7	
	Cadmium		17			17	
	cis-1,2-Dichloroethene		9			9	
	Cobalt		-3			-3	
	Lead		3			0	
	Nickel		-17			-17	
	Total Organic Carbon		-19			-19	
	trans-1,2-Dichloroethene		8			26	
	Trichloroethene		-2			22	
	Vinyl Chloride		17			17	
MW-58	Acetone		-44			10	
	Arsenic		44			44	
	Barium		22			22	
	Benzene		34			34	
	Chlorobenzene		40			40	
	Chloroethane			-73		-4	
	Copper		-30			19	
	Nickel		-30			-30	

Attachment 2: Long-Term Mann-Kendall Summary

Well	Constituent	95% Confidence Level (α = 0.025 per tail)			98% Confidence Level (α = 0.01 per tail)		
		Mann-Kendall Statistic for Increasing Trend	Mann-Kendall Statistic for Stable Trend	Mann-Kendall Statistic for Decreasing Trend	Mann-Kendall Statistic for Increasing Trend	Mann-Kendall Statistic for Stable Trend	Mann-Kendall Statistic for Decreasing Trend
MW-68	Benzene		9			9	
	cis-1,2-Dichloroethene		-28			-28	
	Trichloroethene		-28				-49
MW-69	Benzene		-5			-5	
	1,1-Dichloroethane		-1			-1	
	cis-1,2-Dichloroethene			-53			-53
	Trichloroethene			-52			-49
	Vinyl Chloride	48			48		
MW-70	Total Organic Carbon		31			31	
MW-73	Total Organic Carbon		11			11	

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



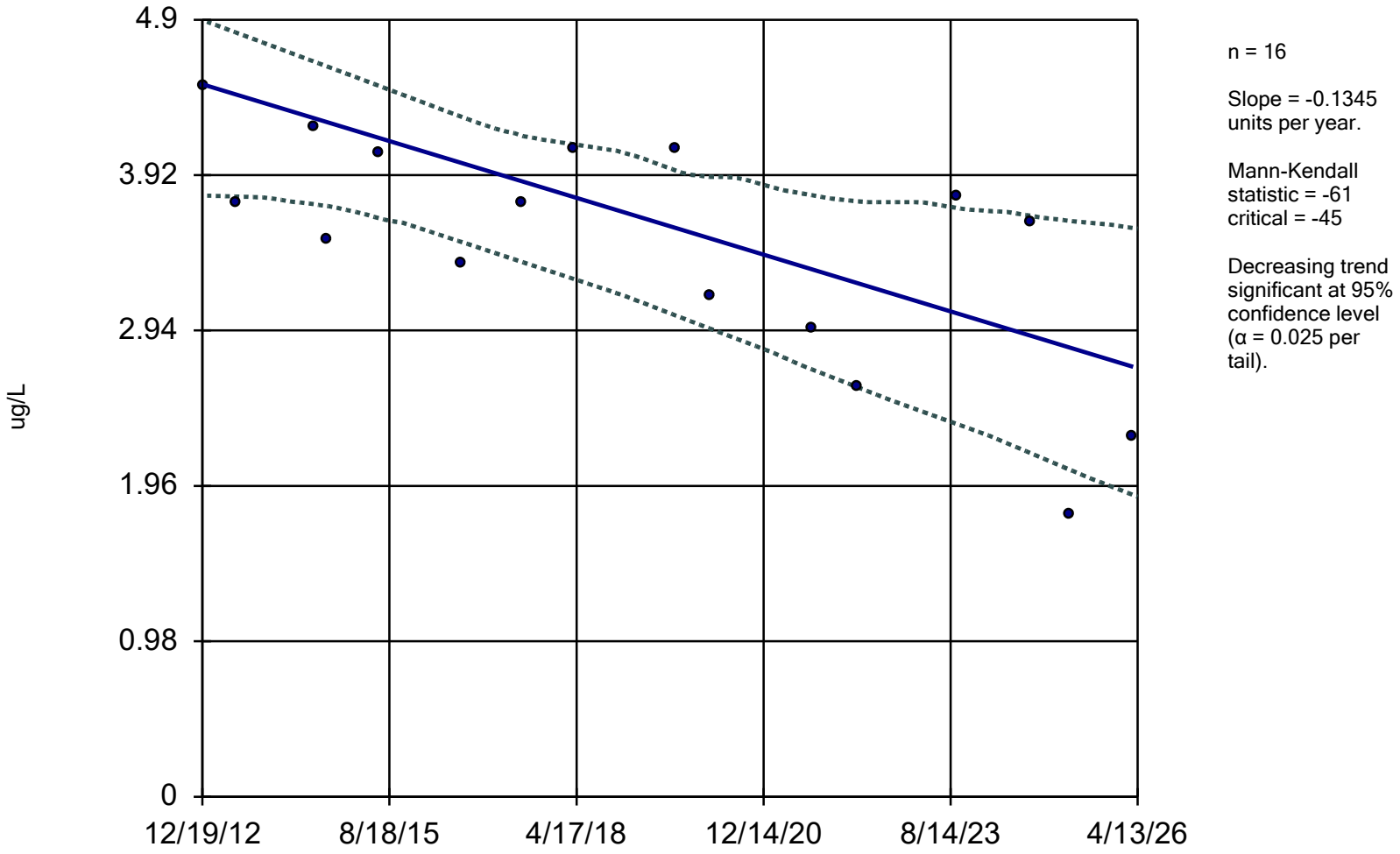
Constituent: 1,1-Dichloroethane Analysis Run 8/19/2026 12:59 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-29



n = 16

Slope = -0.1345 units per year.

Mann-Kendall statistic = -61
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

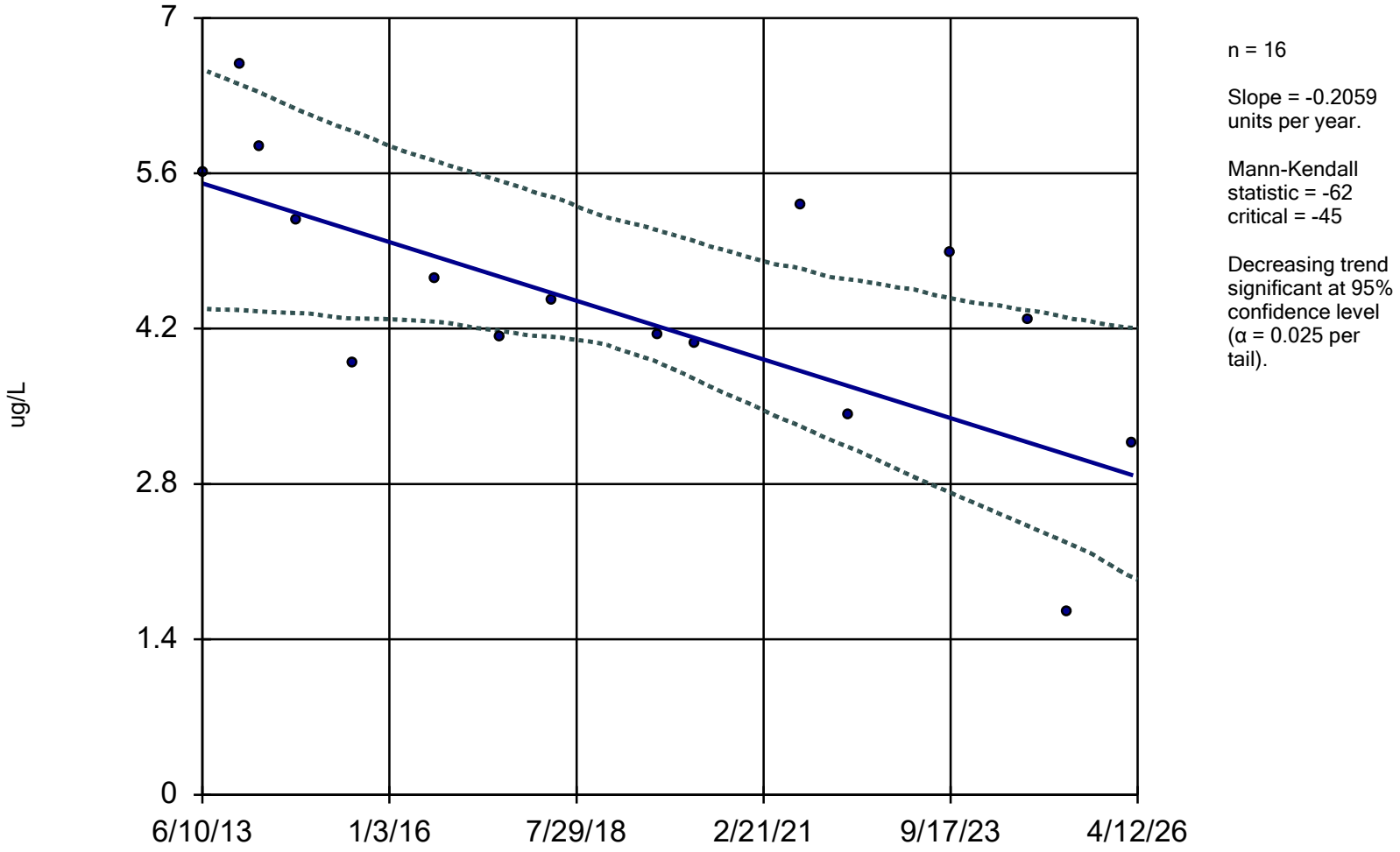
Constituent: 1,1-Dichloroethane Analysis Run 8/19/2026 12:59 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-30R



n = 16

Slope = -0.2059 units per year.

Mann-Kendall statistic = -62
critical = -45

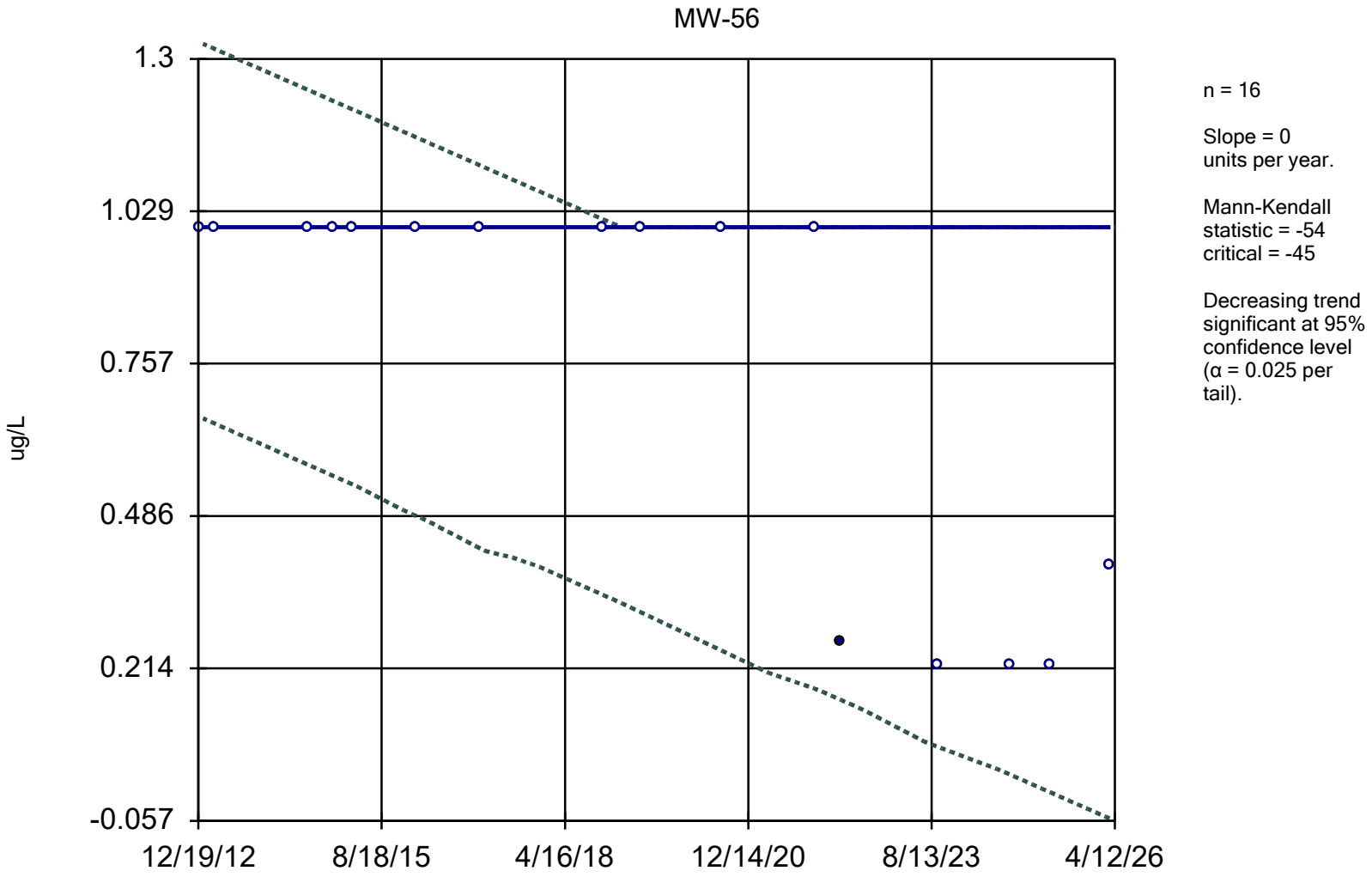
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: 1,1-Dichloroethane Analysis Run 8/19/2026 12:59 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



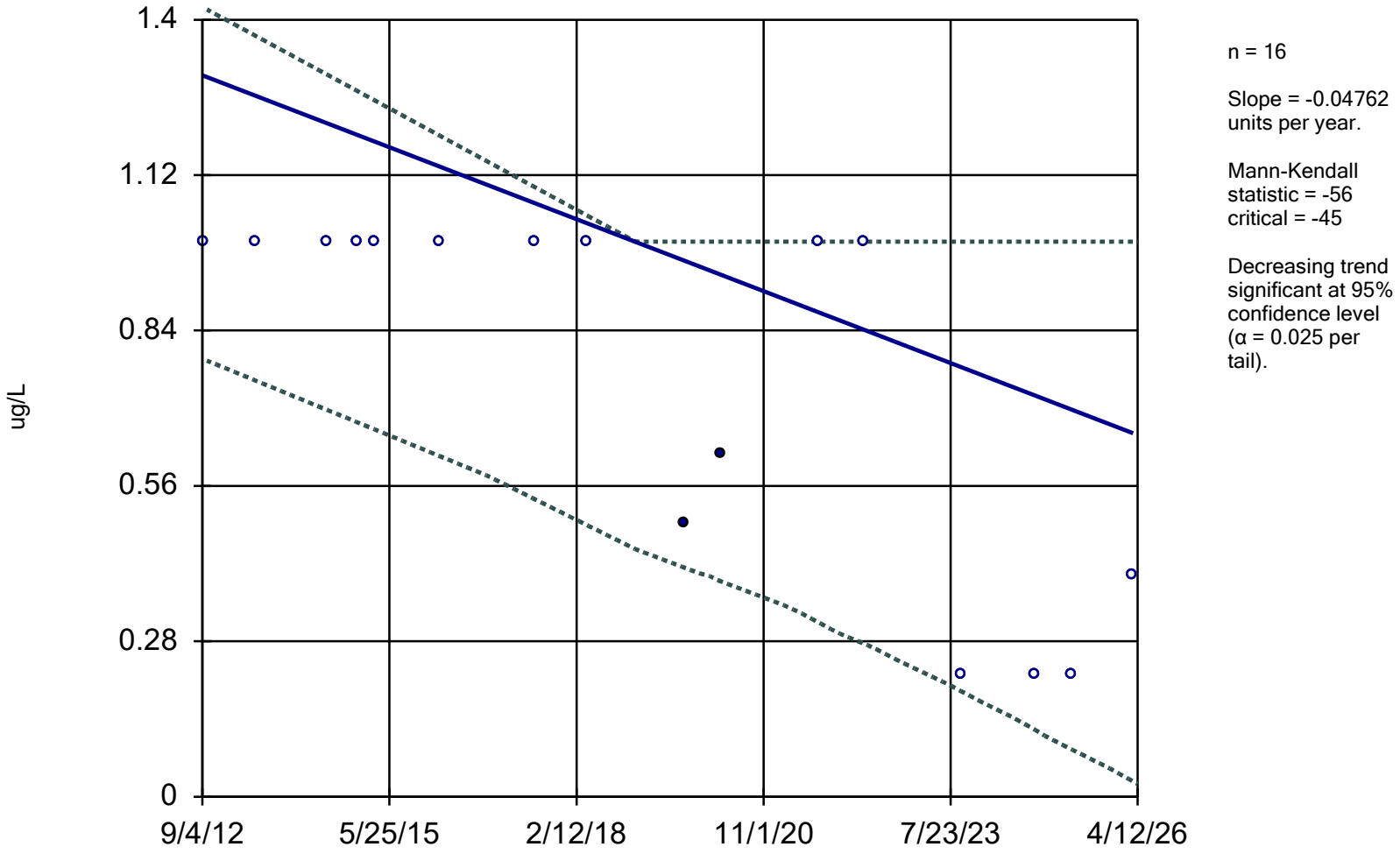
Constituent: 1,1-Dichloroethane Analysis Run 8/19/2026 12:59 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-58



n = 16

Slope = -0.04762 units per year.

Mann-Kendall statistic = -56
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

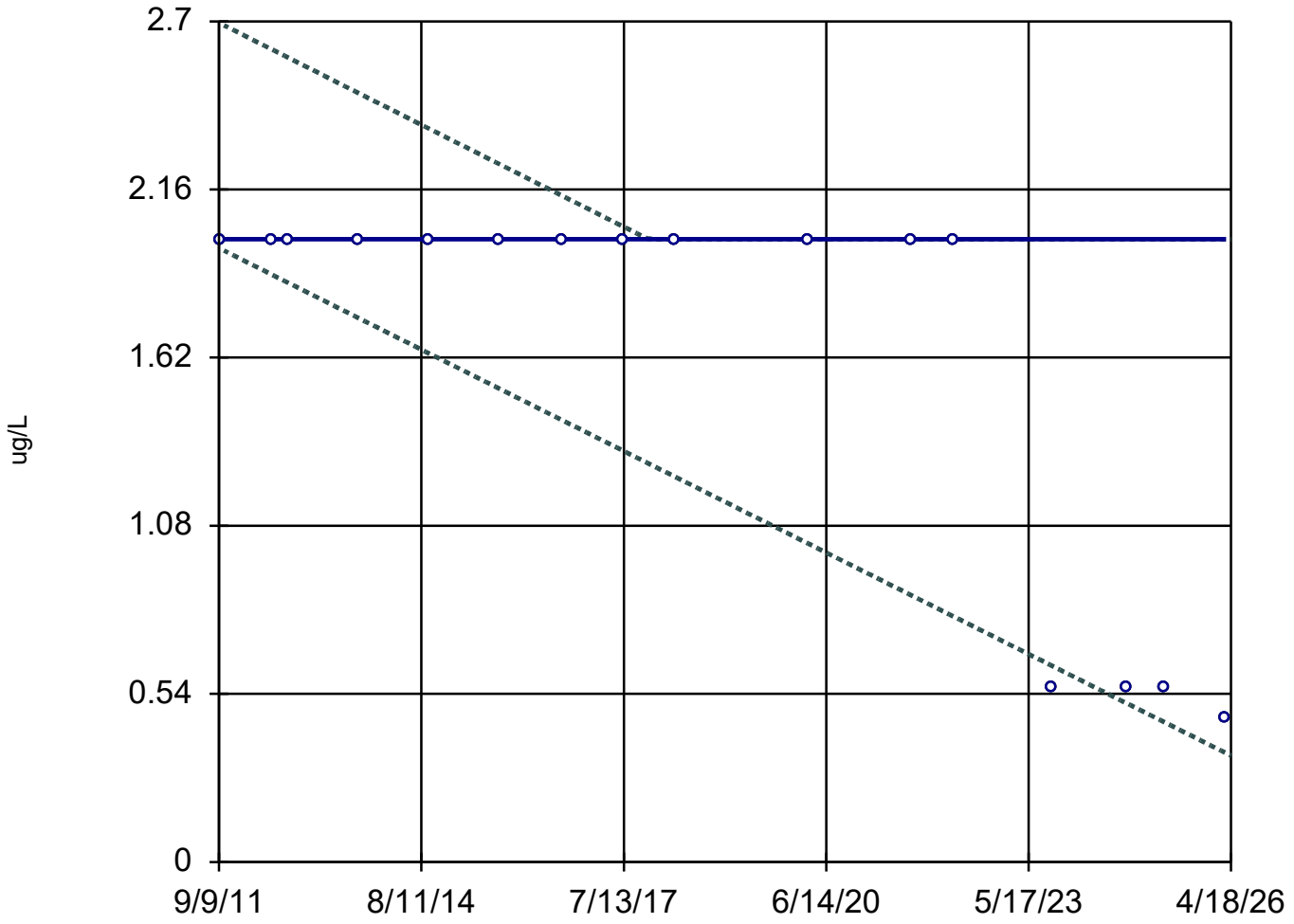
Constituent: 1,1-Dichloroethane Analysis Run 8/19/2026 12:59 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

GU-3A



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -51
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

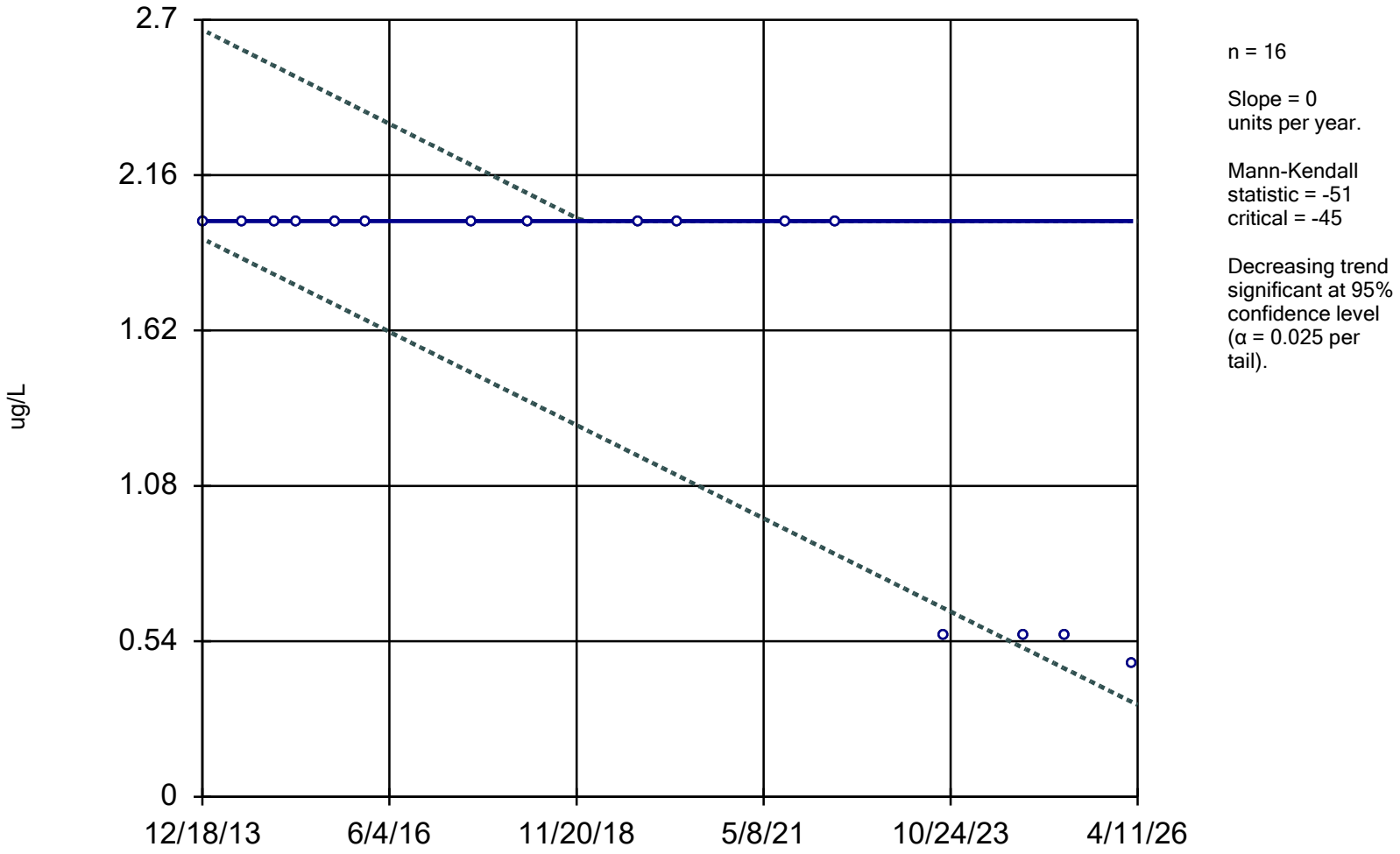
Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 12:59 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-14R



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -51
critical = -45

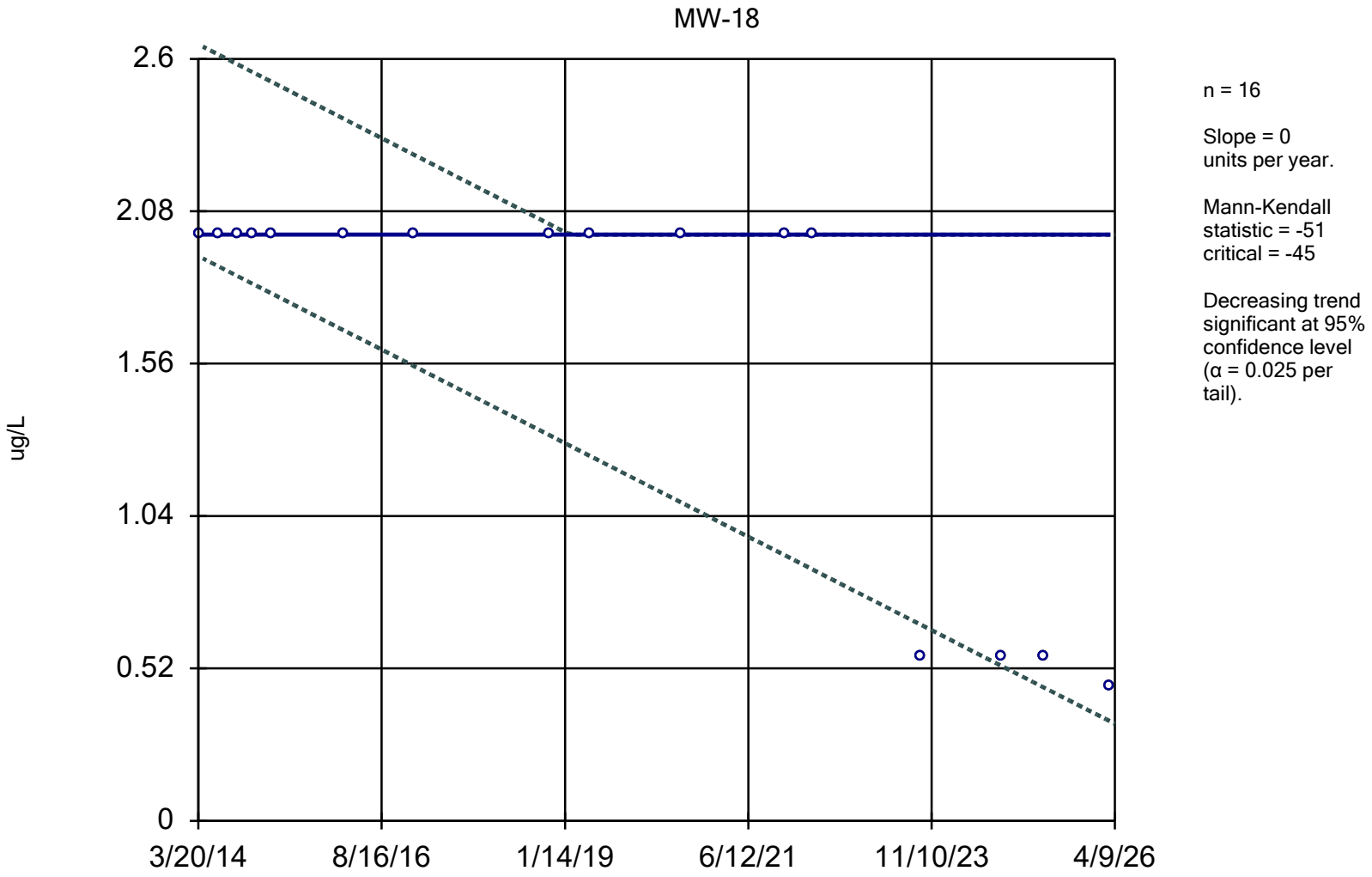
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 12:59 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



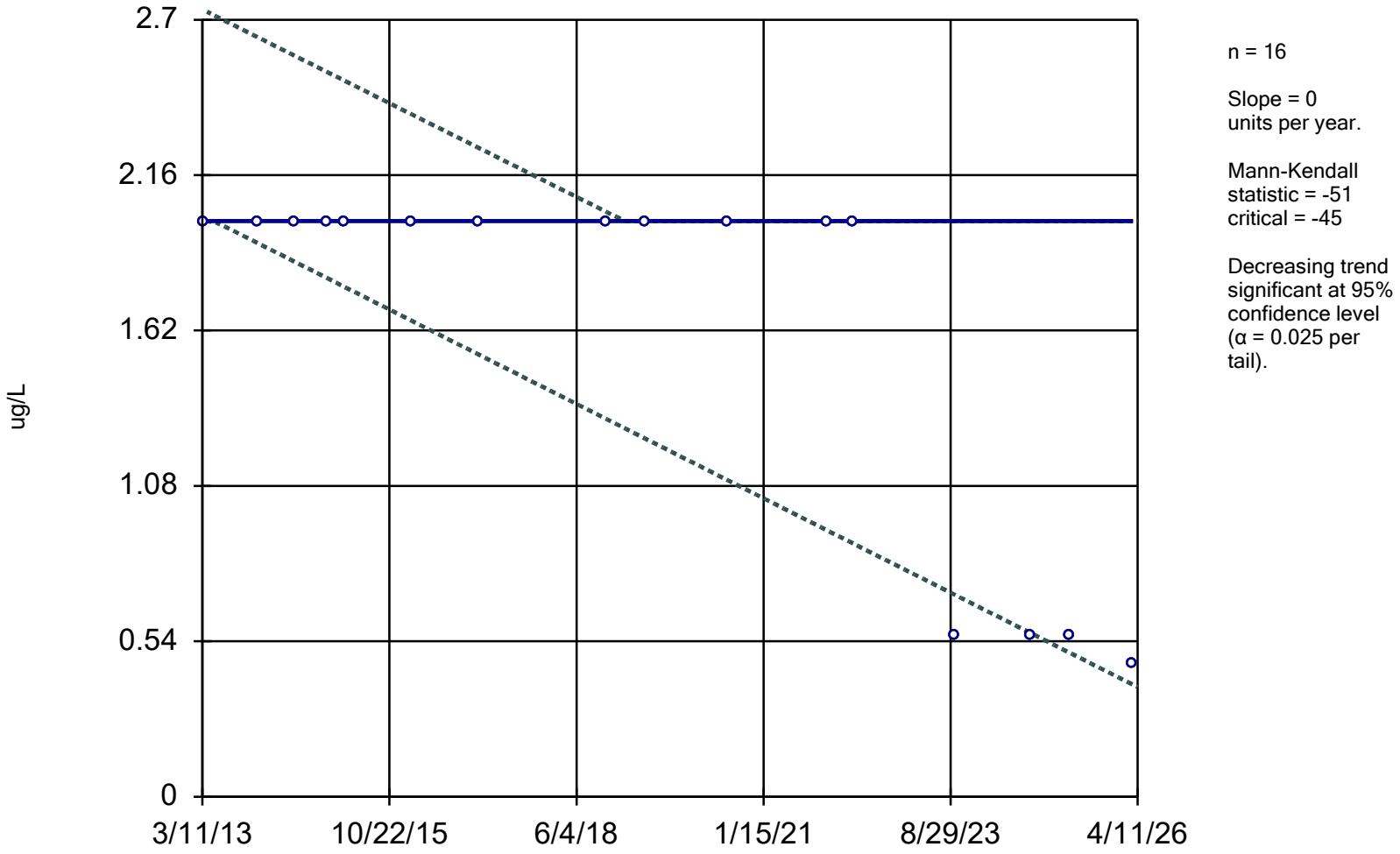
Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 12:59 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-19



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -51
critical = -45

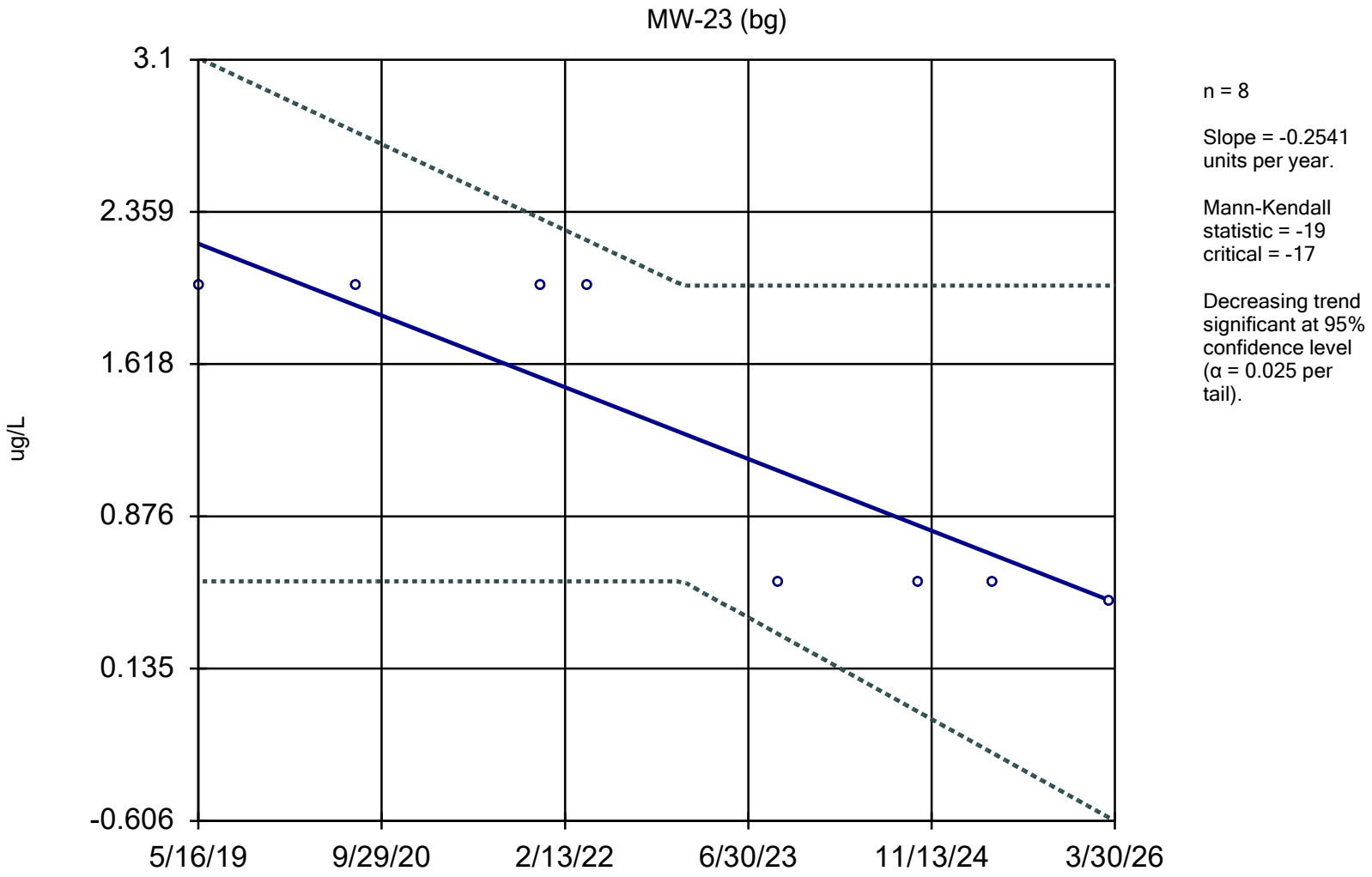
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 1:00 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

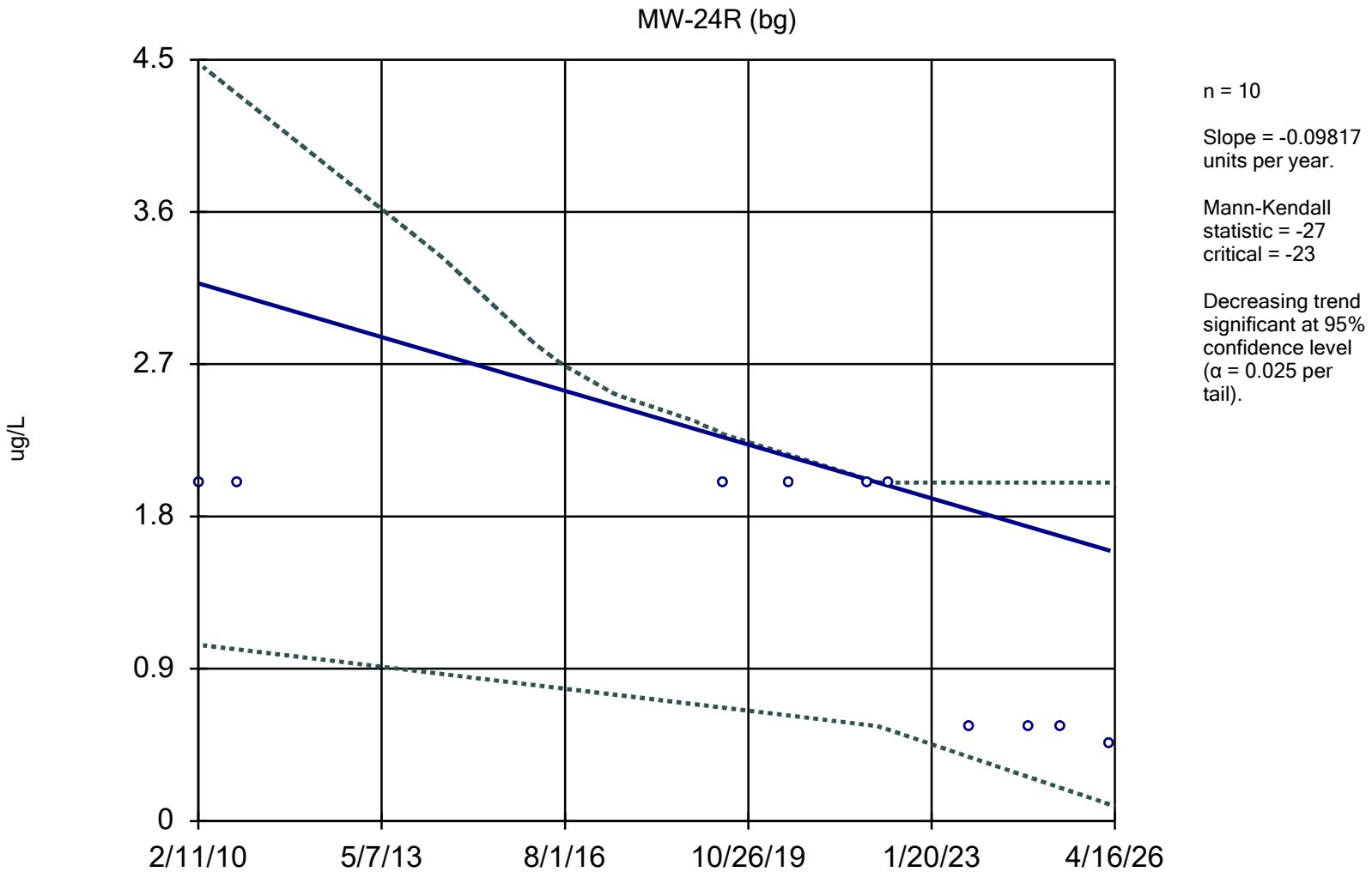


Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 1:00 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



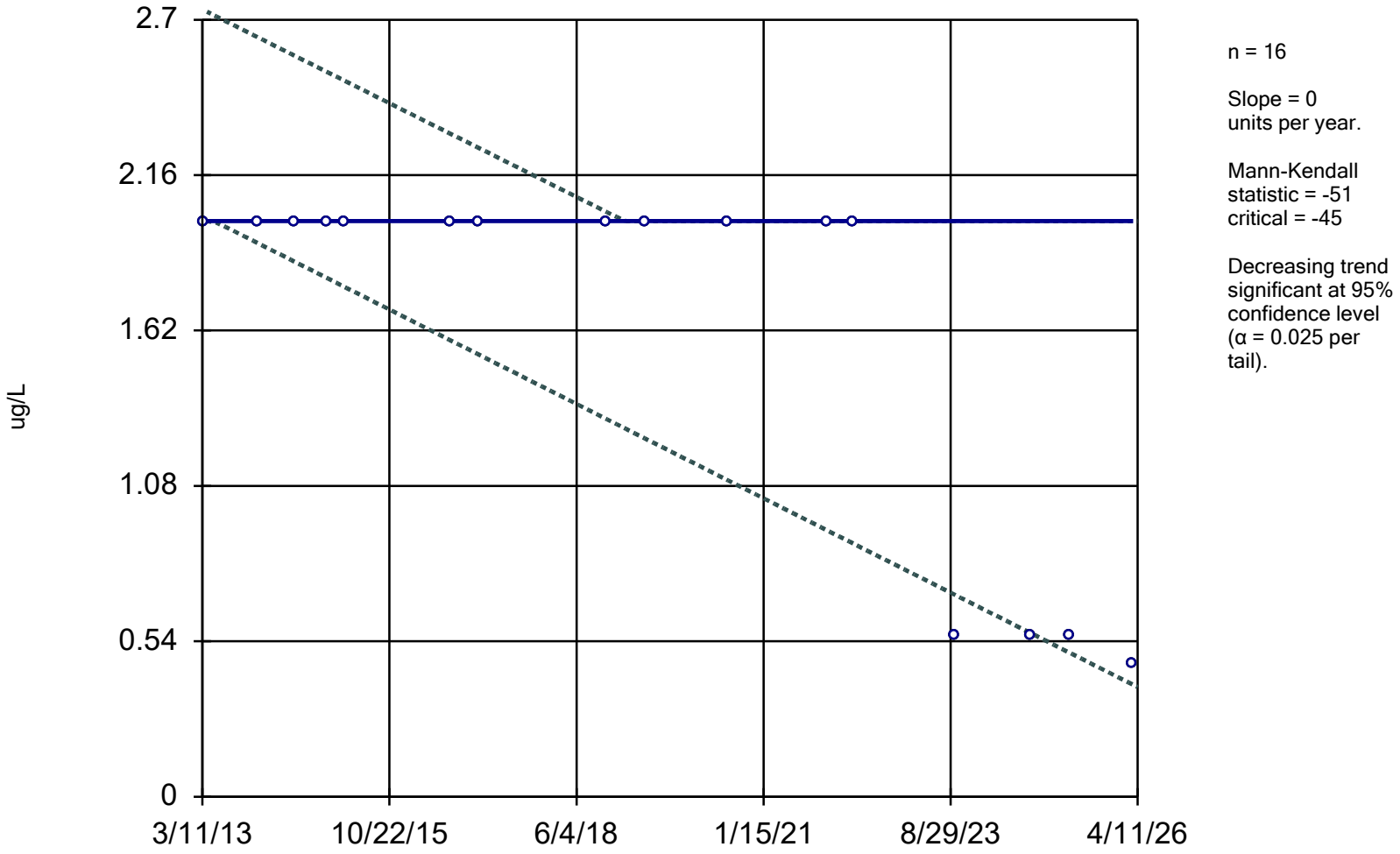
Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 1:00 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-28



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -51
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

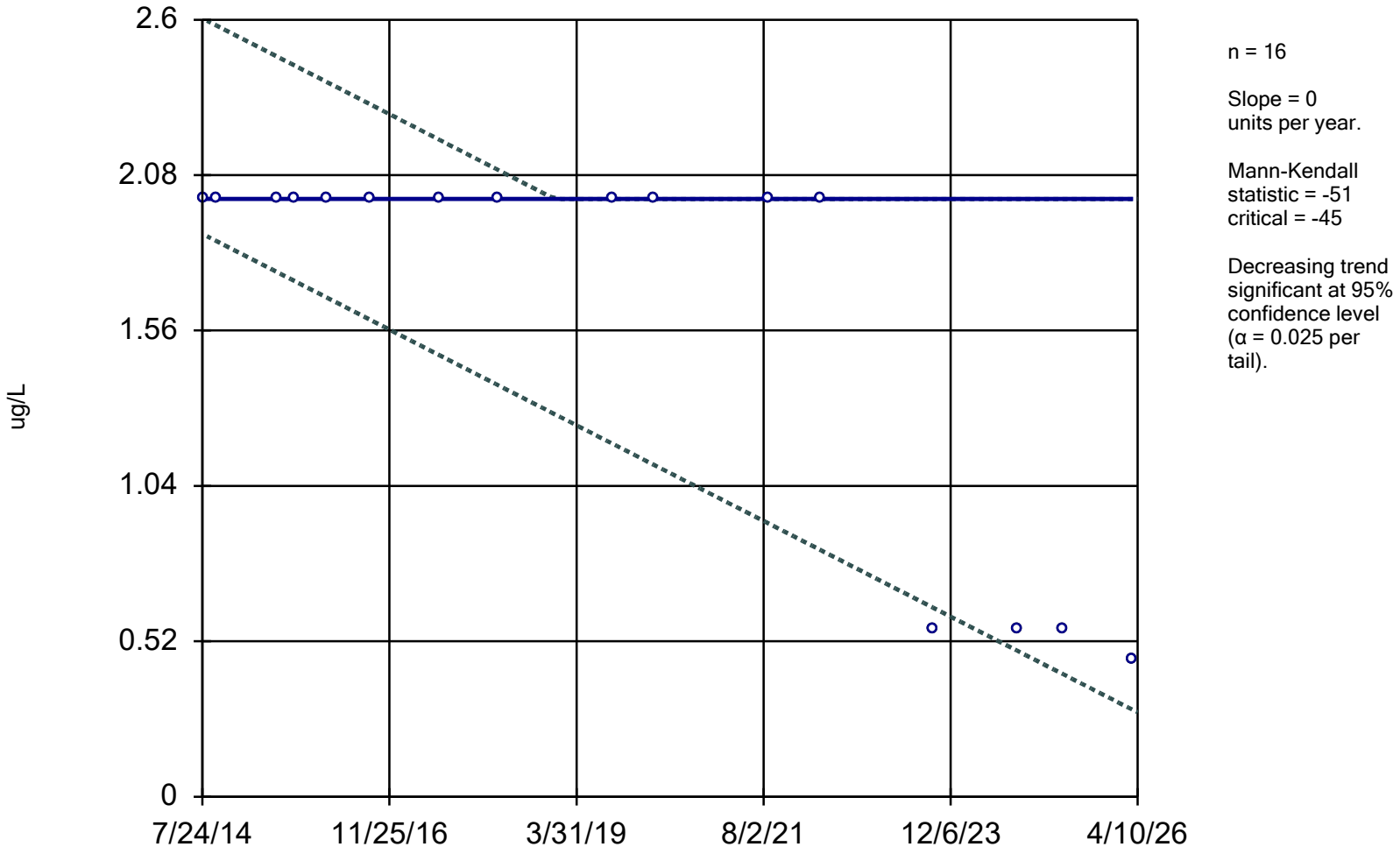
Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 1:00 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-29



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -51
critical = -45

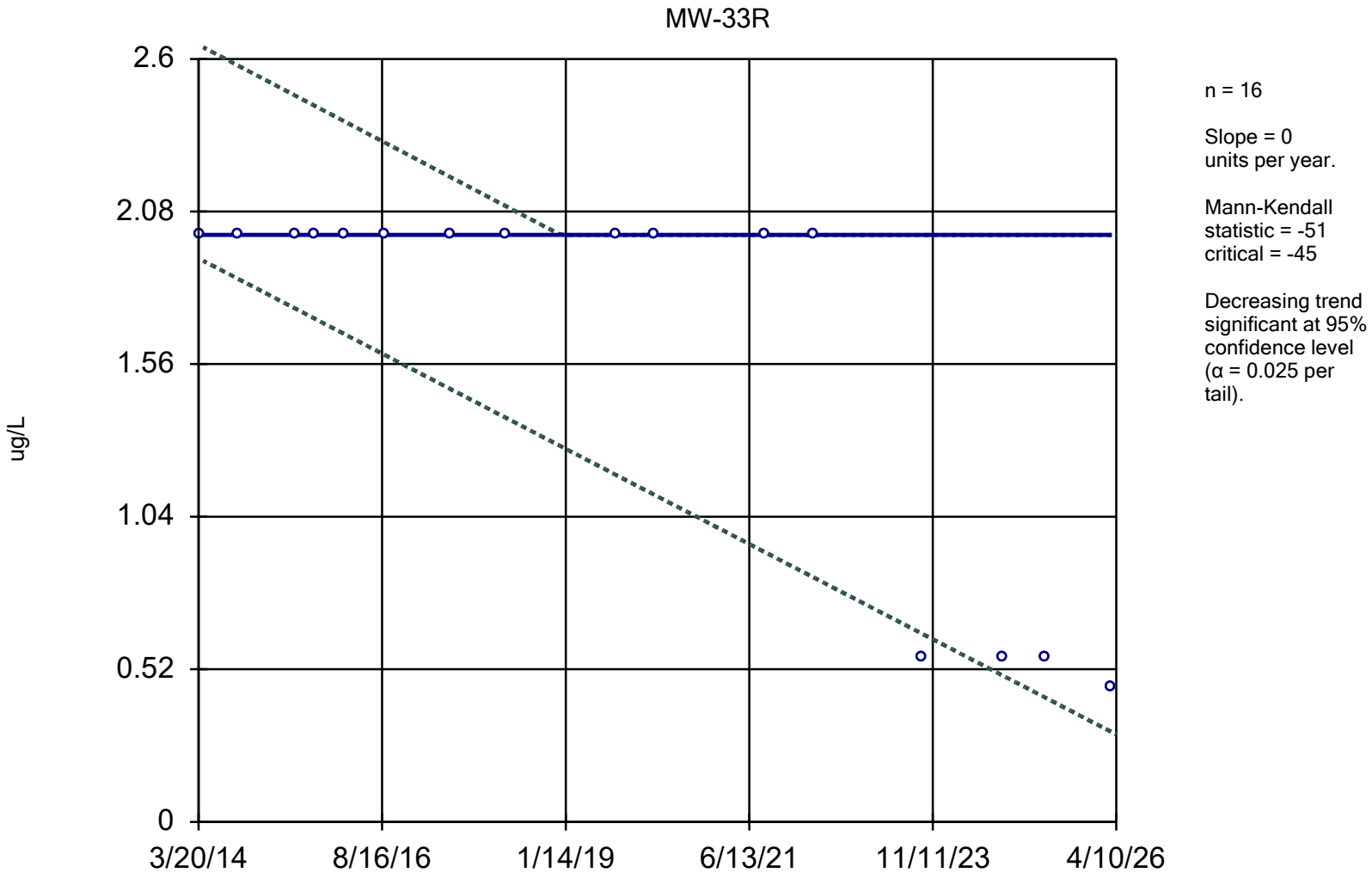
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 1:00 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



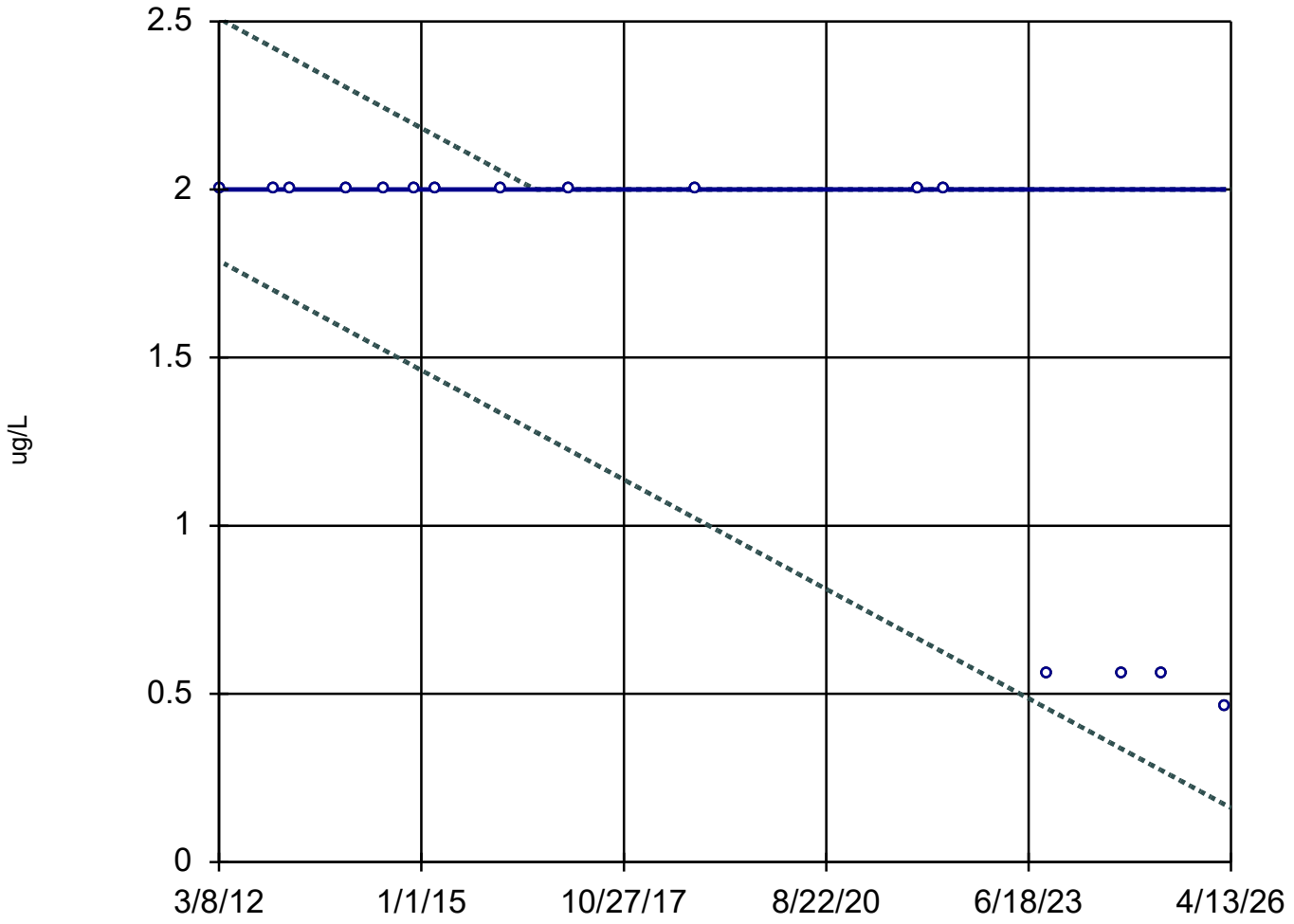
Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 1:00 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-39



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -51
critical = -45

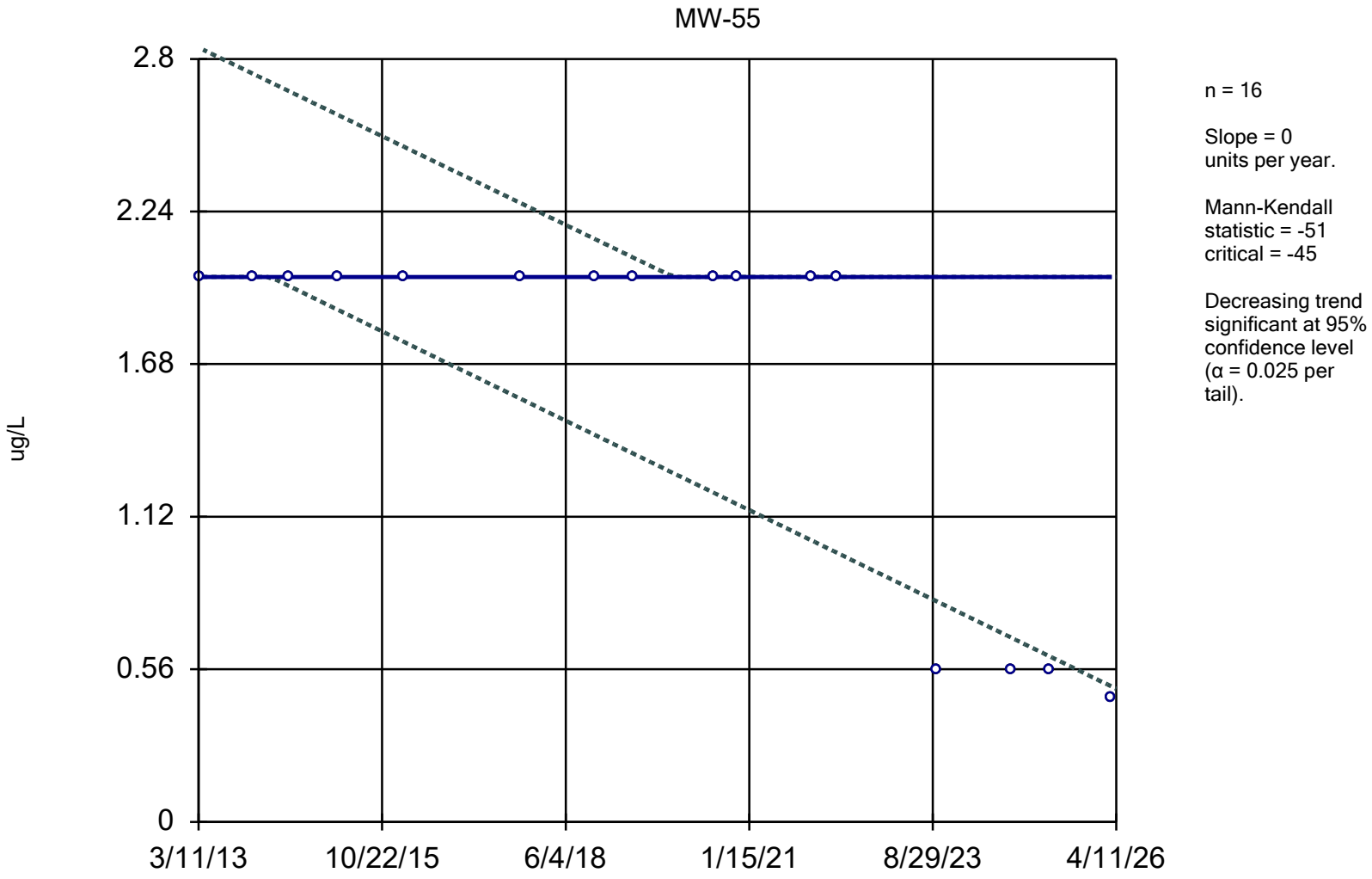
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 1:00 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

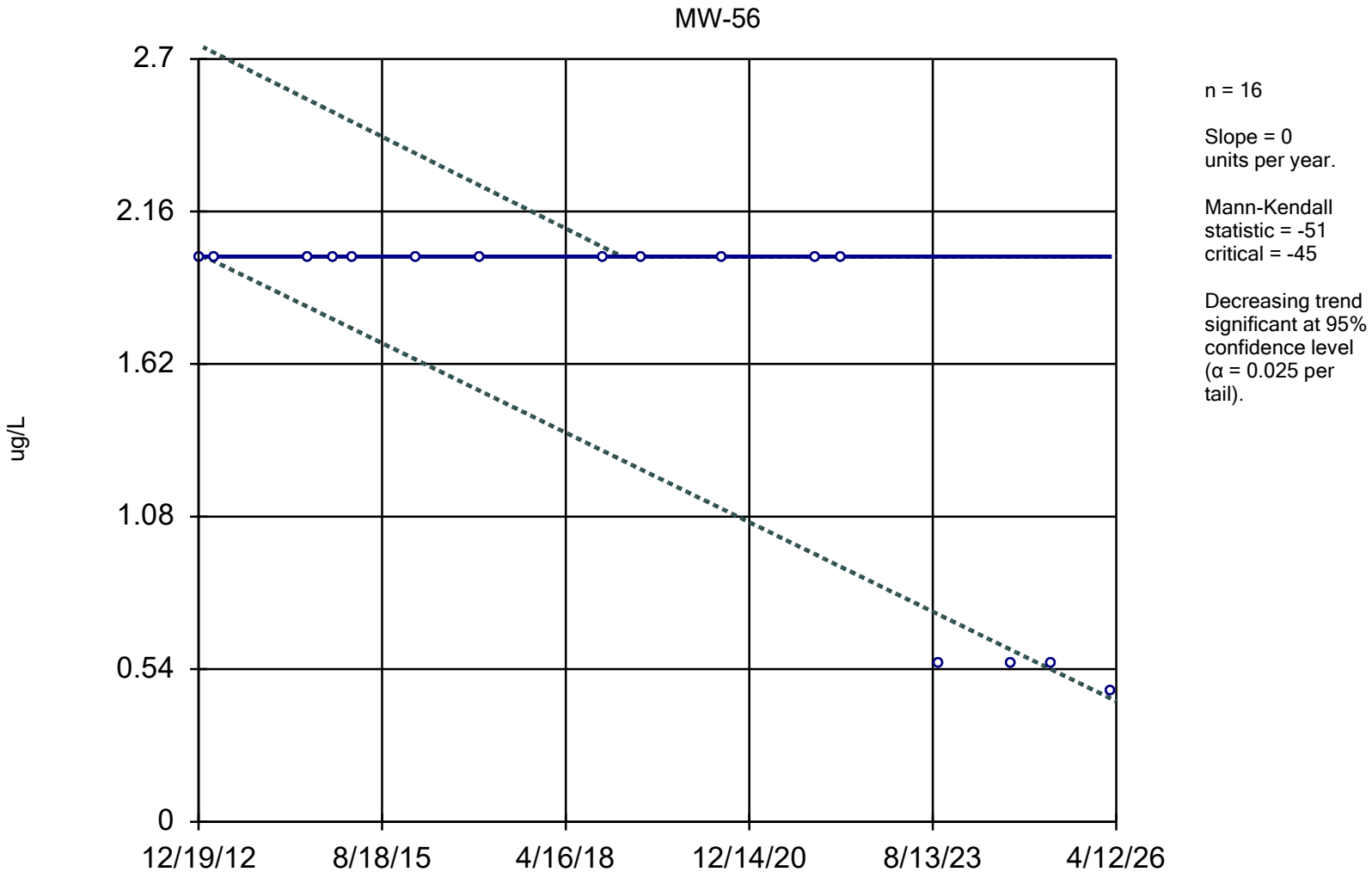


Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 1:00 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



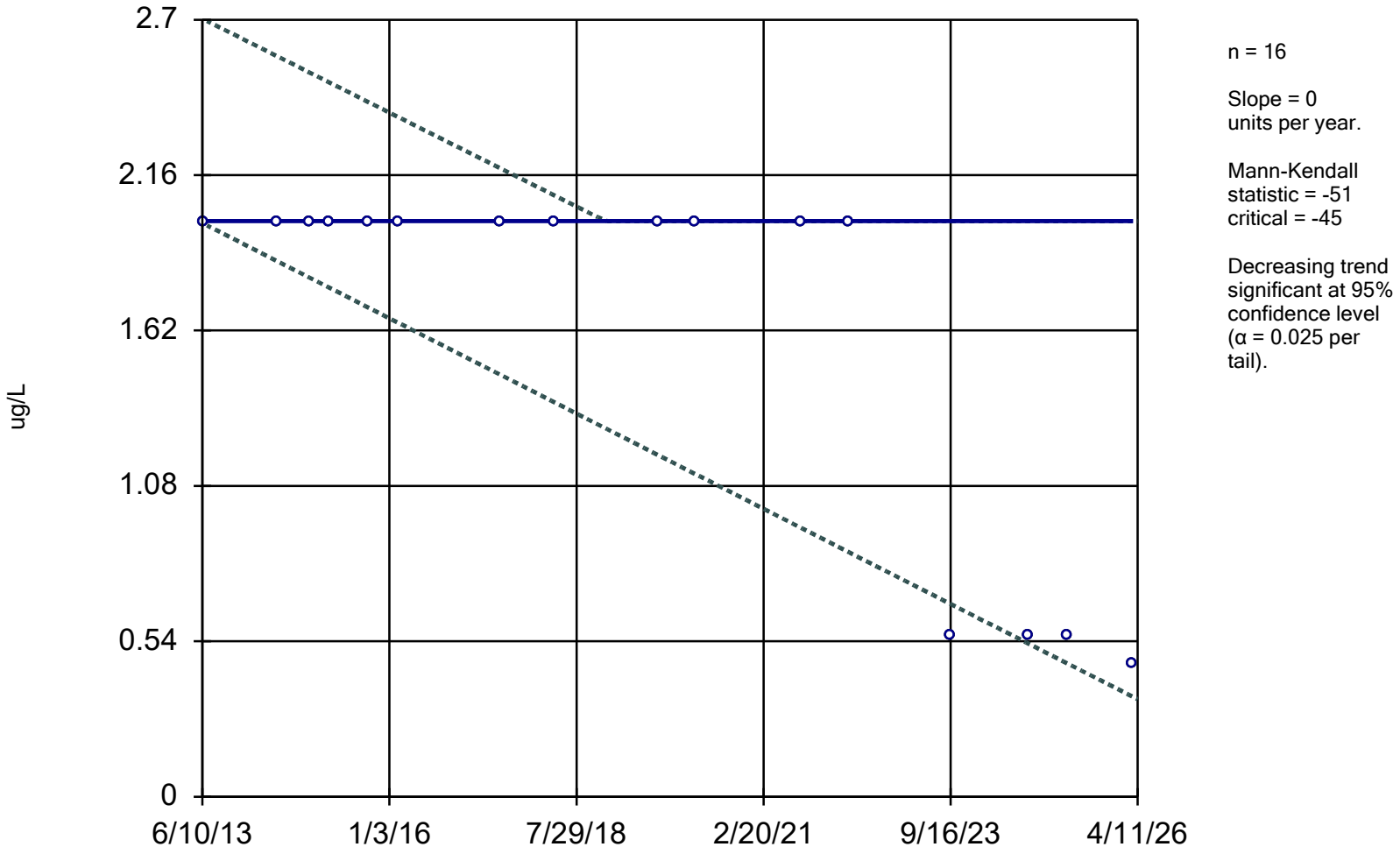
Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 1:00 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-58



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -51
critical = -45

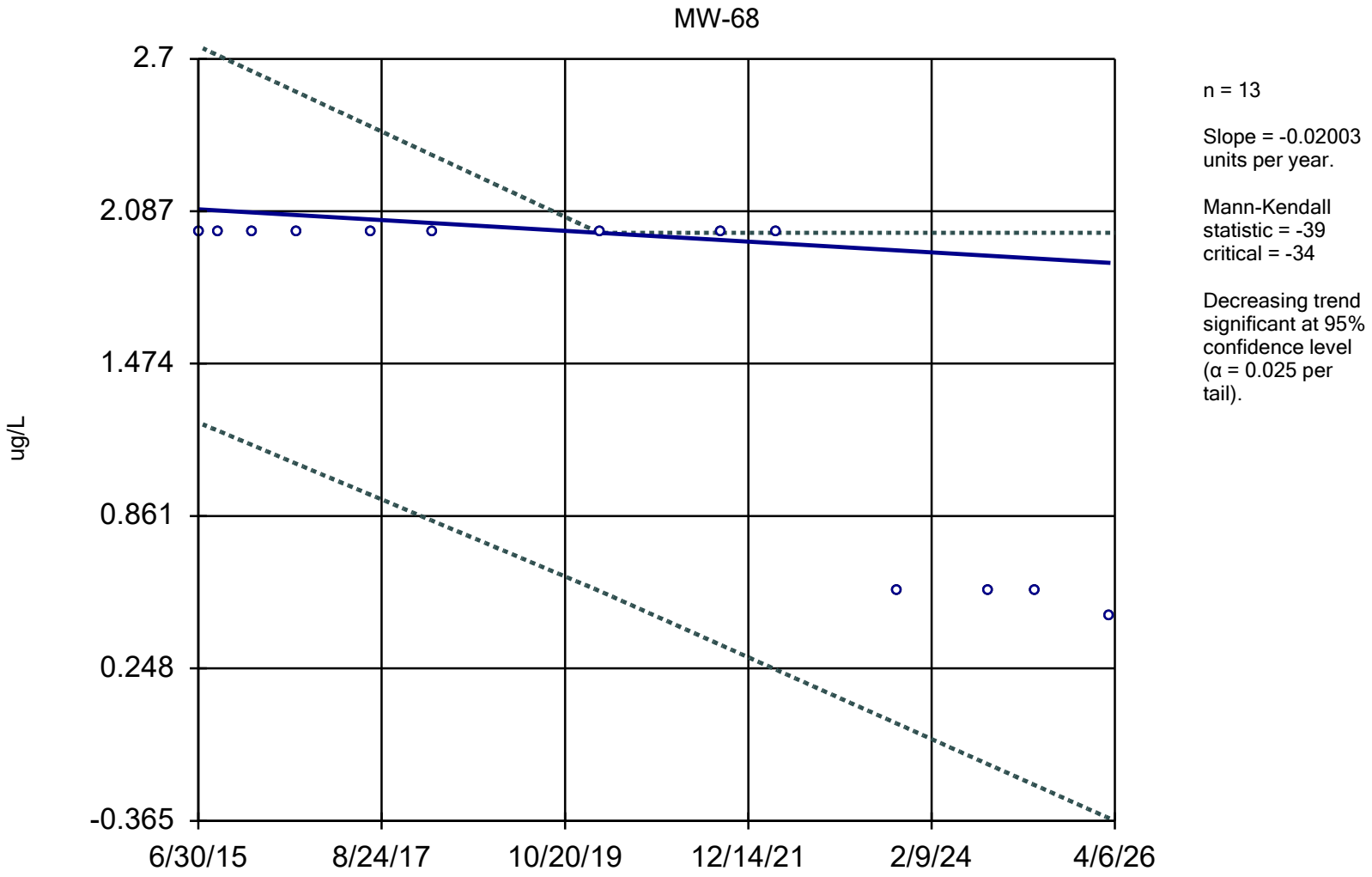
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 1:00 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 13

Slope = -0.02003 units per year.

Mann-Kendall statistic = -39
critical = -34

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

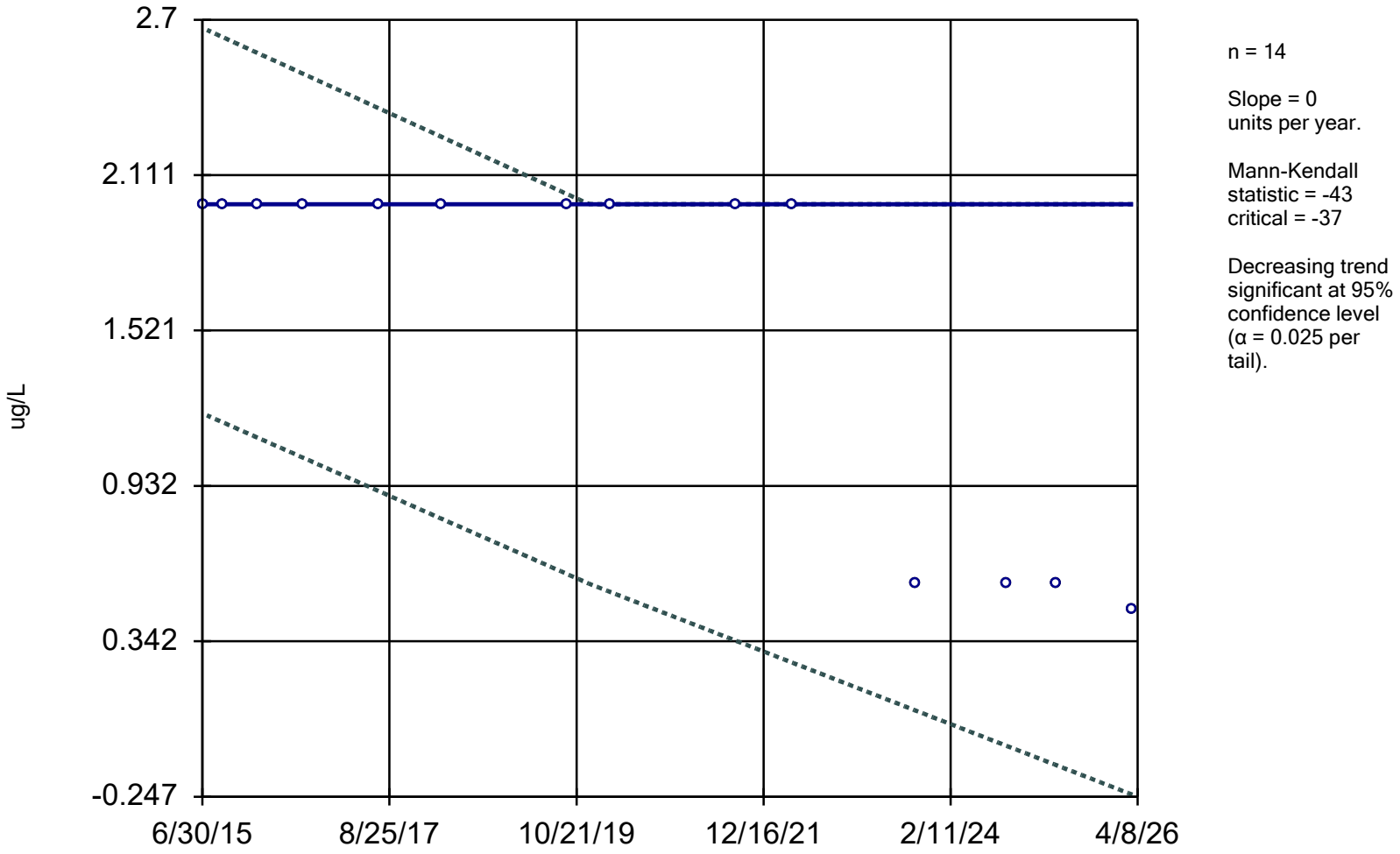
Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 1:00 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-69



n = 14

Slope = 0
units per year.

Mann-Kendall
statistic = -43
critical = -37

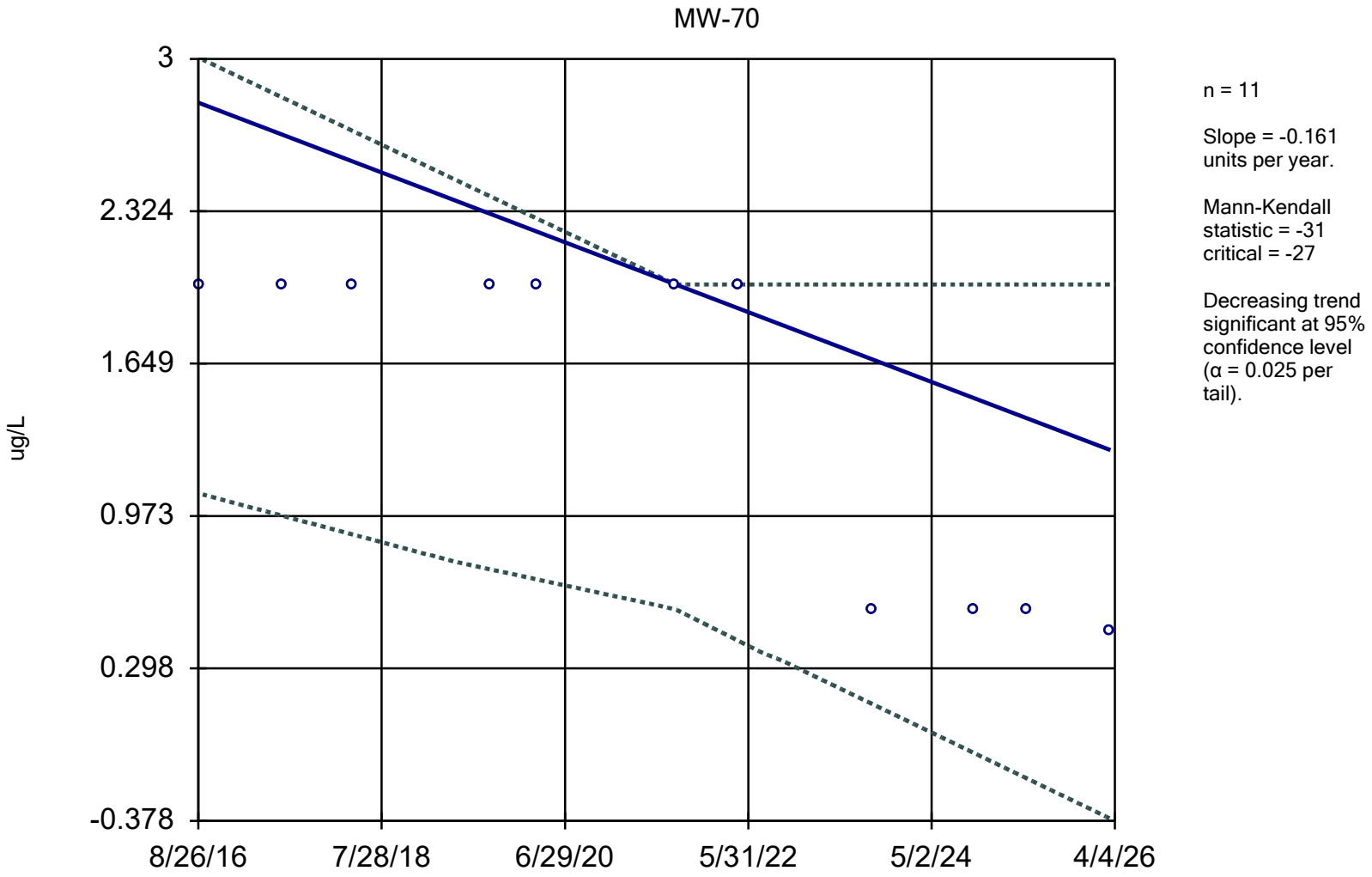
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 1:00 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



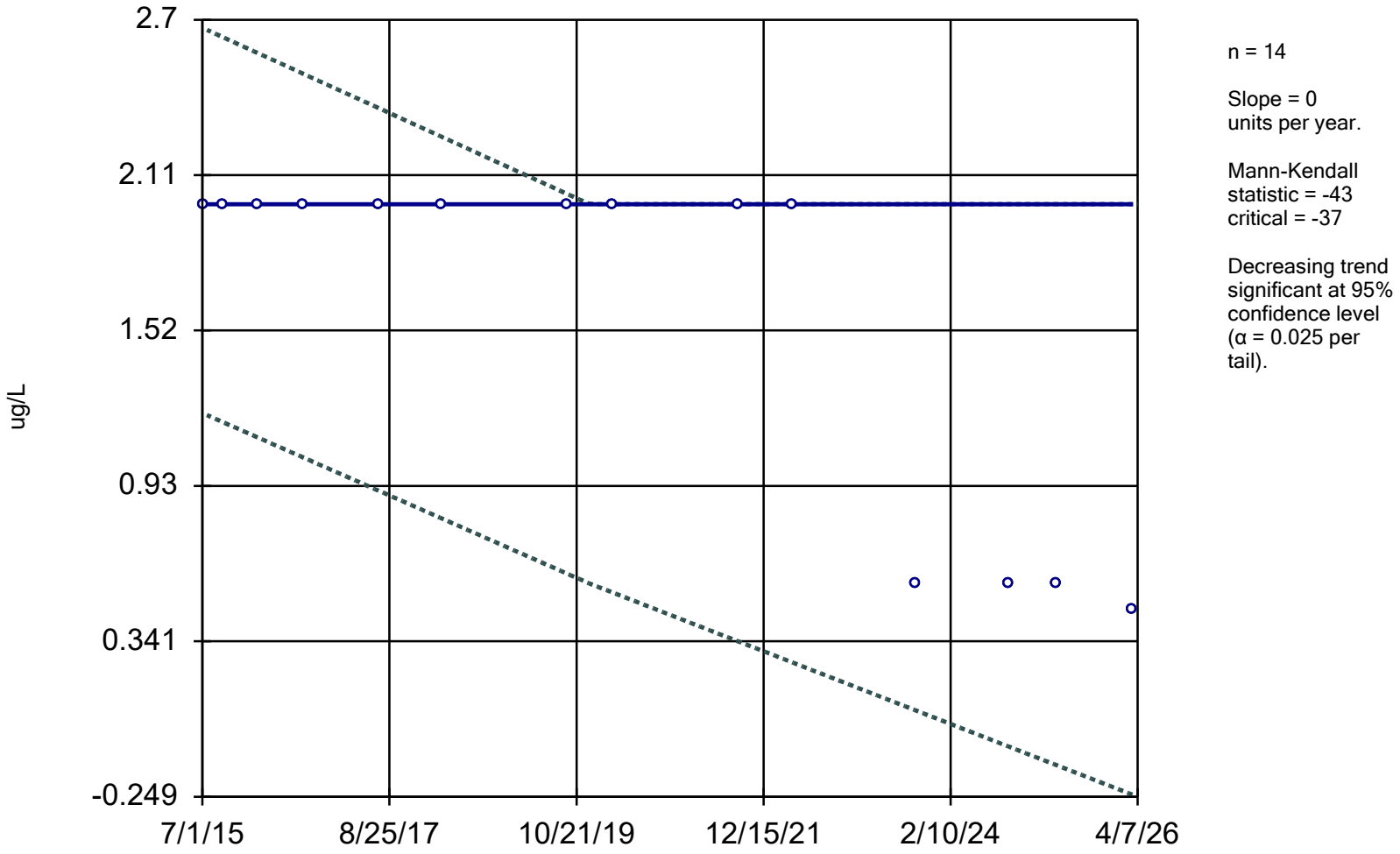
Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 1:00 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

PZ-13



n = 14

Slope = 0
units per year.

Mann-Kendall
statistic = -43
critical = -37

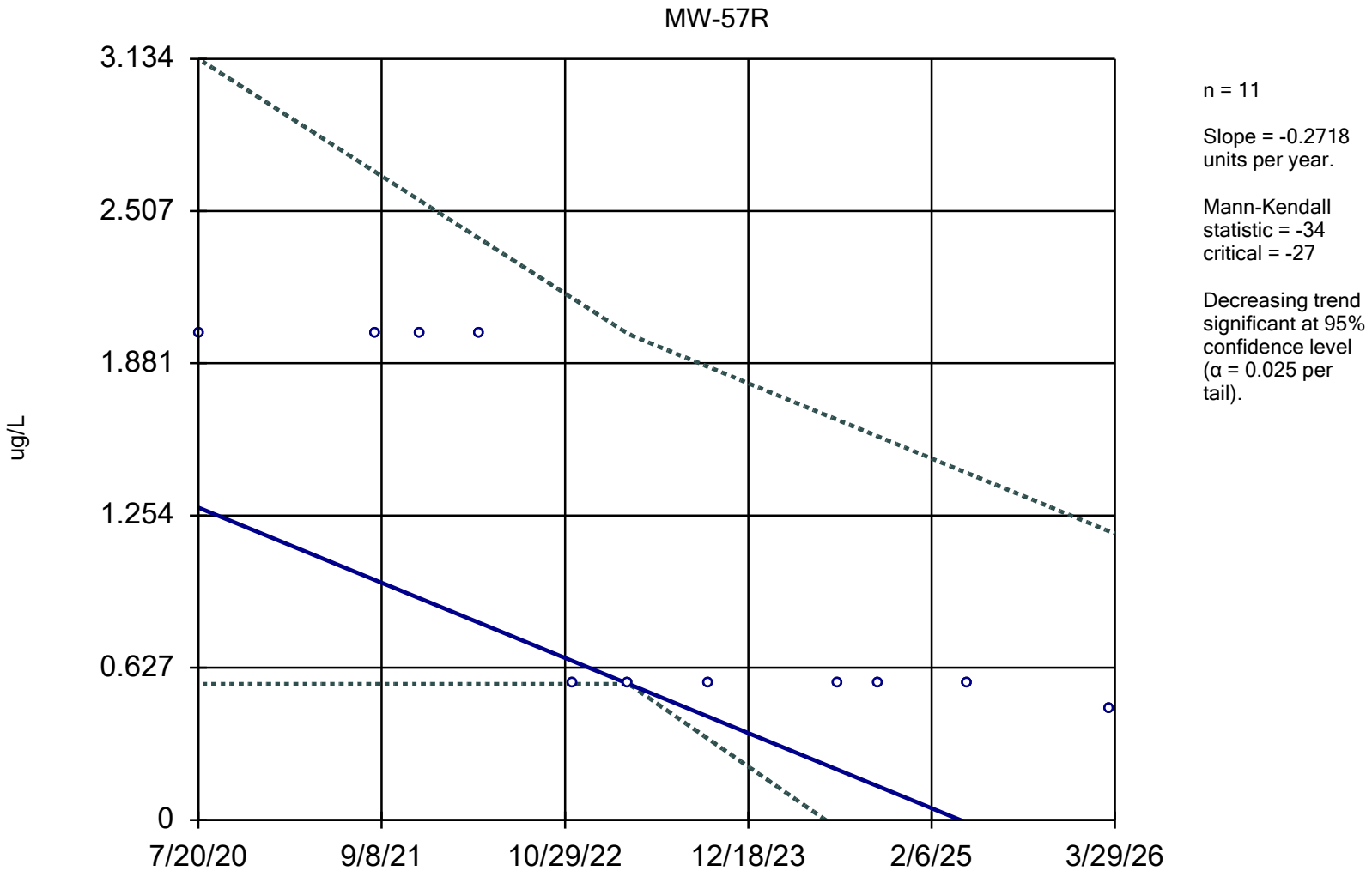
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 1:00 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



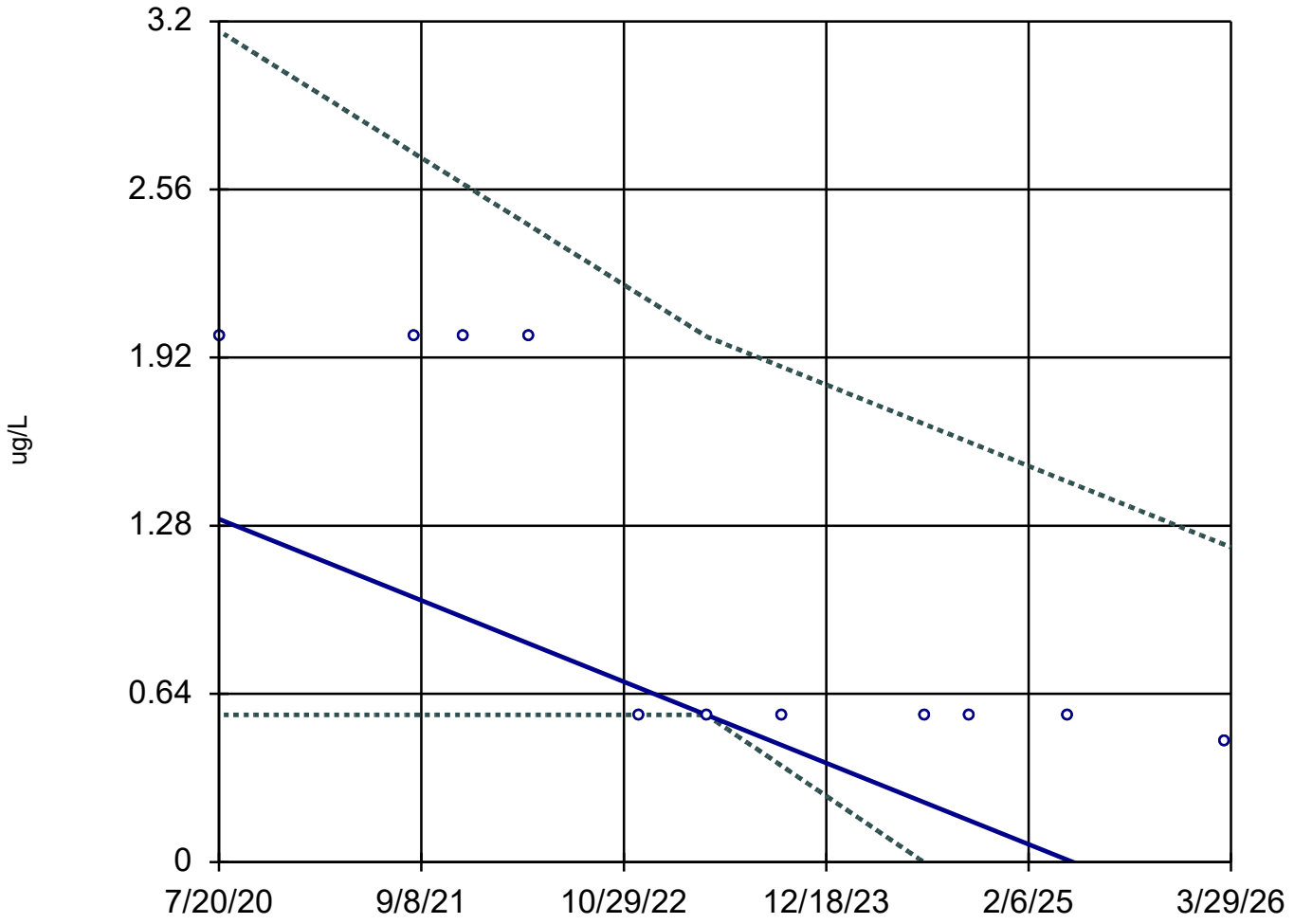
Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 1:00 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-73



n = 11

Slope = -0.2718 units per year.

Mann-Kendall statistic = -34
critical = -27

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

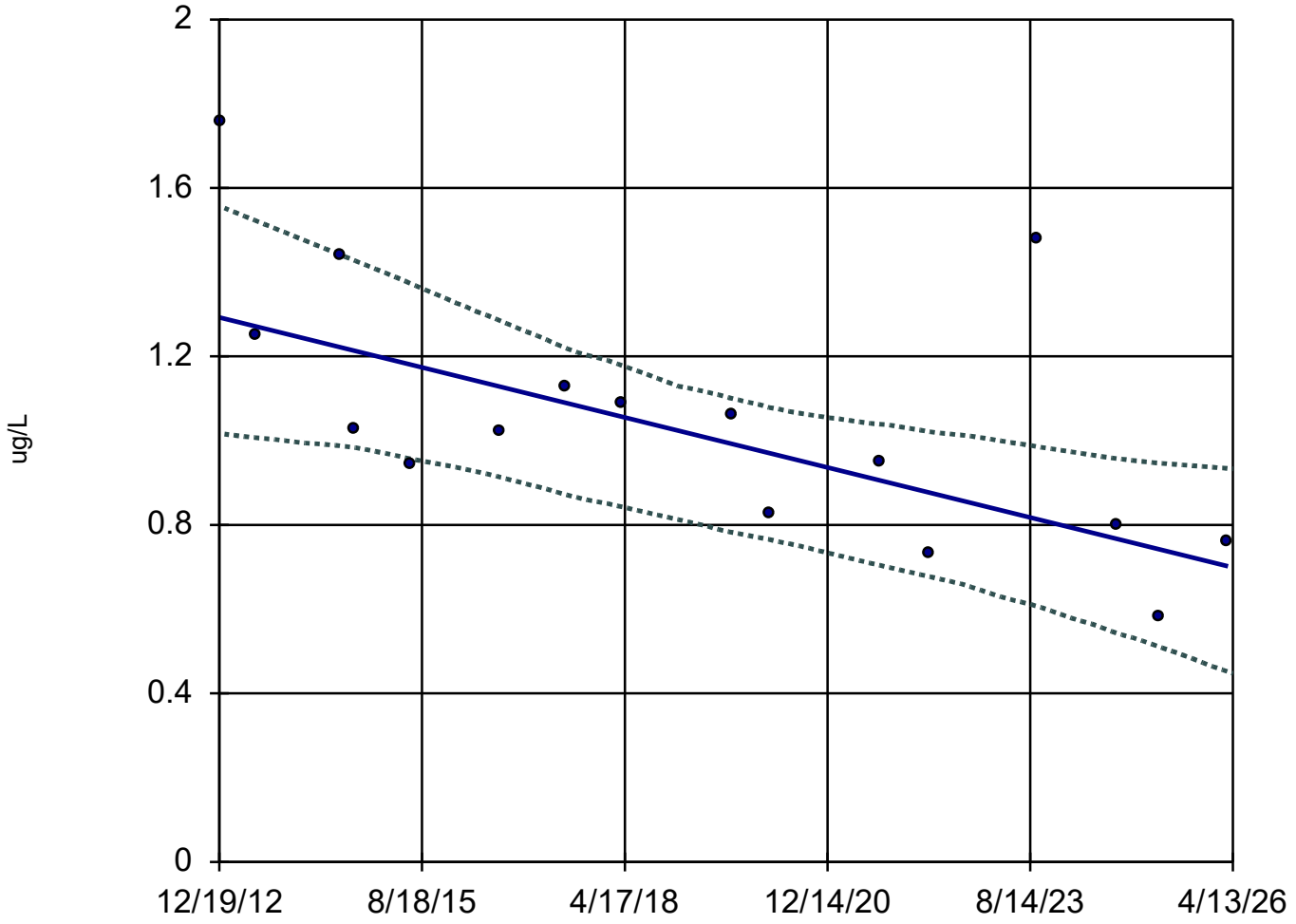
Constituent: 1,1-Dichloroethene Analysis Run 8/19/2026 1:00 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-29



n = 16

Slope = -0.04459 units per year.

Mann-Kendall statistic = -66
critical = -45

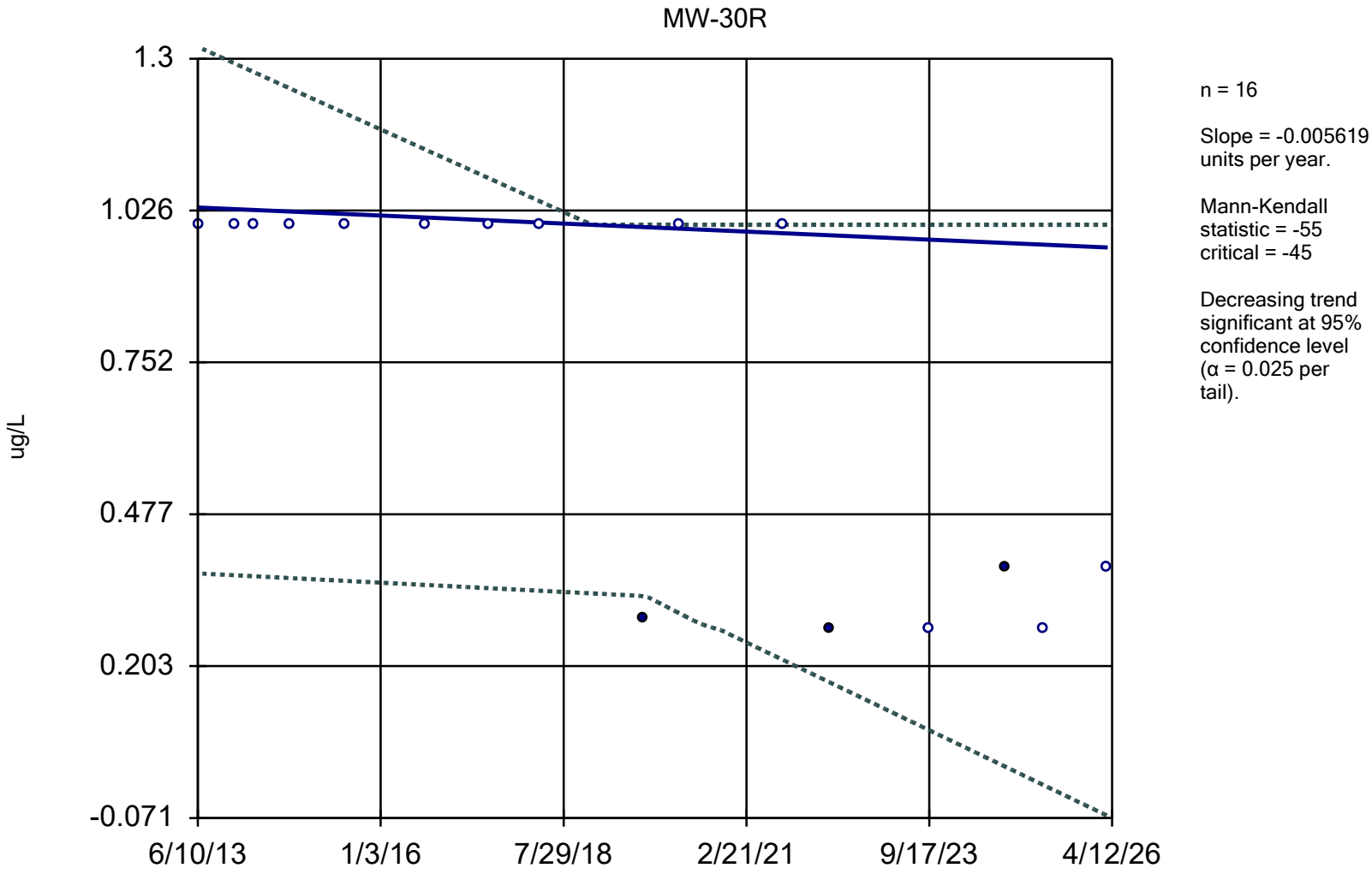
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: 1,2-Dichloropropane Analysis Run 8/19/2026 1:00 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 16

Slope = -0.005619 units per year.

Mann-Kendall statistic = -55
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

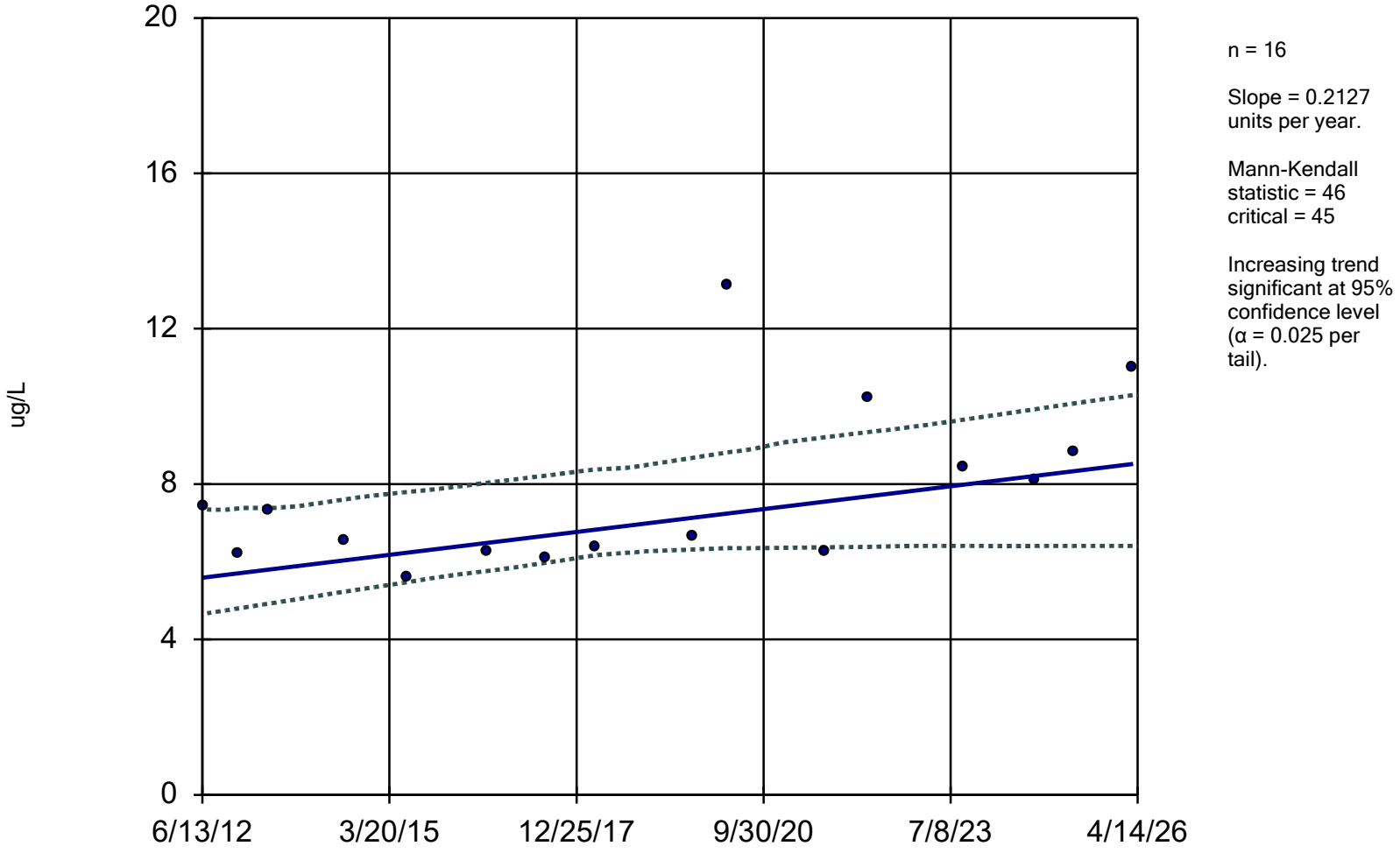
Constituent: 1,2-Dichloropropane Analysis Run 8/19/2026 1:00 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-29



n = 16

Slope = 0.2127 units per year.

Mann-Kendall statistic = 46
critical = 45

Increasing trend significant at 95% confidence level (α = 0.025 per tail).

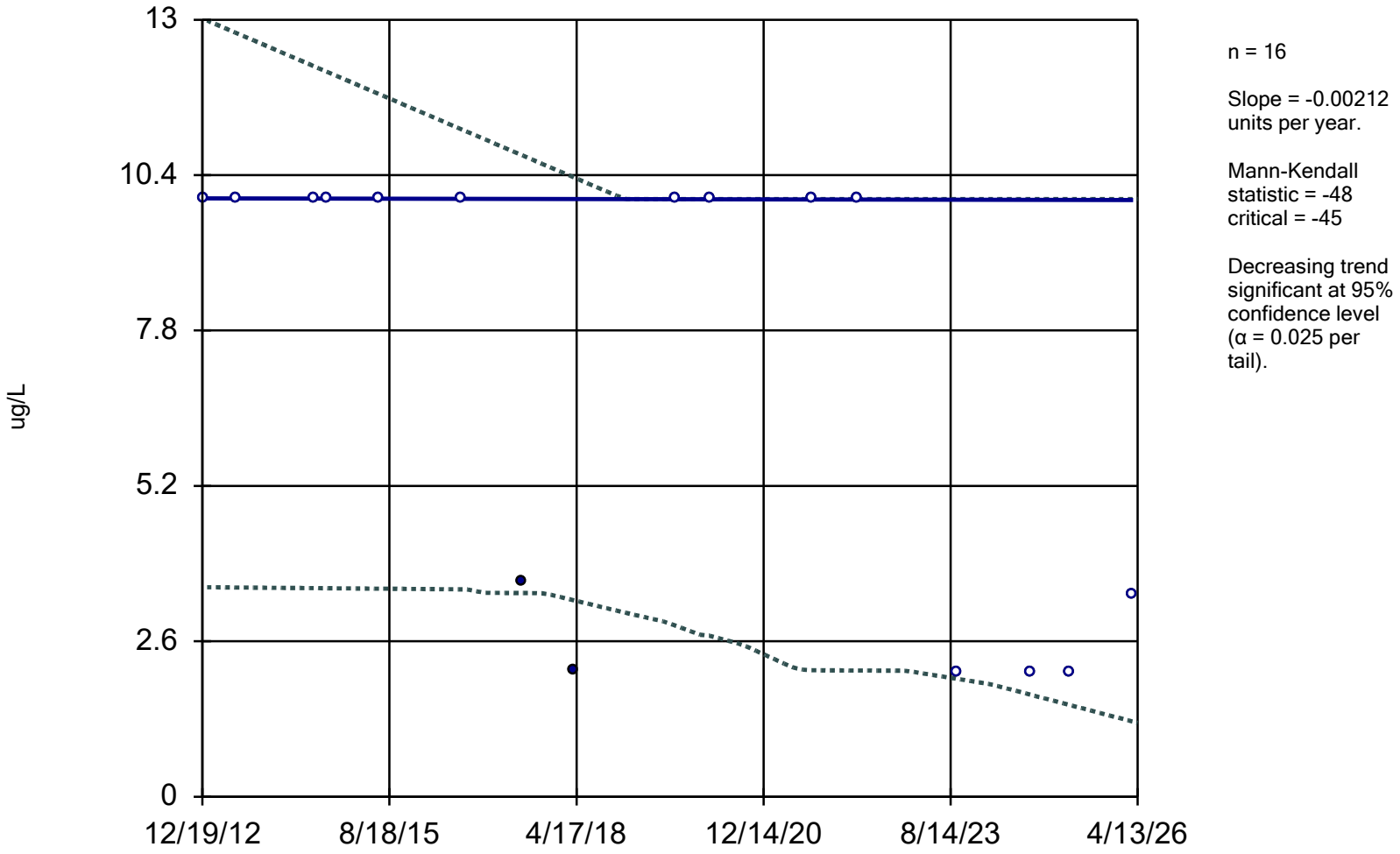
Constituent: 1,4-Dichlorobenzene Analysis Run 8/19/2026 1:01 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-29



n = 16

Slope = -0.00212 units per year.

Mann-Kendall statistic = -48
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

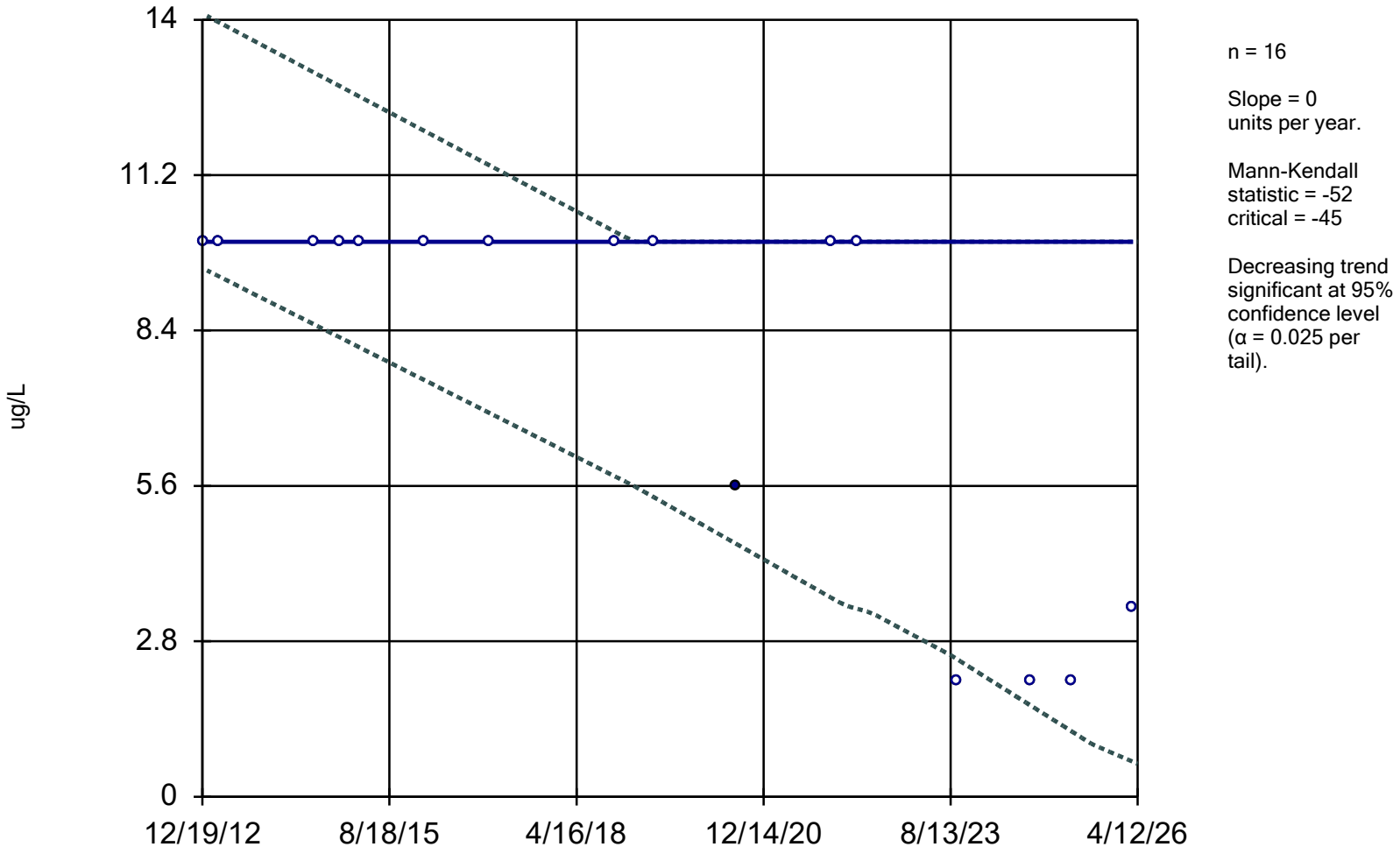
Constituent: 2-Butanone [MEK] Analysis Run 8/19/2026 1:01 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-56



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -52
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

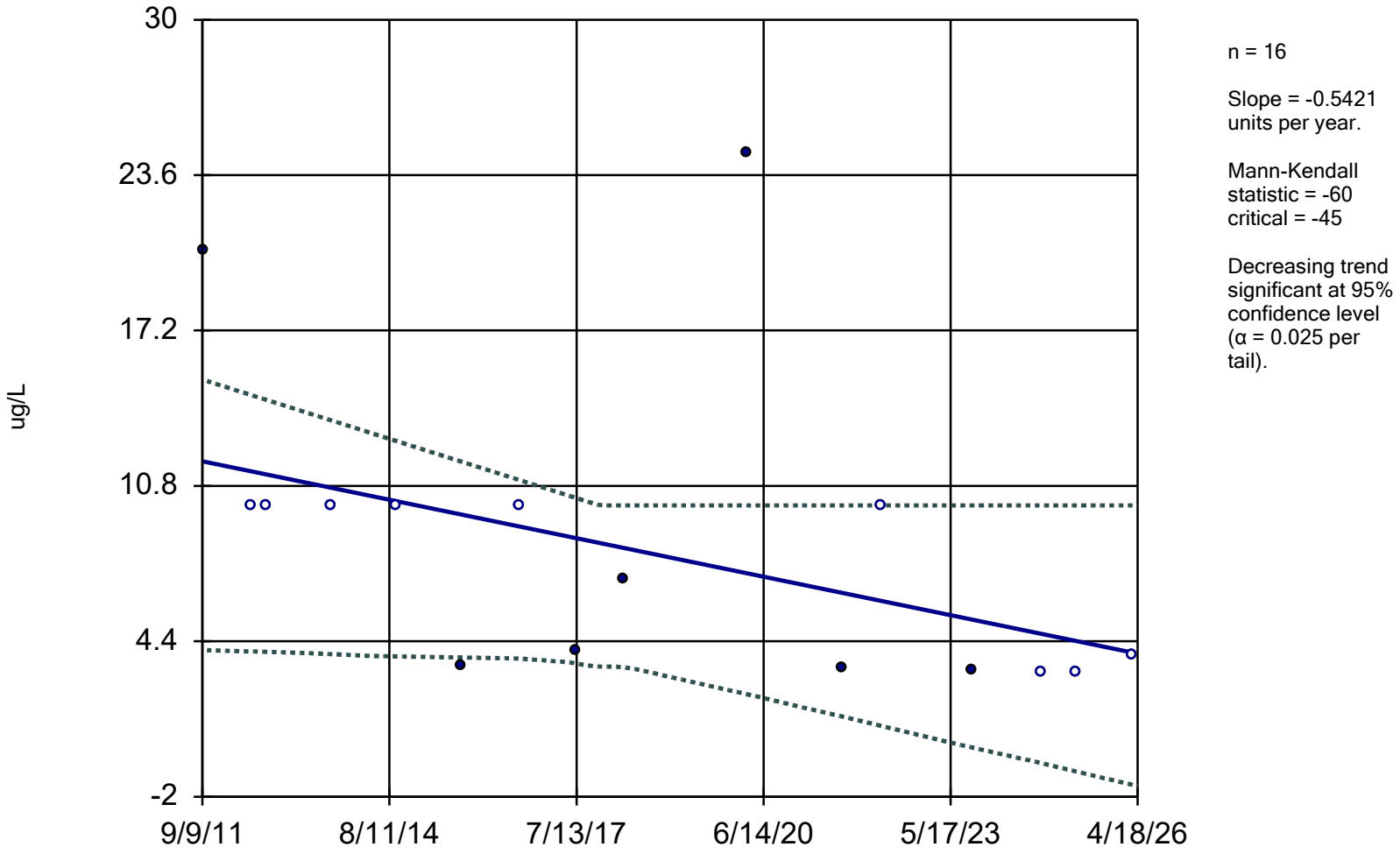
Constituent: 2-Butanone [MEK] Analysis Run 8/19/2026 1:01 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

GU-3A



n = 16

Slope = -0.5421 units per year.

Mann-Kendall statistic = -60
critical = -45

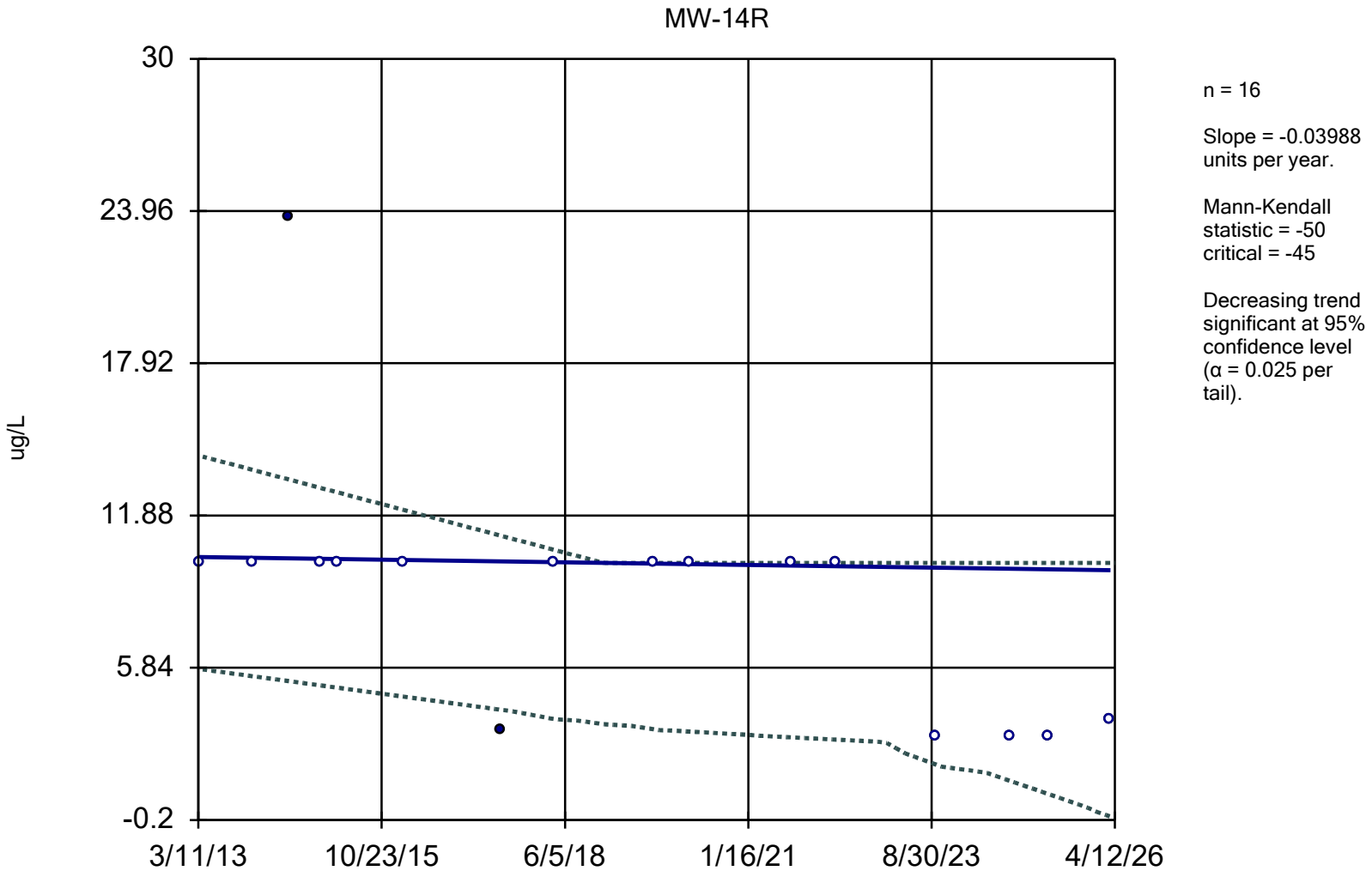
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Acetone Analysis Run 8/19/2026 1:02 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



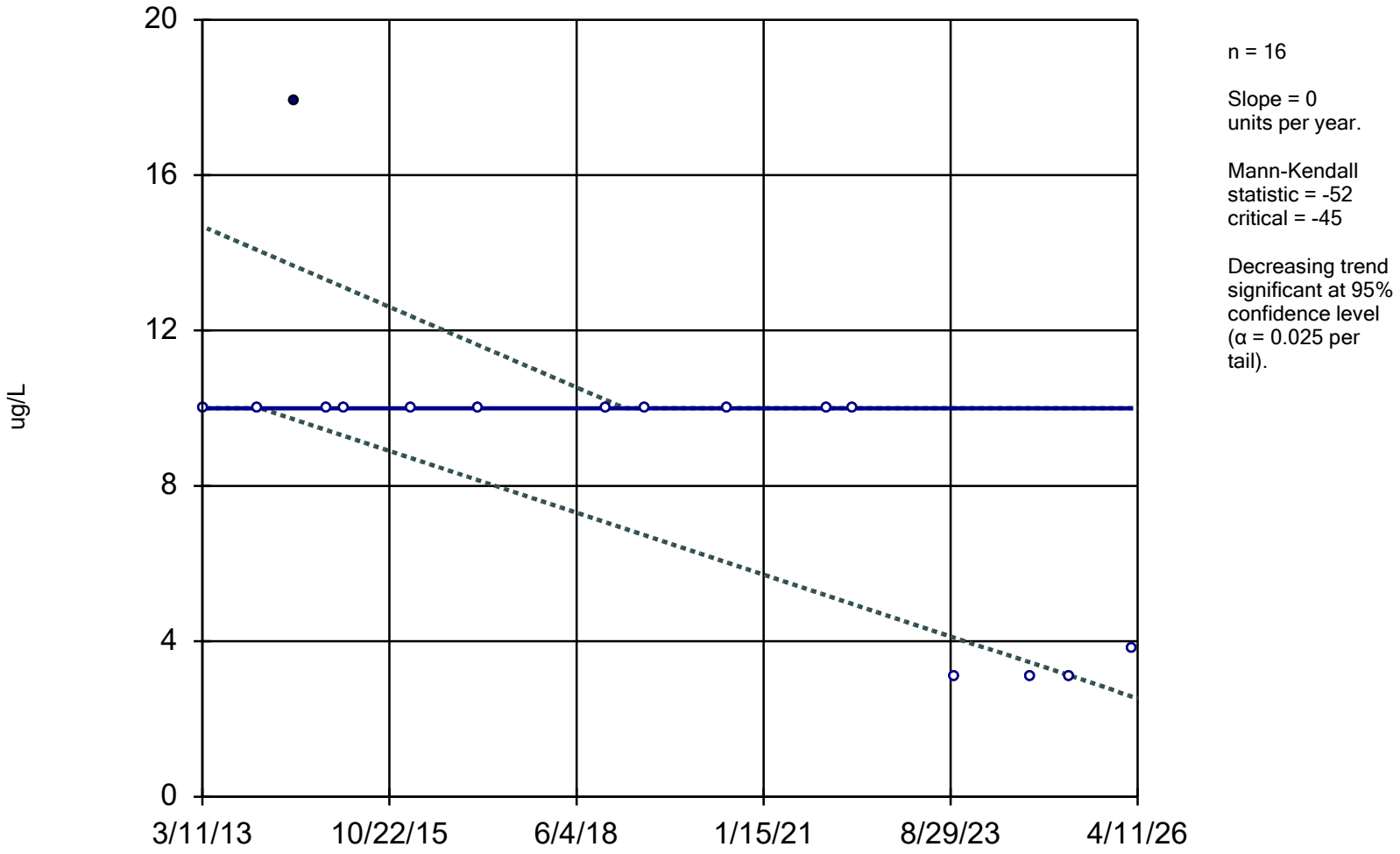
Constituent: Acetone Analysis Run 8/19/2026 1:02 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-19



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -52
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

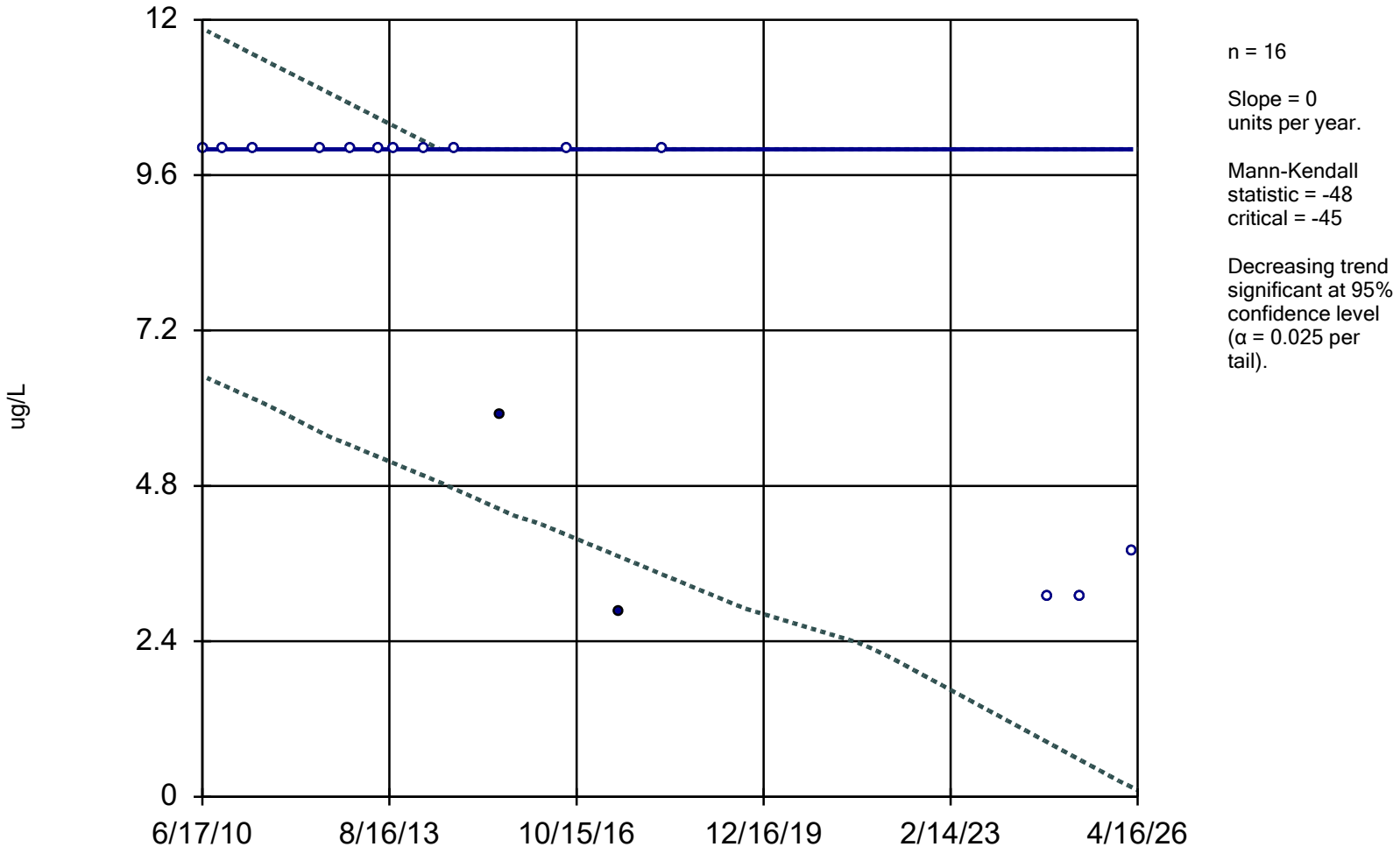
Constituent: Acetone Analysis Run 8/19/2026 1:02 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-31R



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

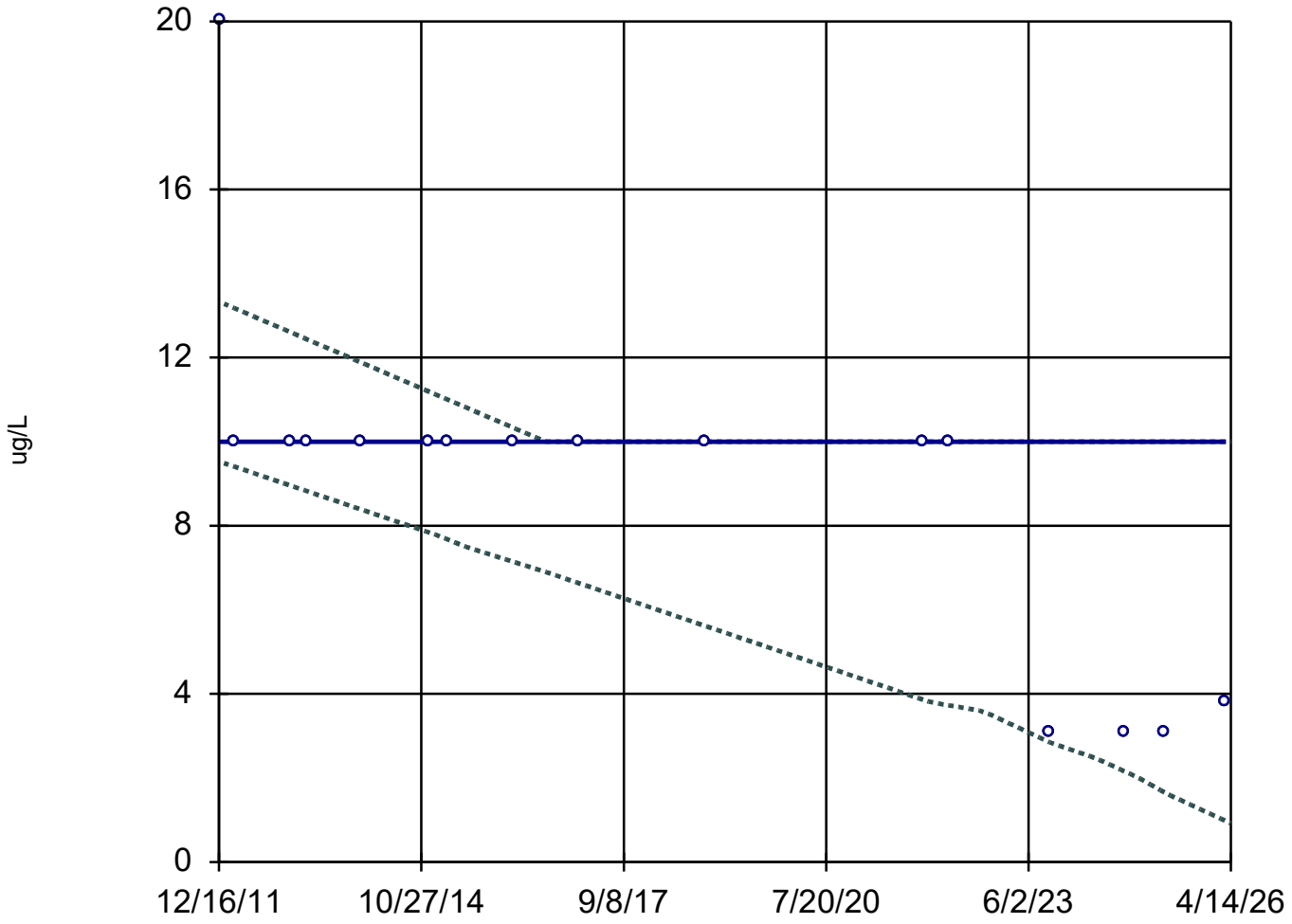
Constituent: Acetone Analysis Run 8/19/2026 1:02 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-39



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -56
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

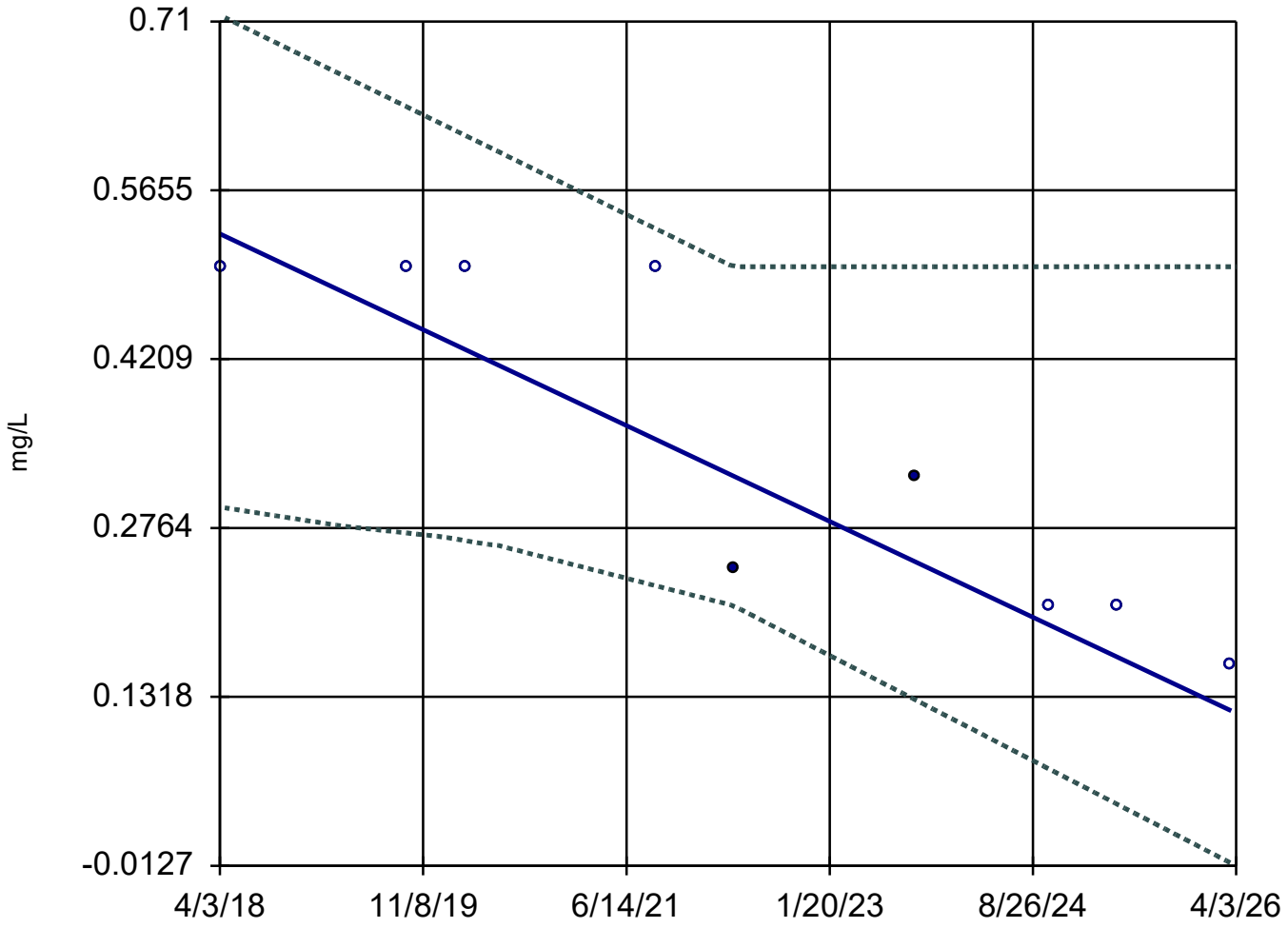
Constituent: Acetone Analysis Run 8/19/2026 1:02 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

SW-101



n = 9

Slope = -0.05123 units per year.

Mann-Kendall statistic = -27
critical = -20

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

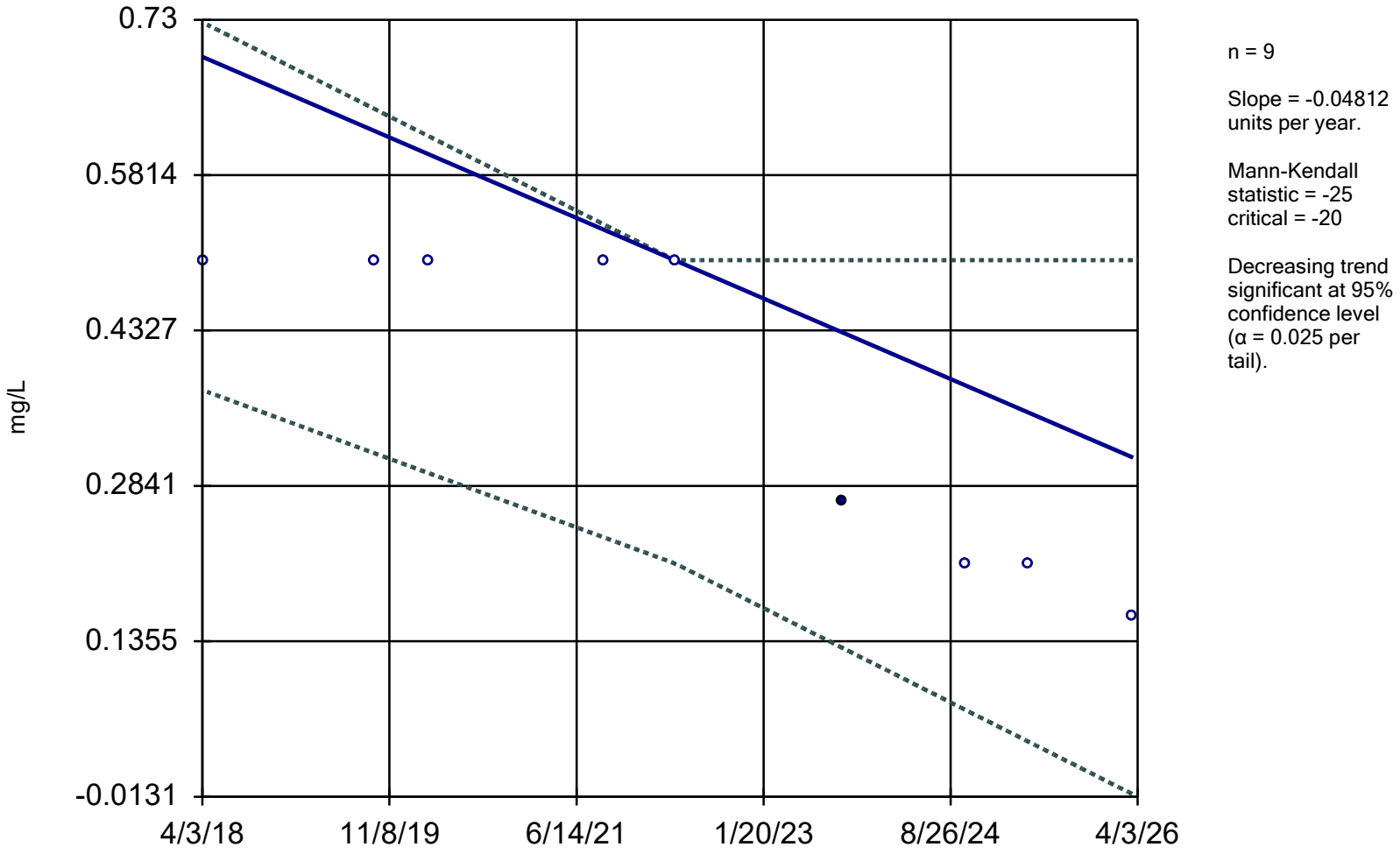
Constituent: Ammonia as N Analysis Run 8/19/2026 1:03 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

SW-106



n = 9

Slope = -0.04812 units per year.

Mann-Kendall statistic = -25
critical = -20

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

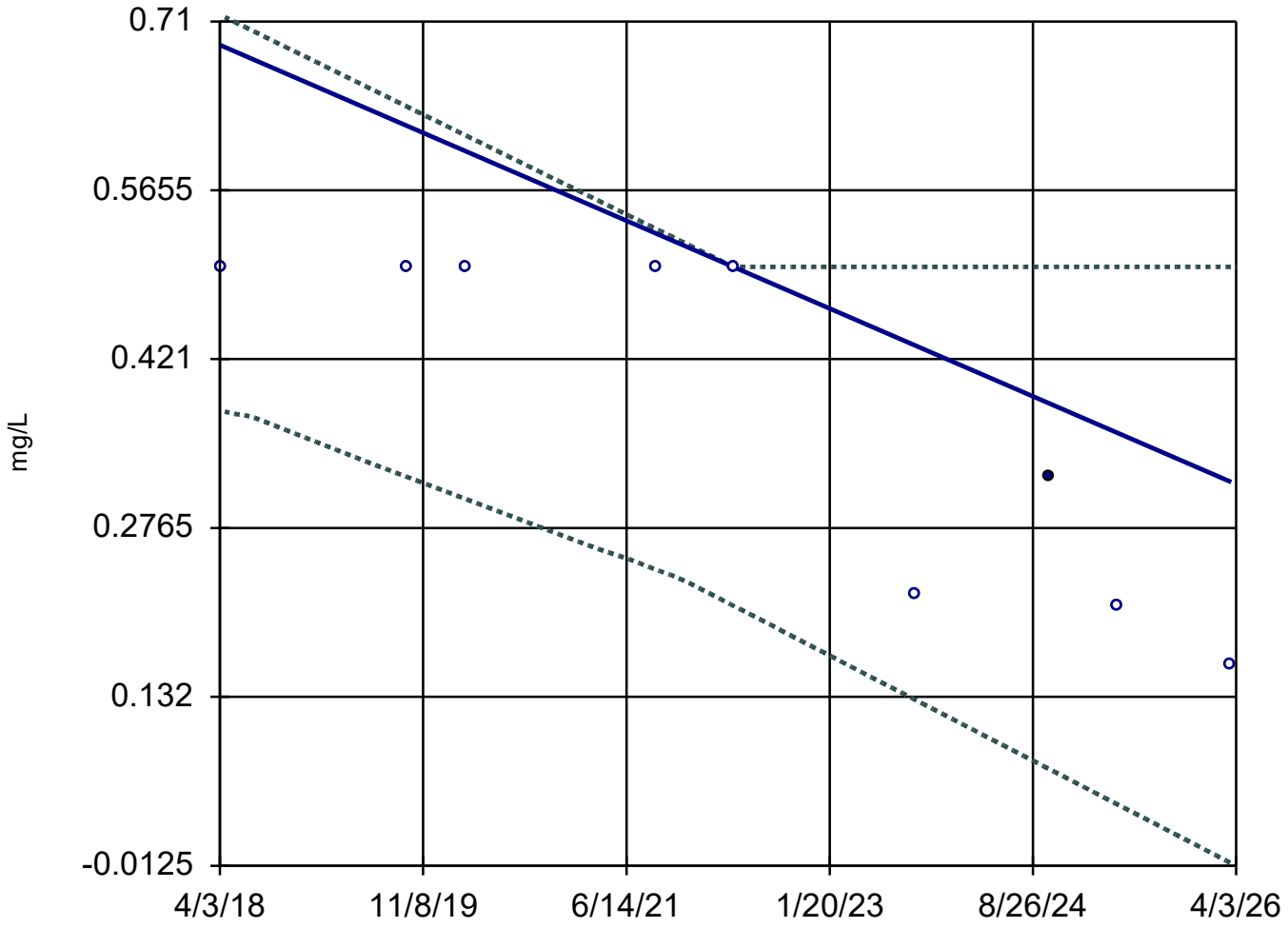
Constituent: Ammonia as N Analysis Run 8/19/2026 1:03 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

SW-107



n = 9

Slope = -0.04693 units per year.

Mann-Kendall statistic = -24
critical = -20

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

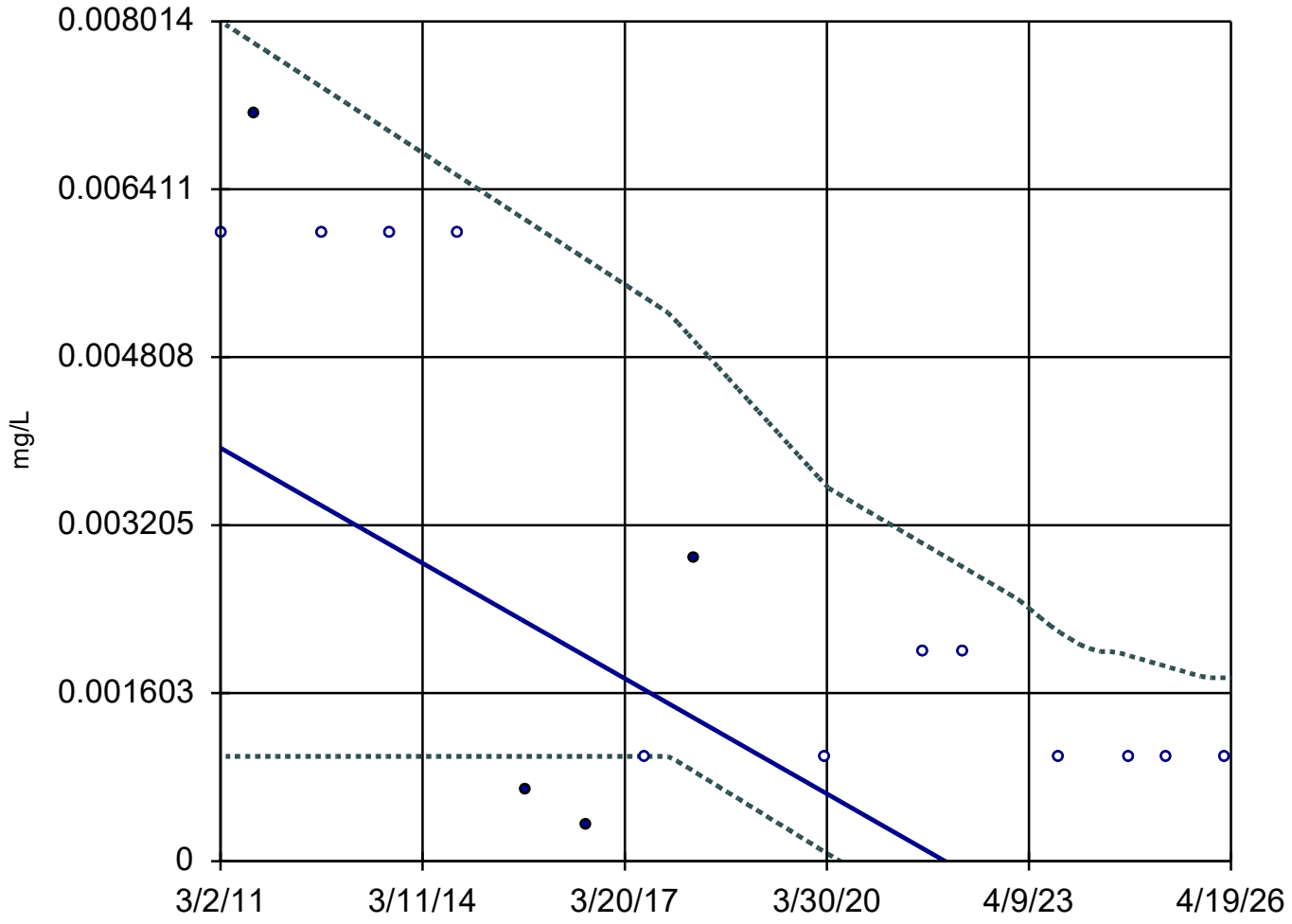
Constituent: Ammonia as N Analysis Run 8/19/2026 1:03 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

GU-3A



n = 16

Slope = -0.0003631 units per year.

Mann-Kendall statistic = -50
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

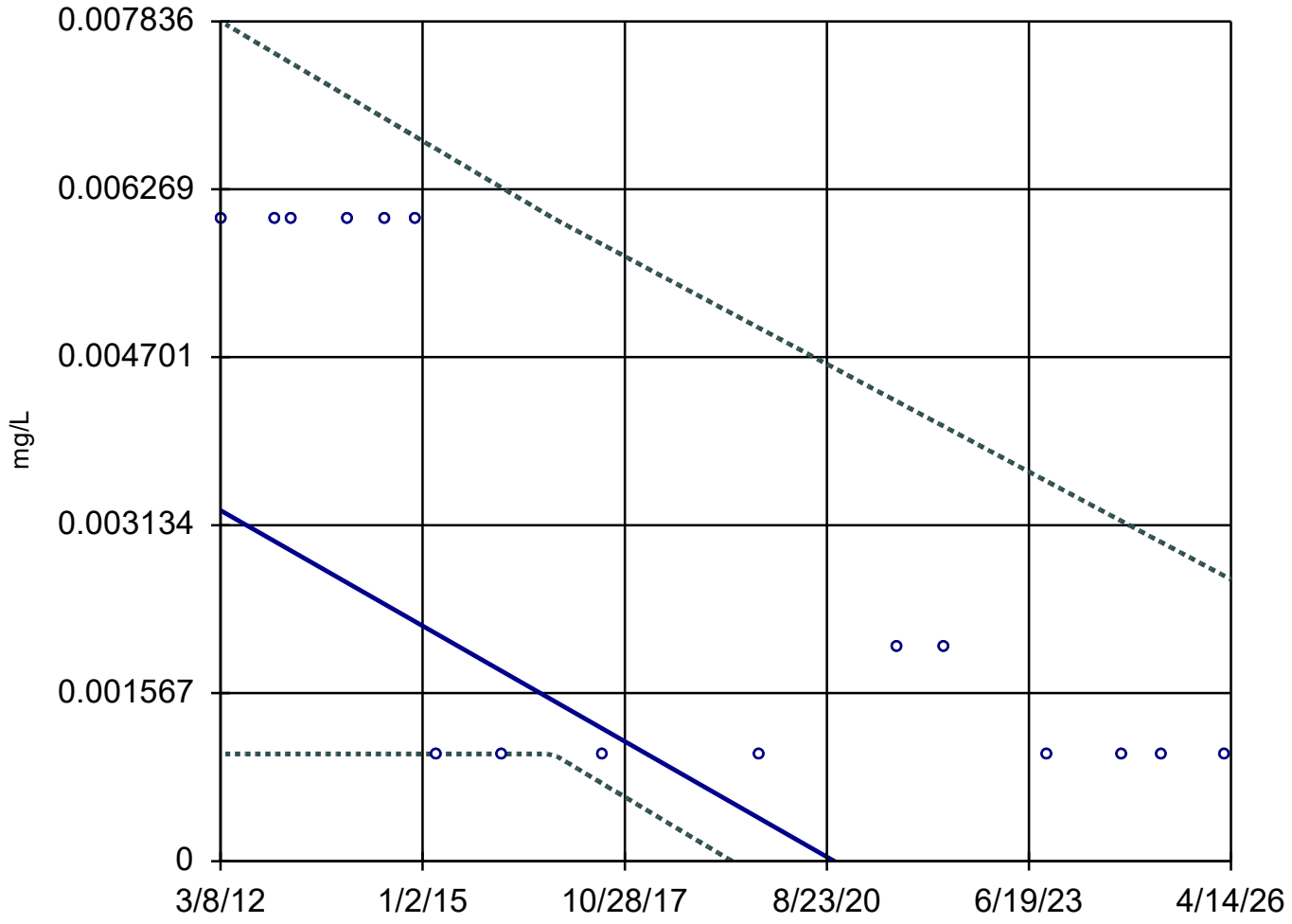
Constituent: Antimony Analysis Run 8/19/2026 1:03 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-14R



n = 16

Slope = -0.0003819 units per year.

Mann-Kendall statistic = -60
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

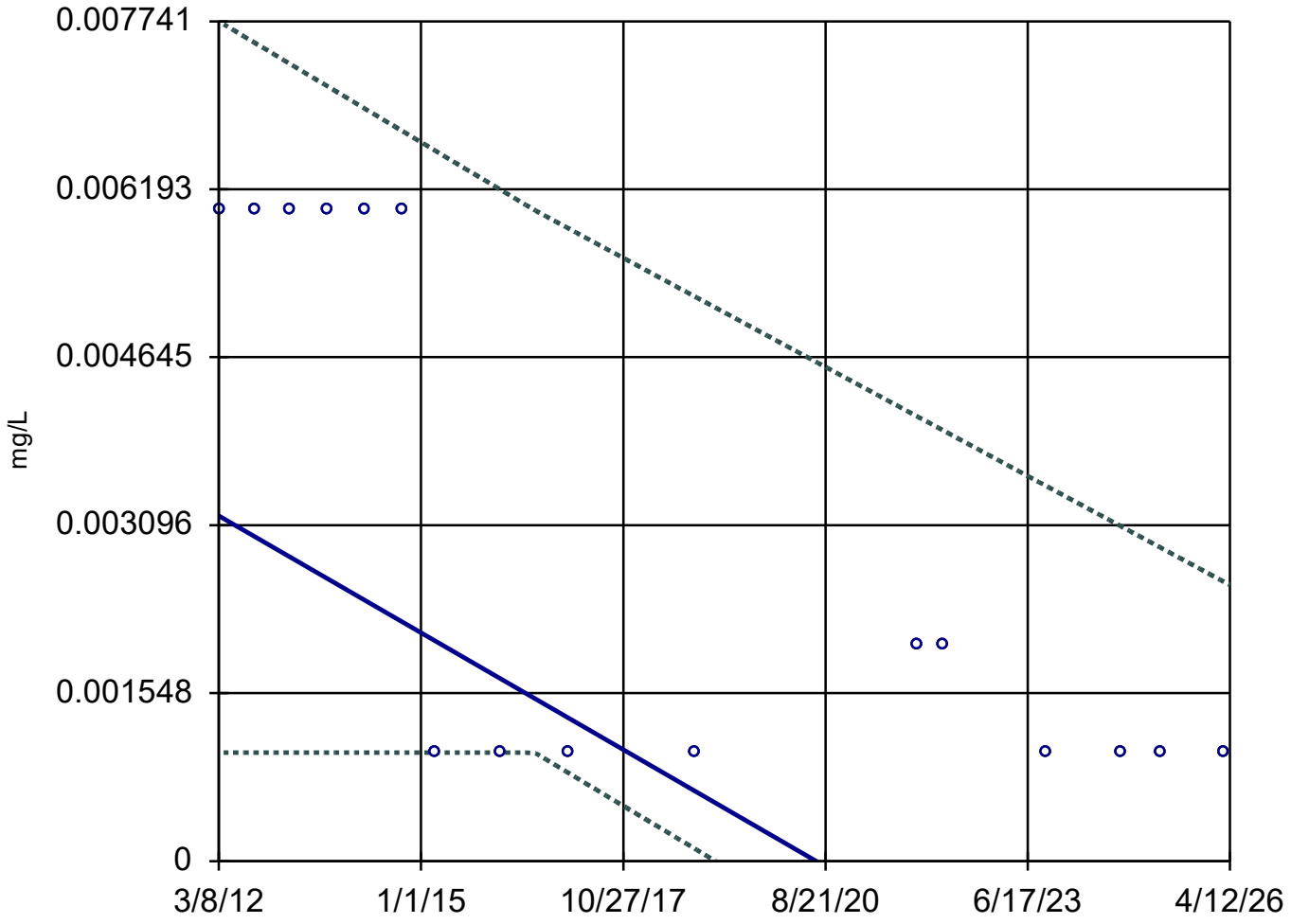
Constituent: Antimony Analysis Run 8/19/2026 1:03 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-23 (bg)



n = 16

Slope = -0.000382 units per year.

Mann-Kendall statistic = -60
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

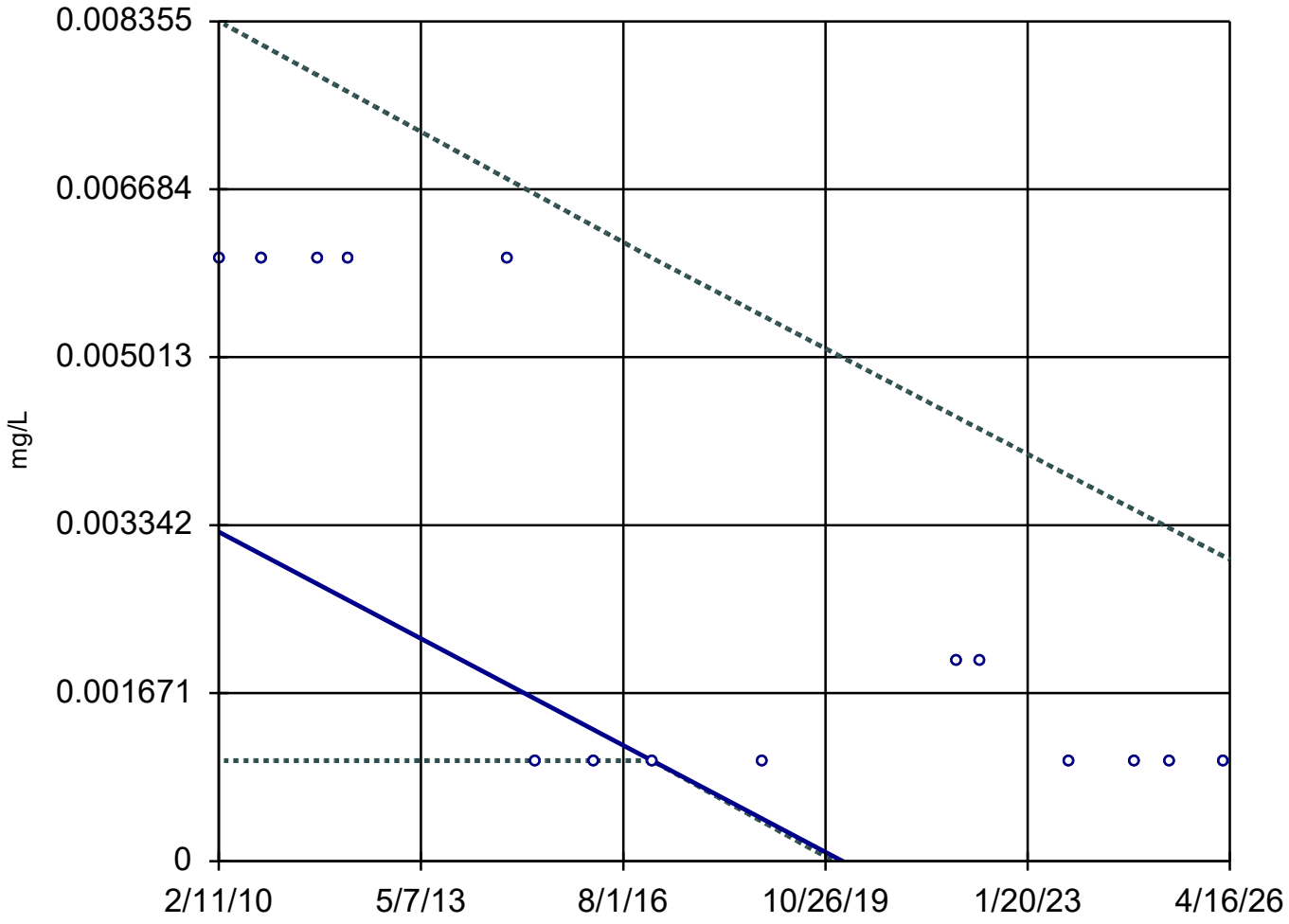
Constituent: Antimony Analysis Run 8/19/2026 1:03 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-24R (bg)



n = 15

Slope = -0.0003281 units per year.

Mann-Kendall statistic = -50
critical = -41

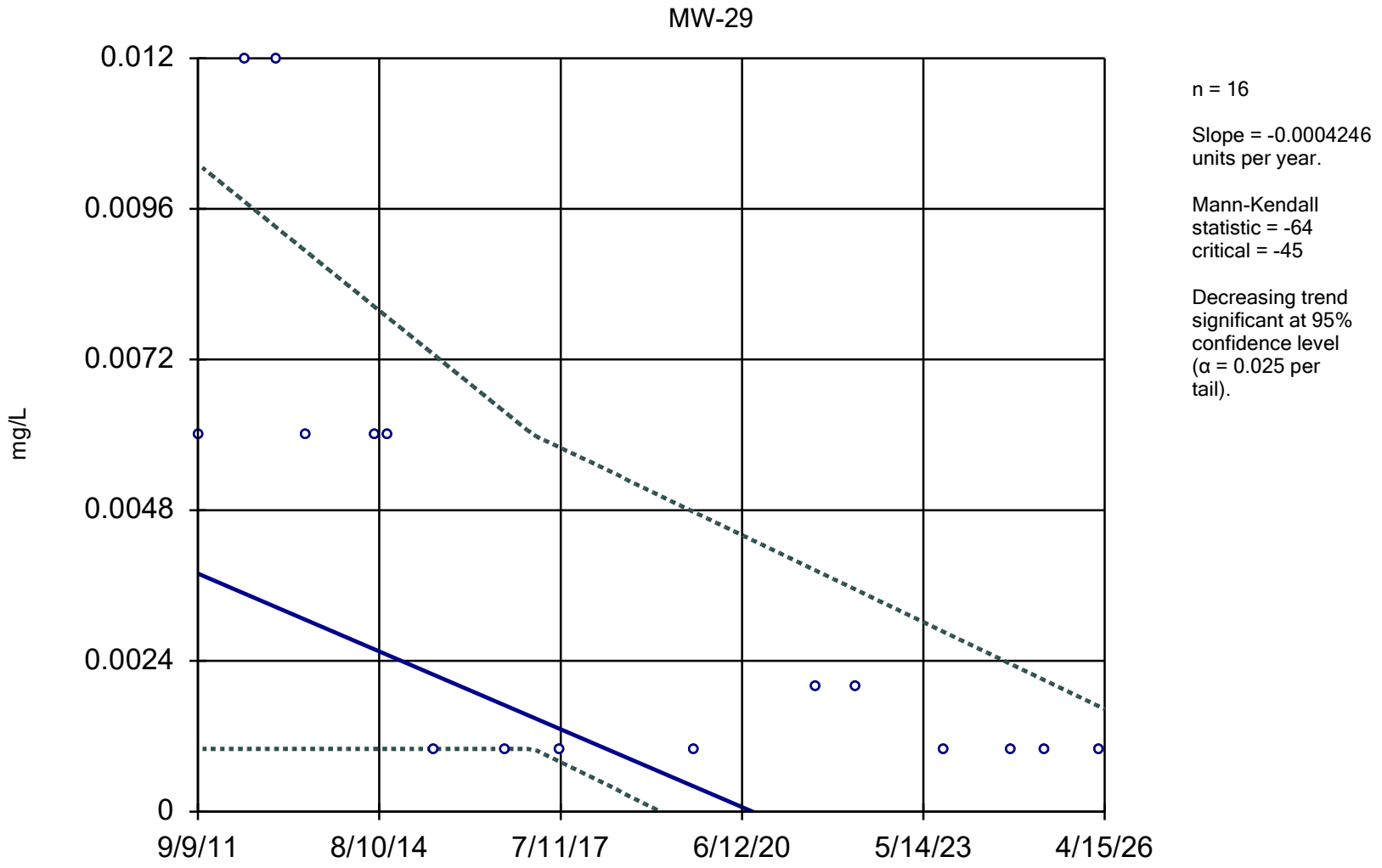
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Antimony Analysis Run 8/19/2026 1:03 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

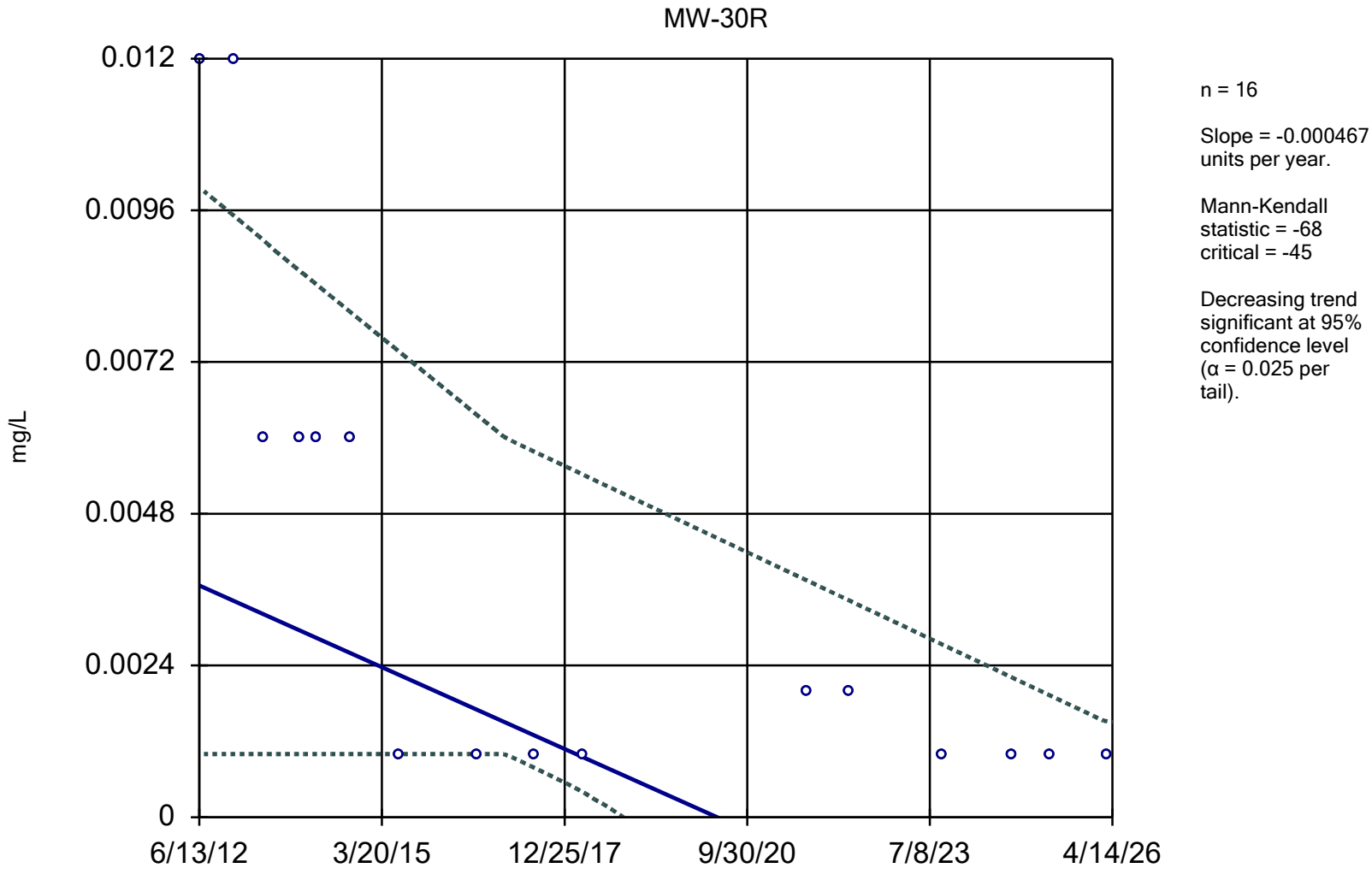


Constituent: Antimony Analysis Run 8/19/2026 1:03 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



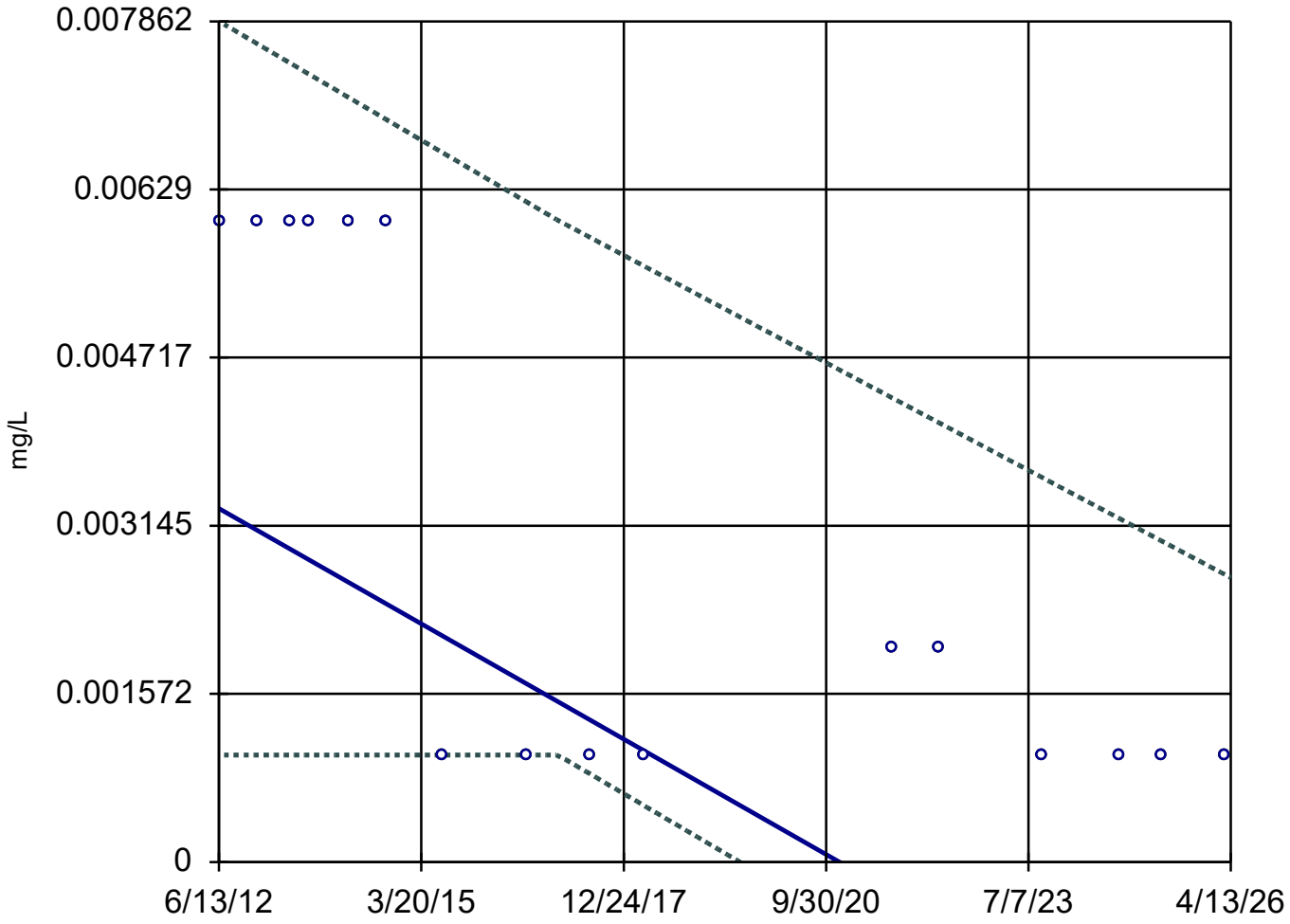
Constituent: Antimony Analysis Run 8/19/2026 1:03 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-31R



n = 16

Slope = -0.0003896 units per year.

Mann-Kendall statistic = -60
critical = -45

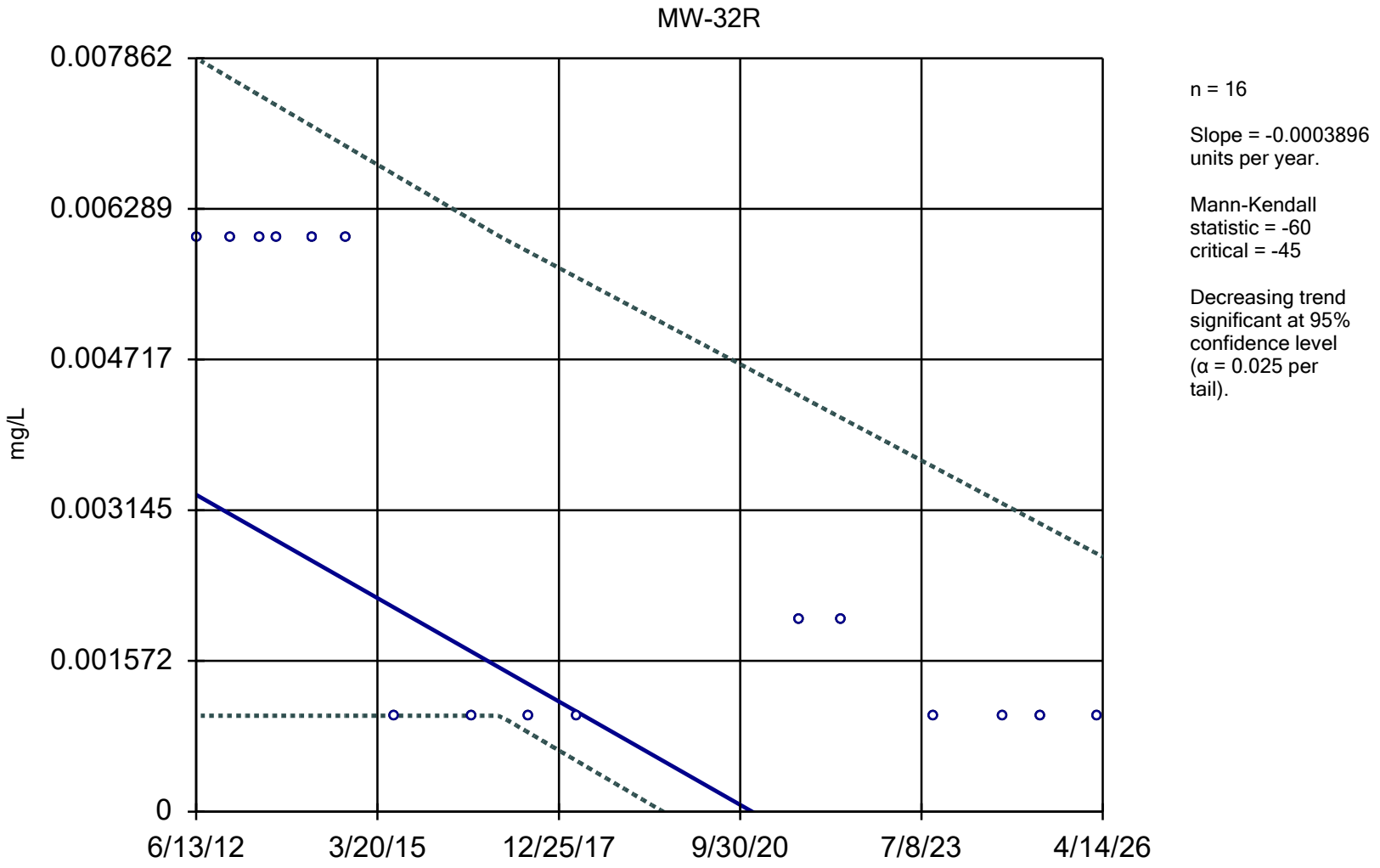
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Antimony Analysis Run 8/19/2026 1:03 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 16

Slope = -0.0003896 units per year.

Mann-Kendall statistic = -60
critical = -45

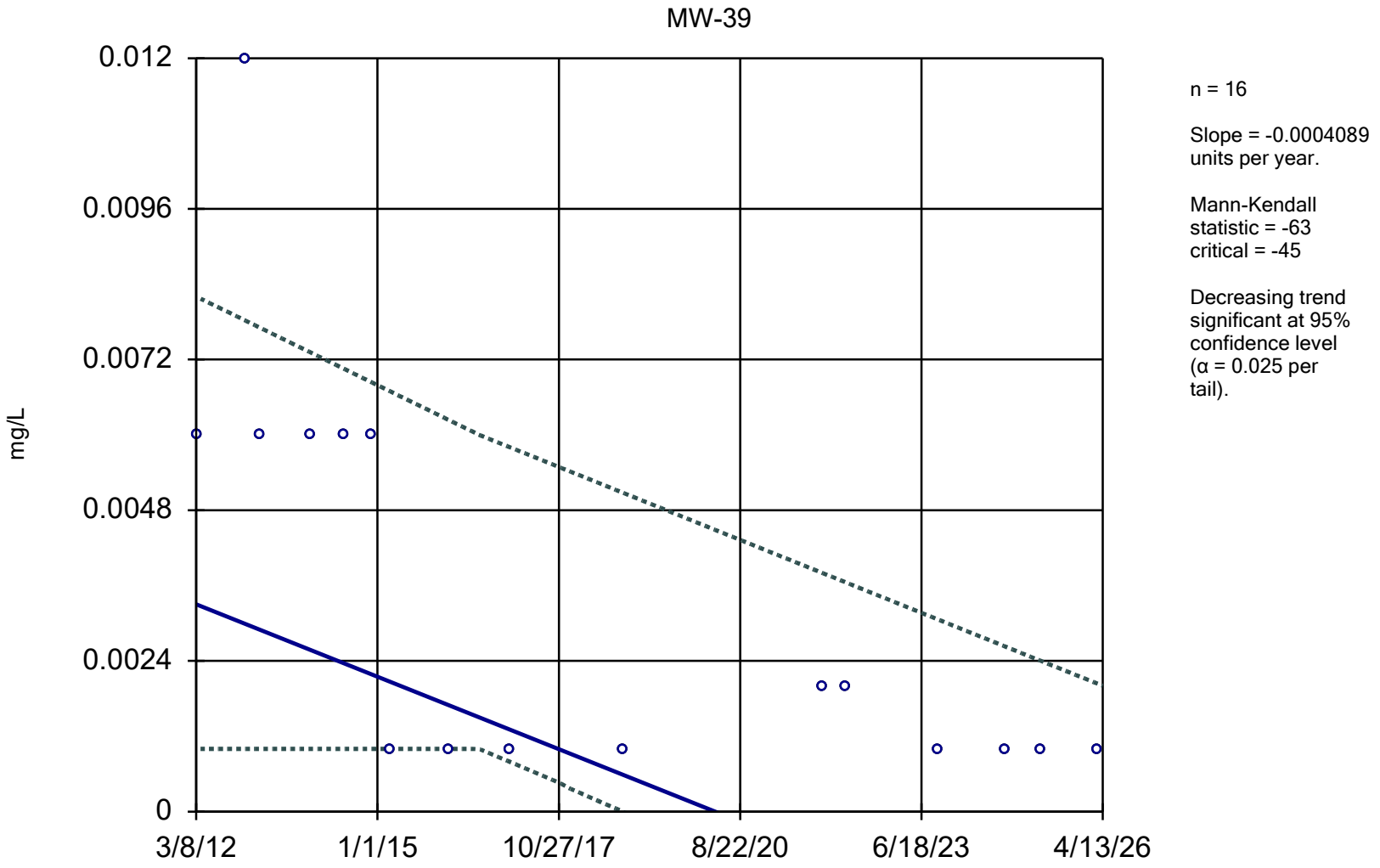
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Antimony Analysis Run 8/19/2026 1:03 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

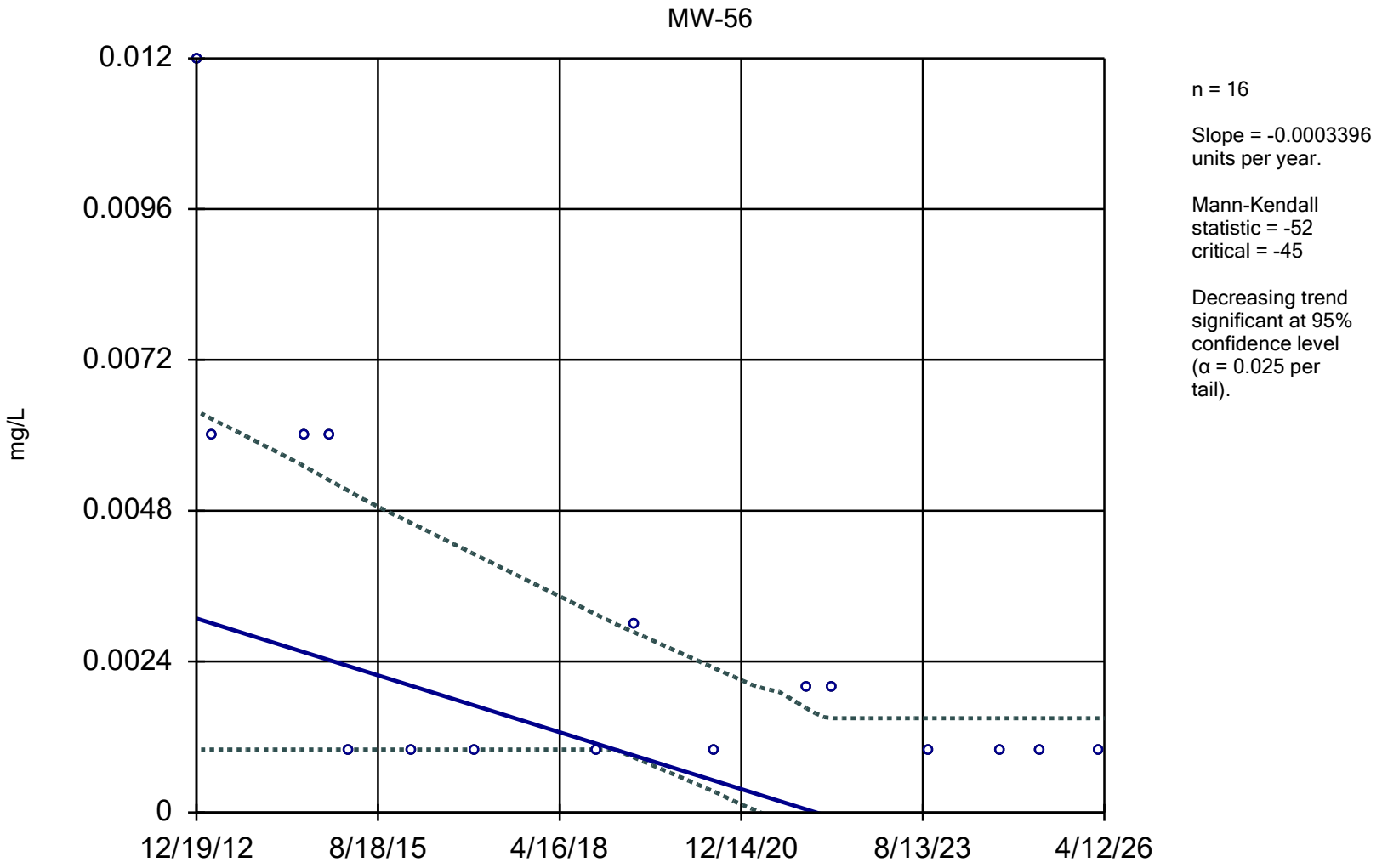


Constituent: Antimony Analysis Run 8/19/2026 1:03 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

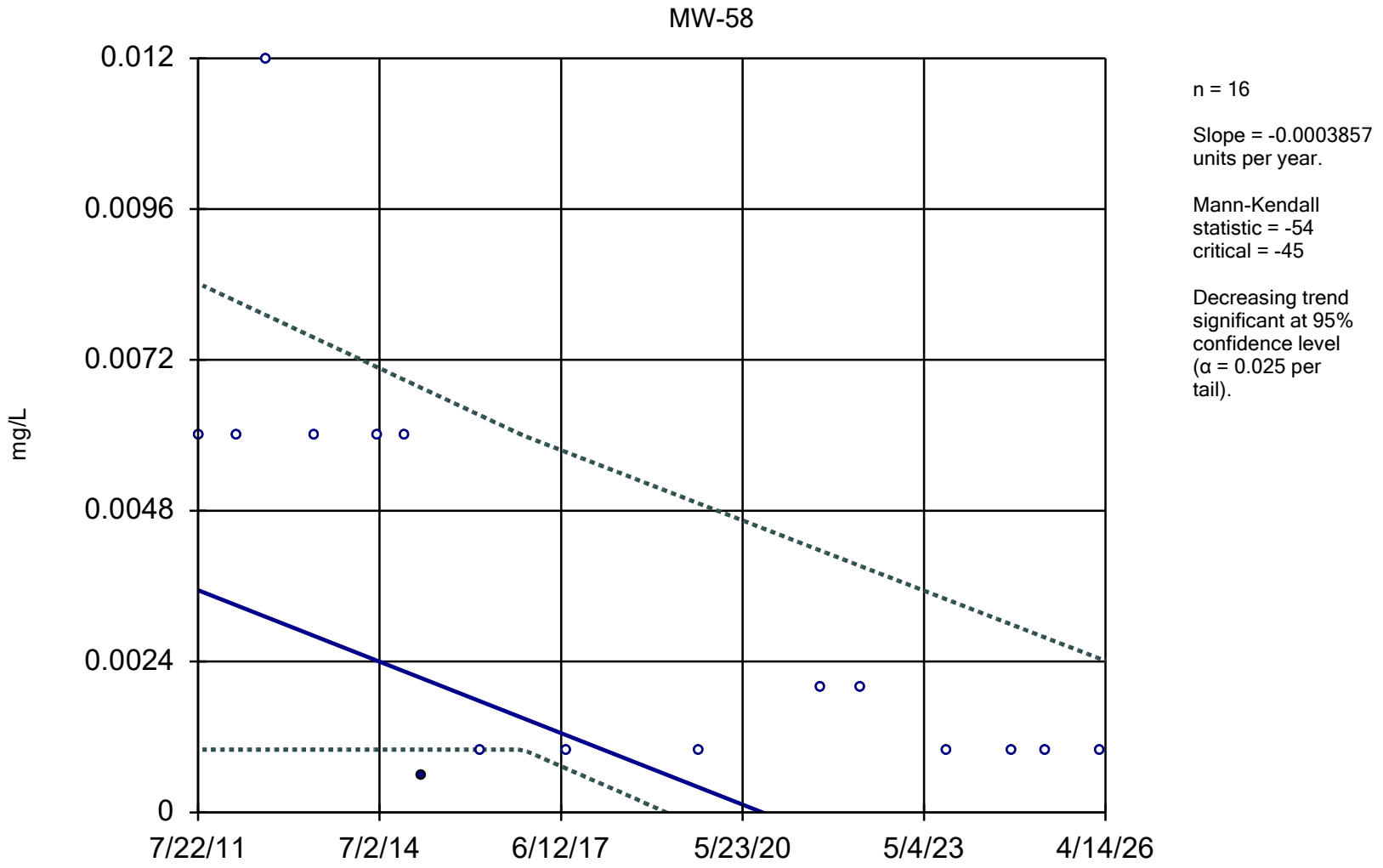


Constituent: Antimony Analysis Run 8/19/2026 1:03 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



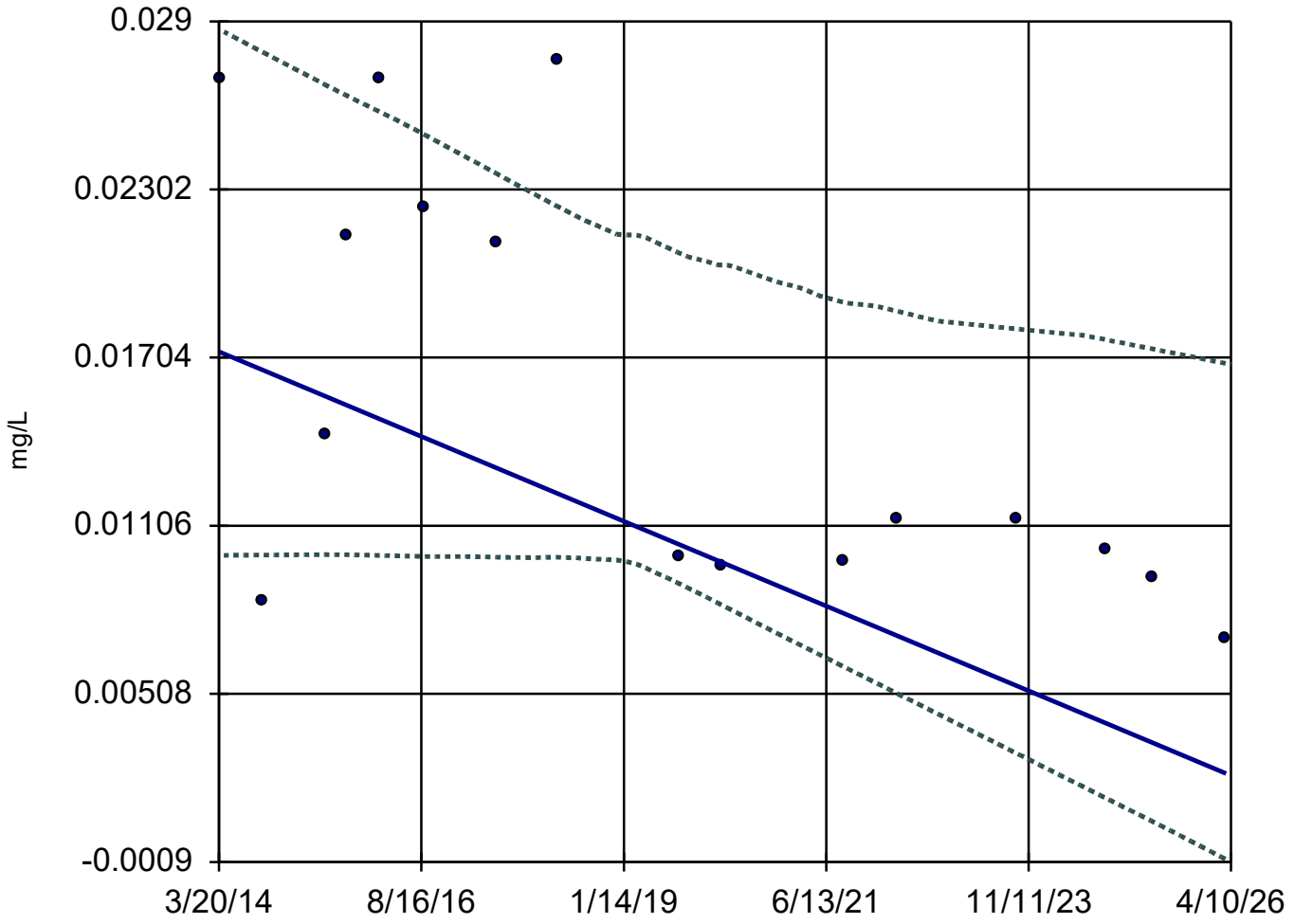
Constituent: Antimony Analysis Run 8/19/2026 1:03 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-33R



n = 16

Slope = -0.00125 units per year.

Mann-Kendall statistic = -48
critical = -45

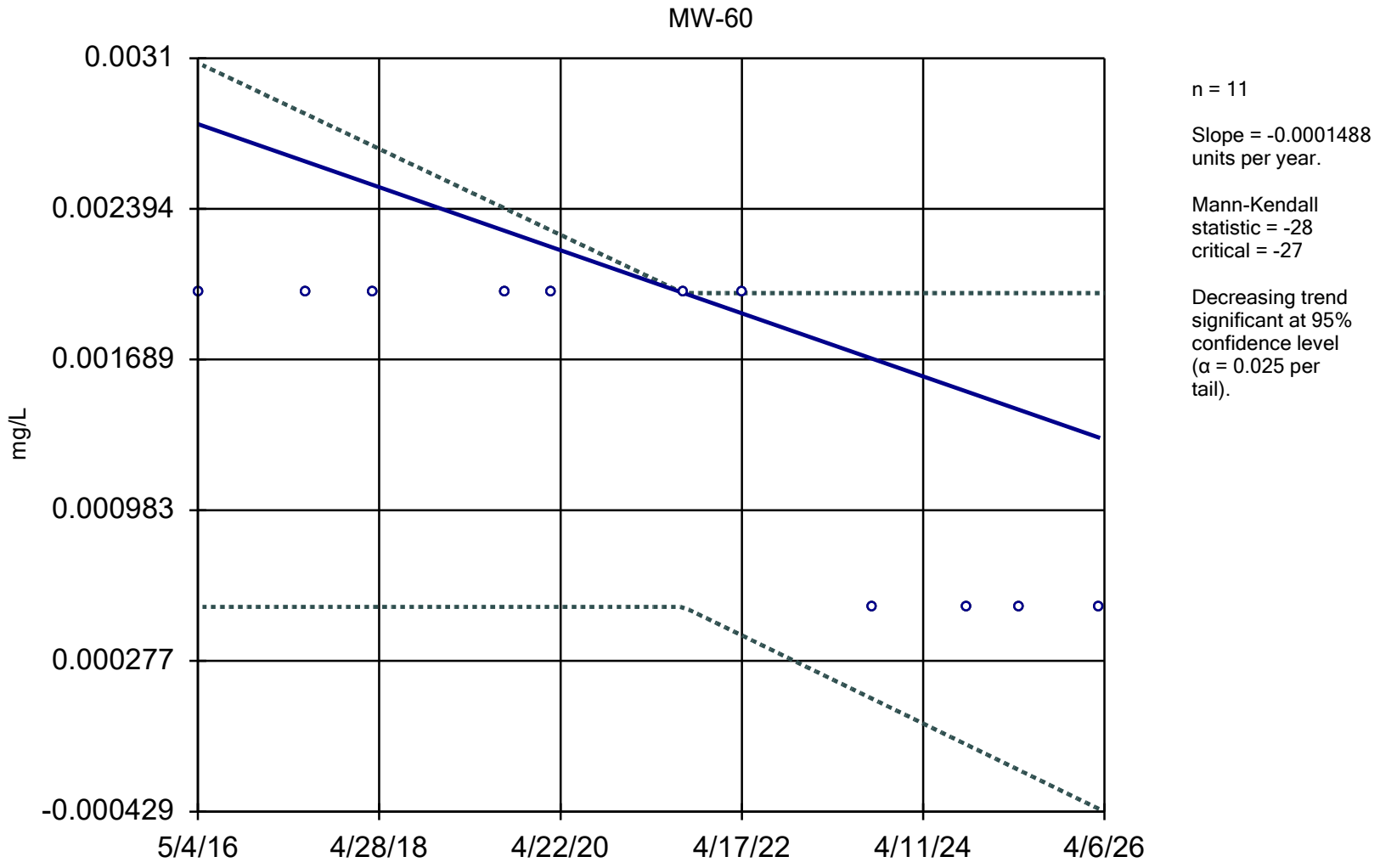
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Arsenic Analysis Run 8/19/2026 1:03 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



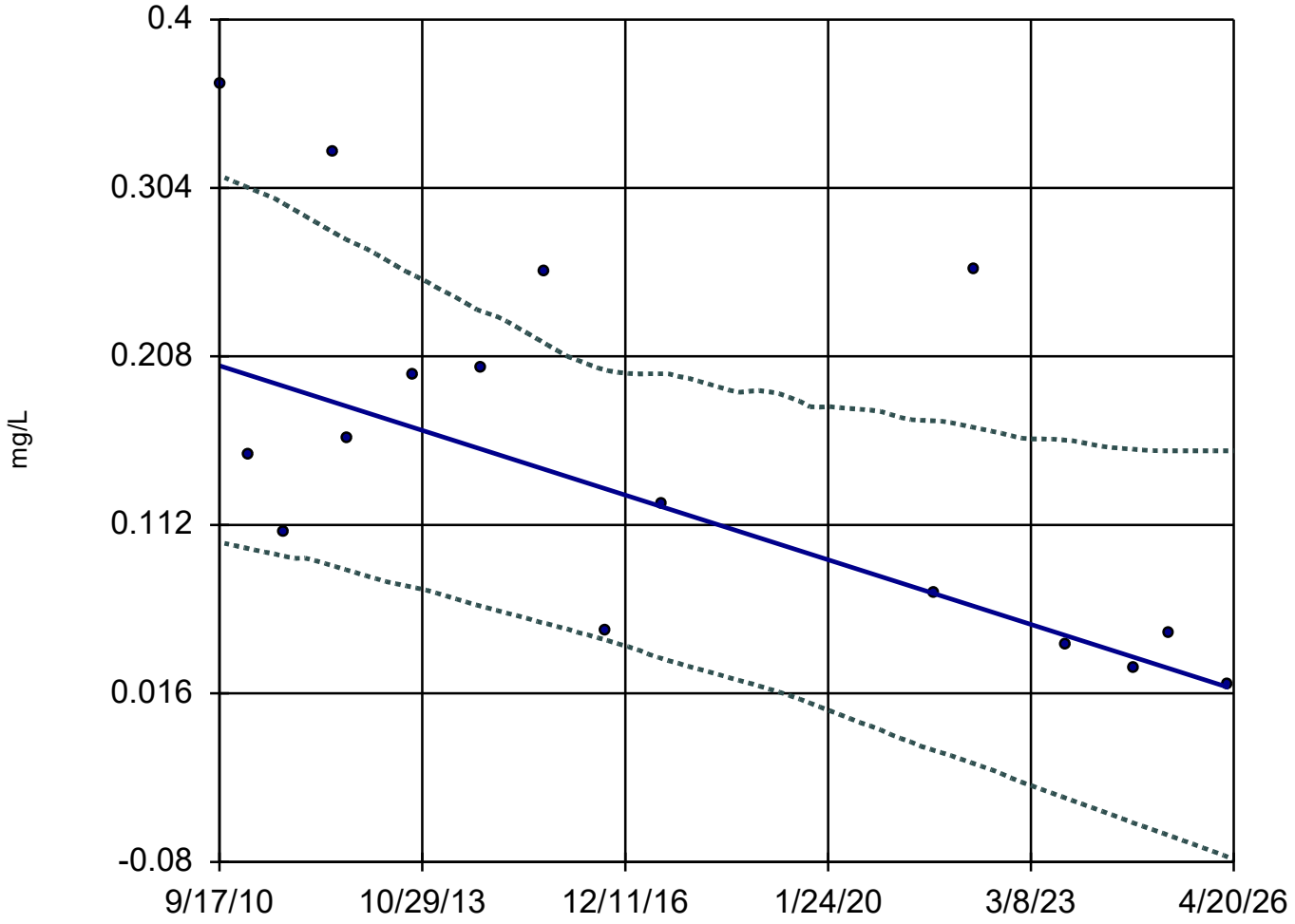
Constituent: Arsenic Analysis Run 8/19/2026 1:04 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

GU-3A



n = 16

Slope = -0.01181 units per year.

Mann-Kendall statistic = -60
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

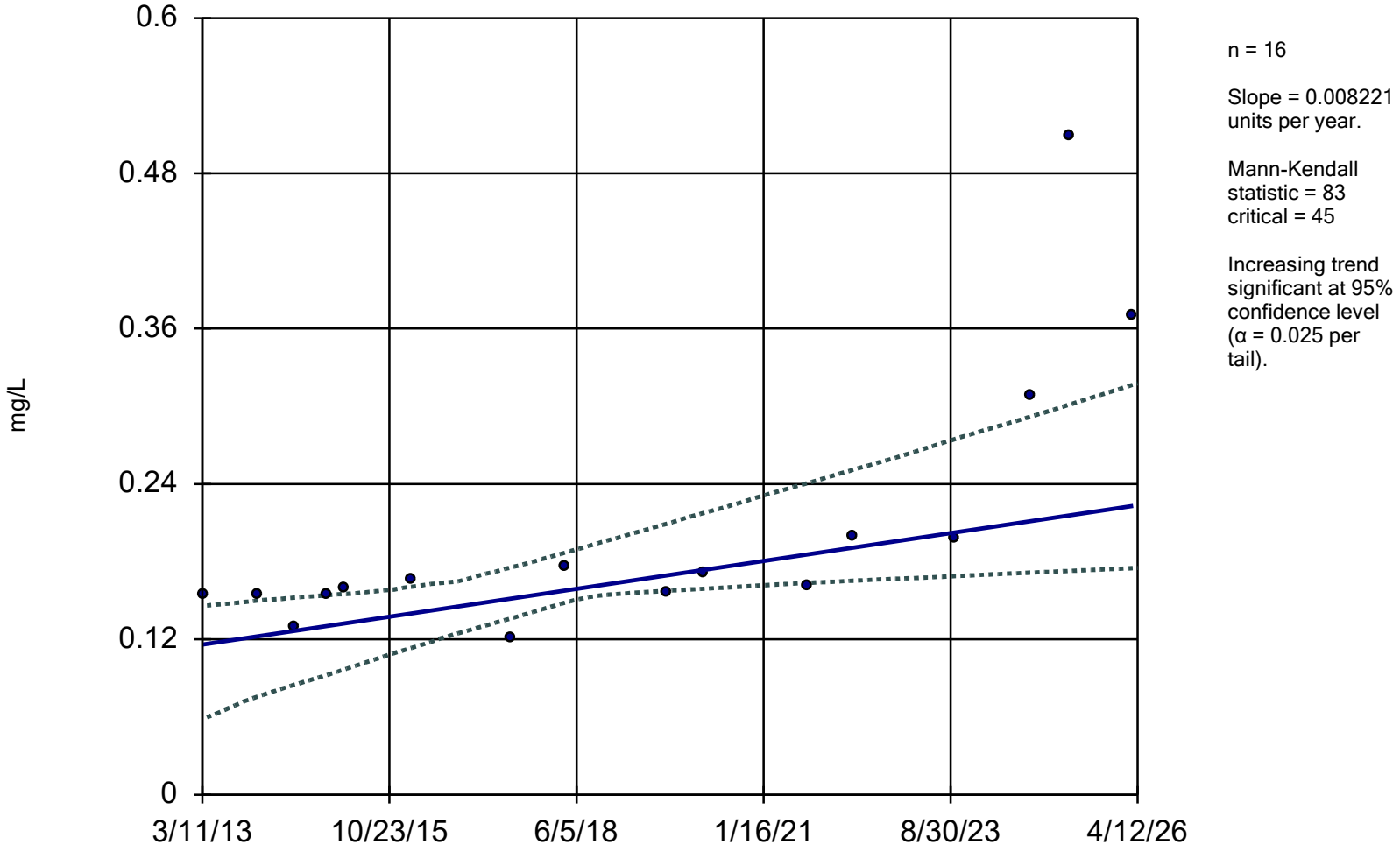
Constituent: Barium Analysis Run 8/19/2026 1:04 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-14R



n = 16

Slope = 0.008221 units per year.

Mann-Kendall statistic = 83
critical = 45

Increasing trend significant at 95% confidence level (α = 0.025 per tail).

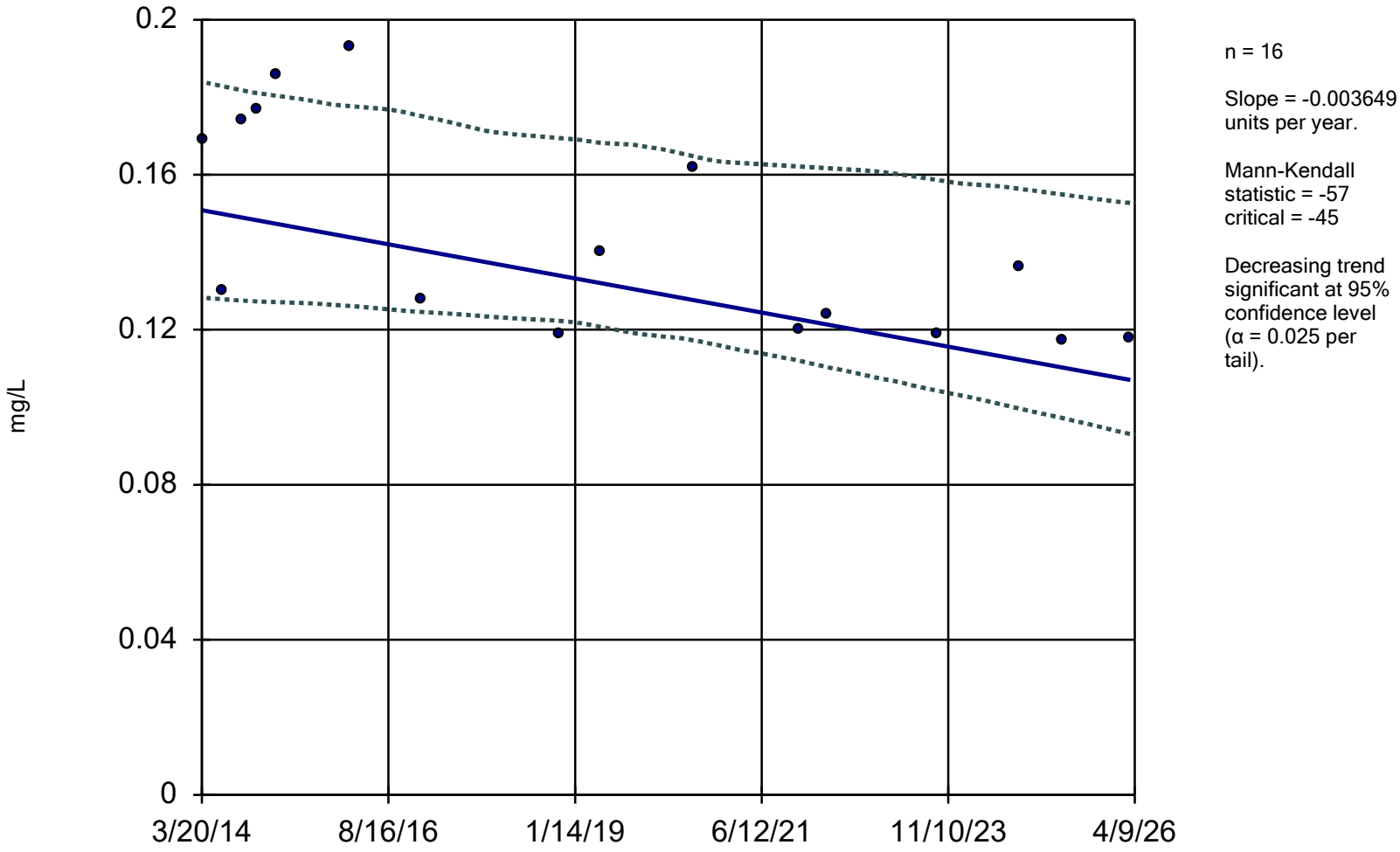
Constituent: Barium Analysis Run 8/19/2026 1:04 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-18



n = 16

Slope = -0.003649 units per year.

Mann-Kendall statistic = -57
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

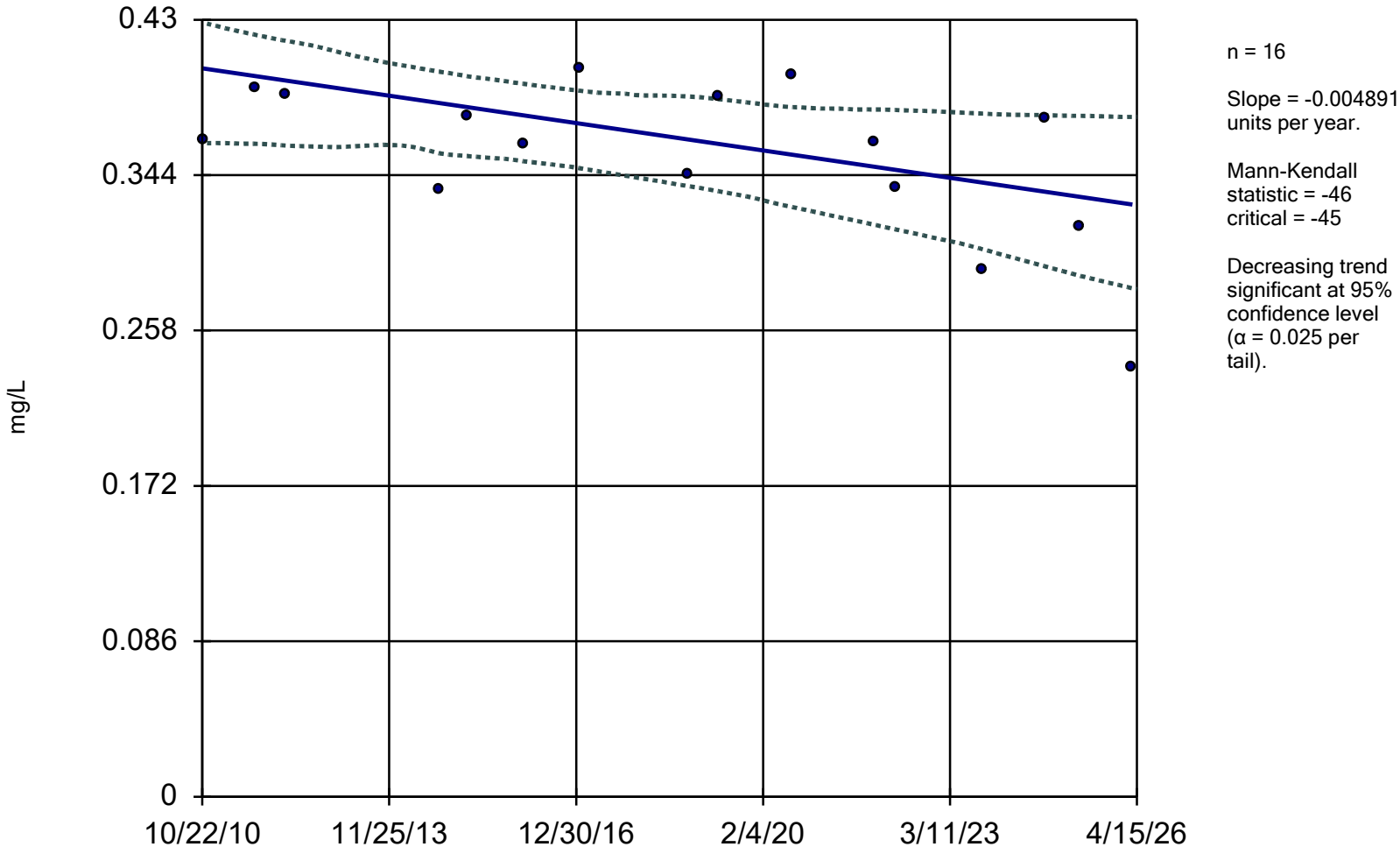
Constituent: Barium Analysis Run 8/19/2026 1:04 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-24R (bg)



n = 16

Slope = -0.004891 units per year.

Mann-Kendall statistic = -46
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

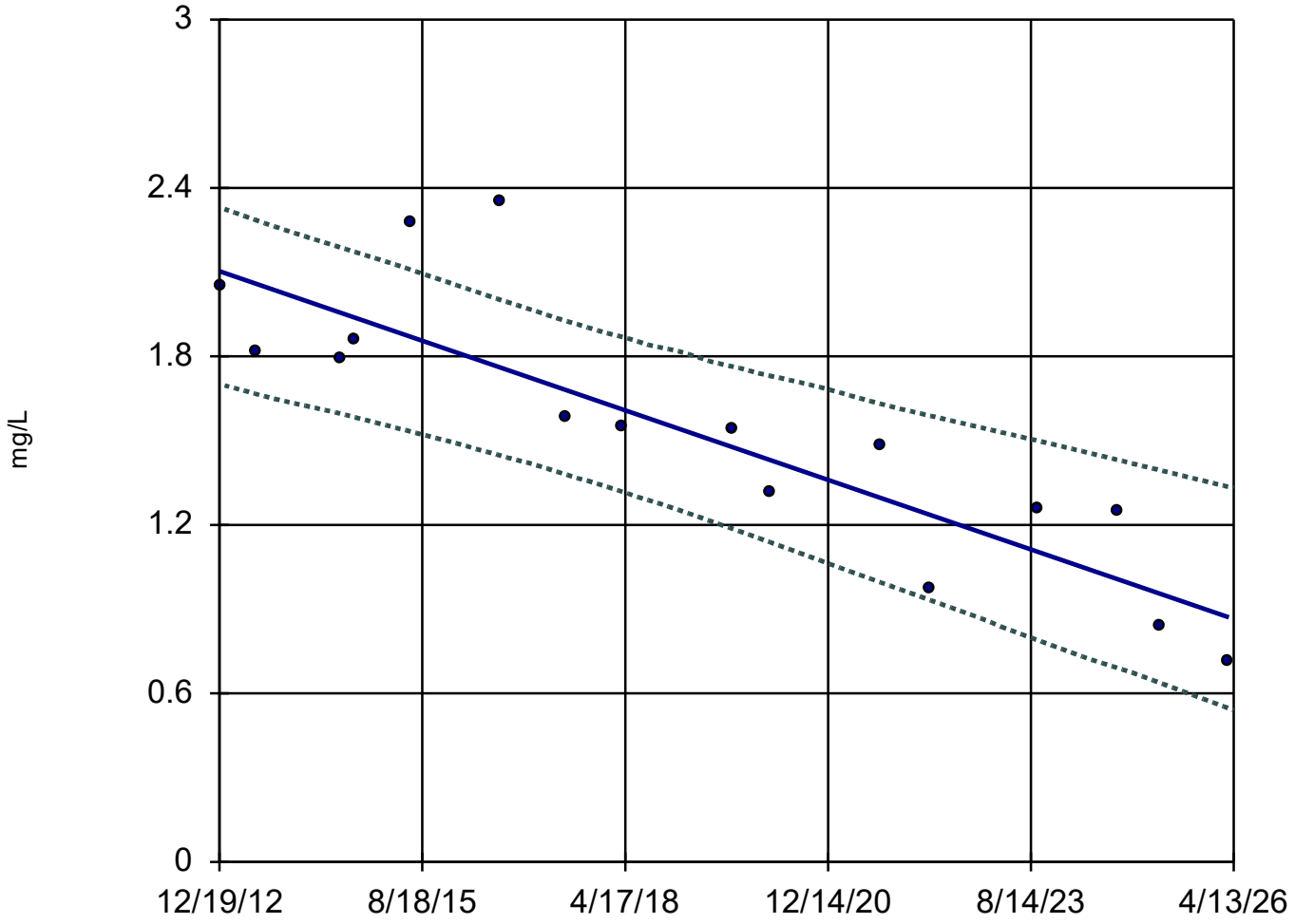
Constituent: Barium Analysis Run 8/19/2026 1:04 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-29



n = 16

Slope = -0.09299 units per year.

Mann-Kendall statistic = -92
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

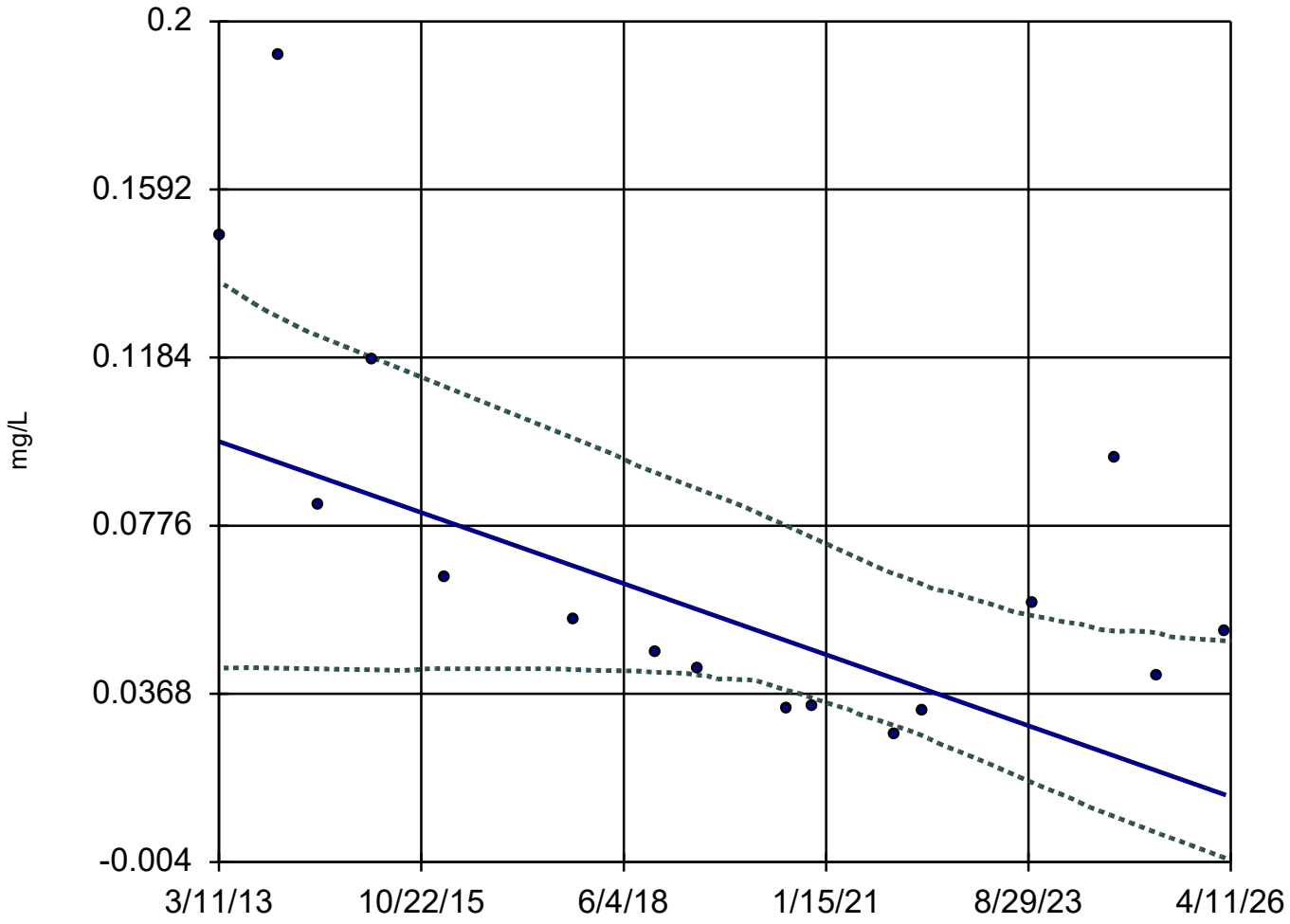
Constituent: Barium Analysis Run 8/19/2026 1:04 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-55



n = 16

Slope = -0.006588 units per year.

Mann-Kendall statistic = -56
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

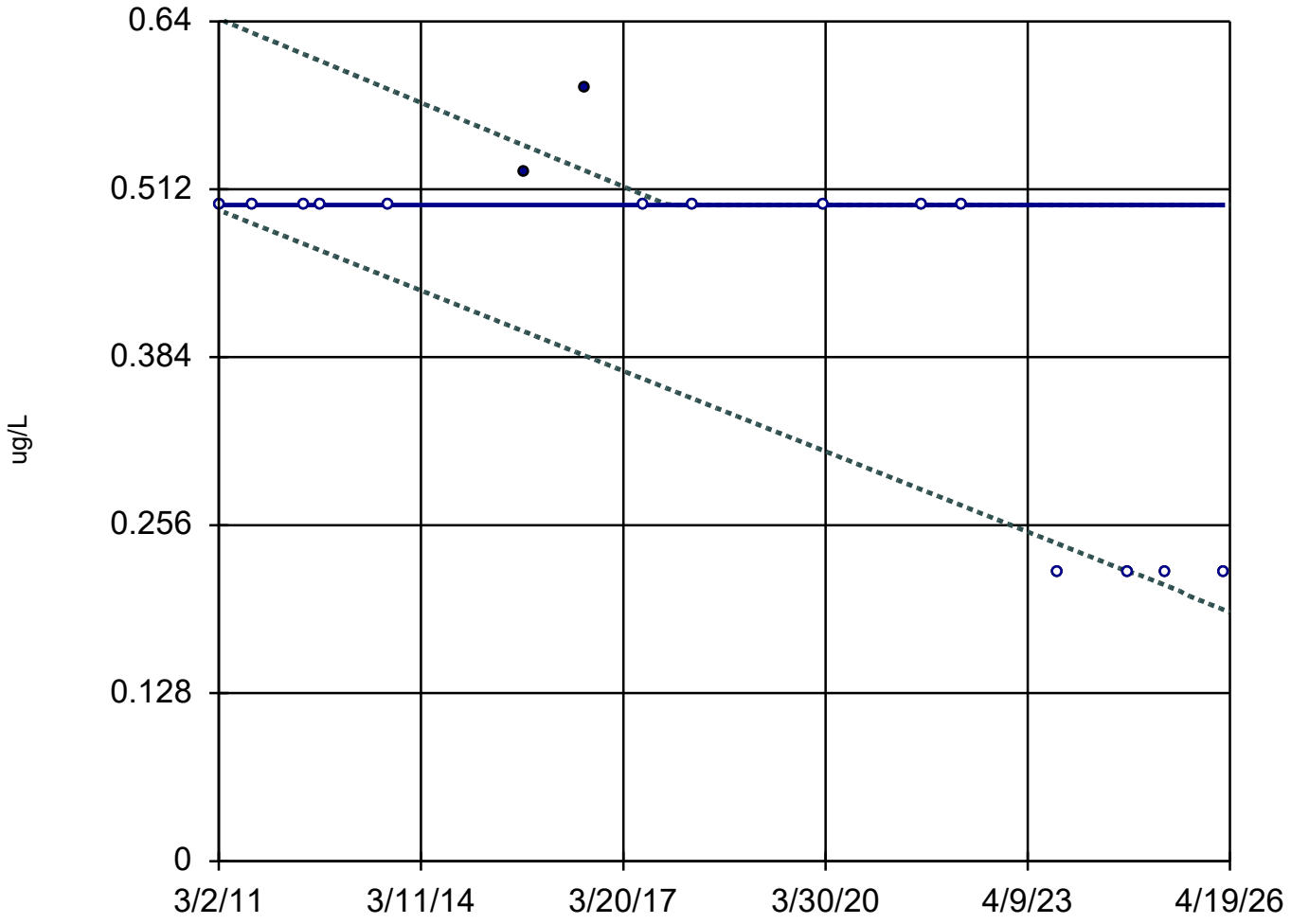
Constituent: Barium Analysis Run 8/19/2026 1:04 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

GU-3A



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -47
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

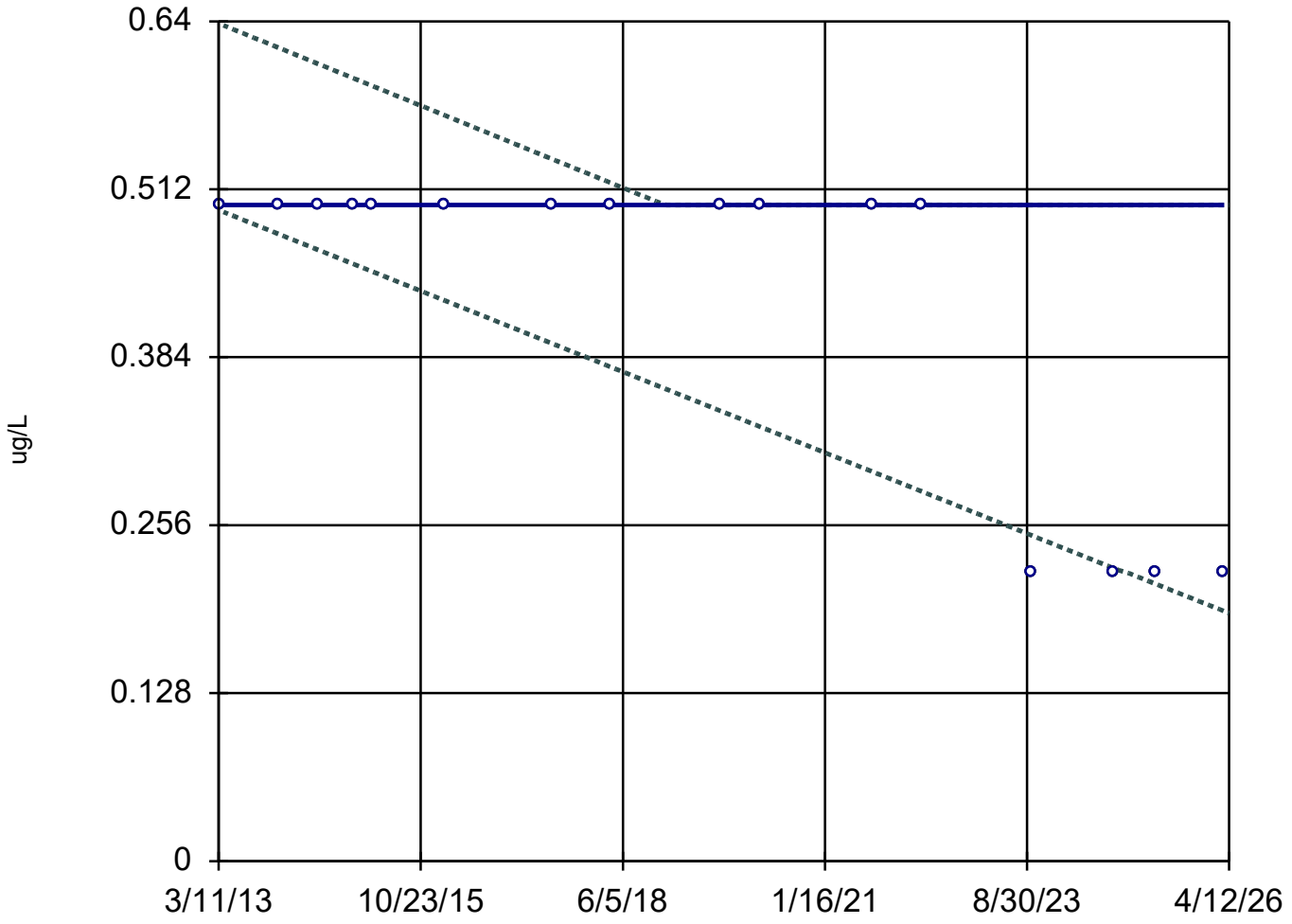
Constituent: Benzene Analysis Run 8/19/2026 1:04 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-14R



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

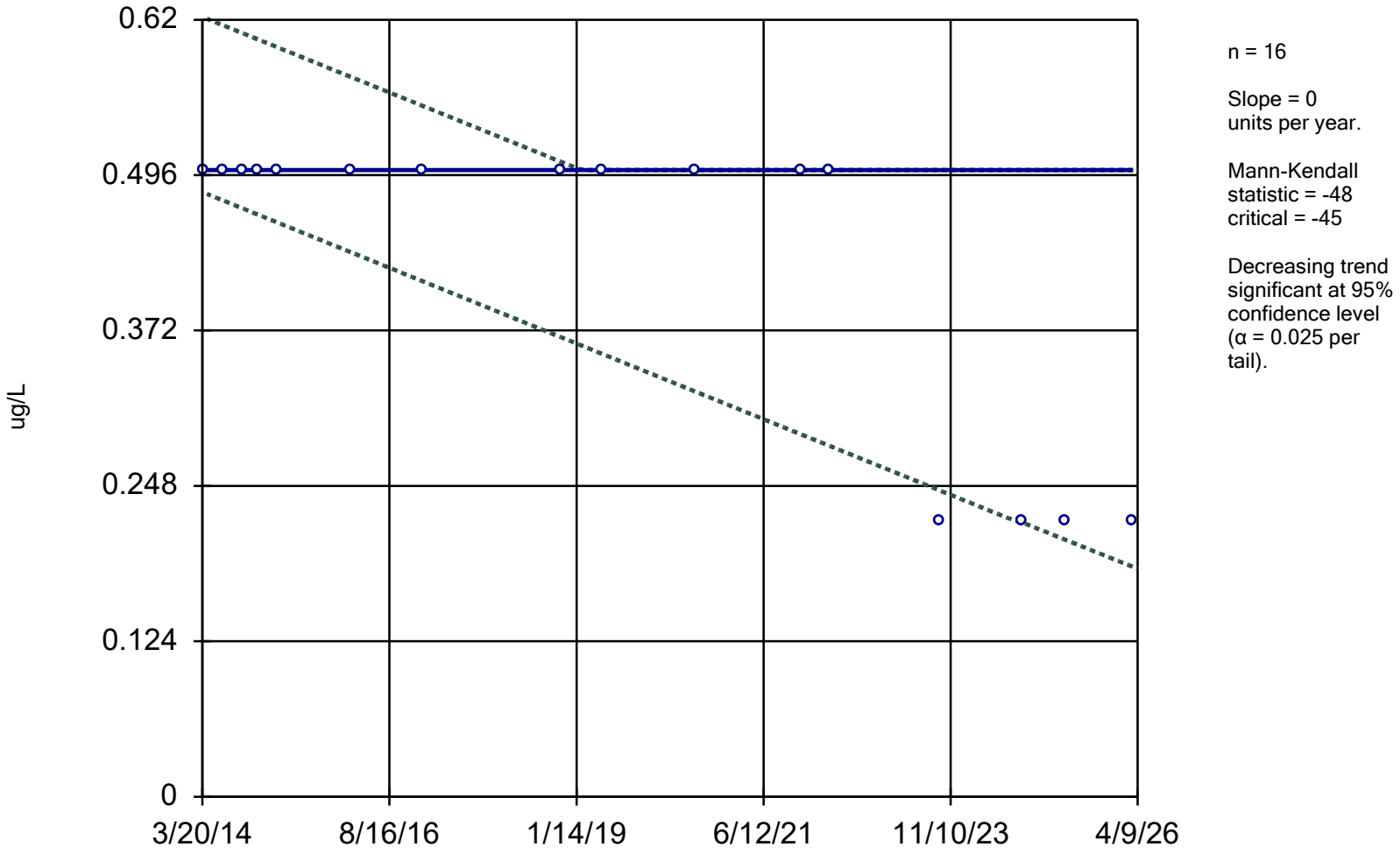
Constituent: Benzene Analysis Run 8/19/2026 1:04 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-18



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

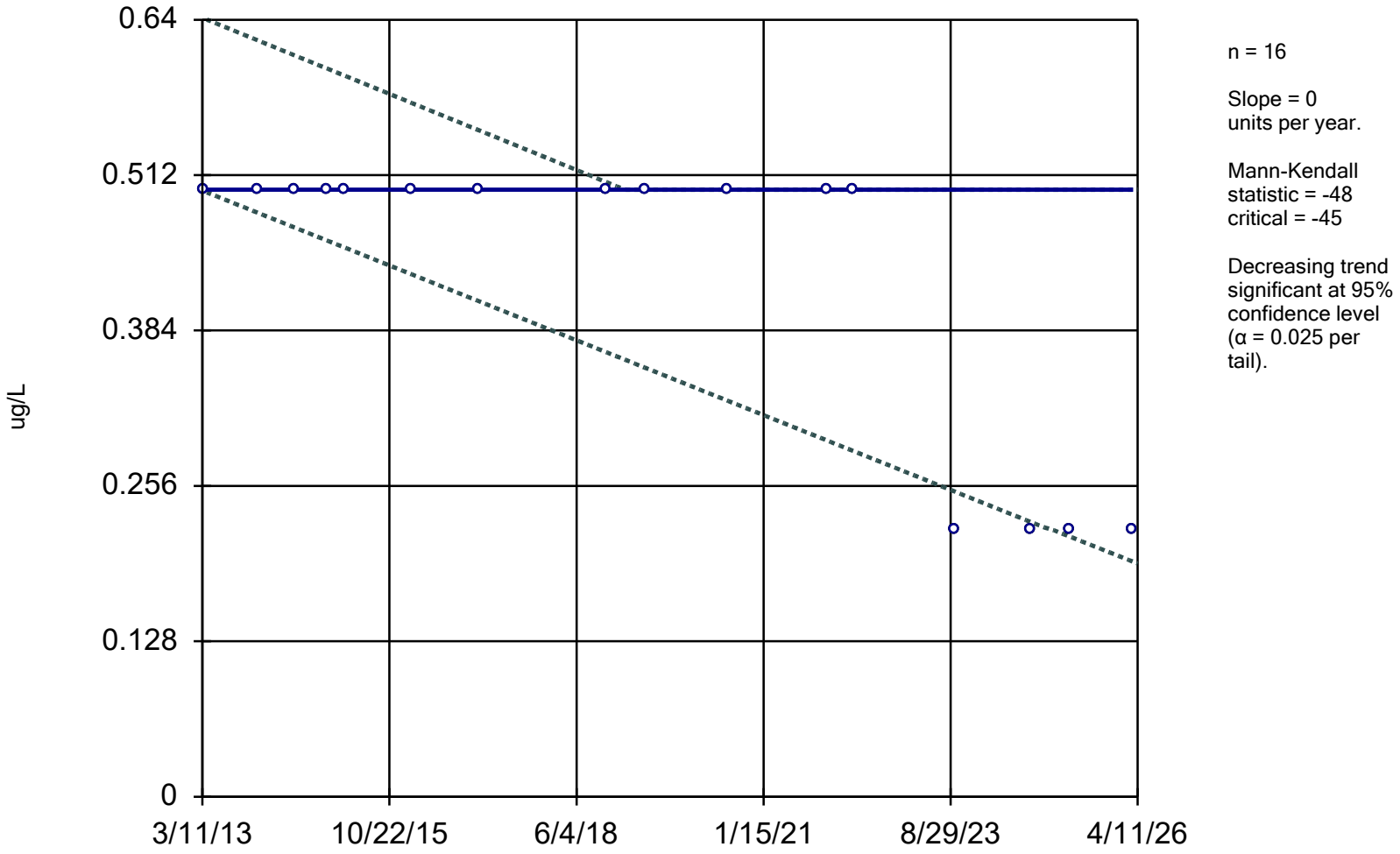
Constituent: Benzene Analysis Run 8/19/2026 1:04 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-19



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

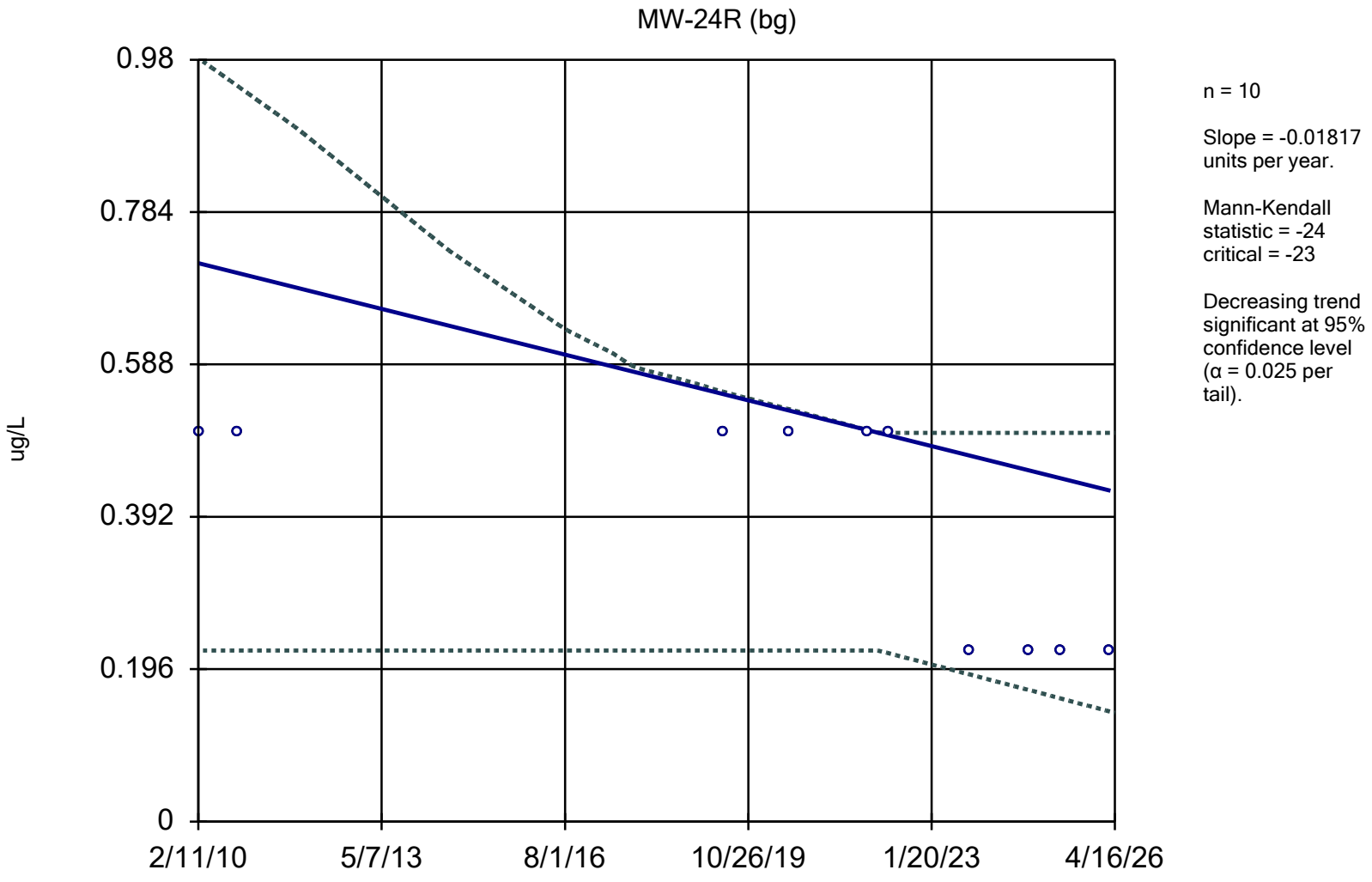
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Benzene Analysis Run 8/19/2026 1:04 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



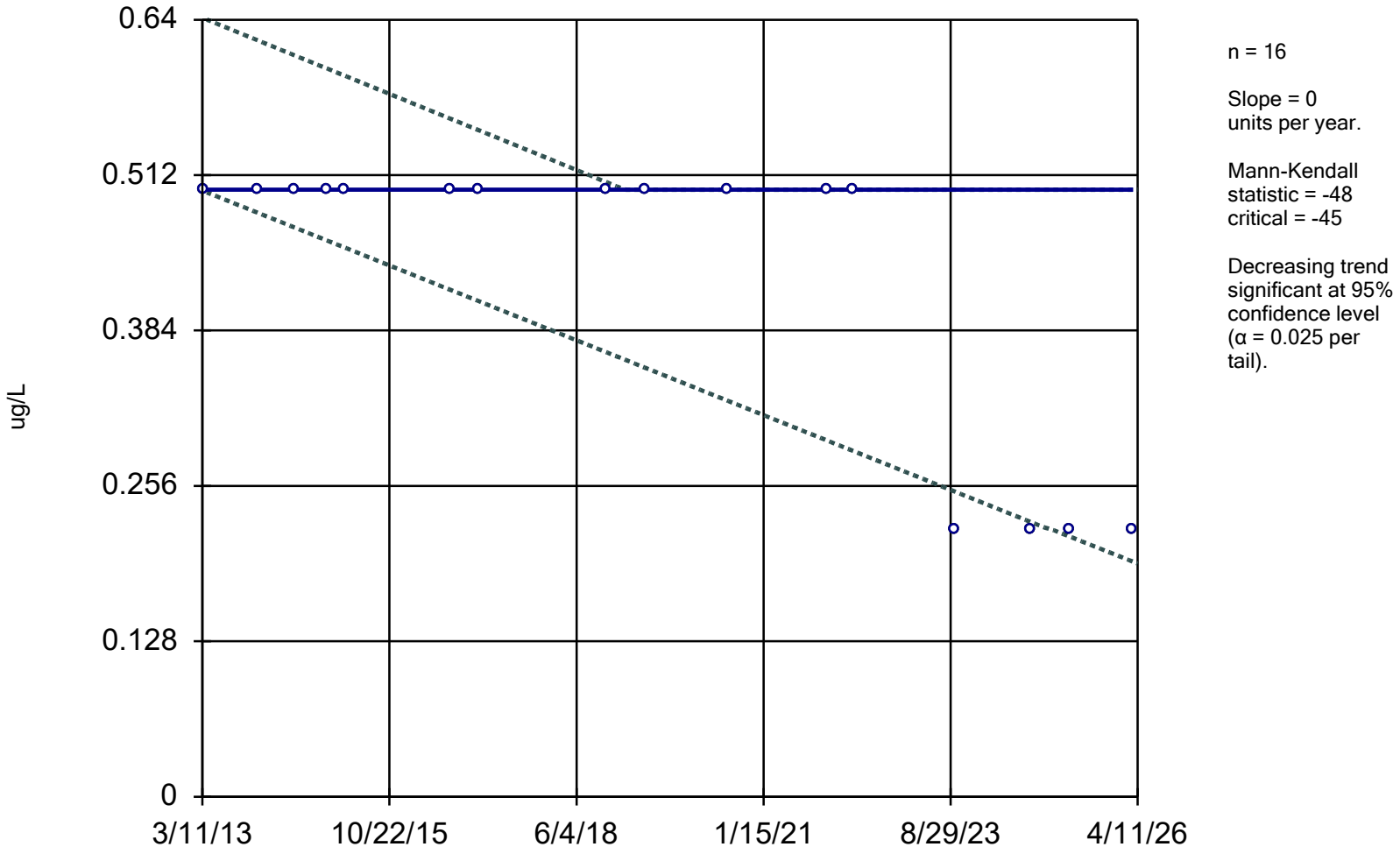
Constituent: Benzene Analysis Run 8/19/2026 1:04 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-28



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

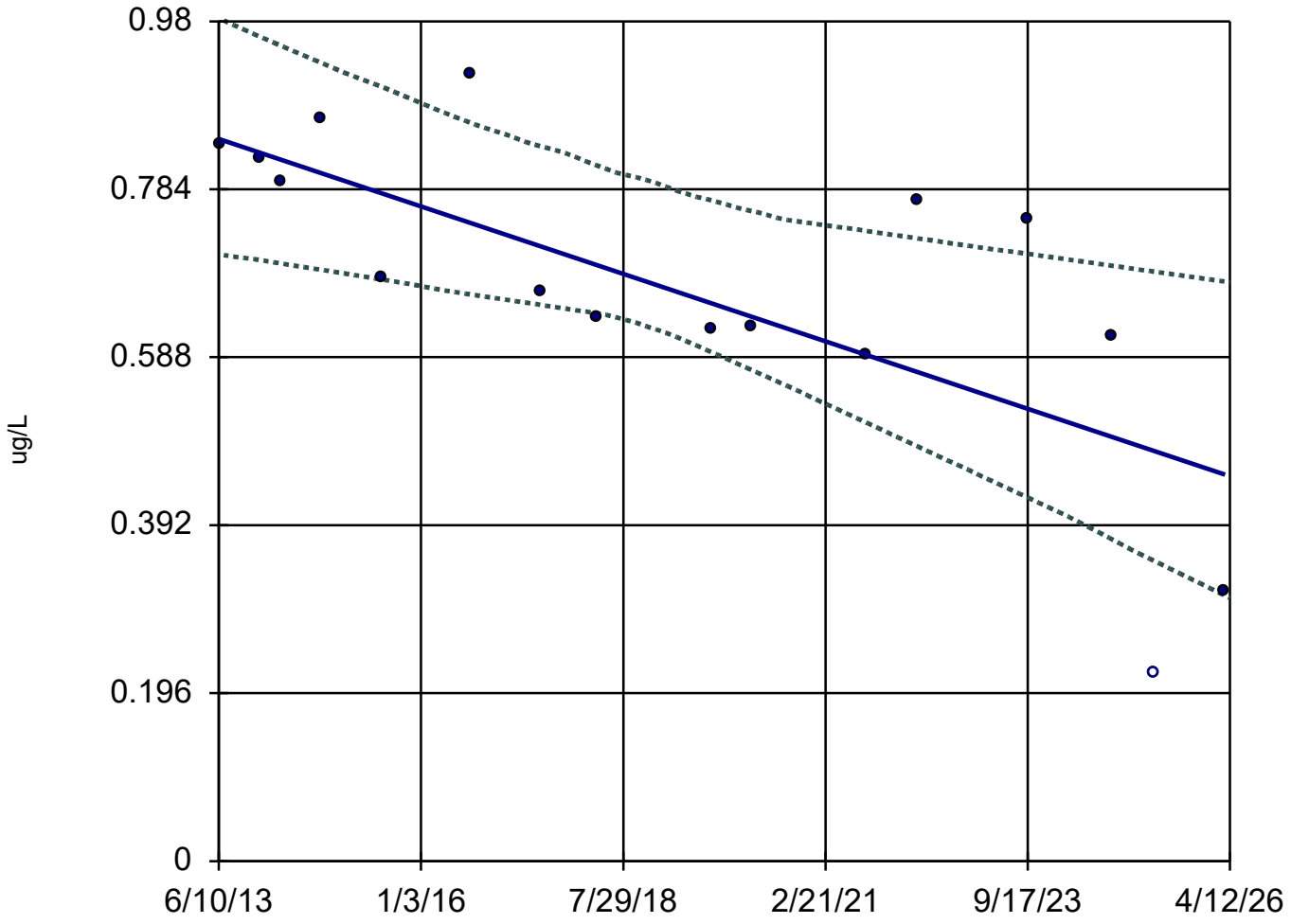
Constituent: Benzene Analysis Run 8/19/2026 1:04 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-30R



n = 16

Slope = -0.03063 units per year.

Mann-Kendall statistic = -74
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

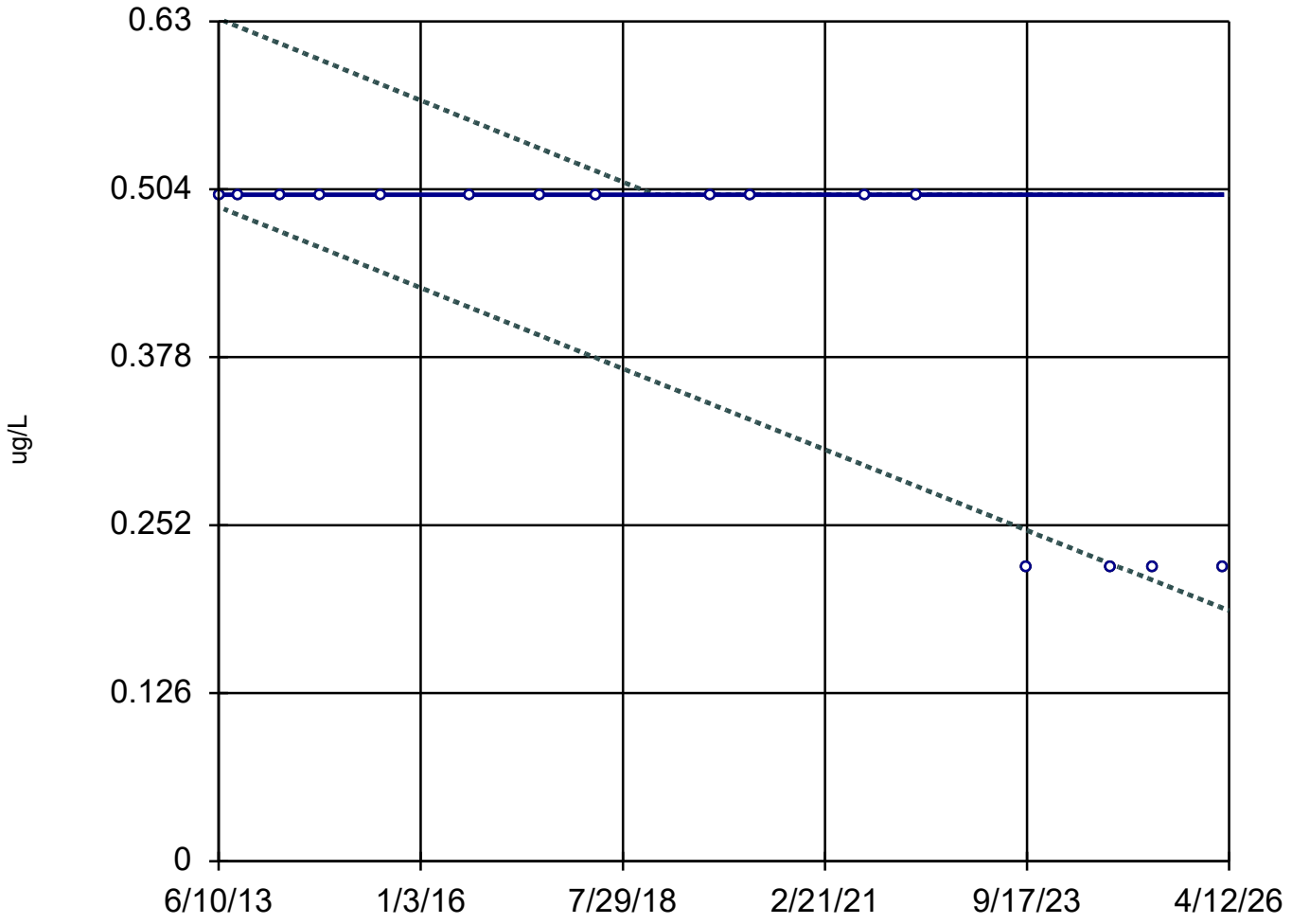
Constituent: Benzene Analysis Run 8/19/2026 1:04 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-33R



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

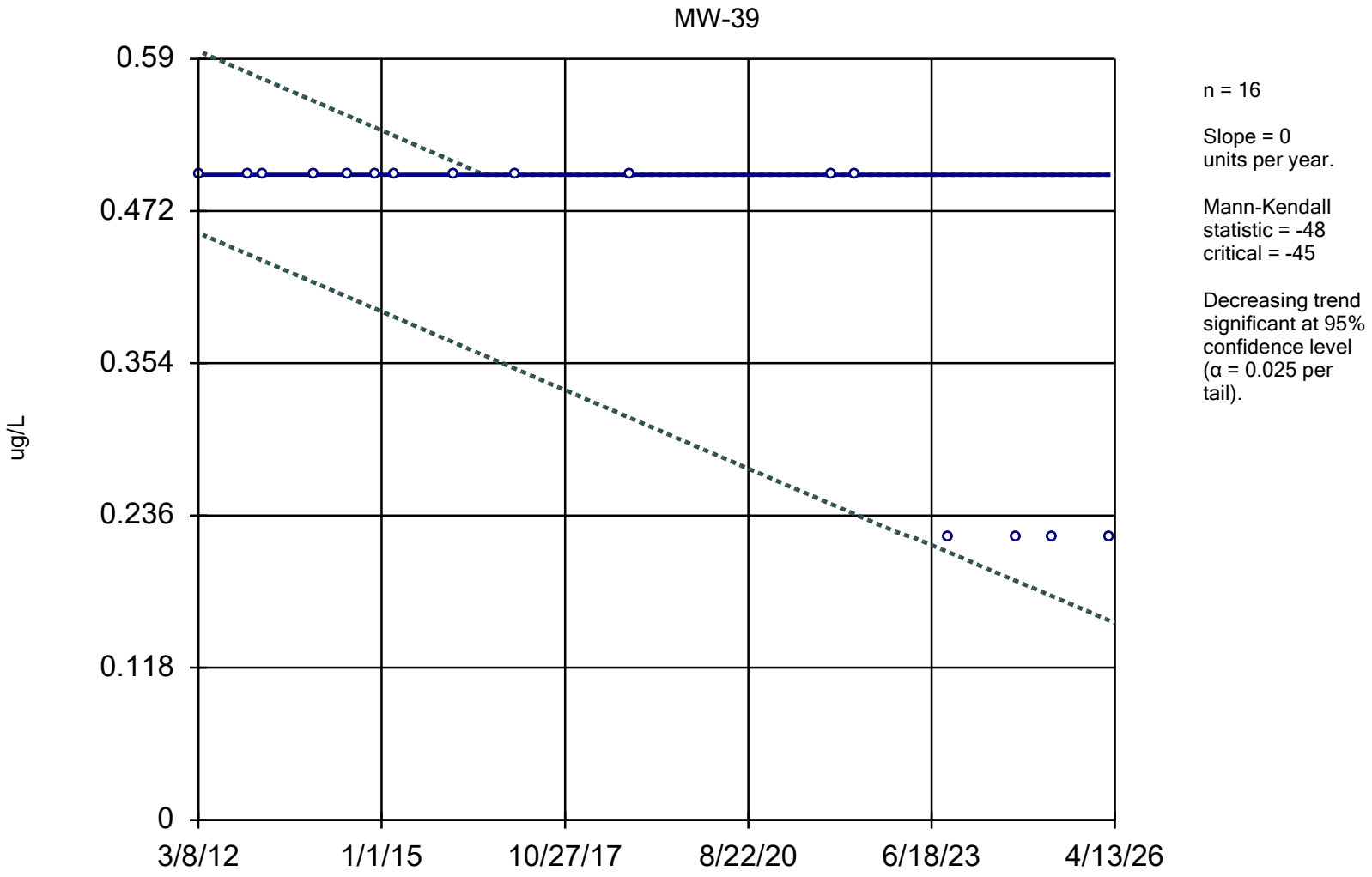
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Benzene Analysis Run 8/19/2026 1:04 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

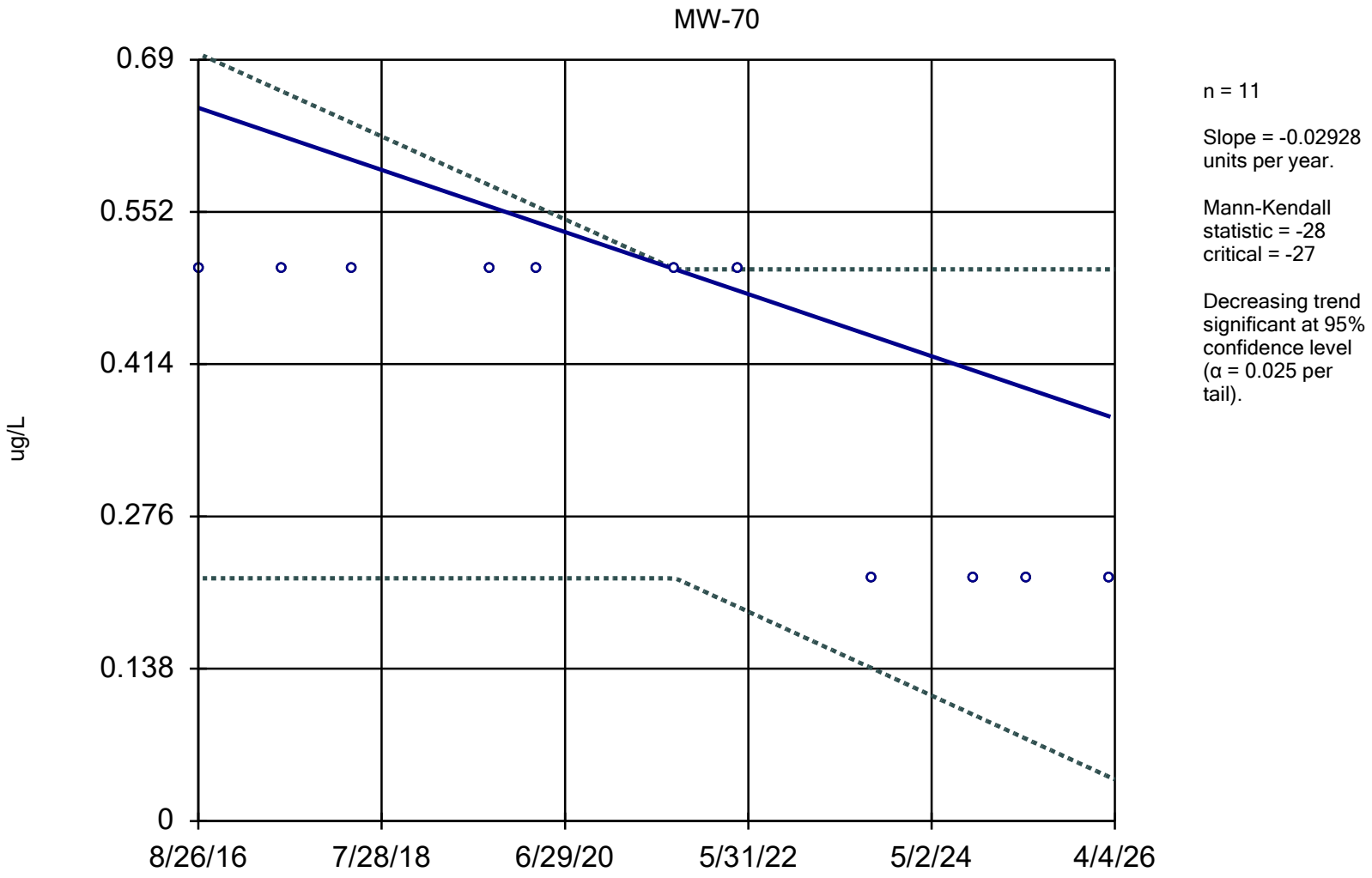


Constituent: Benzene Analysis Run 8/19/2026 1:04 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

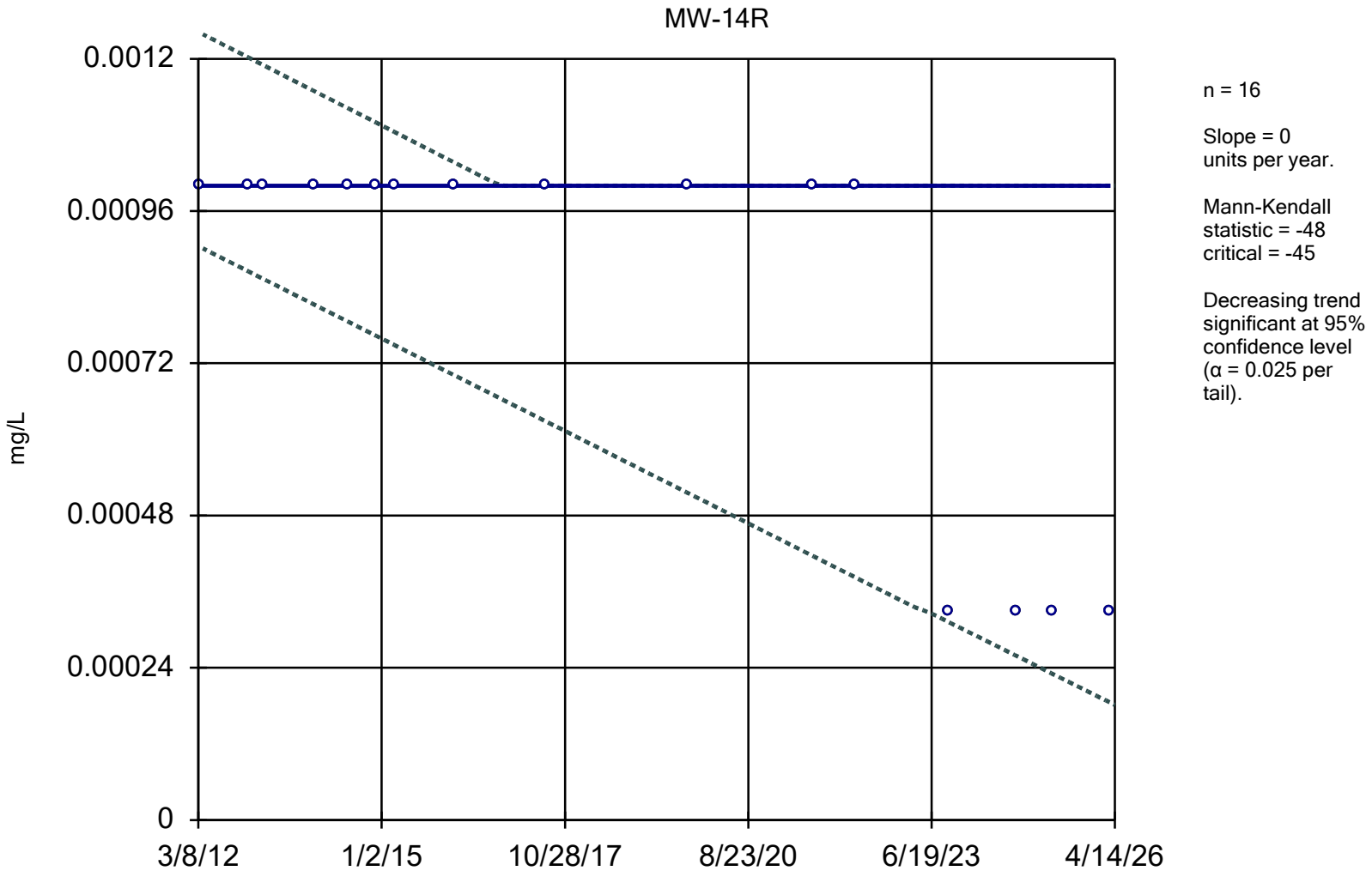


Constituent: Benzene Analysis Run 8/19/2026 1:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

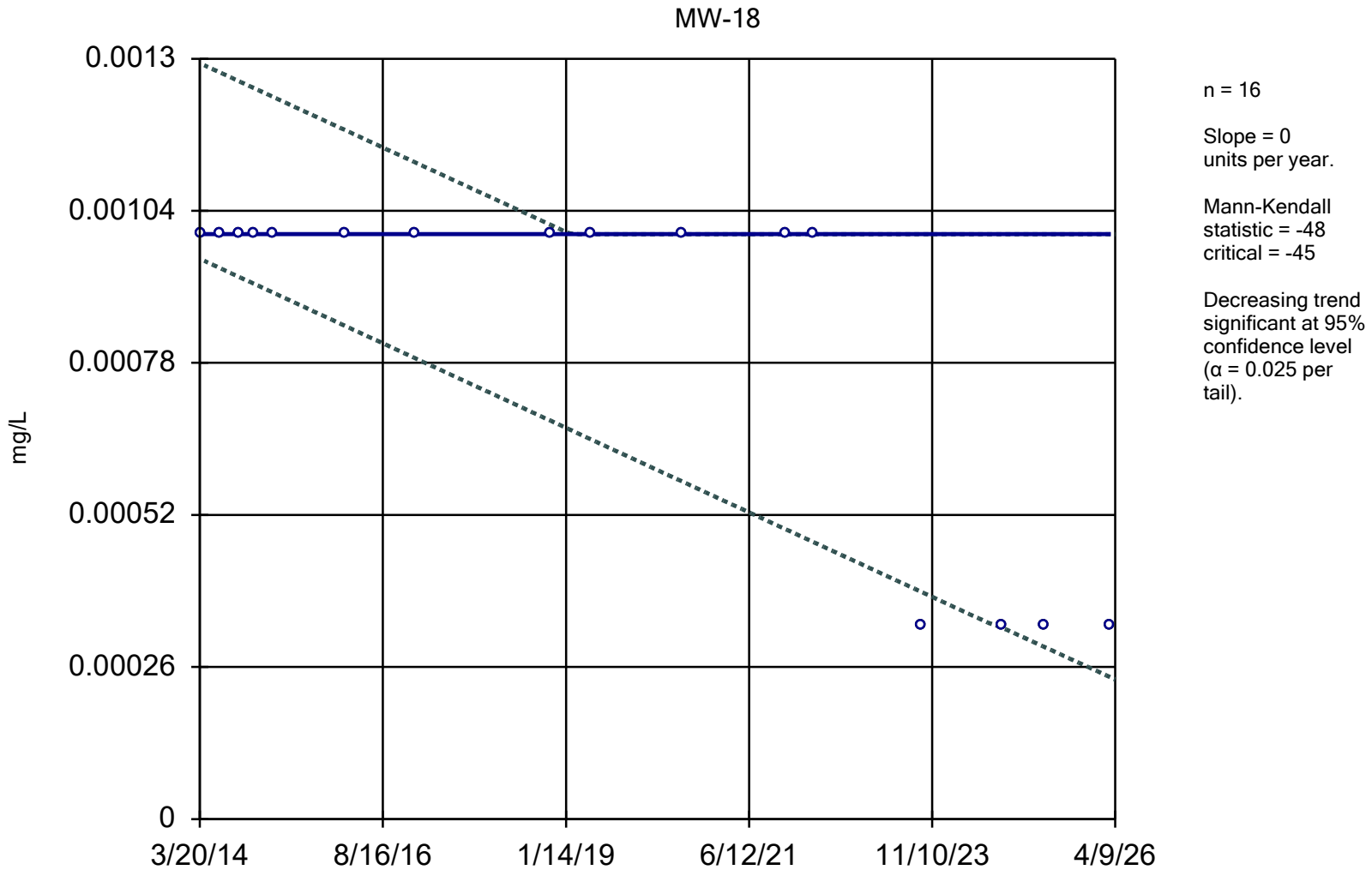


Constituent: Beryllium Analysis Run 8/19/2026 1:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

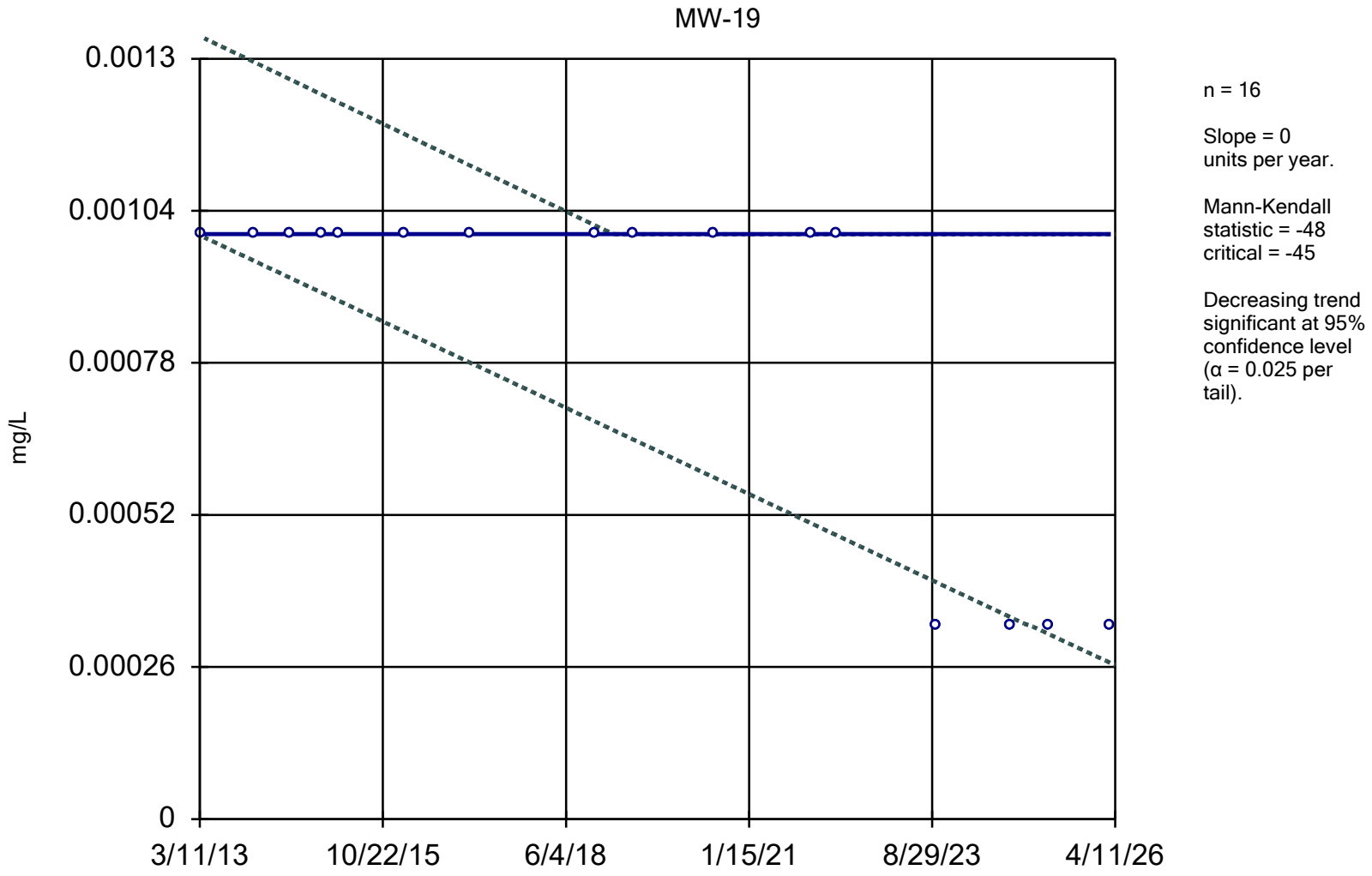


Constituent: Beryllium Analysis Run 8/19/2026 1:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

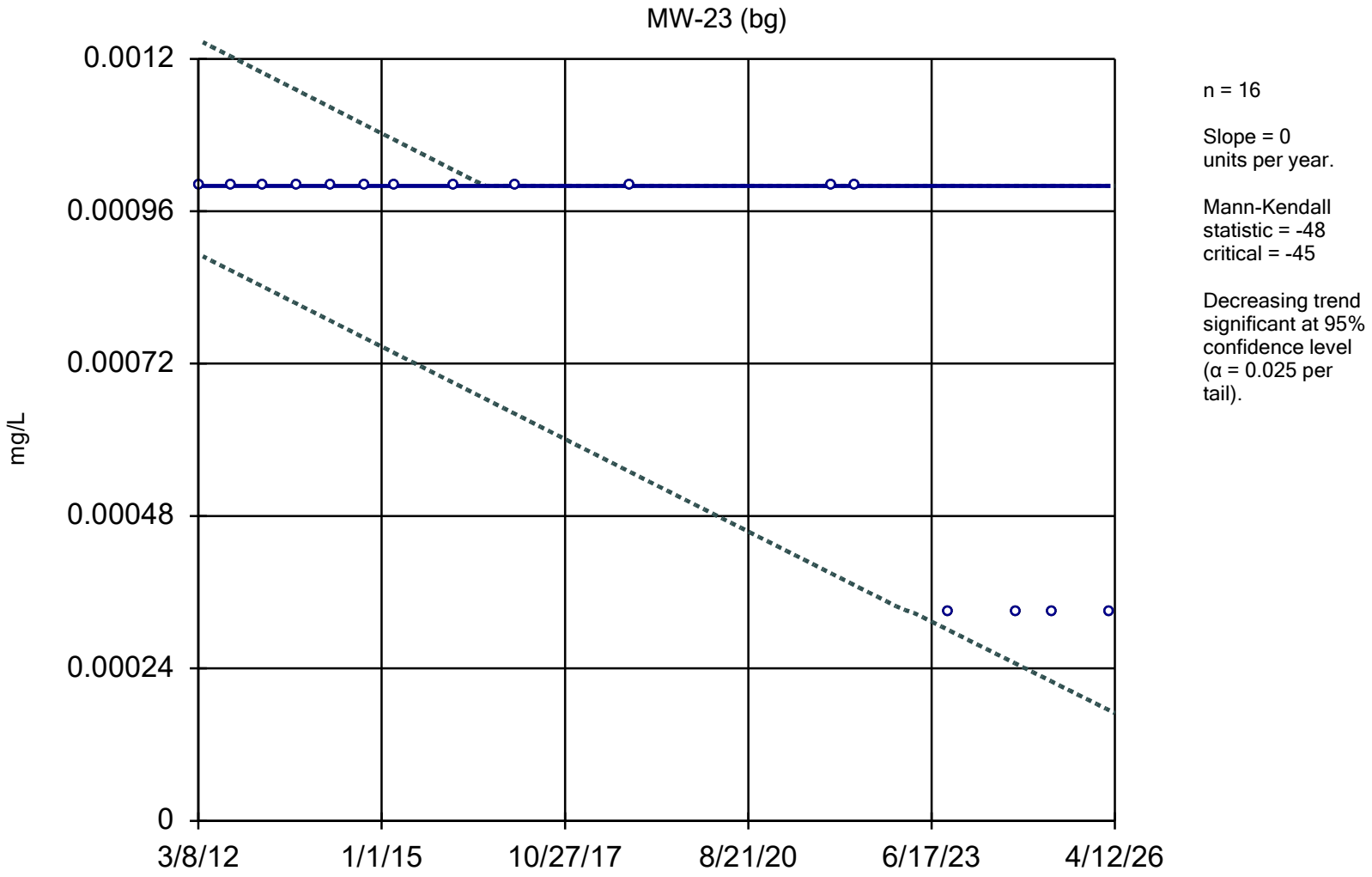


Constituent: Beryllium Analysis Run 8/19/2026 1:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

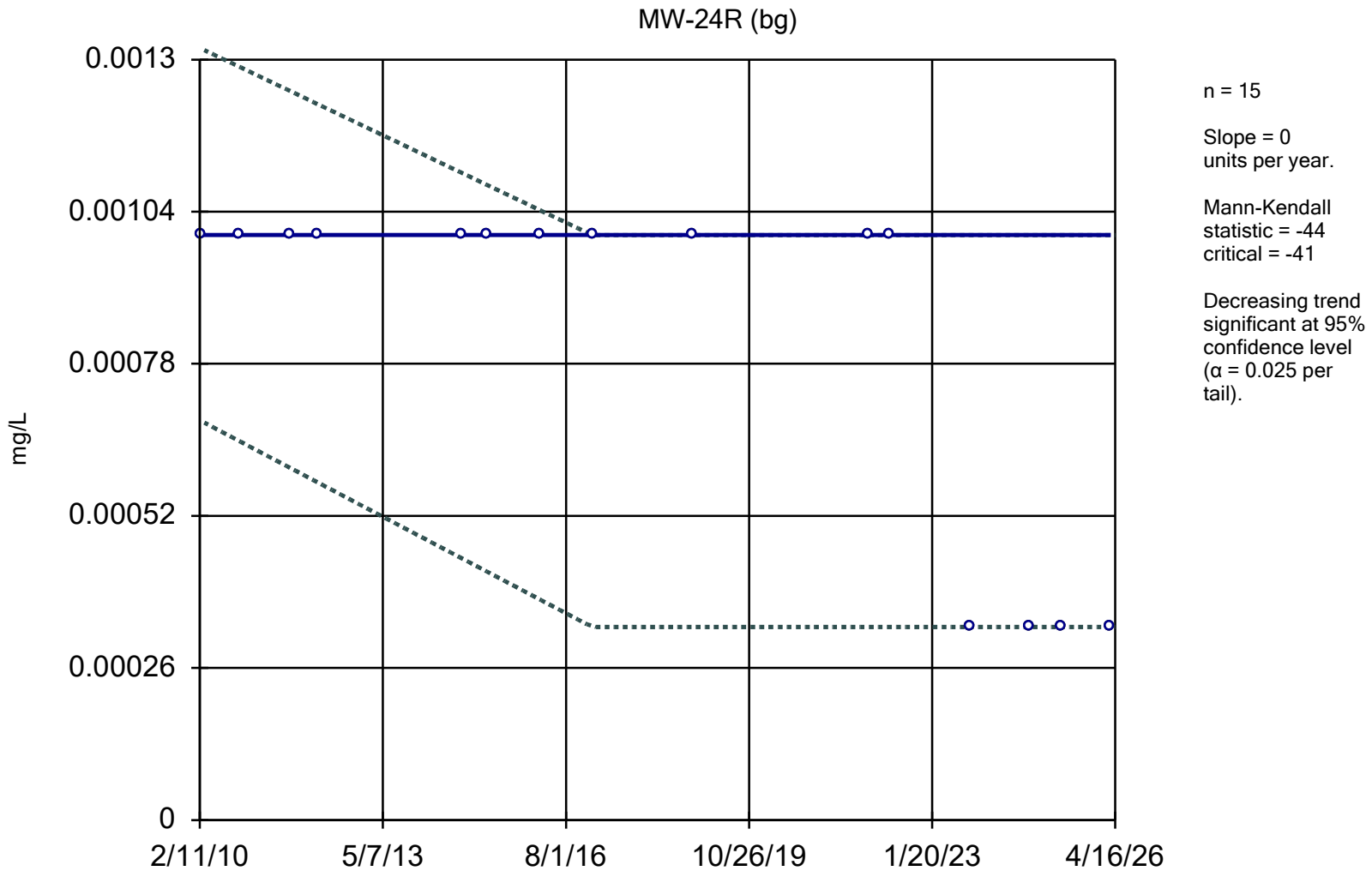


Constituent: Beryllium Analysis Run 8/19/2026 1:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

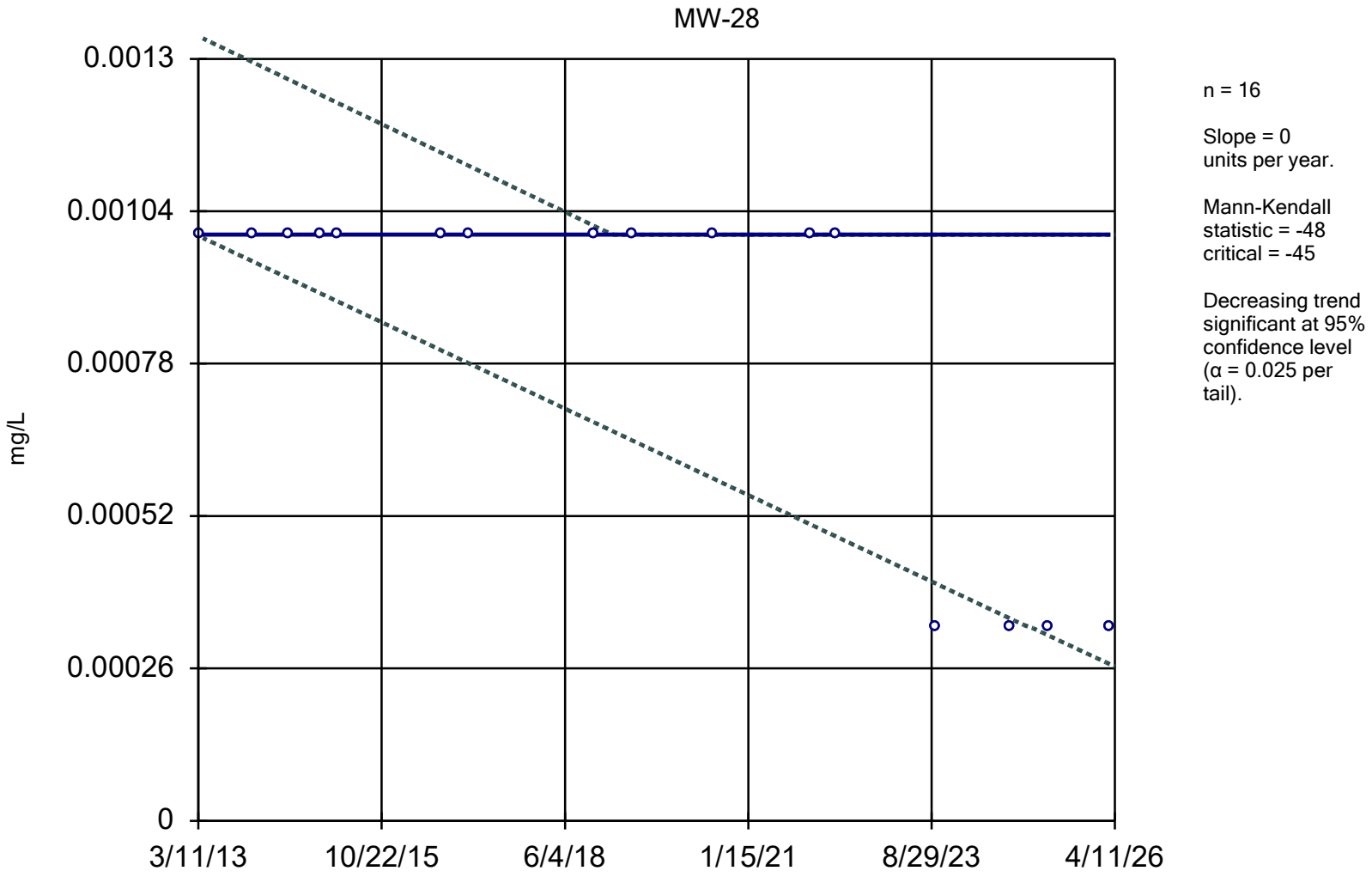


Constituent: Beryllium Analysis Run 8/19/2026 1:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



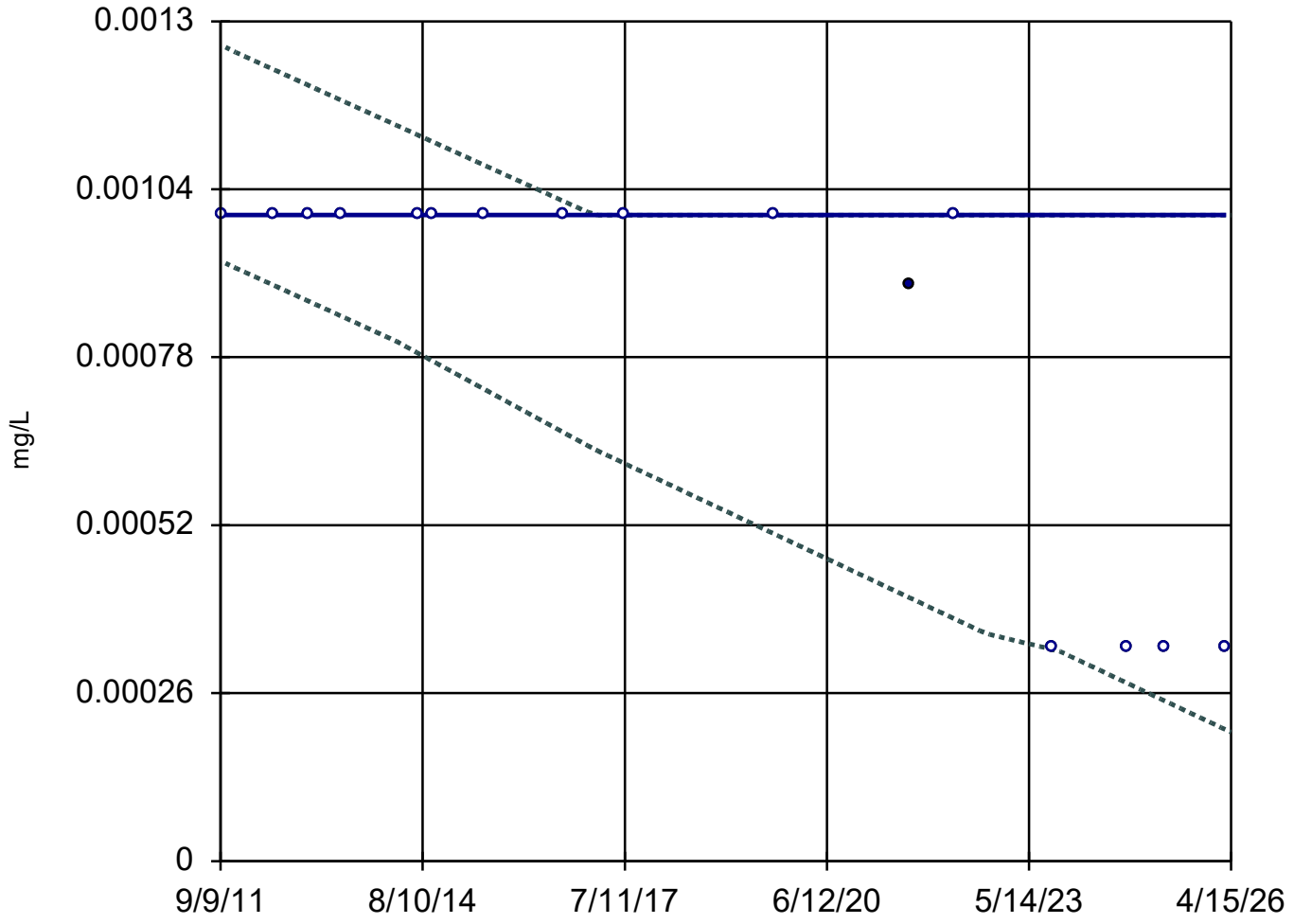
Constituent: Beryllium Analysis Run 8/19/2026 1:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-29



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -57
critical = -45

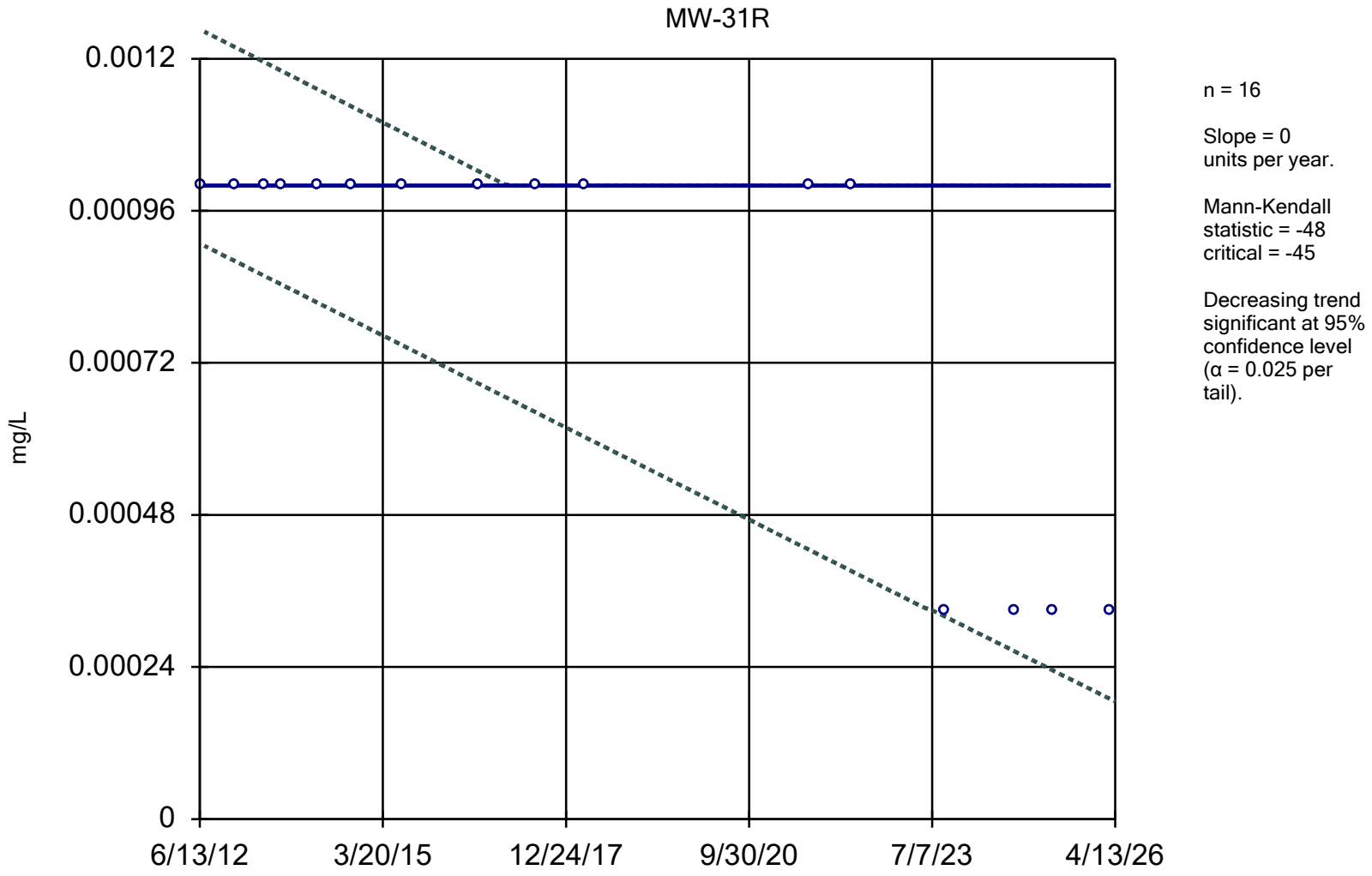
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Beryllium Analysis Run 8/19/2026 1:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

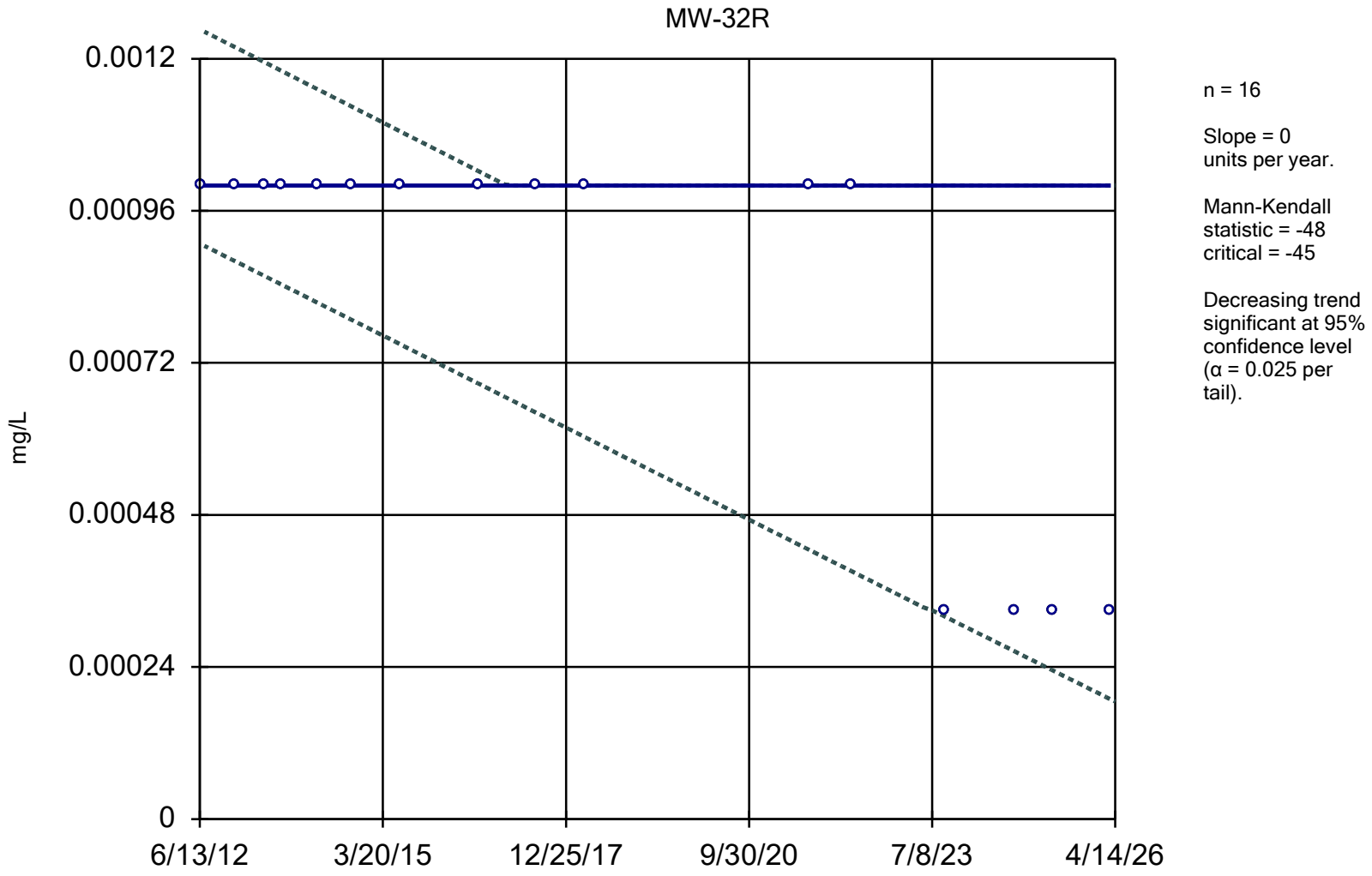


Constituent: Beryllium Analysis Run 8/19/2026 1:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

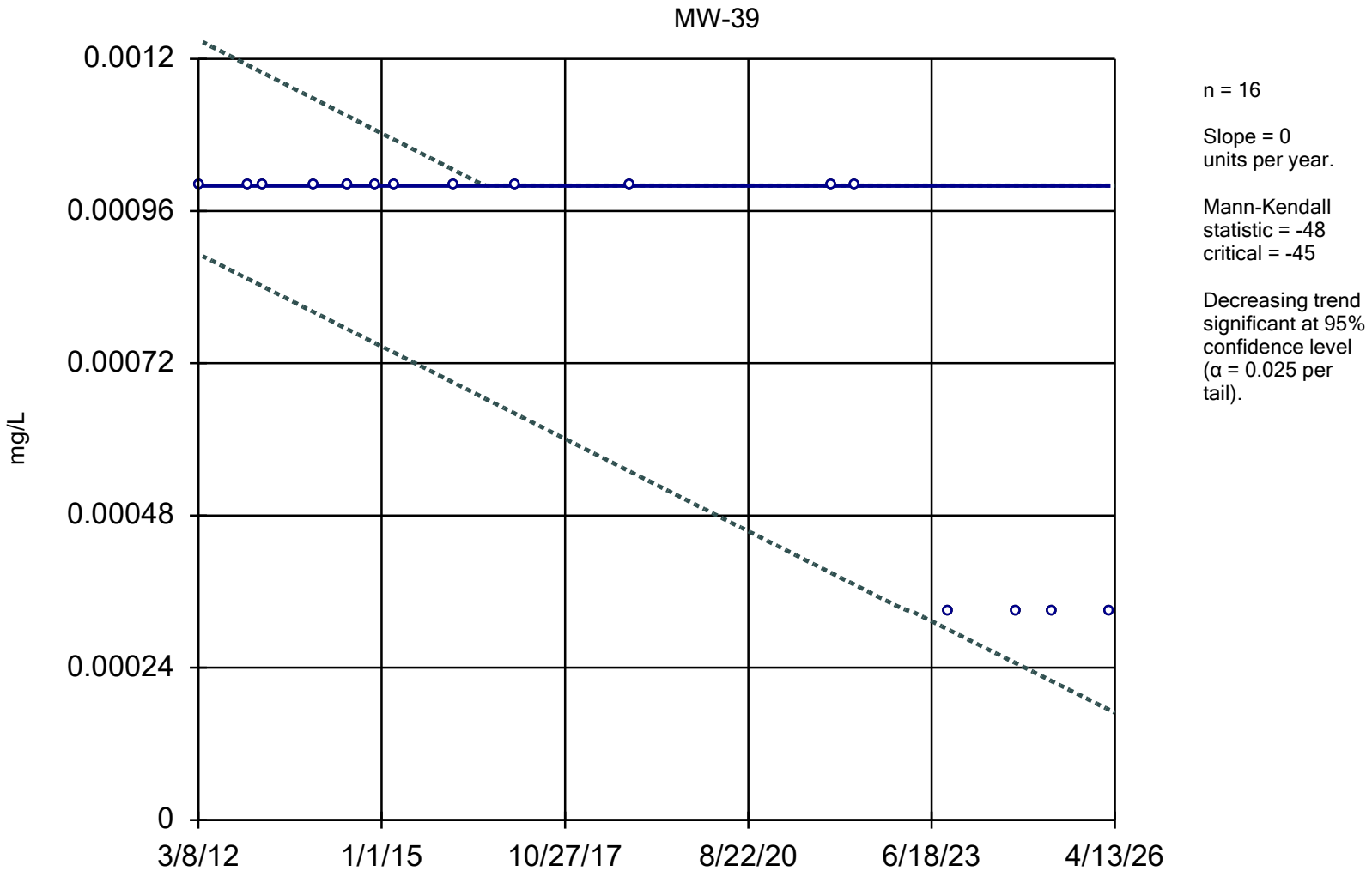


Constituent: Beryllium Analysis Run 8/19/2026 1:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



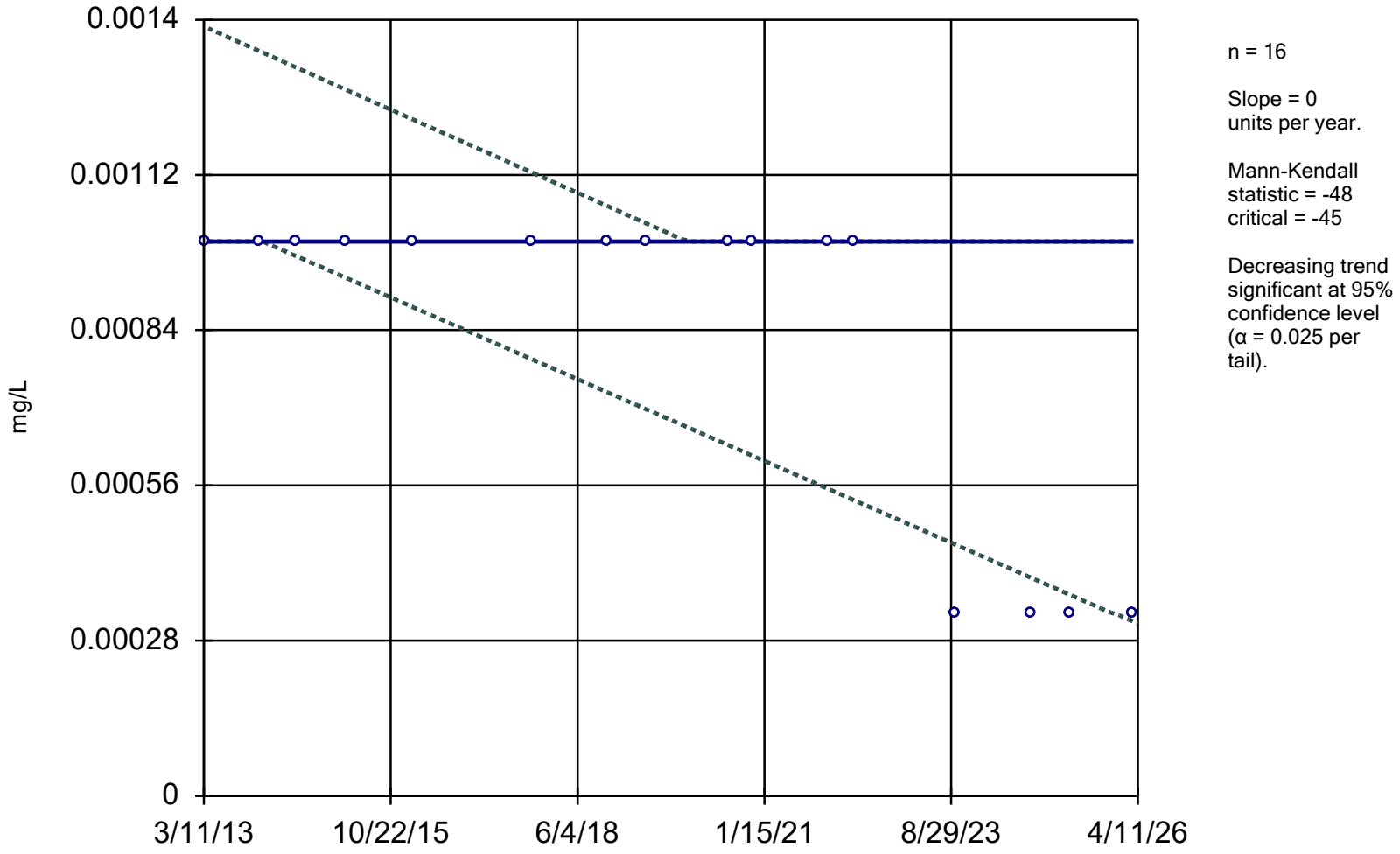
Constituent: Beryllium Analysis Run 8/19/2026 1:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-55



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

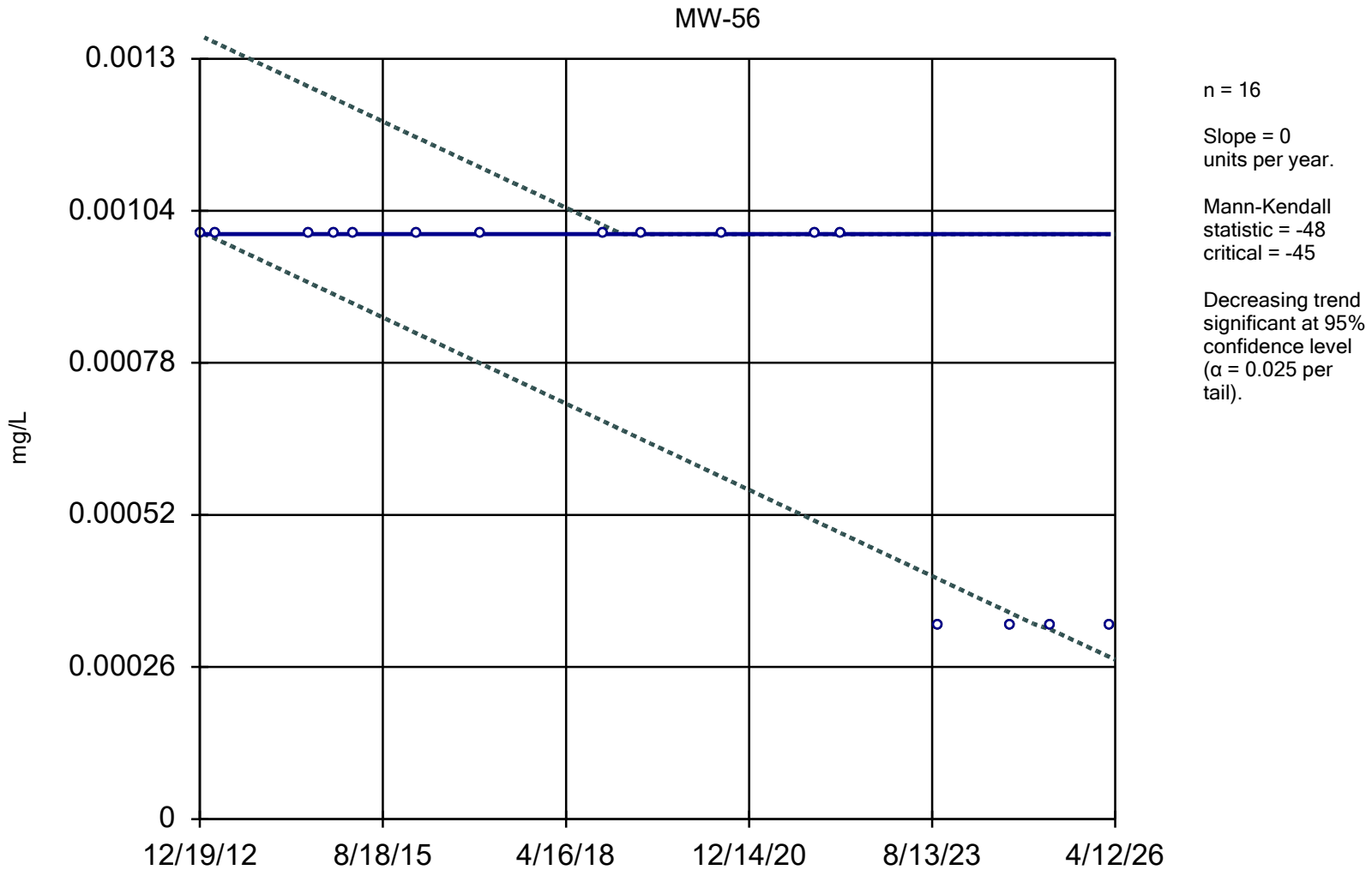
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Beryllium Analysis Run 8/19/2026 1:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



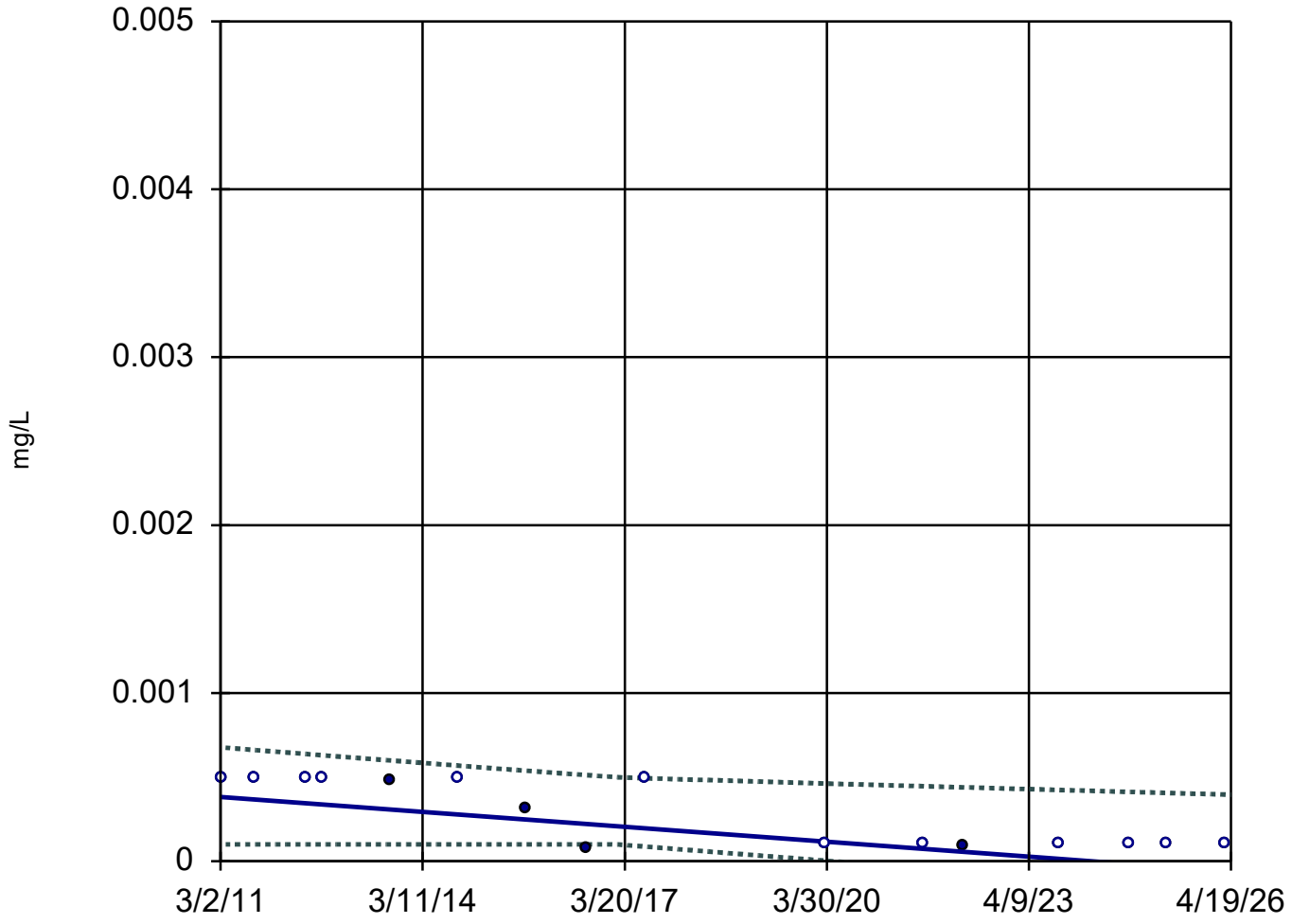
Constituent: Beryllium Analysis Run 8/19/2026 1:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

GU-3A



n = 16

Slope = -0.00002934 units per year.

Mann-Kendall statistic = -60
critical = -45

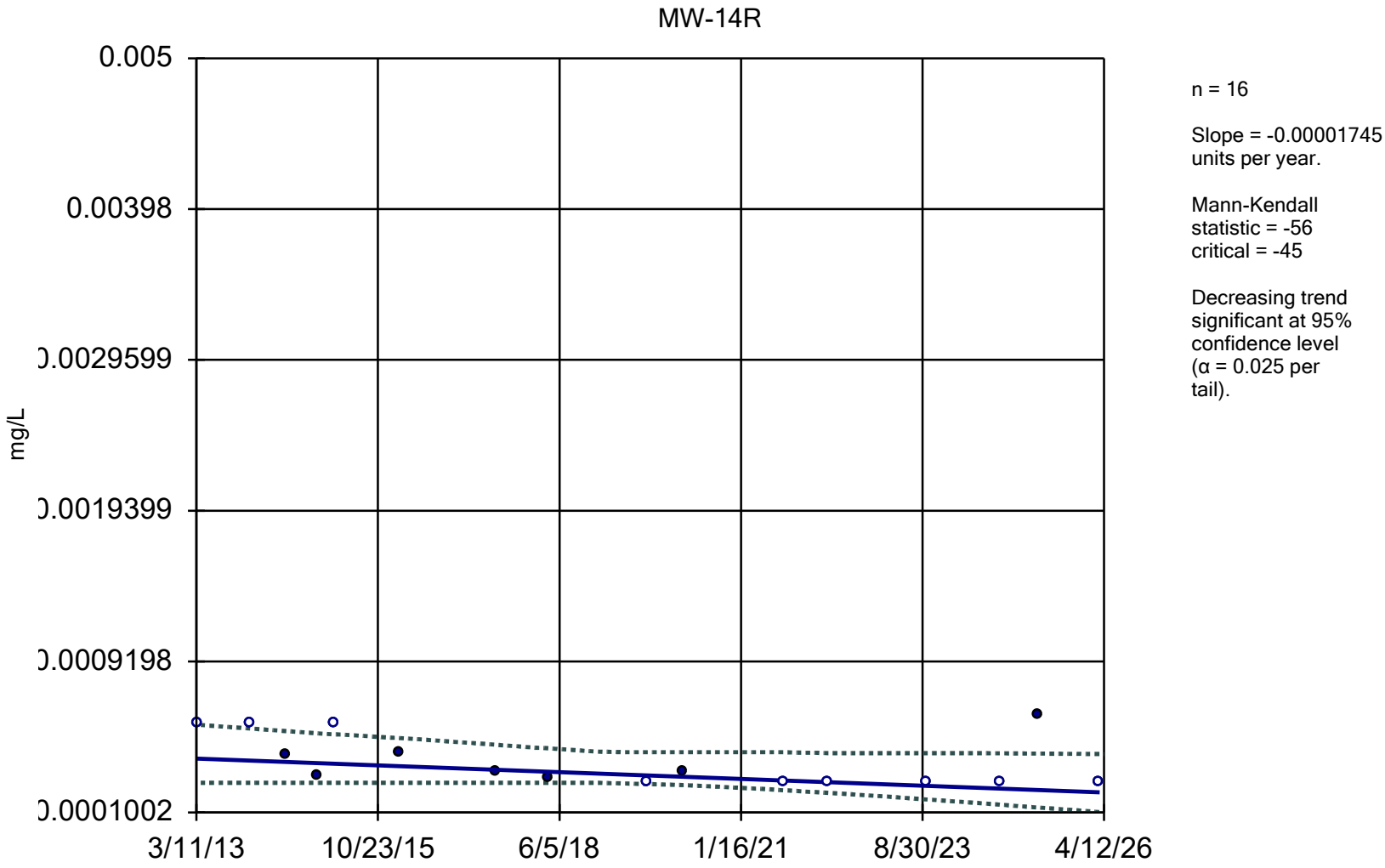
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cadmium Analysis Run 8/19/2026 1:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



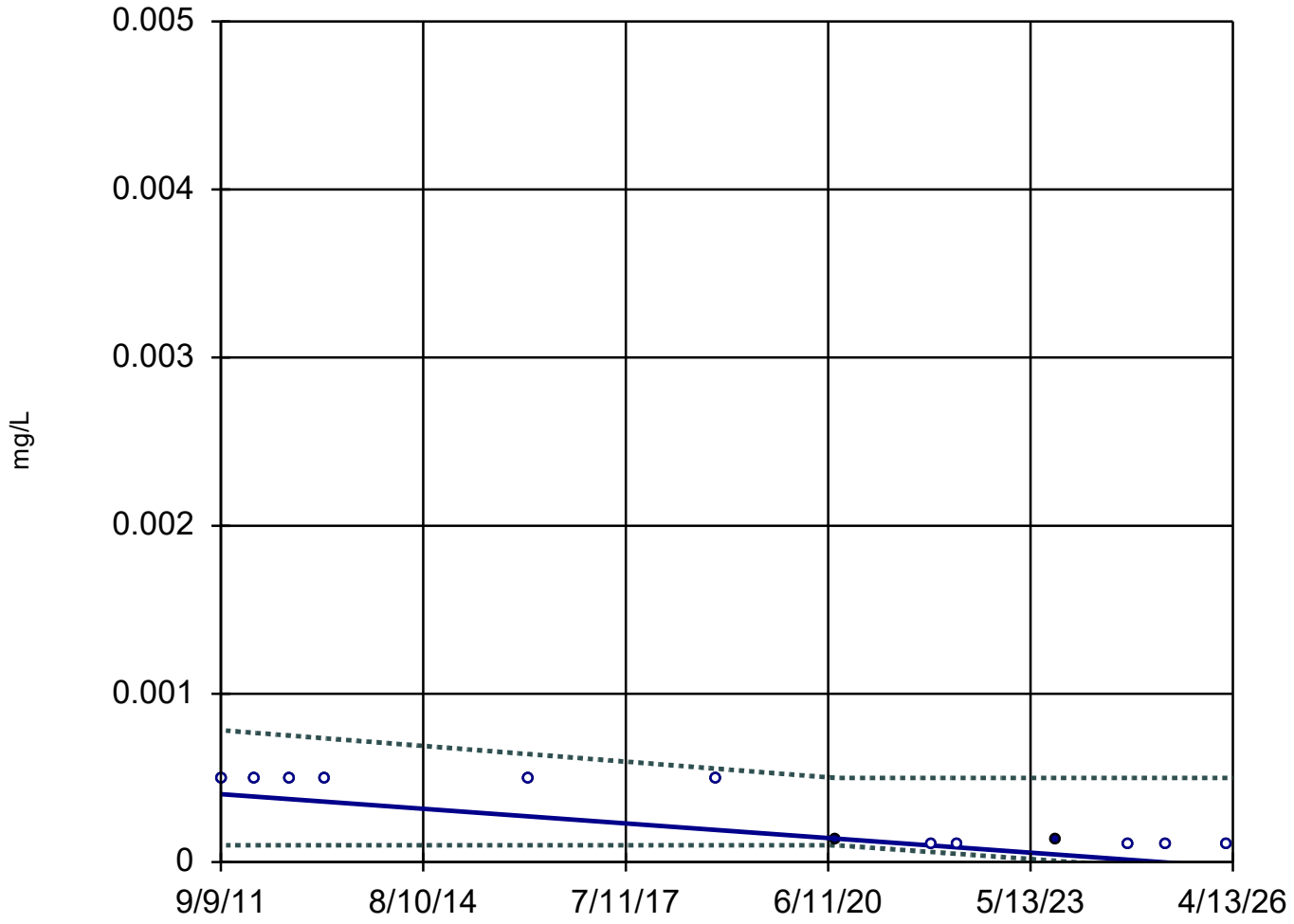
Constituent: Cadmium Analysis Run 8/19/2026 1:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-23 (bg)



n = 13

Slope = -0.00002976 units per year.

Mann-Kendall statistic = -47
critical = -34

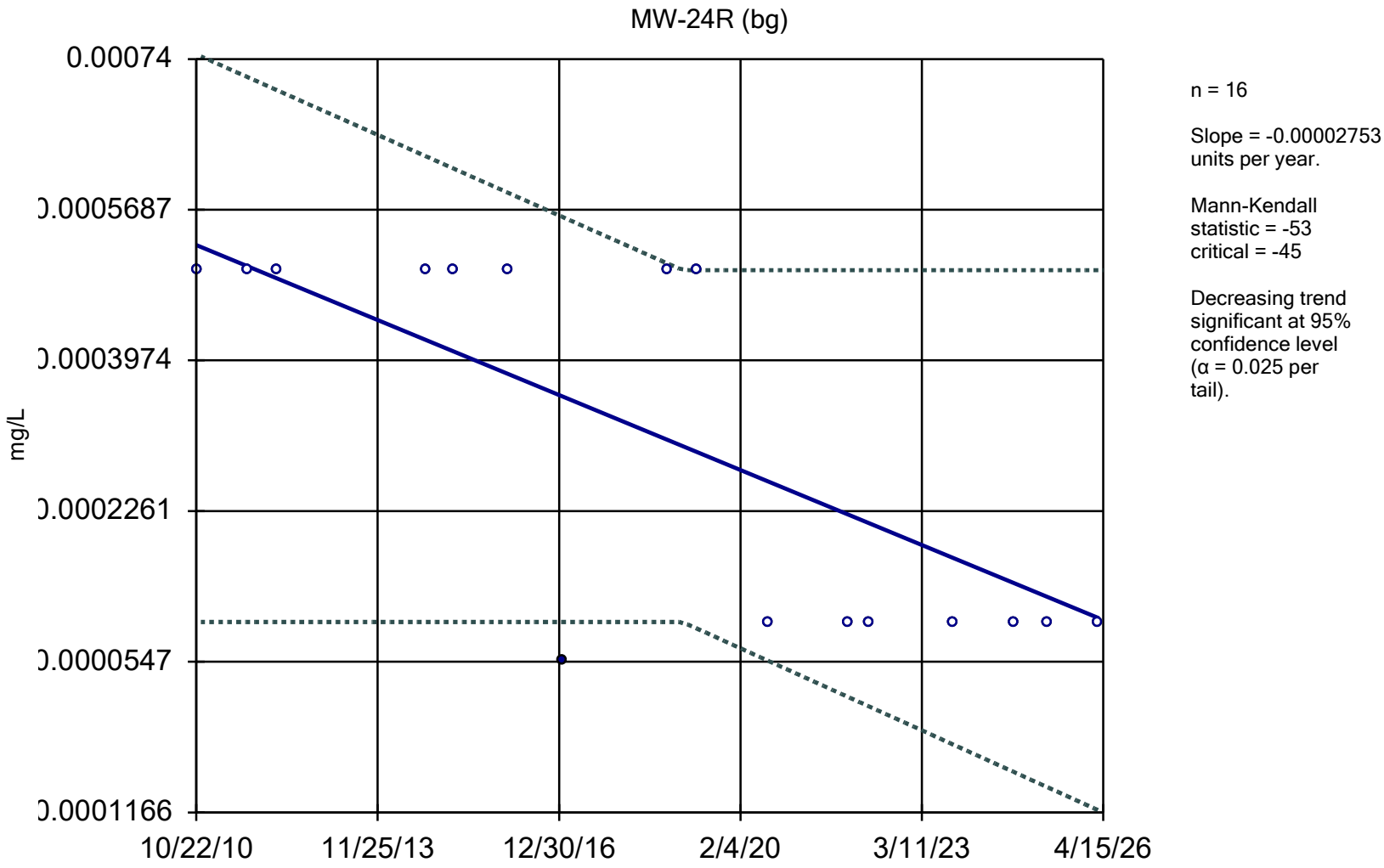
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cadmium Analysis Run 8/19/2026 1:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 16

Slope = -0.00002753 units per year.

Mann-Kendall statistic = -53
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

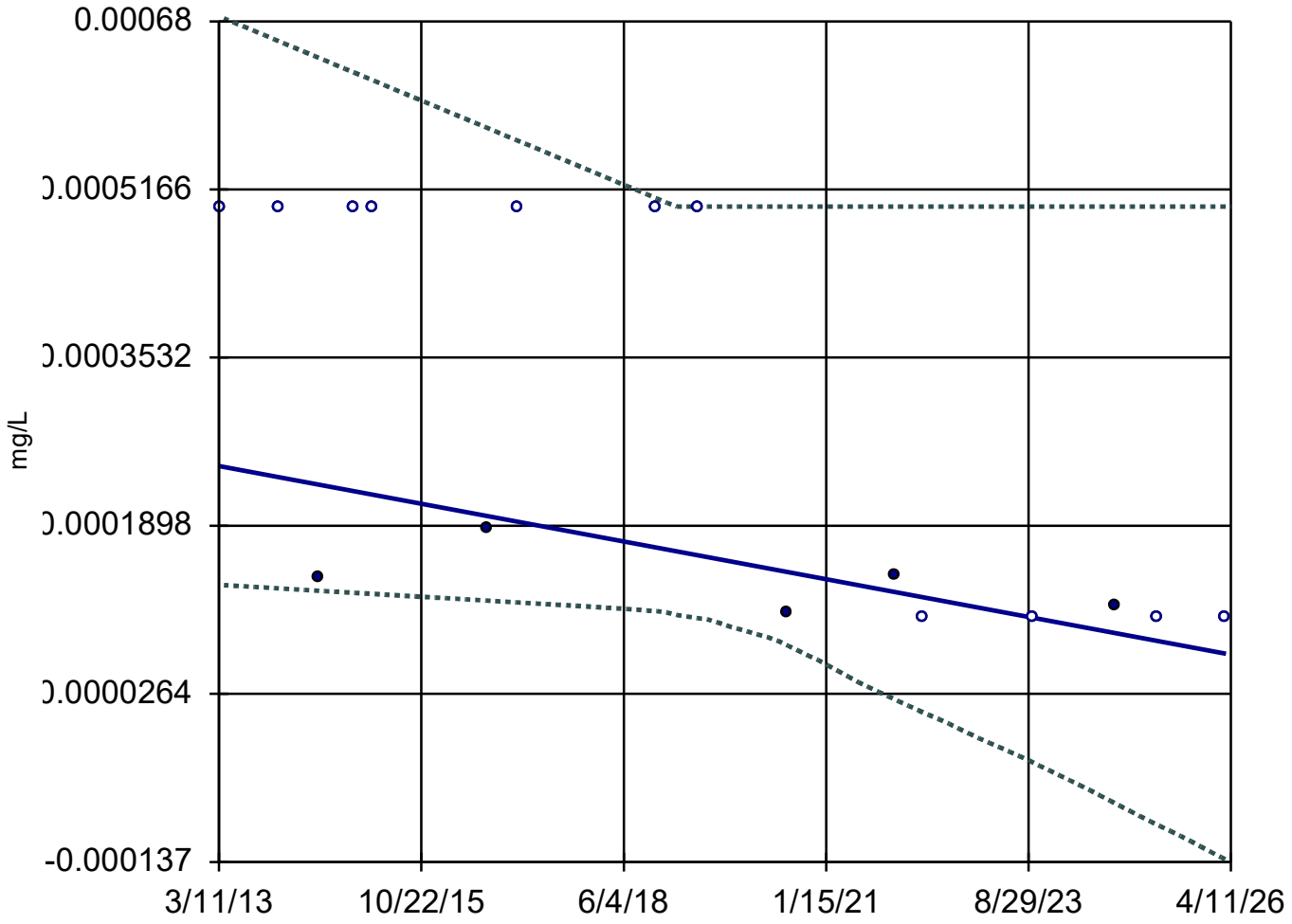
Constituent: Cadmium Analysis Run 8/19/2026 1:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-28



n = 16

Slope = -0.00001401 units per year.

Mann-Kendall statistic = -65
critical = -45

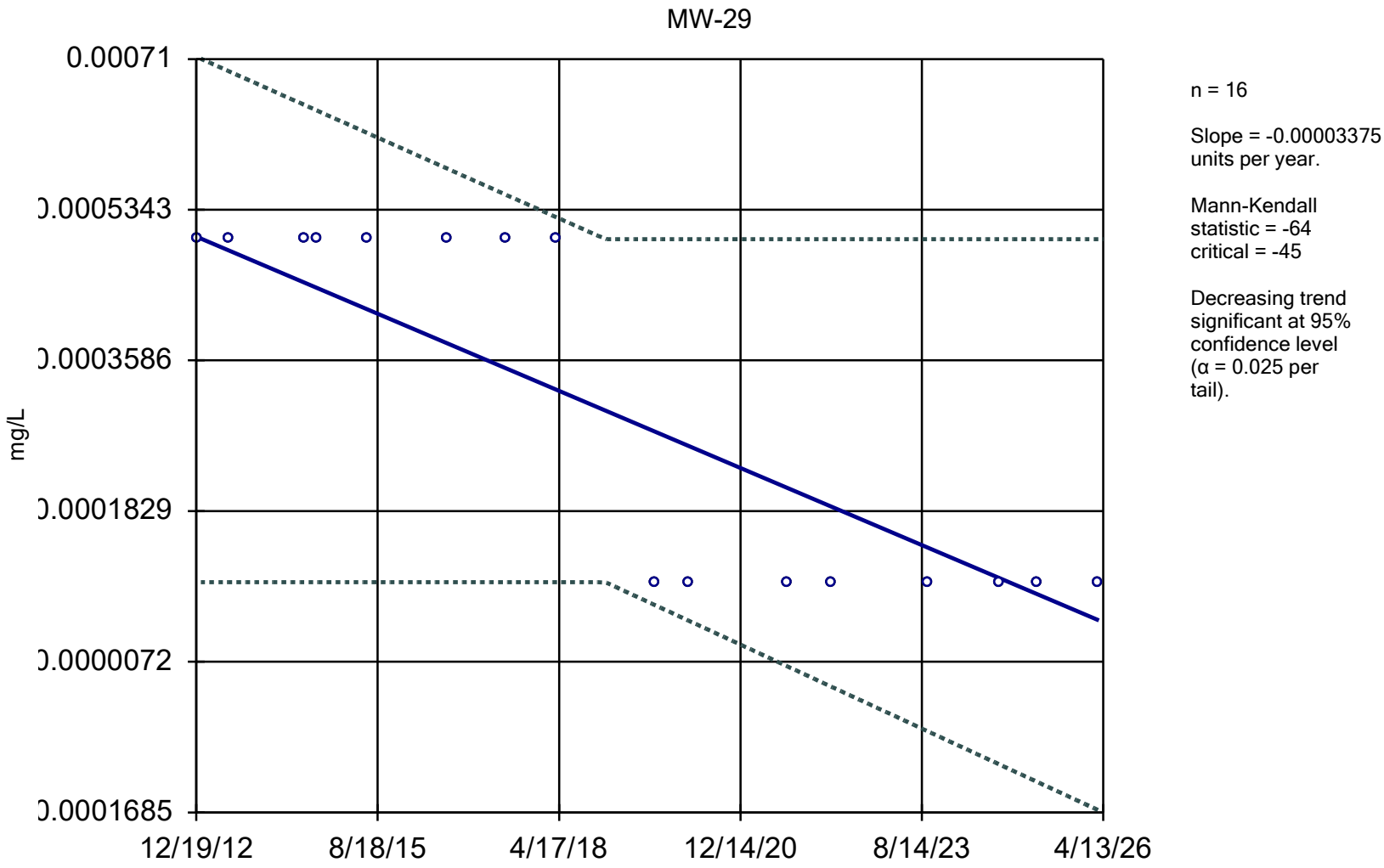
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cadmium Analysis Run 8/19/2026 1:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

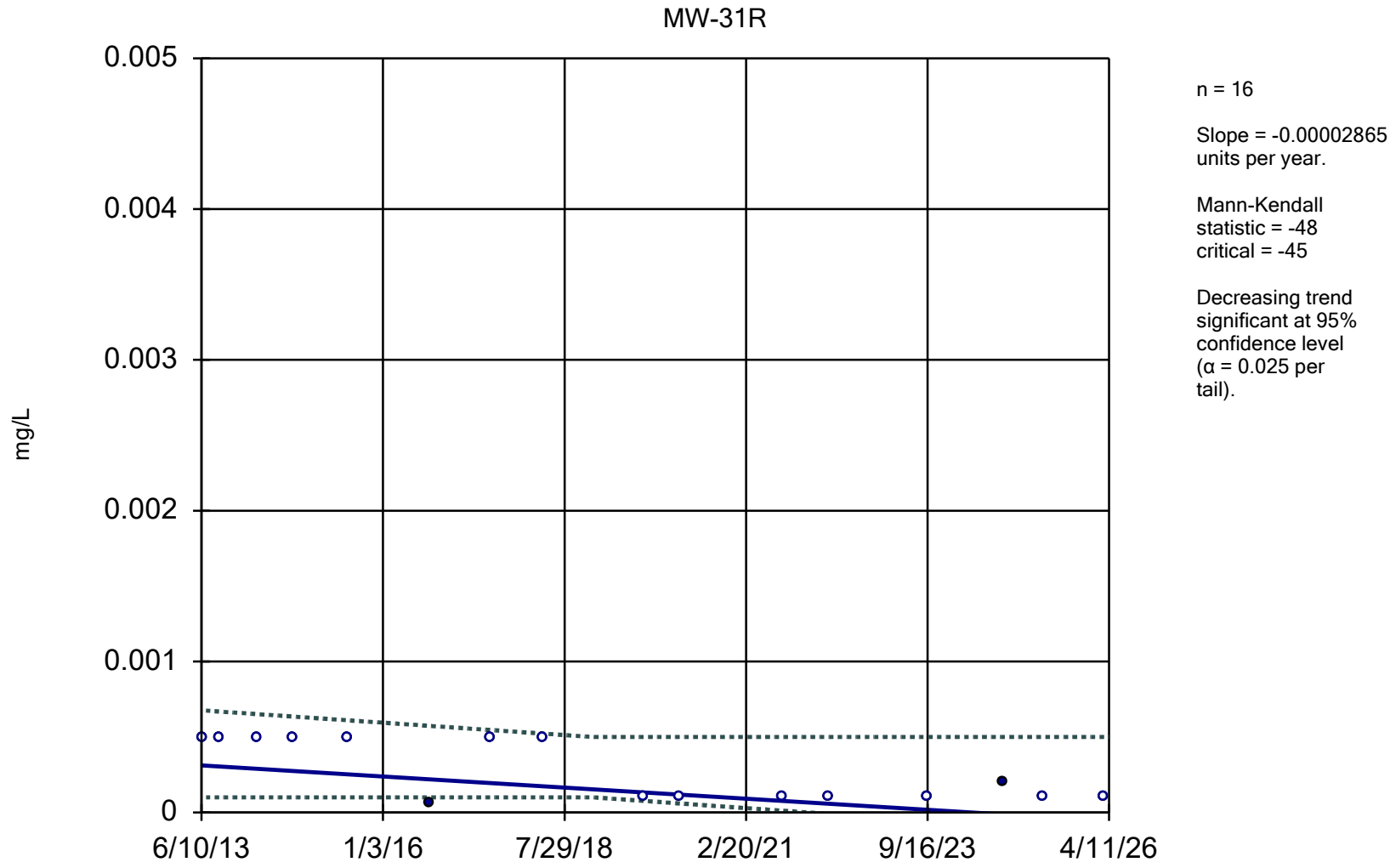


Constituent: Cadmium Analysis Run 8/19/2026 1:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



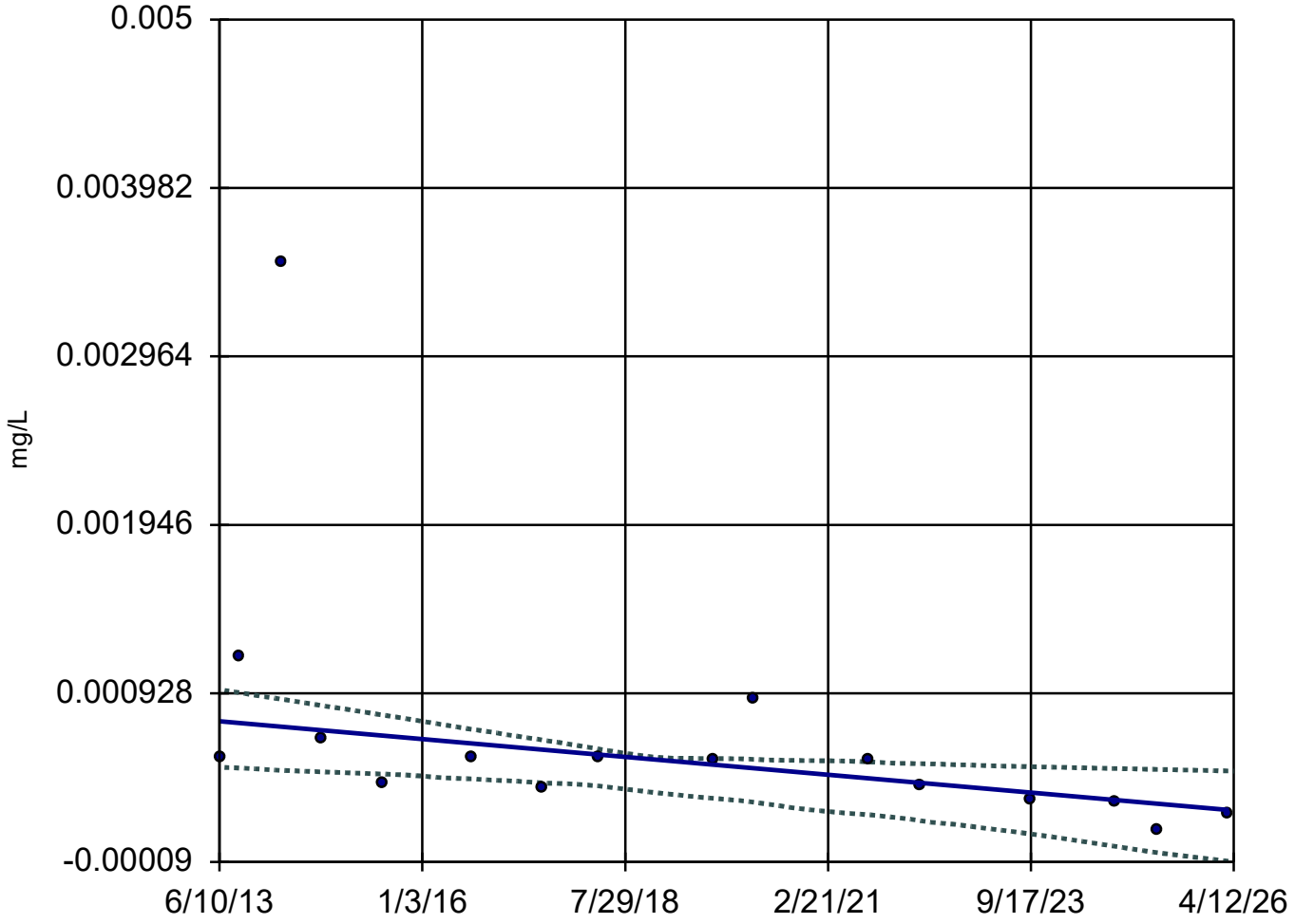
Constituent: Cadmium Analysis Run 8/19/2026 1:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-33R



n = 16

Slope = -0.00004202 units per year.

Mann-Kendall statistic = -75
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

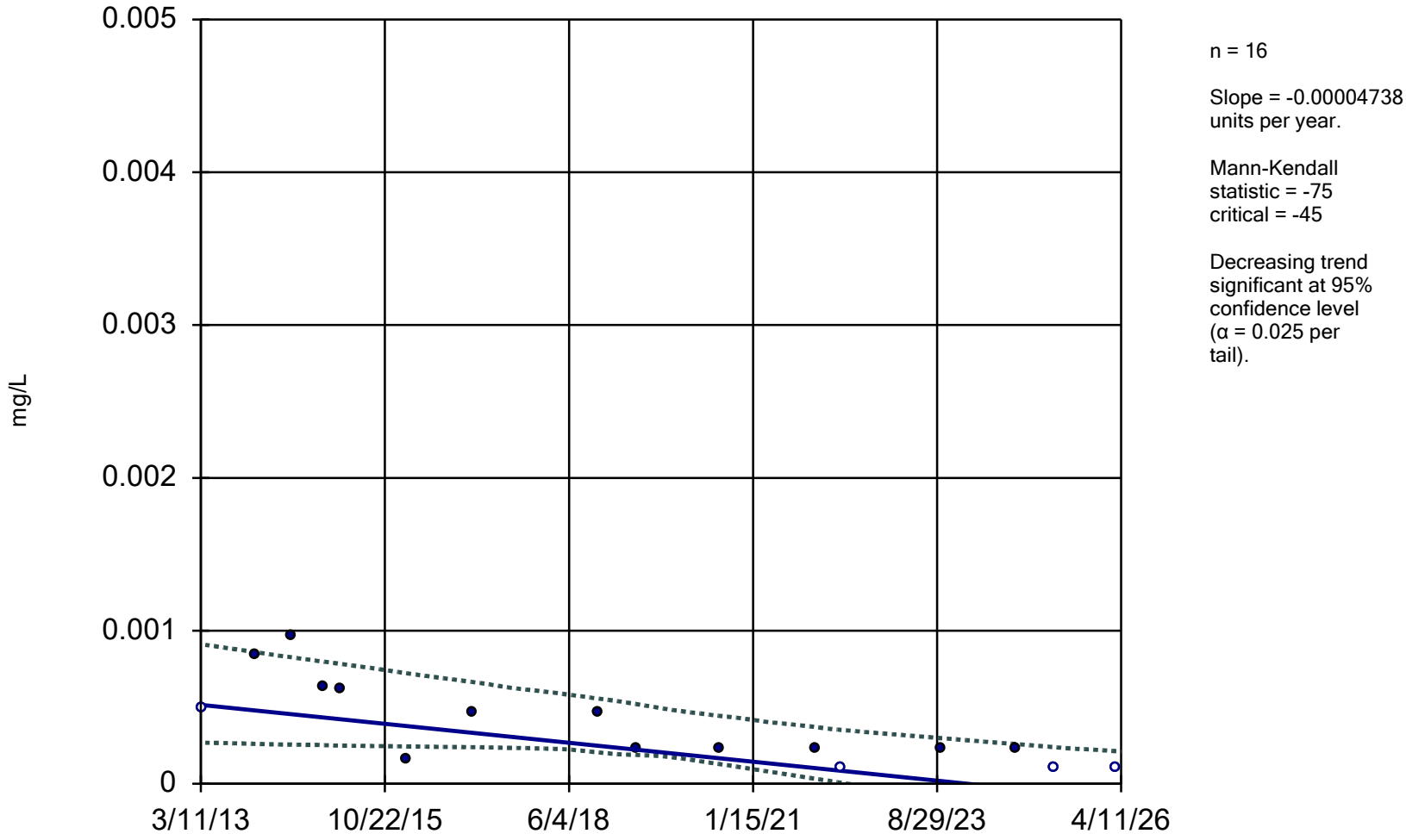
Constituent: Cadmium Analysis Run 8/19/2026 1:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-39



n = 16

Slope = -0.00004738 units per year.

Mann-Kendall statistic = -75
critical = -45

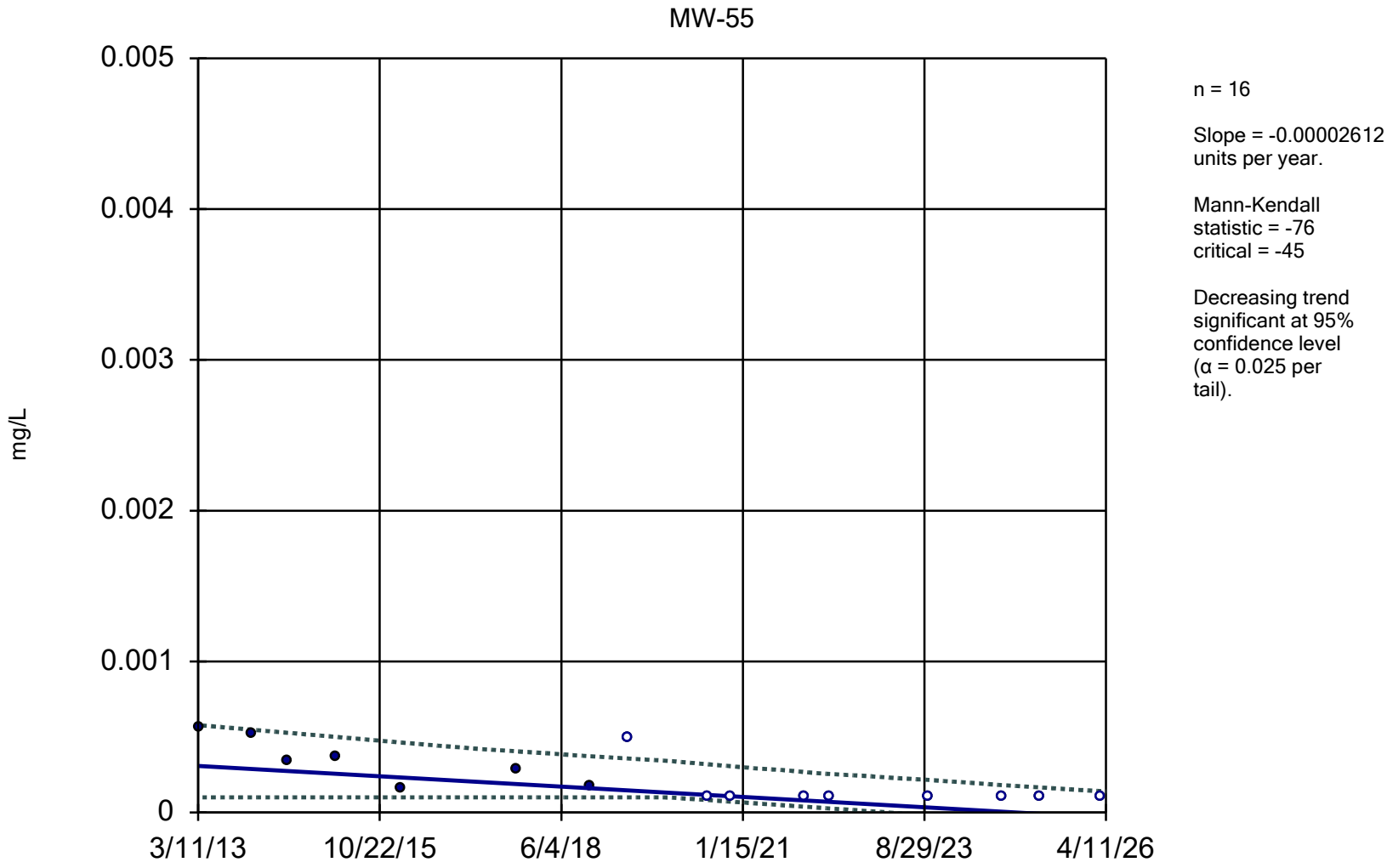
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cadmium Analysis Run 8/19/2026 1:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

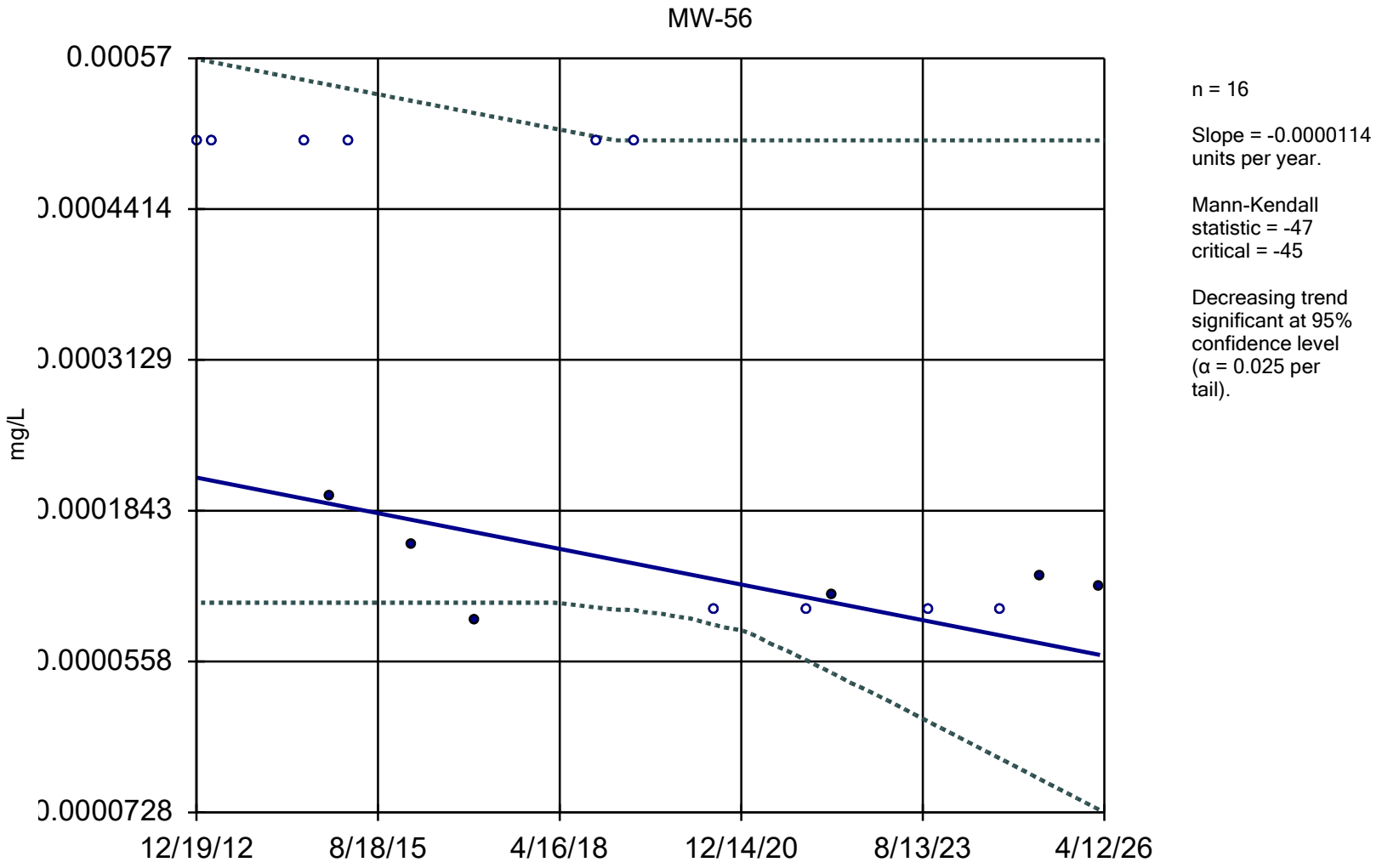


Constituent: Cadmium Analysis Run 8/19/2026 1:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

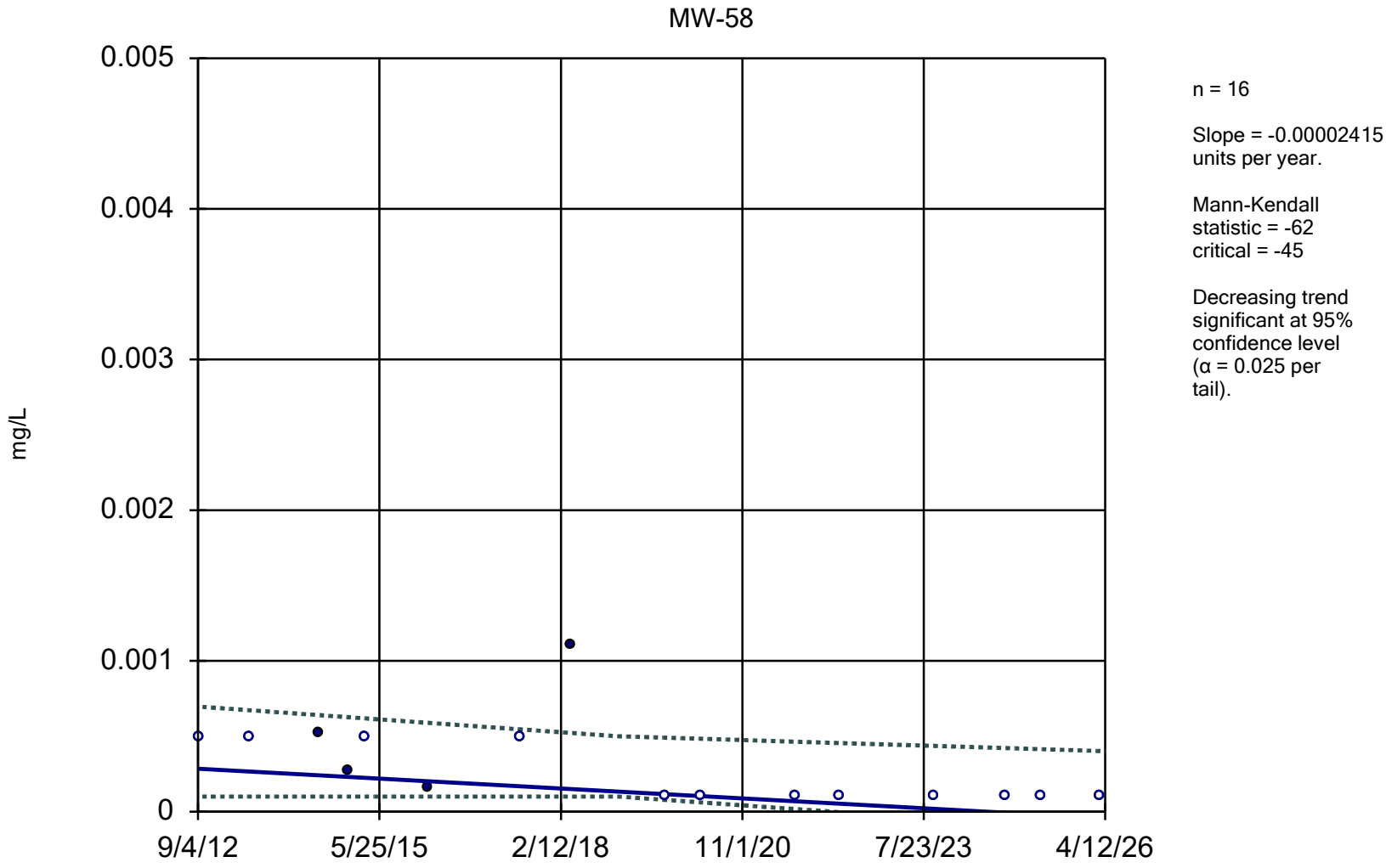


Constituent: Cadmium Analysis Run 8/19/2026 1:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



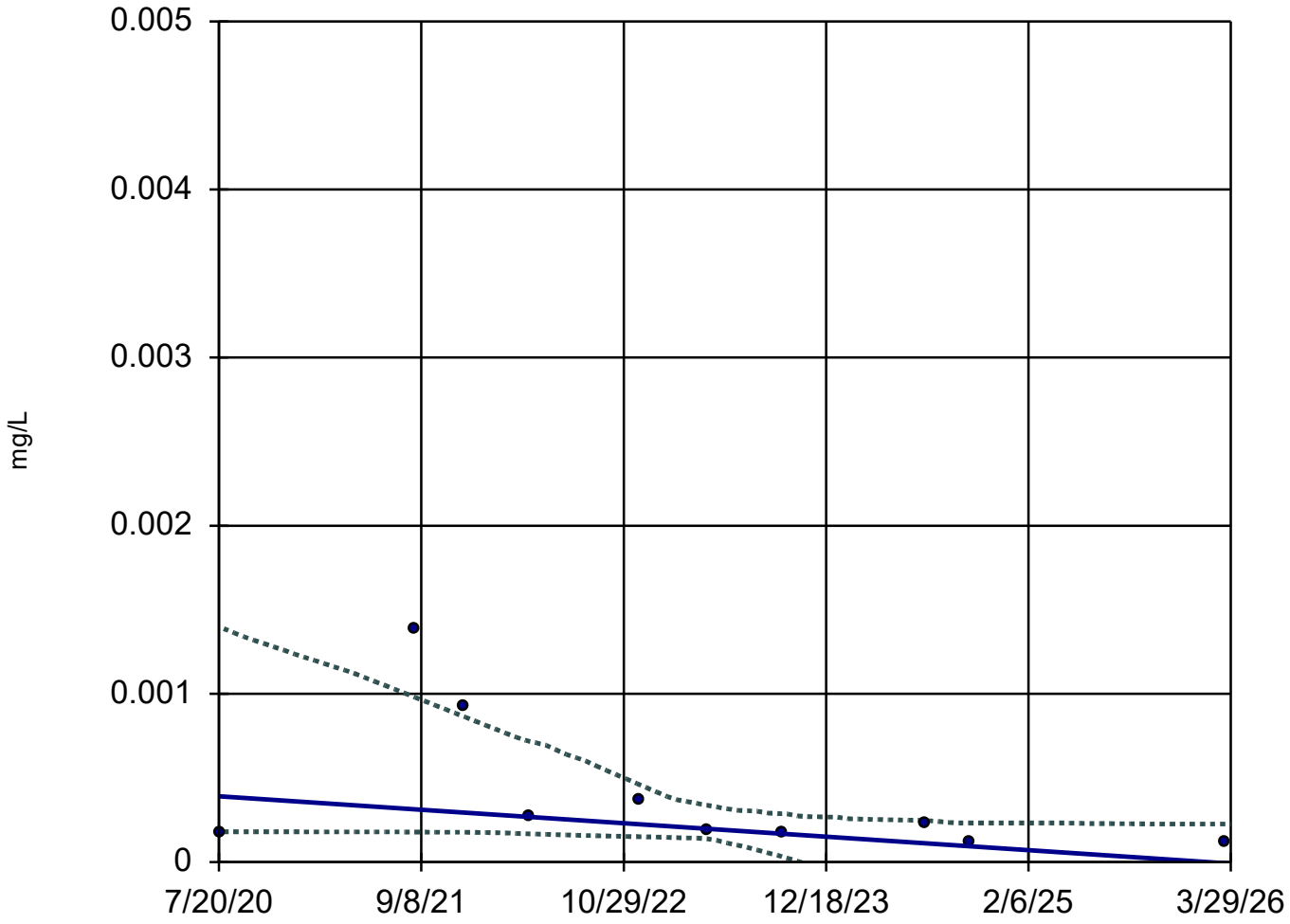
Constituent: Cadmium Analysis Run 8/19/2026 1:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-73



n = 10

Slope = -0.0000704 units per year.

Mann-Kendall statistic = -27
critical = -23

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

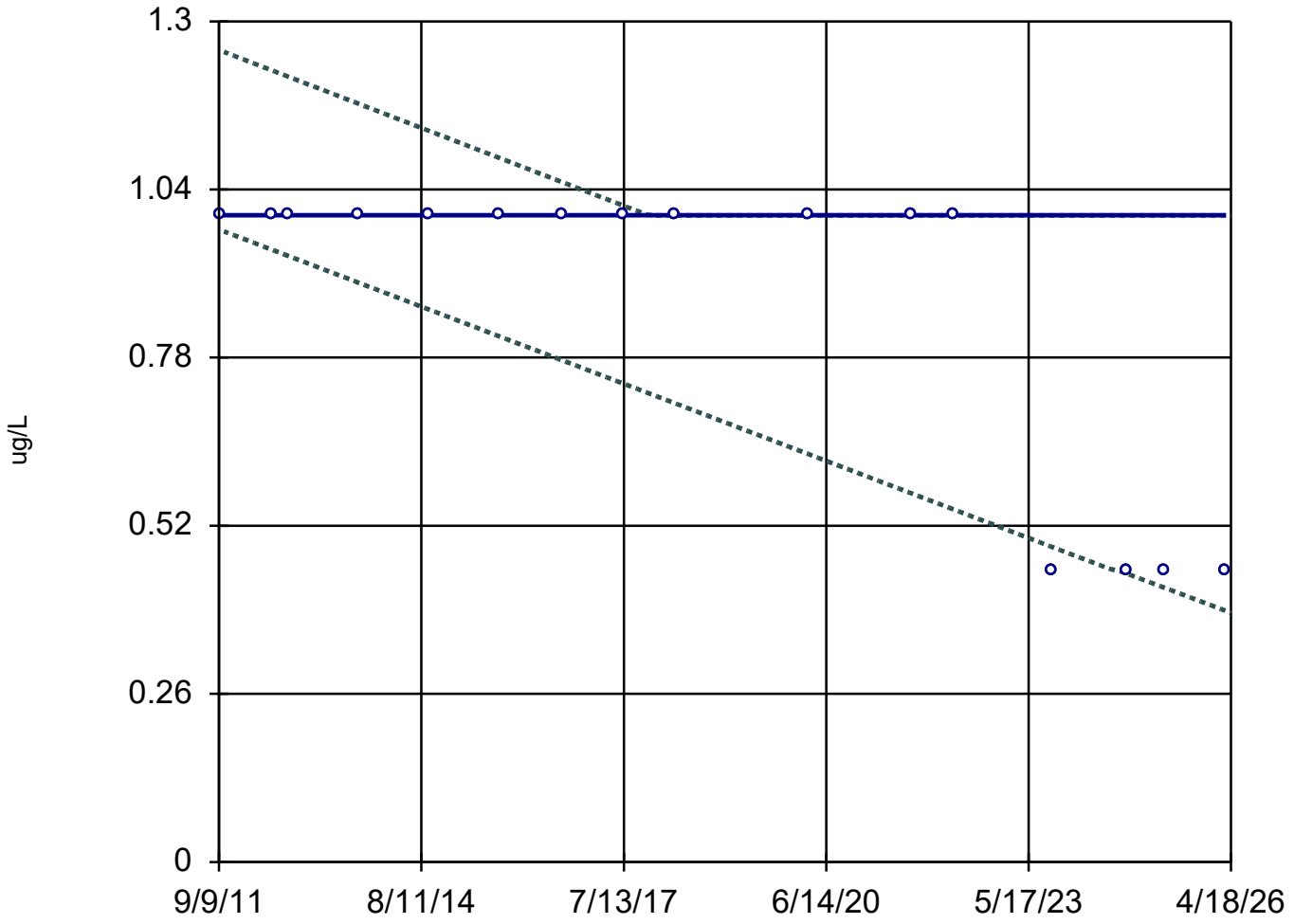
Constituent: Cadmium Analysis Run 8/19/2026 1:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

GU-3A



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

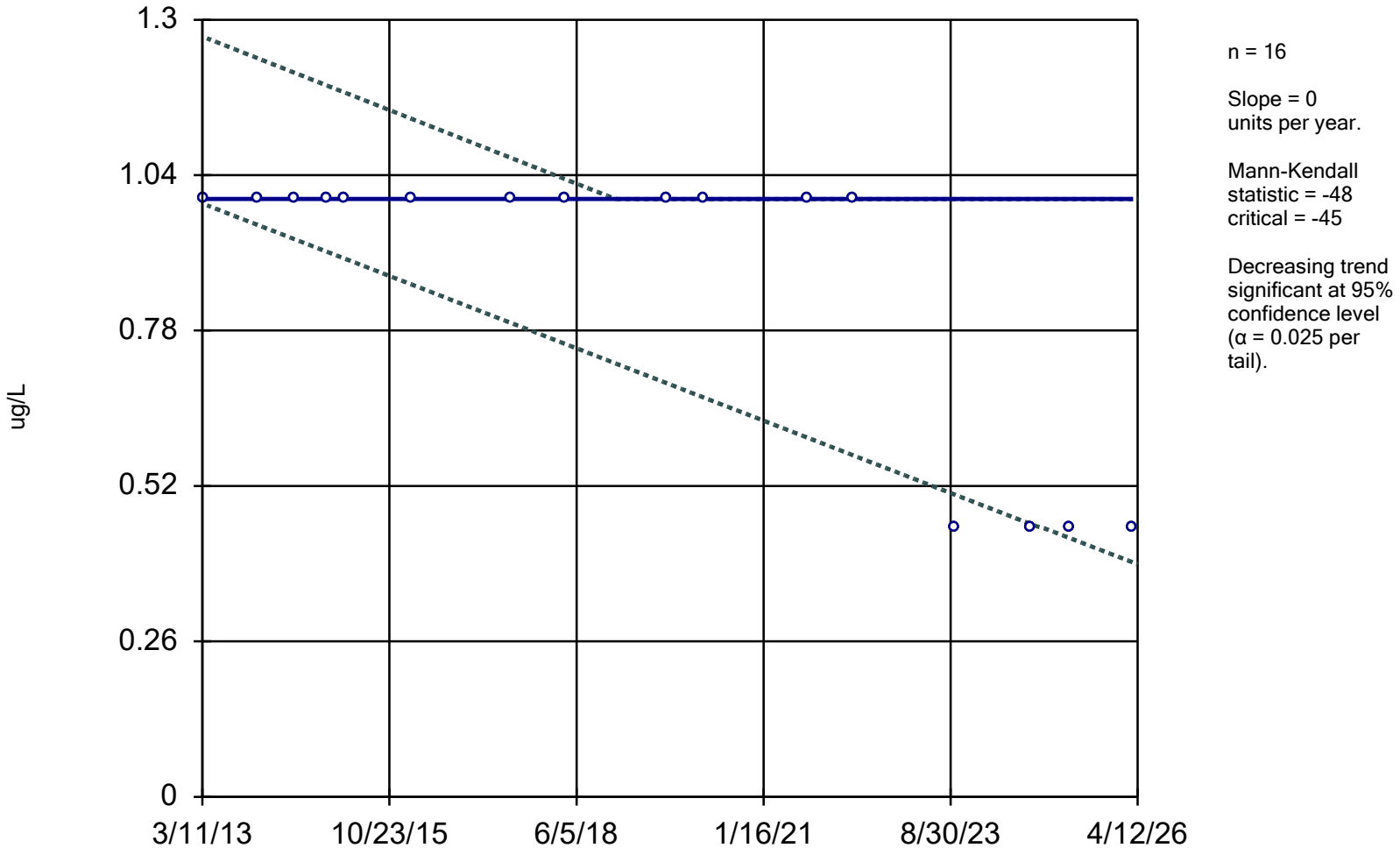
Constituent: Carbon Disulfide Analysis Run 8/19/2026 1:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-14R



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

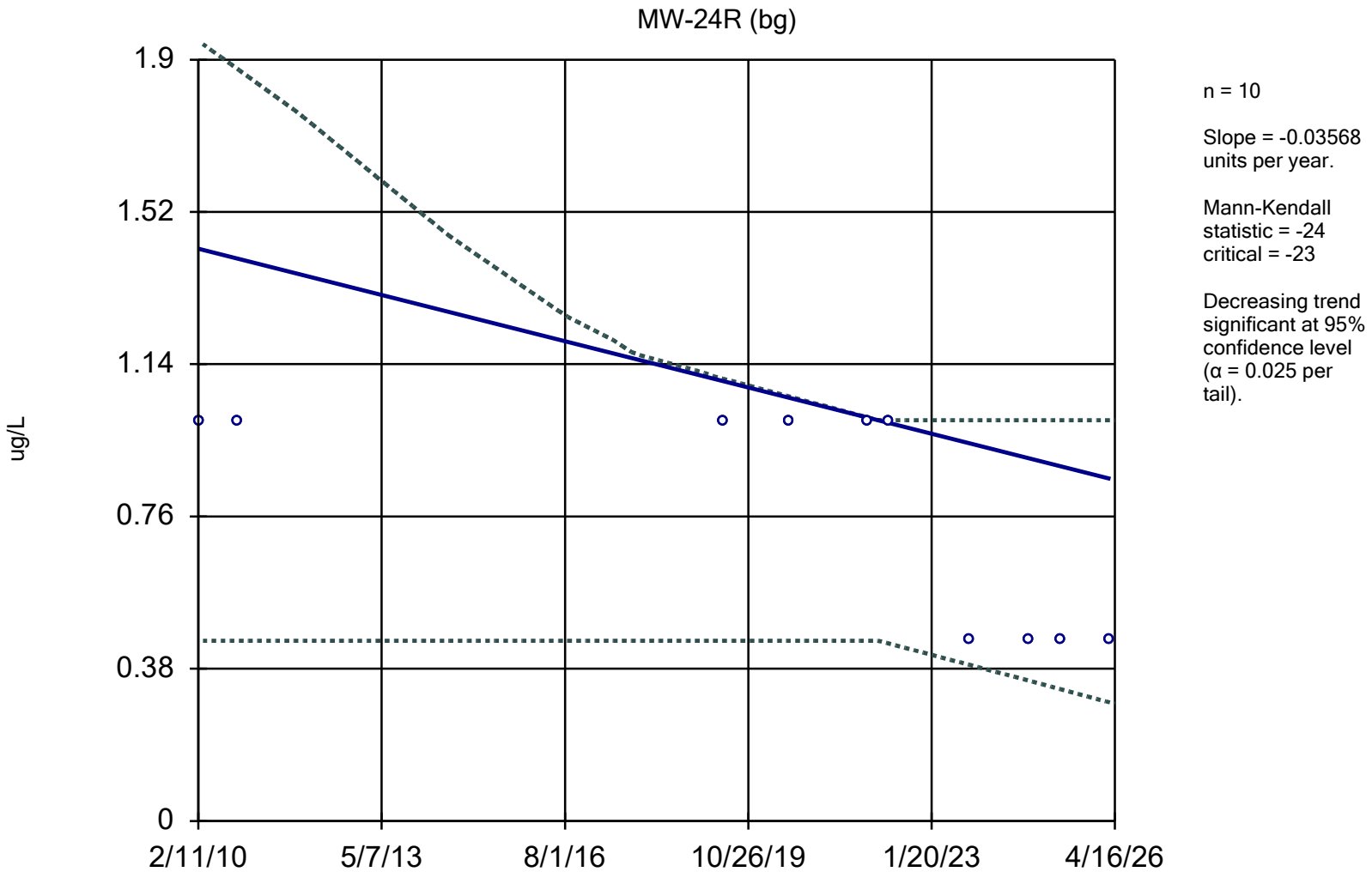
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Carbon Disulfide Analysis Run 8/19/2026 1:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



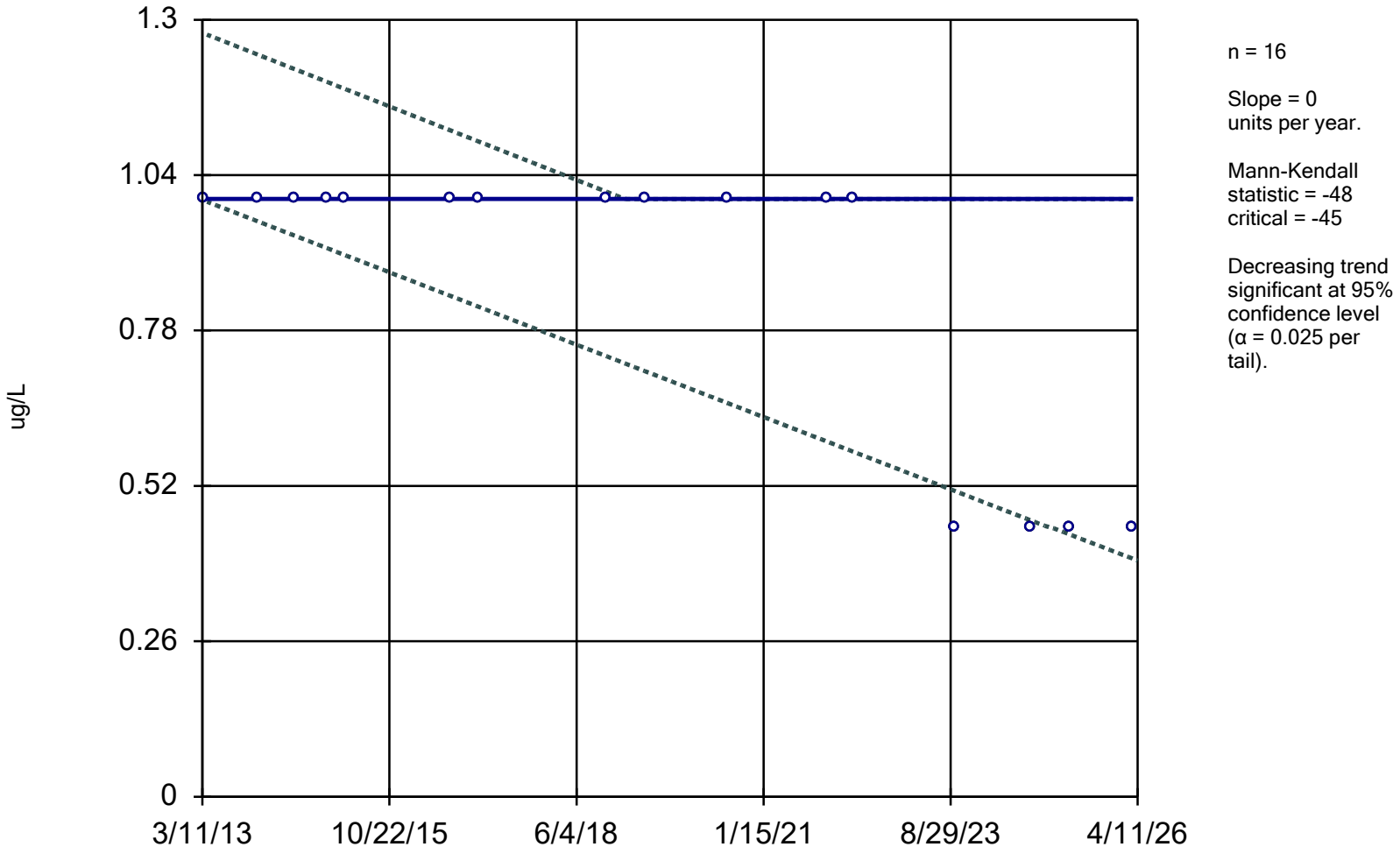
Constituent: Carbon Disulfide Analysis Run 8/19/2026 1:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-28



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

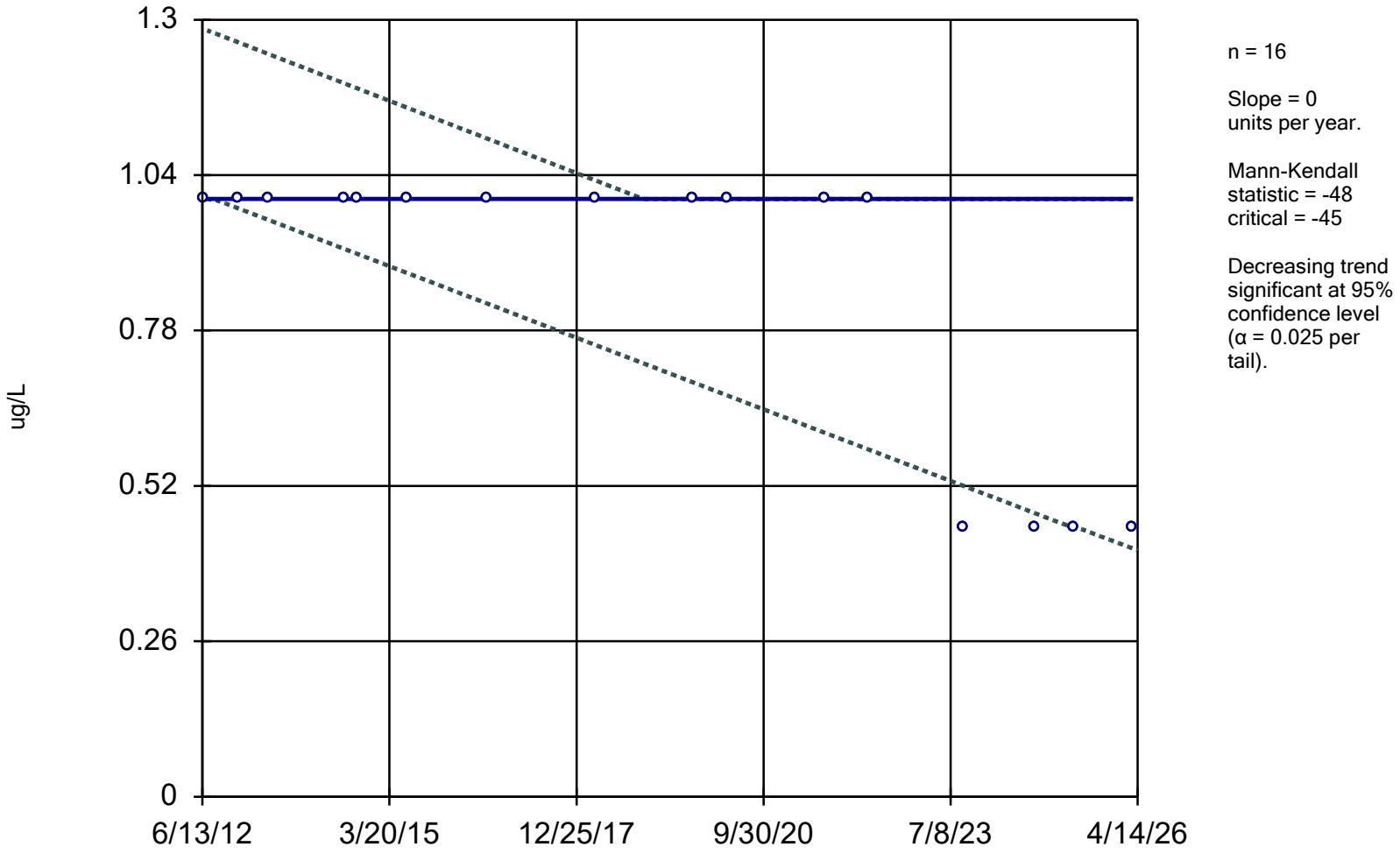
Constituent: Carbon Disulfide Analysis Run 8/19/2026 1:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-29



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

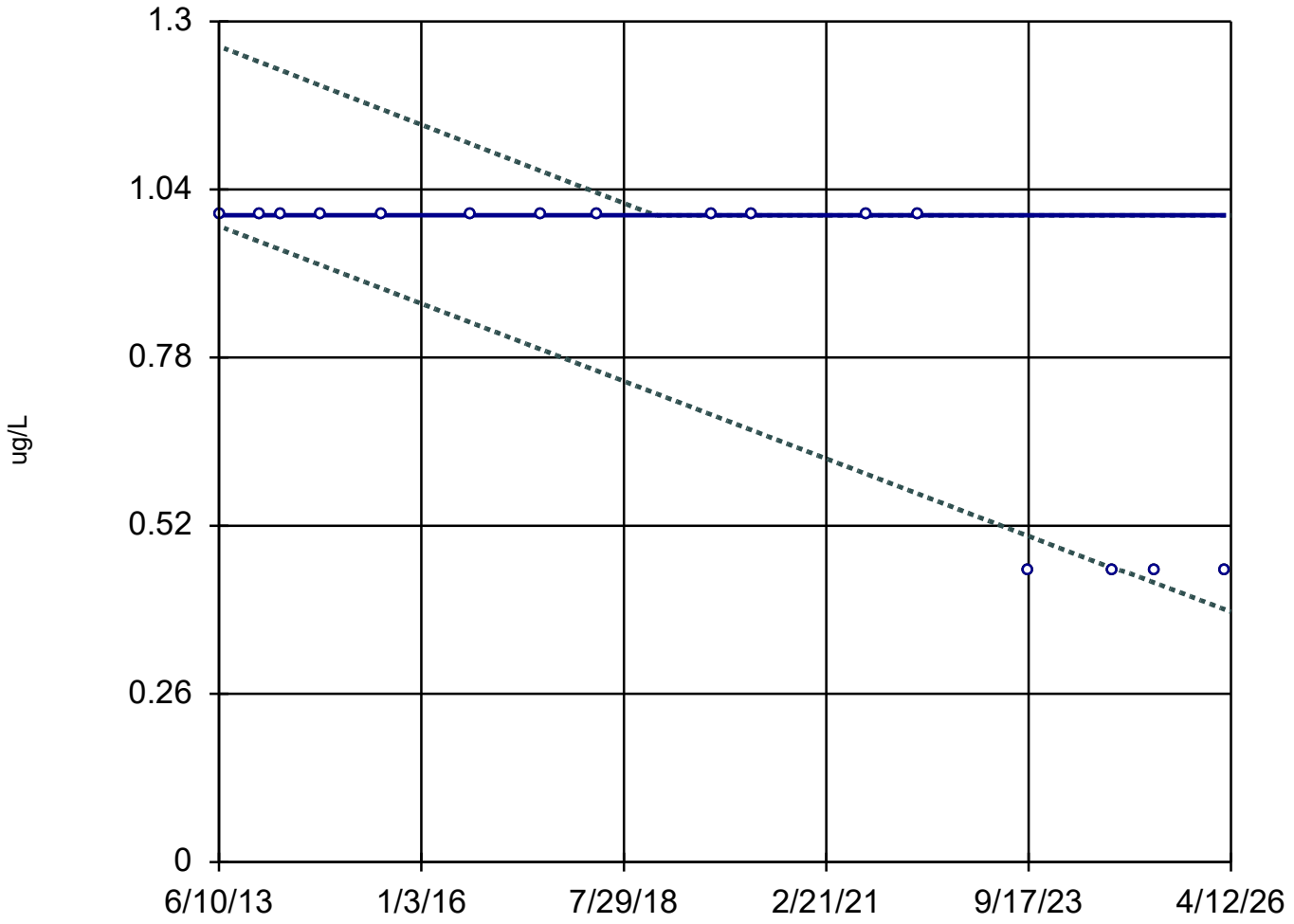
Constituent: Carbon Disulfide Analysis Run 8/19/2026 1:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-30R



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

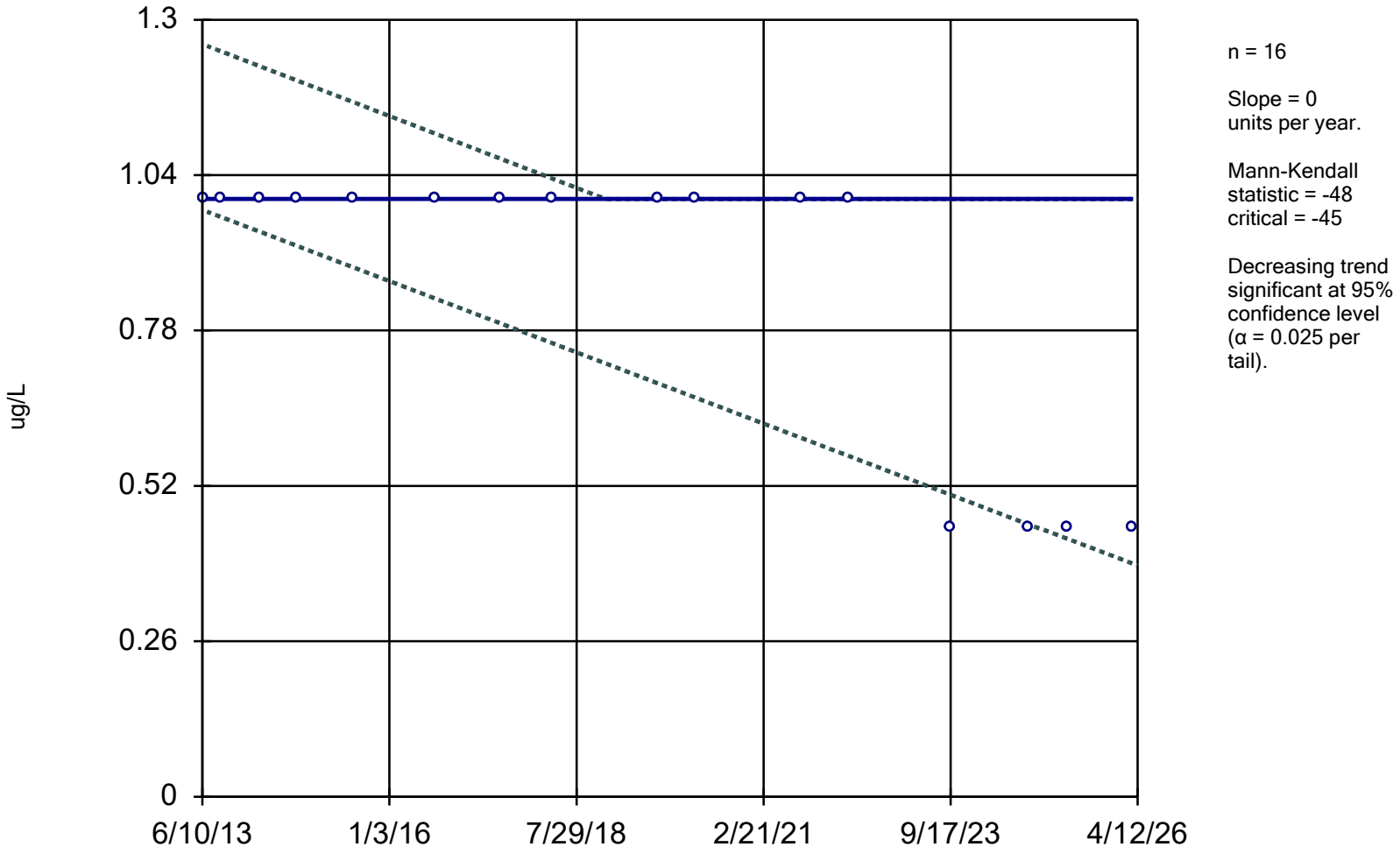
Constituent: Carbon Disulfide Analysis Run 8/19/2026 1:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-33R



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

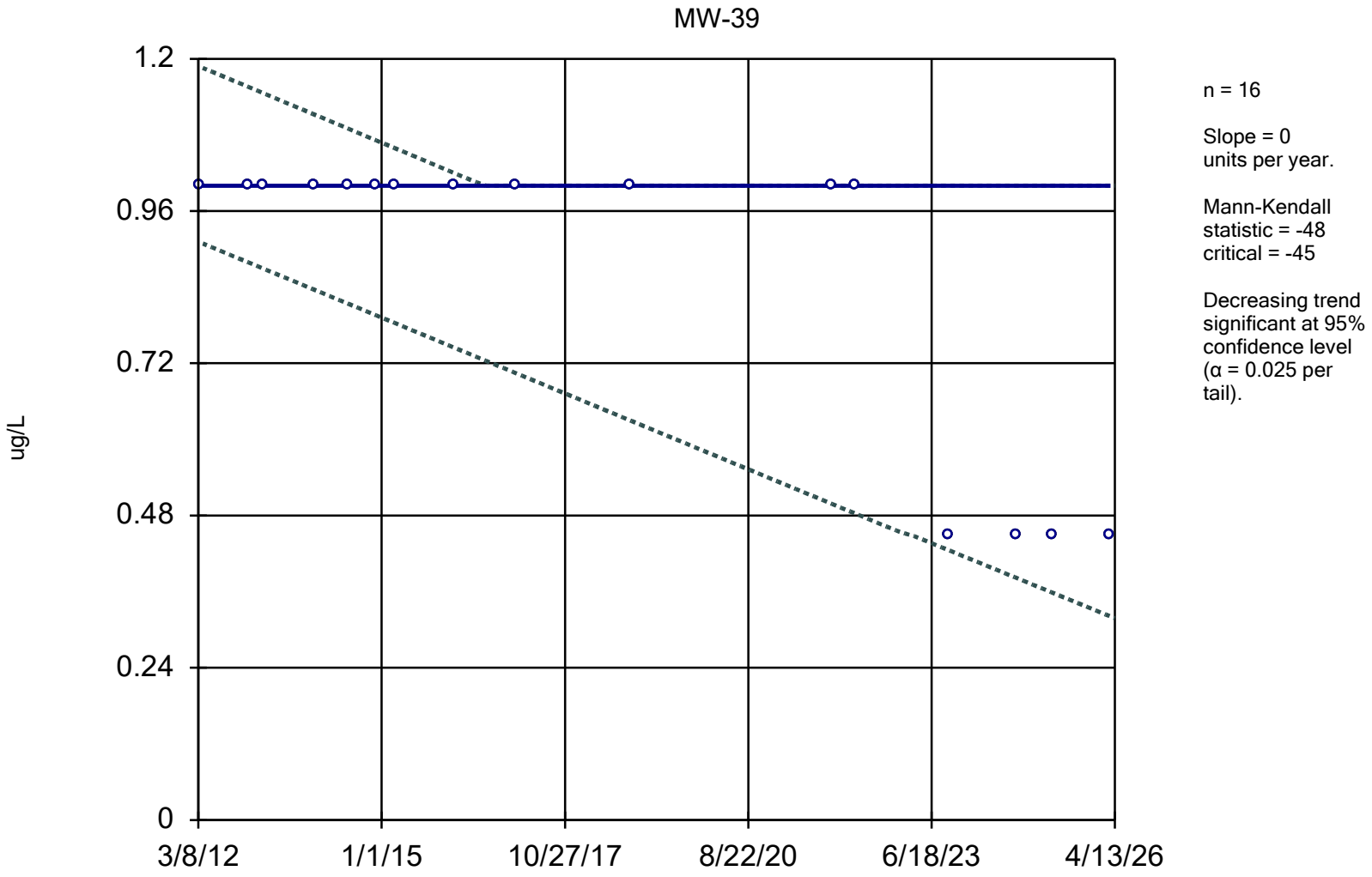
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Carbon Disulfide Analysis Run 8/19/2026 1:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



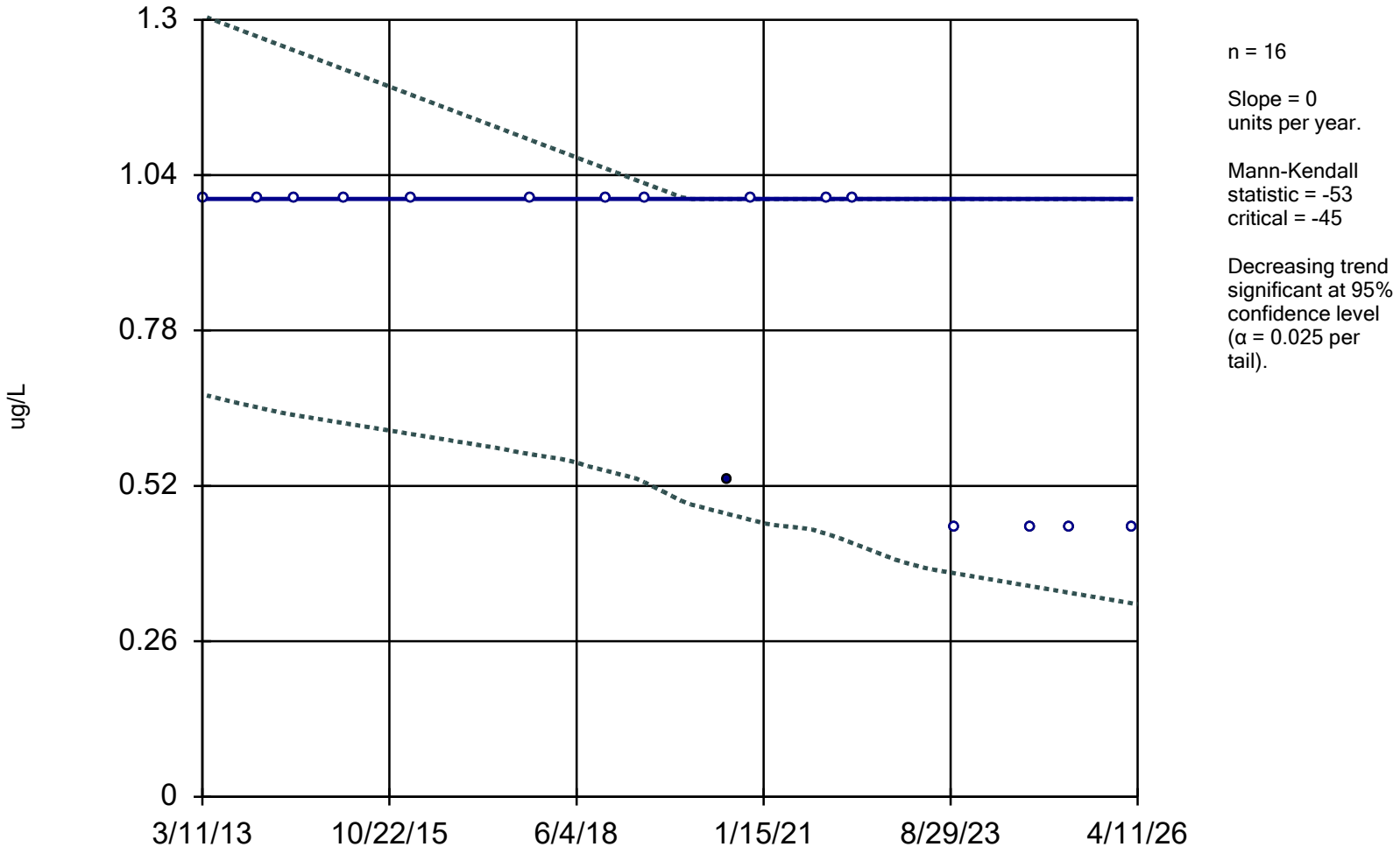
Constituent: Carbon Disulfide Analysis Run 8/19/2026 1:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-55



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -53
critical = -45

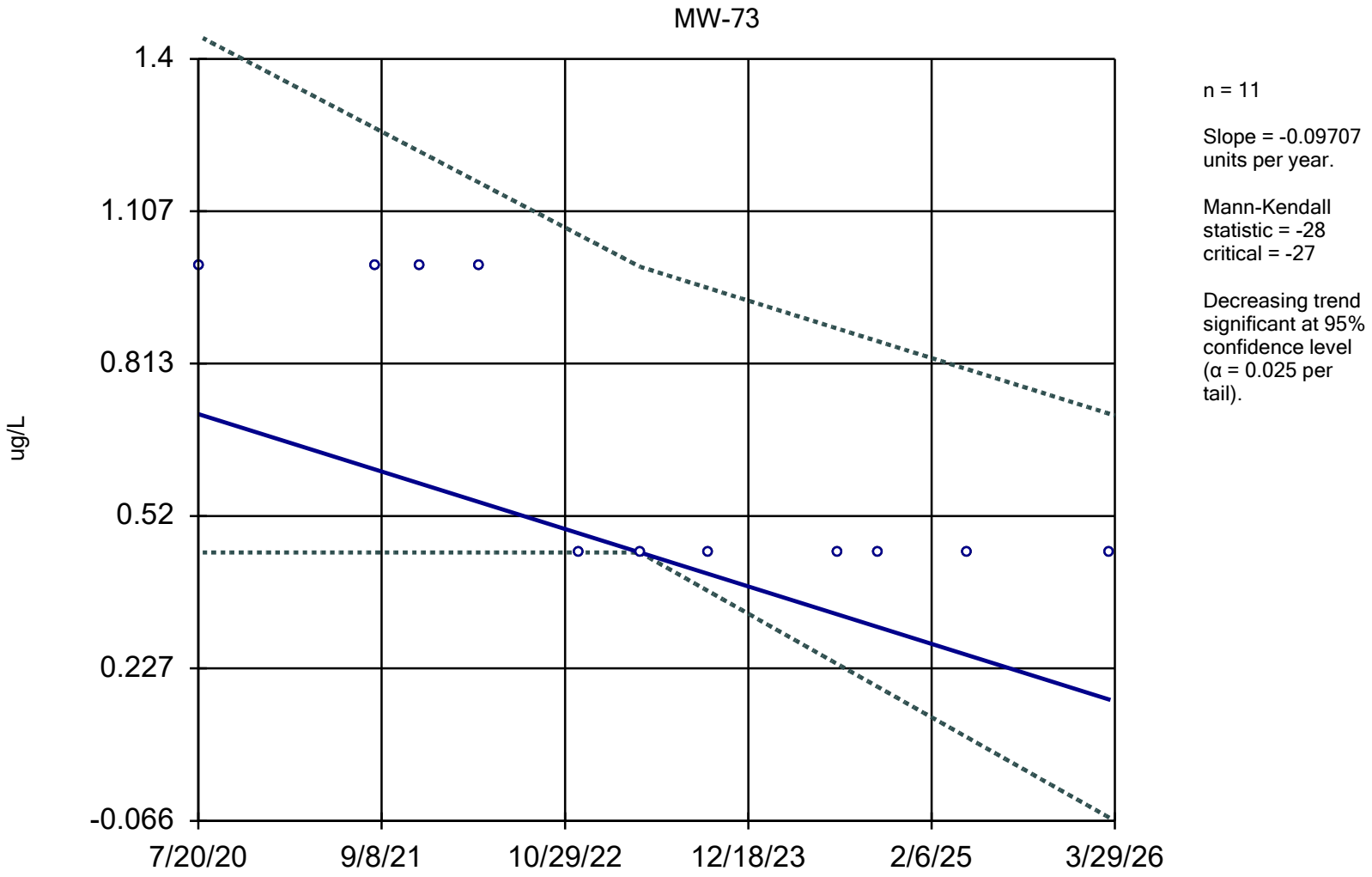
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Carbon Disulfide Analysis Run 8/19/2026 1:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 11

Slope = -0.09707 units per year.

Mann-Kendall statistic = -28
critical = -27

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

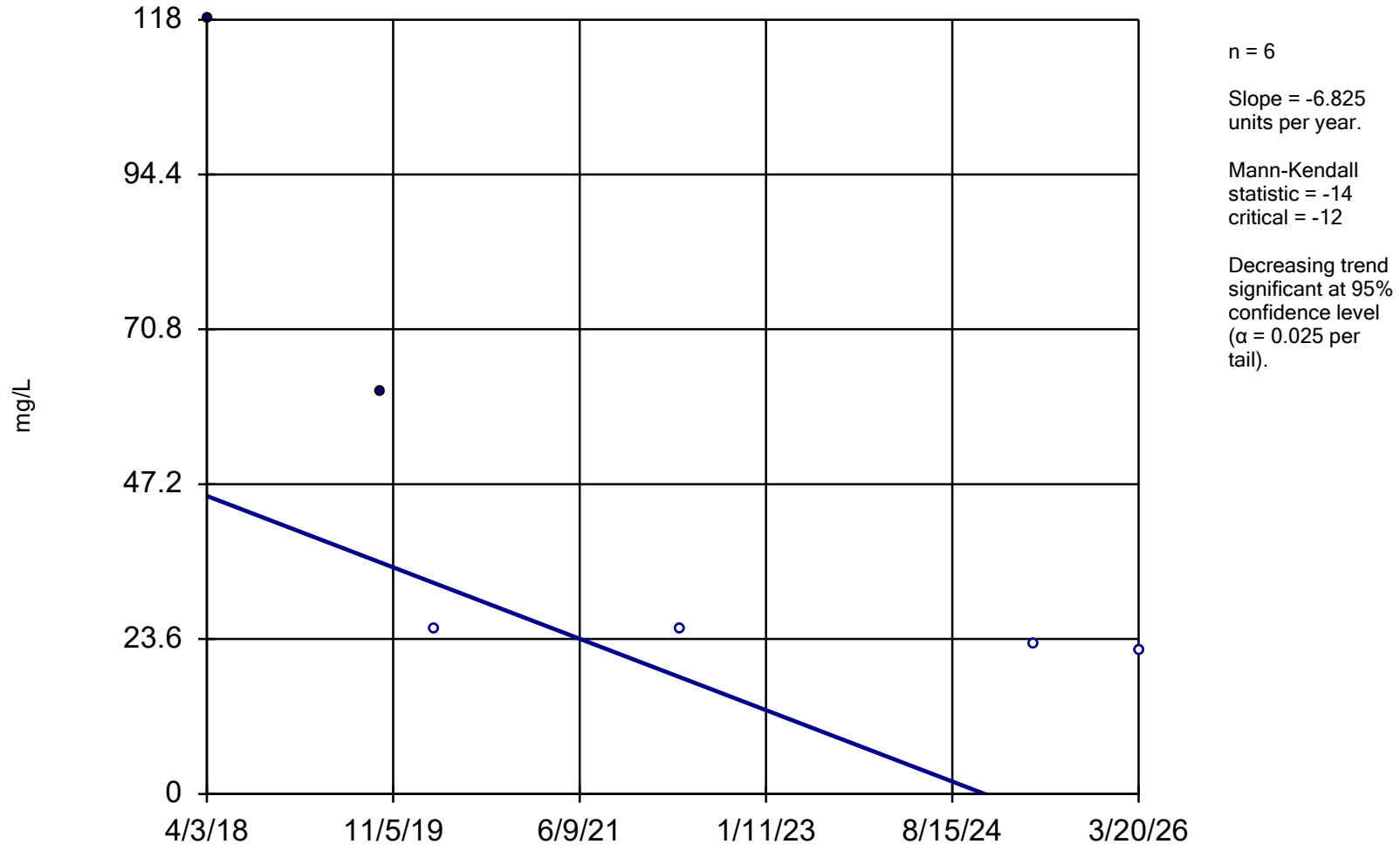
Constituent: Carbon Disulfide Analysis Run 8/19/2026 1:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

SW-104



n = 6

Slope = -6.825 units per year.

Mann-Kendall statistic = -14
critical = -12

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

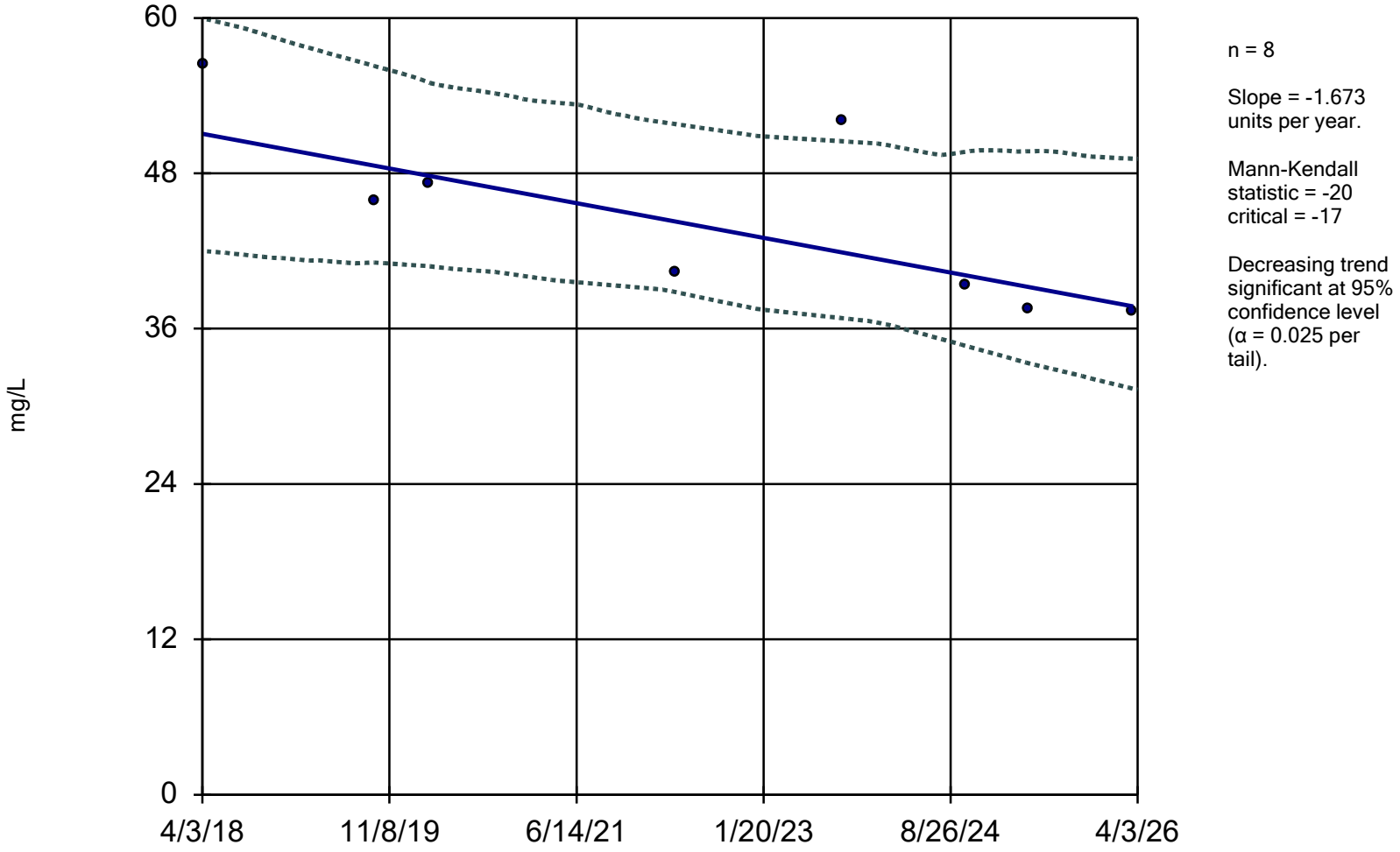
Constituent: Chemical Oxygen Demand Analysis Run 8/19/2026 1:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

SW-103



n = 8

Slope = -1.673 units per year.

Mann-Kendall statistic = -20
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

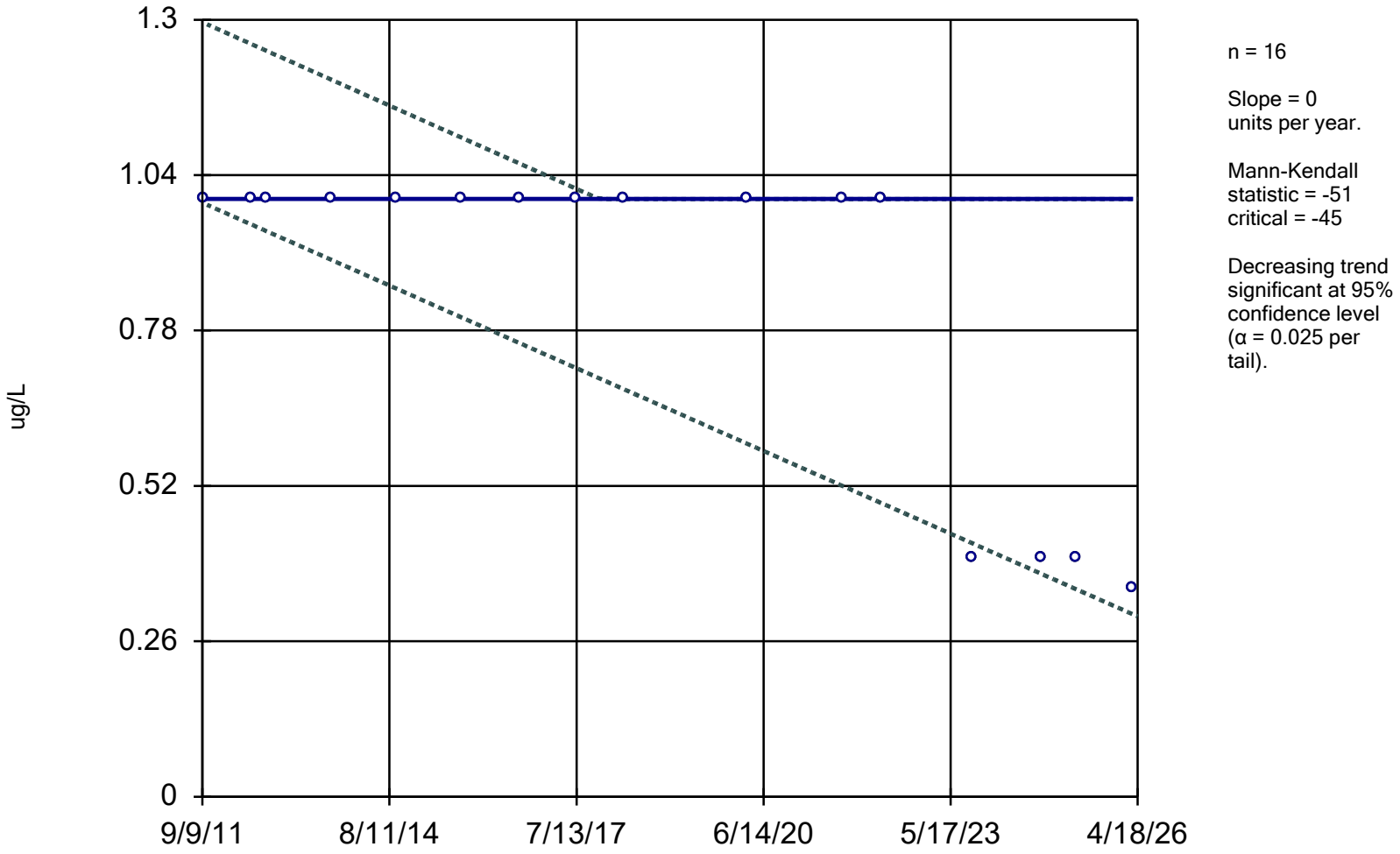
Constituent: Chloride Analysis Run 8/19/2026 1:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

GU-3A



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -51
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

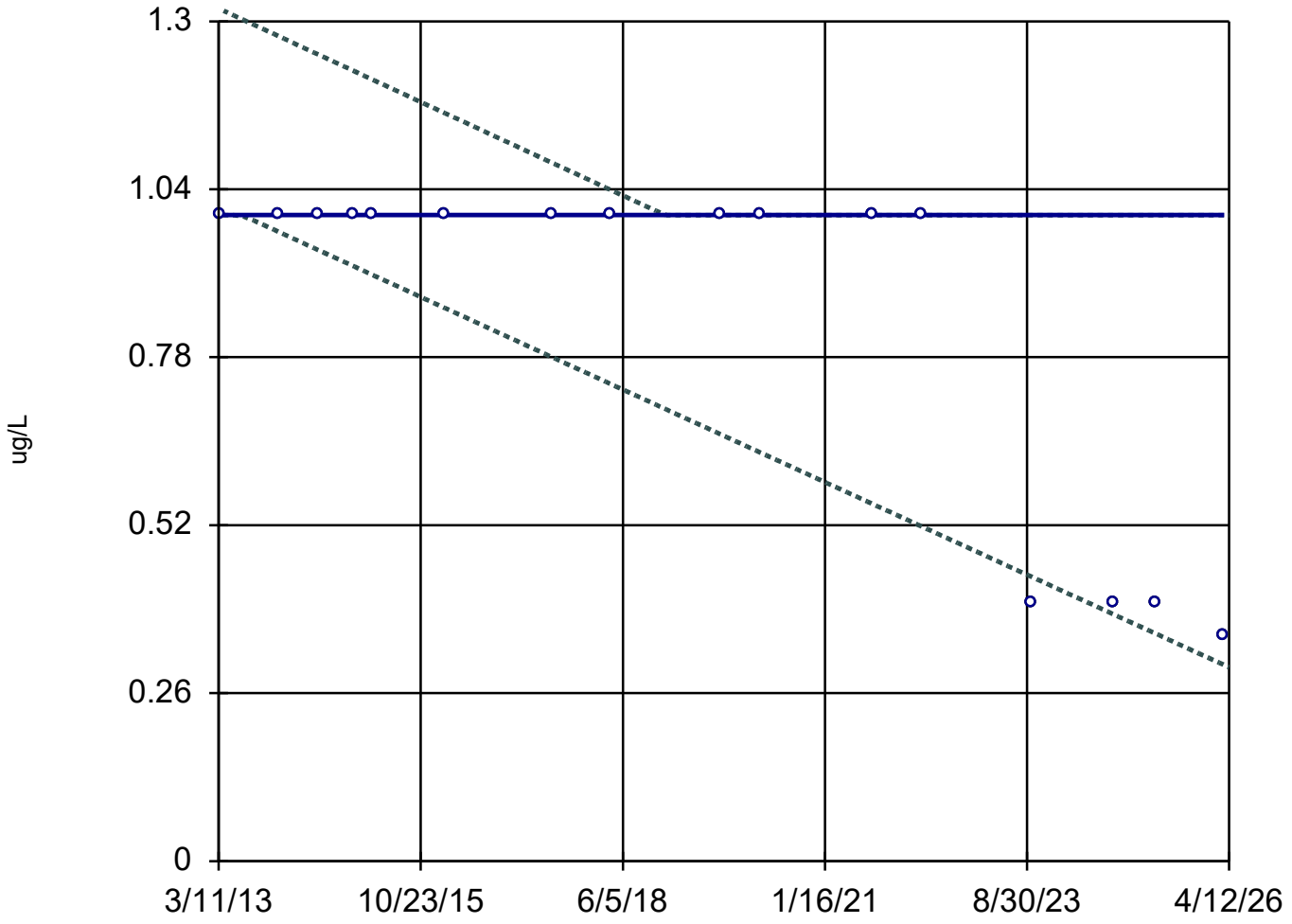
Constituent: Chlorobenzene Analysis Run 8/19/2026 1:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-14R



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -51
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

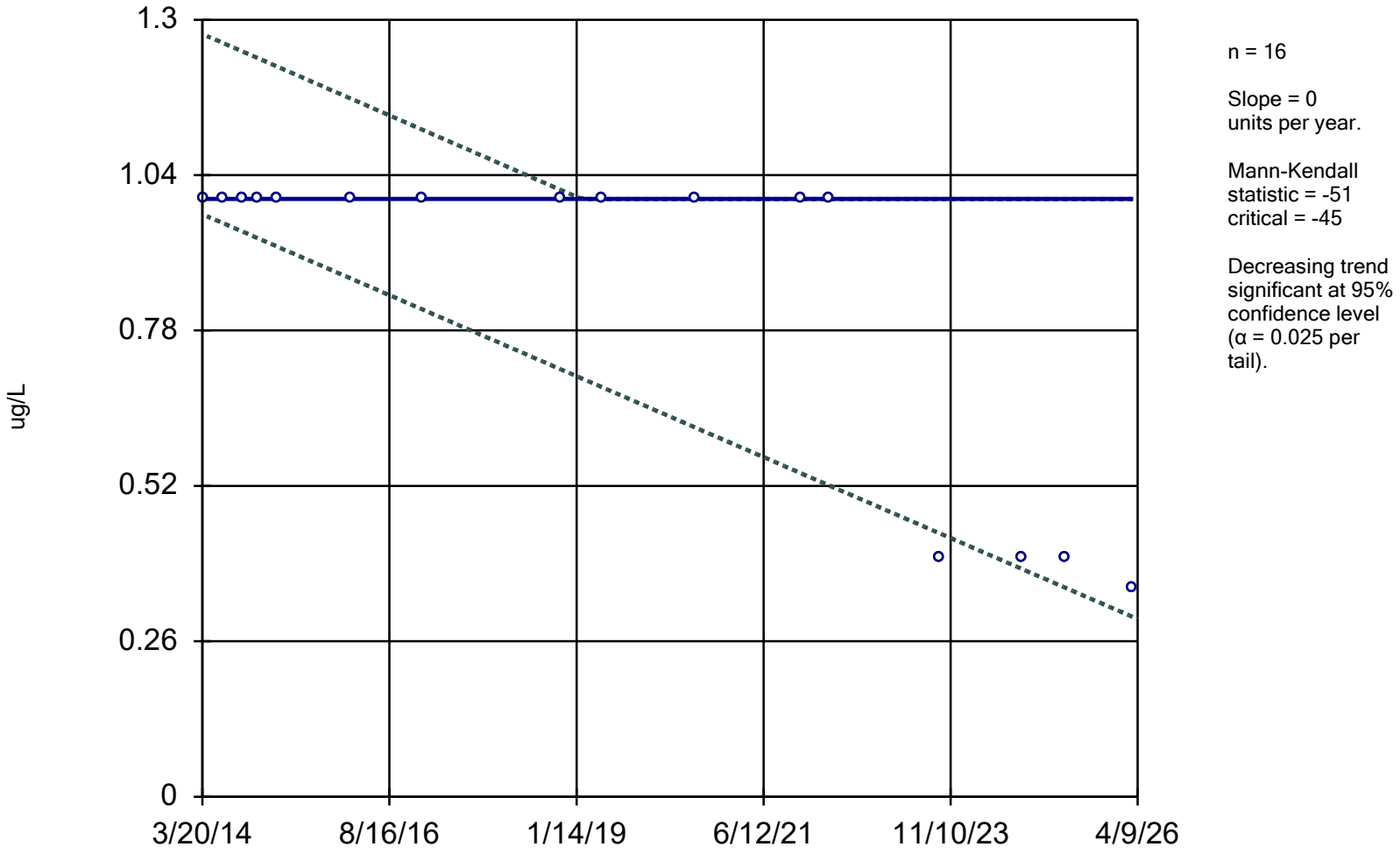
Constituent: Chlorobenzene Analysis Run 8/19/2026 1:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-18



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -51
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

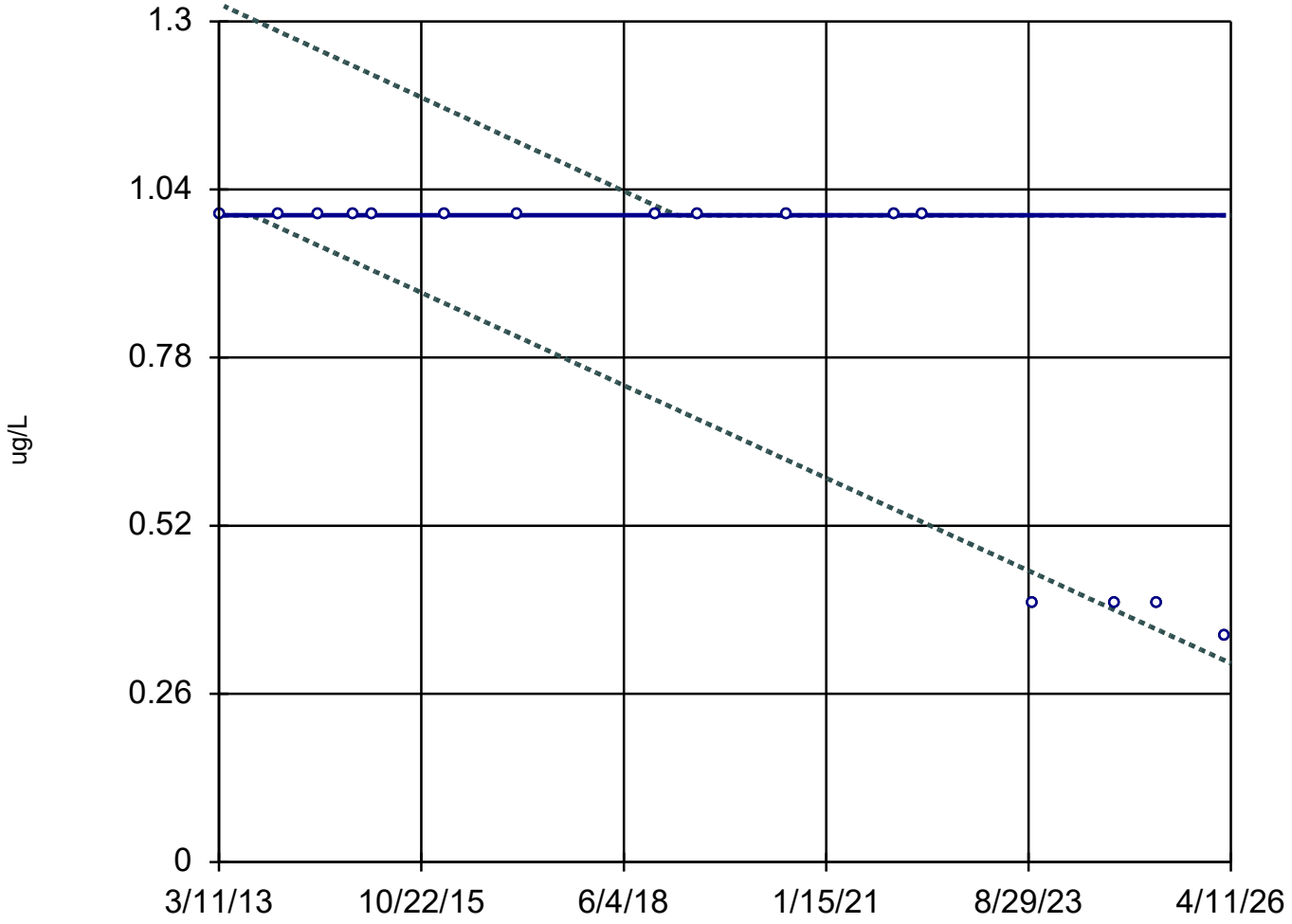
Constituent: Chlorobenzene Analysis Run 8/19/2026 1:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-19



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -51
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

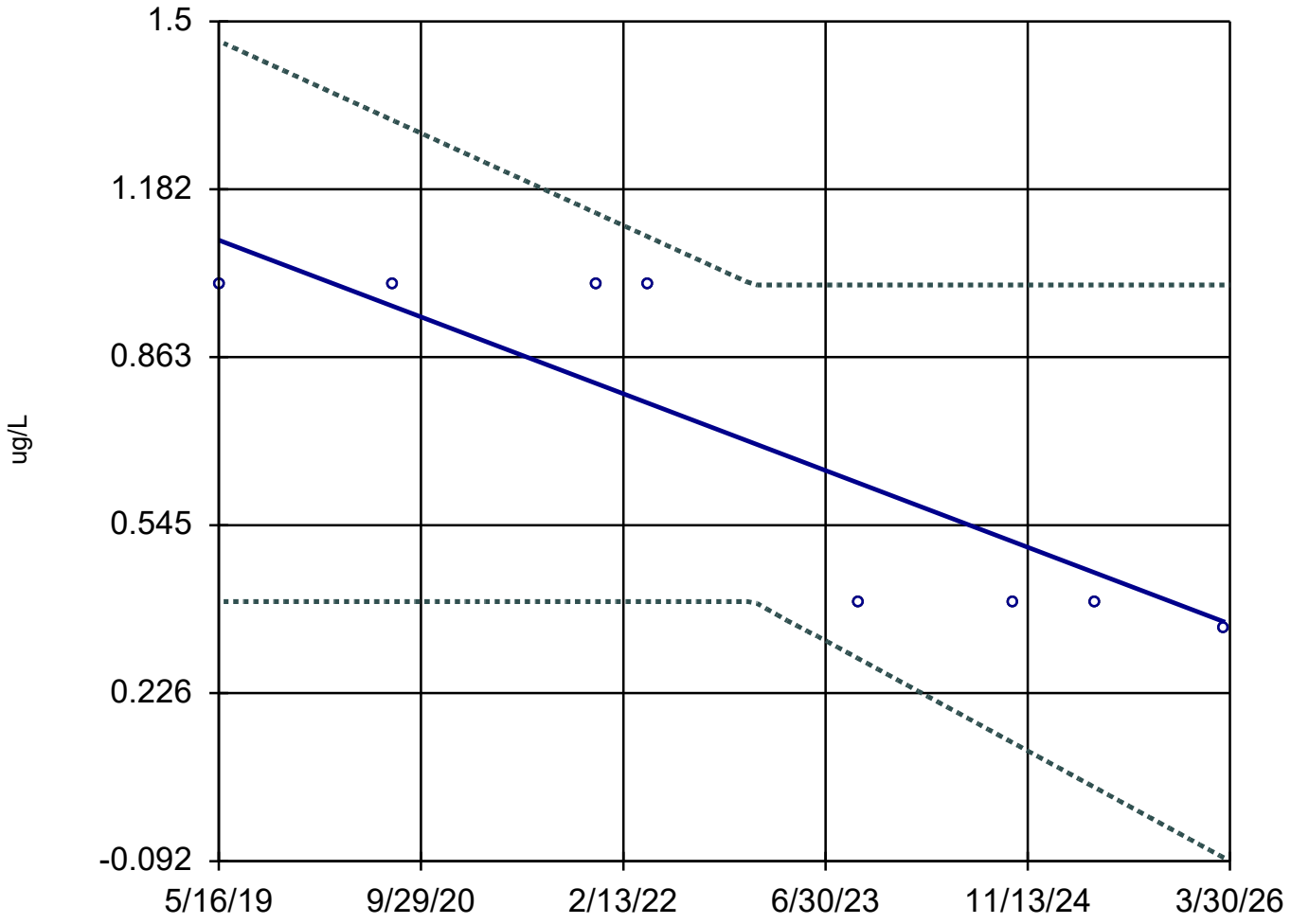
Constituent: Chlorobenzene Analysis Run 8/19/2026 1:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-23 (bg)



n = 8

Slope = -0.1059 units per year.

Mann-Kendall statistic = -19
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

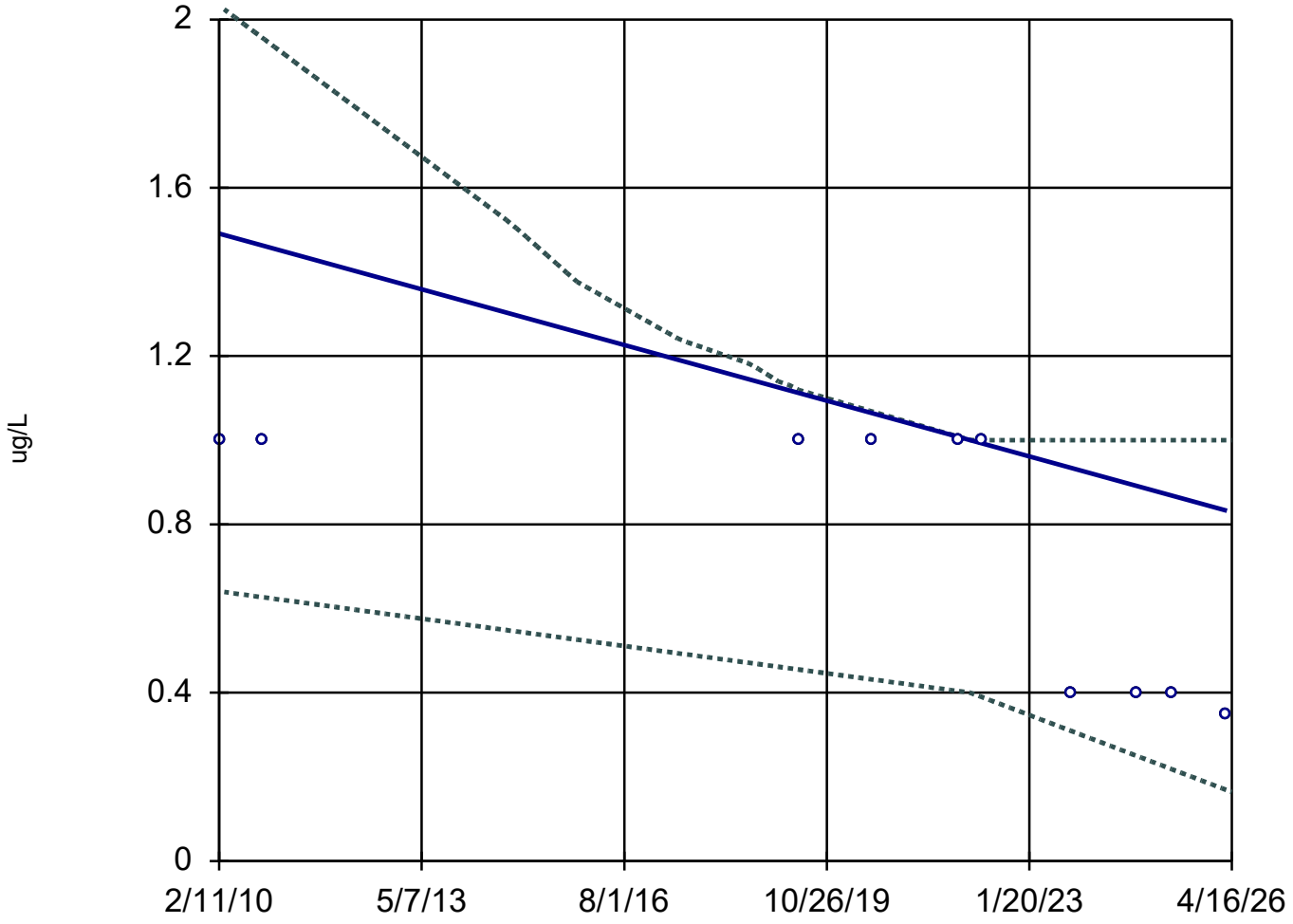
Constituent: Chlorobenzene Analysis Run 8/19/2026 1:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-24R (bg)



n = 10

Slope = -0.0409 units per year.

Mann-Kendall statistic = -27
critical = -23

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

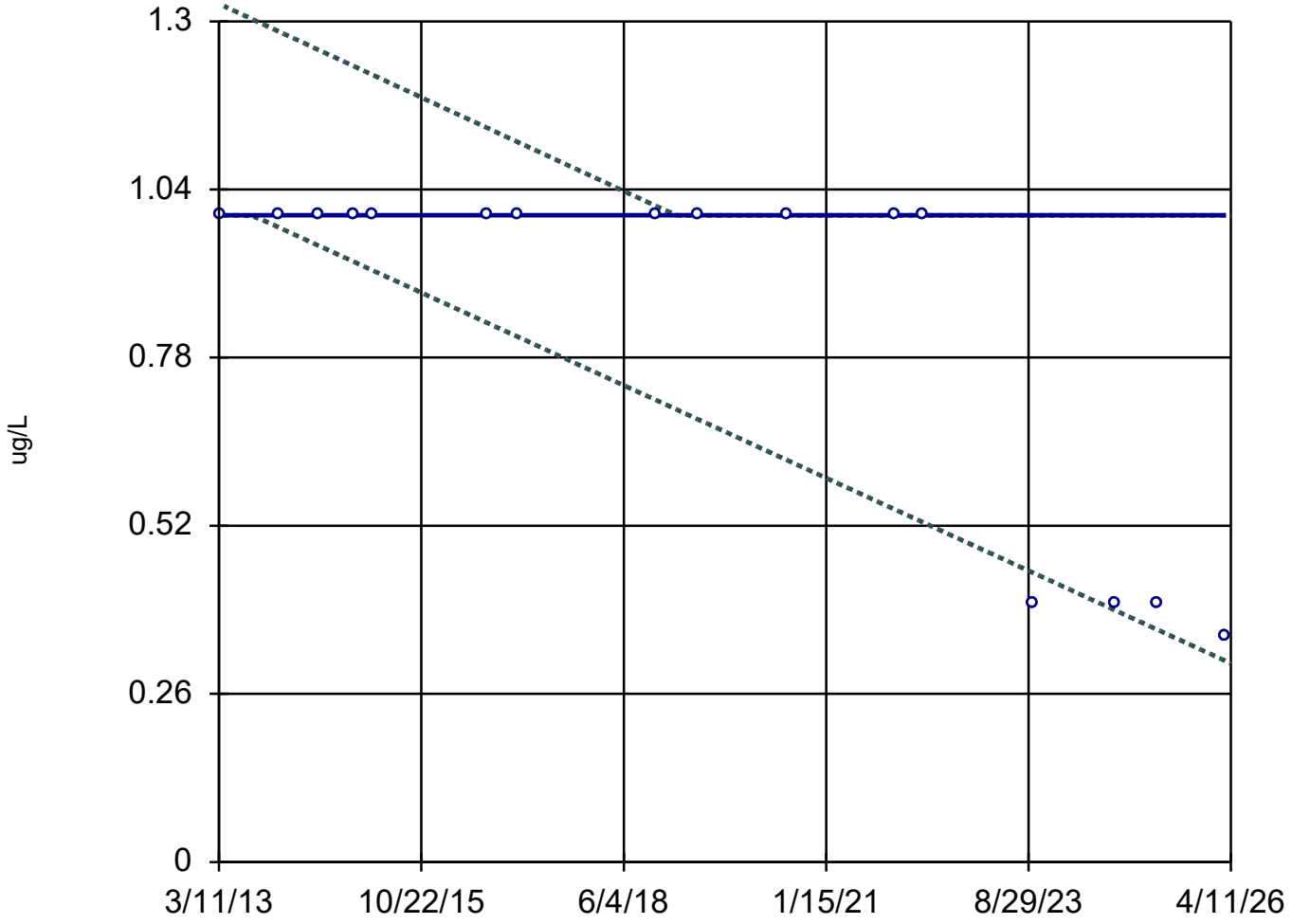
Constituent: Chlorobenzene Analysis Run 8/19/2026 1:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-28



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -51
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

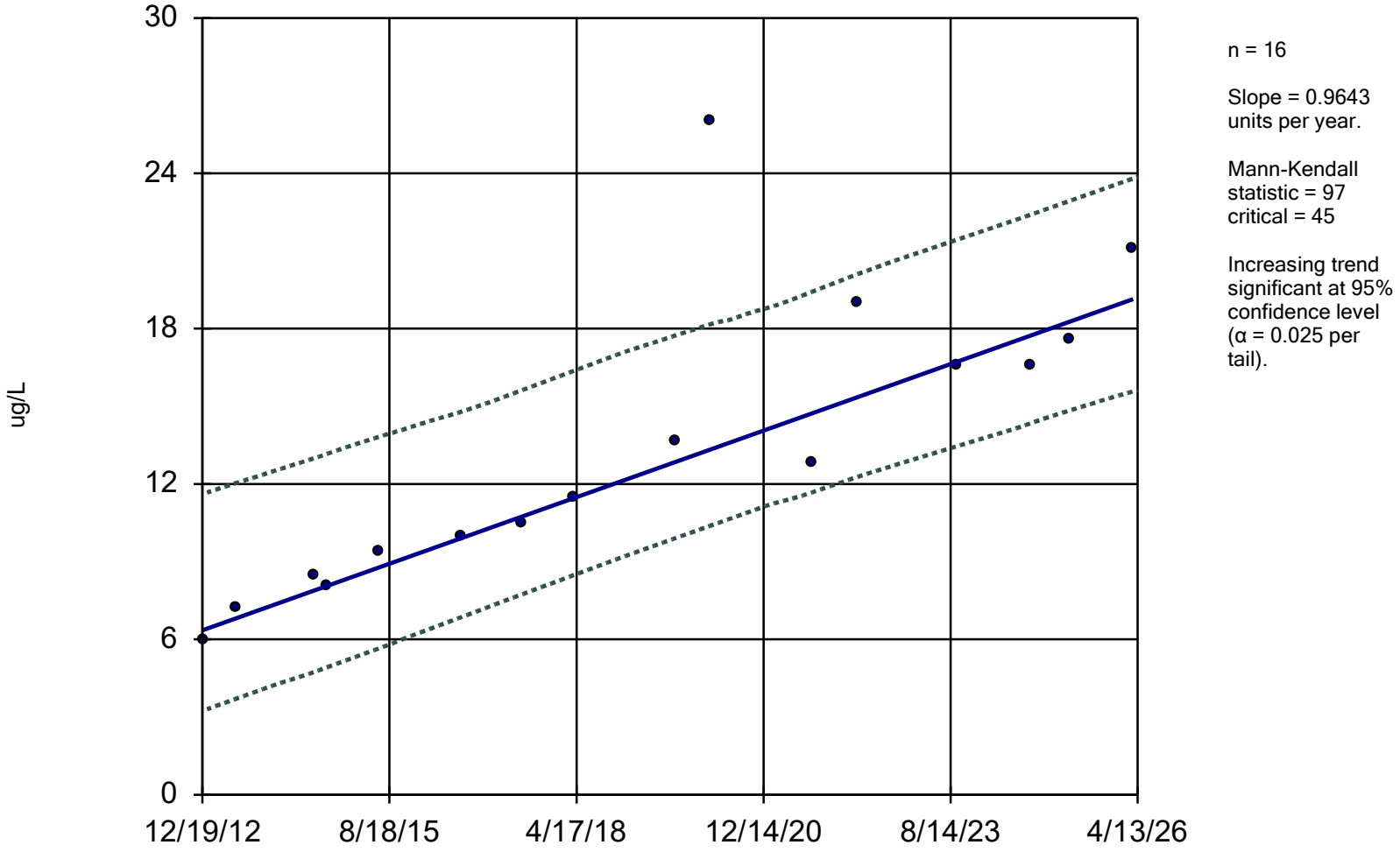
Constituent: Chlorobenzene Analysis Run 8/19/2026 1:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-29



n = 16

Slope = 0.9643 units per year.

Mann-Kendall statistic = 97
critical = 45

Increasing trend significant at 95% confidence level (α = 0.025 per tail).

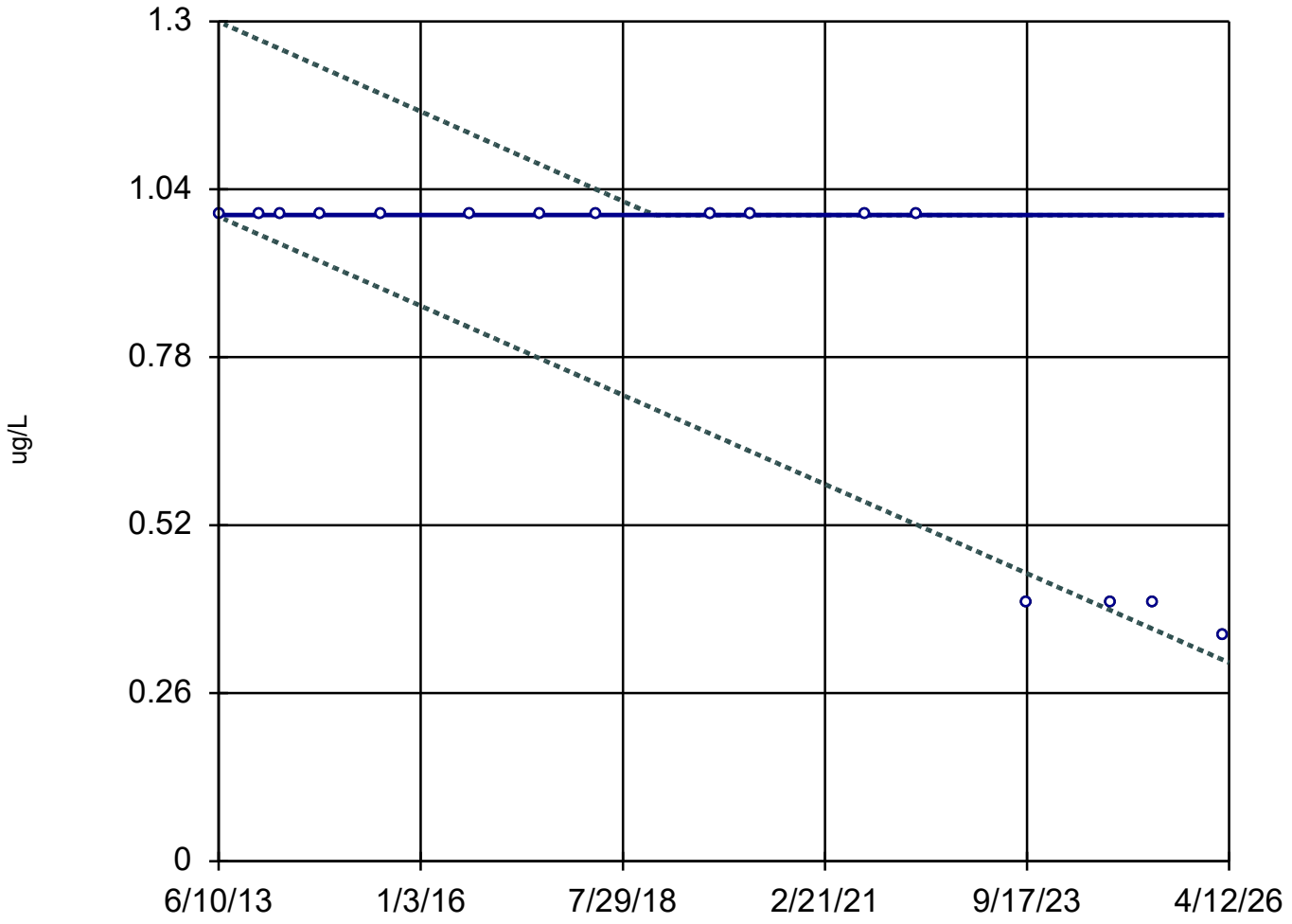
Constituent: Chlorobenzene Analysis Run 8/19/2026 1:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-30R



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -51
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

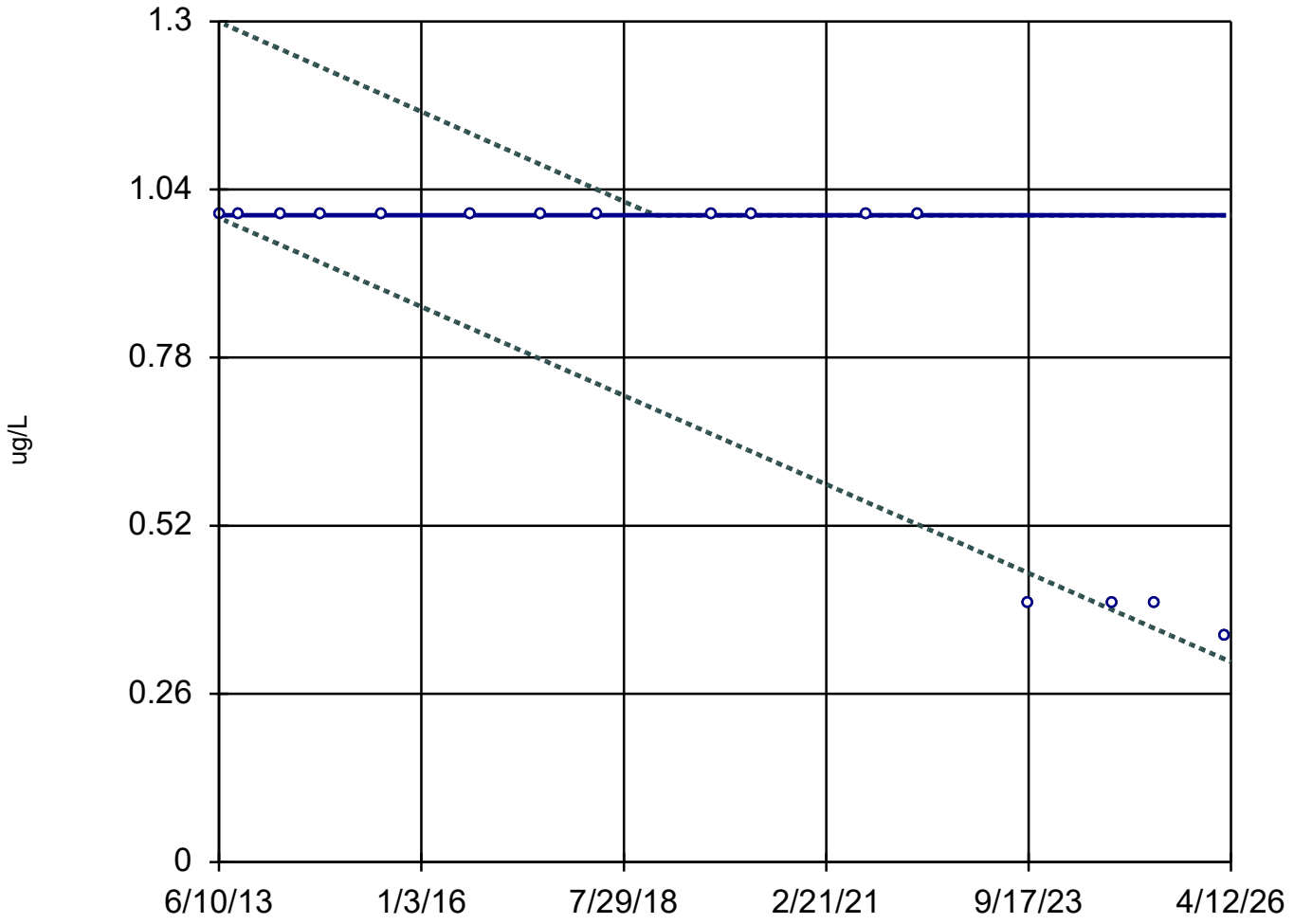
Constituent: Chlorobenzene Analysis Run 8/19/2026 1:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-33R



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -51
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

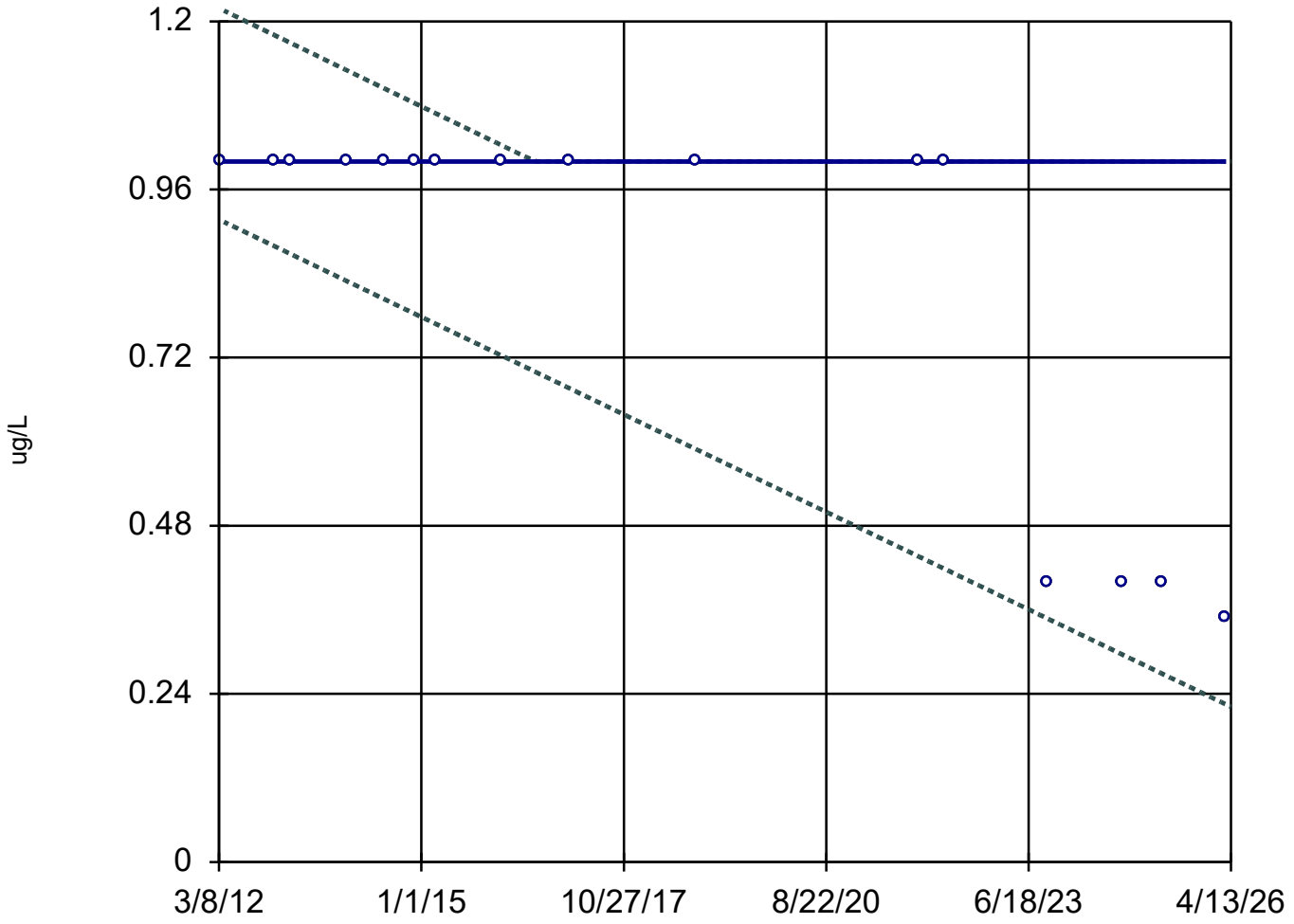
Constituent: Chlorobenzene Analysis Run 8/19/2026 1:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-39



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -51
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

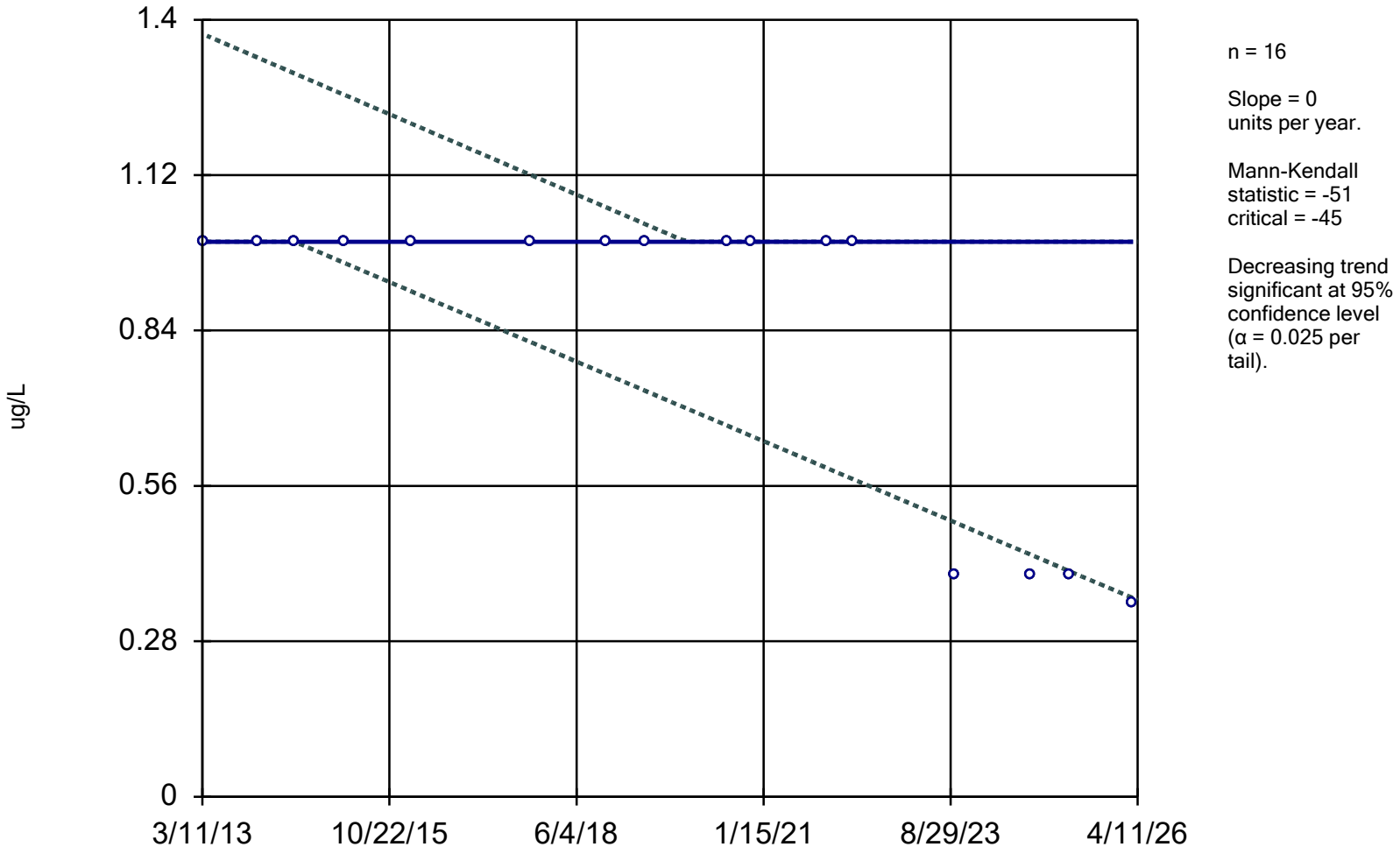
Constituent: Chlorobenzene Analysis Run 8/19/2026 1:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-55



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -51
critical = -45

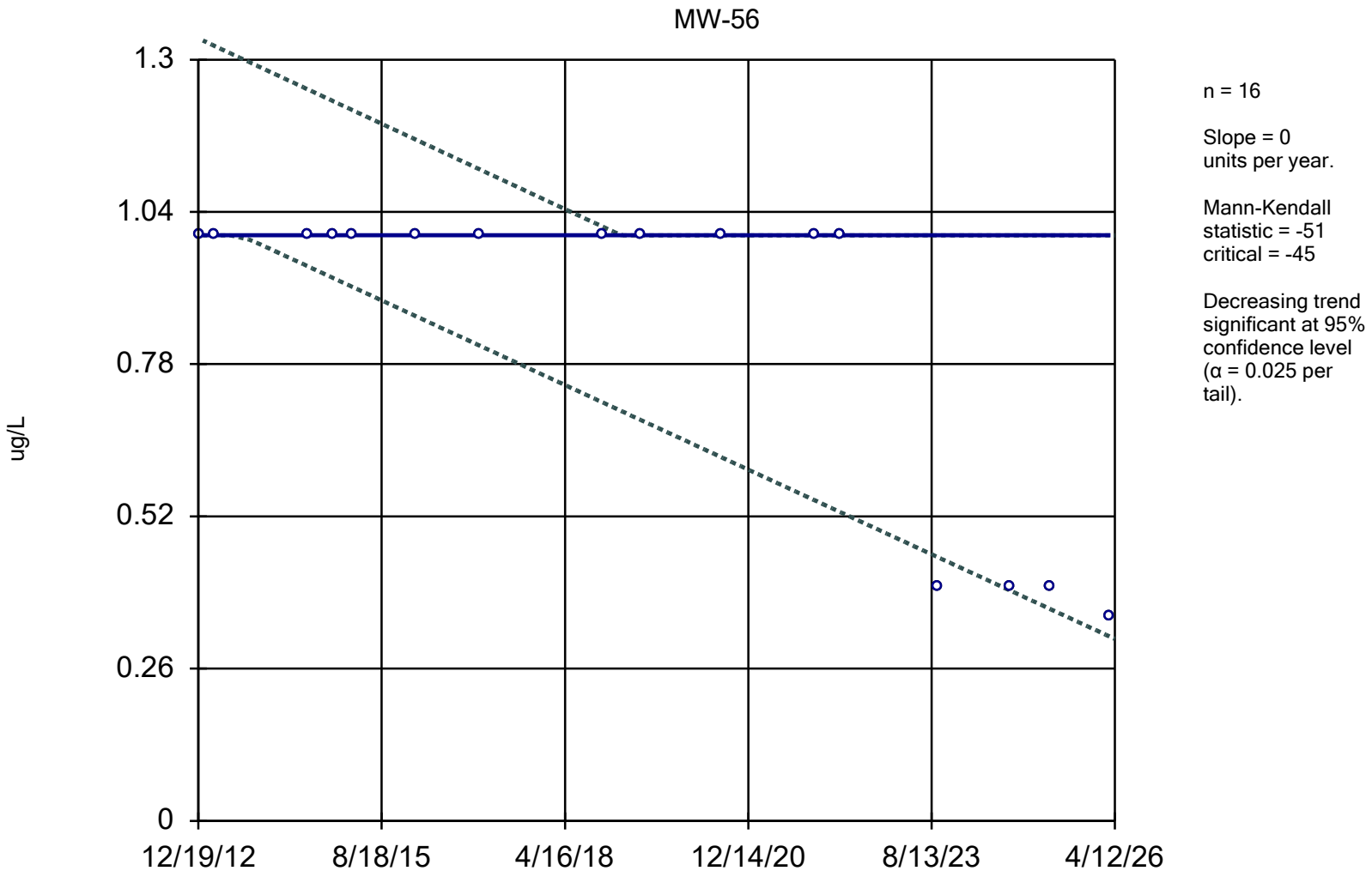
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Chlorobenzene Analysis Run 8/19/2026 1:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



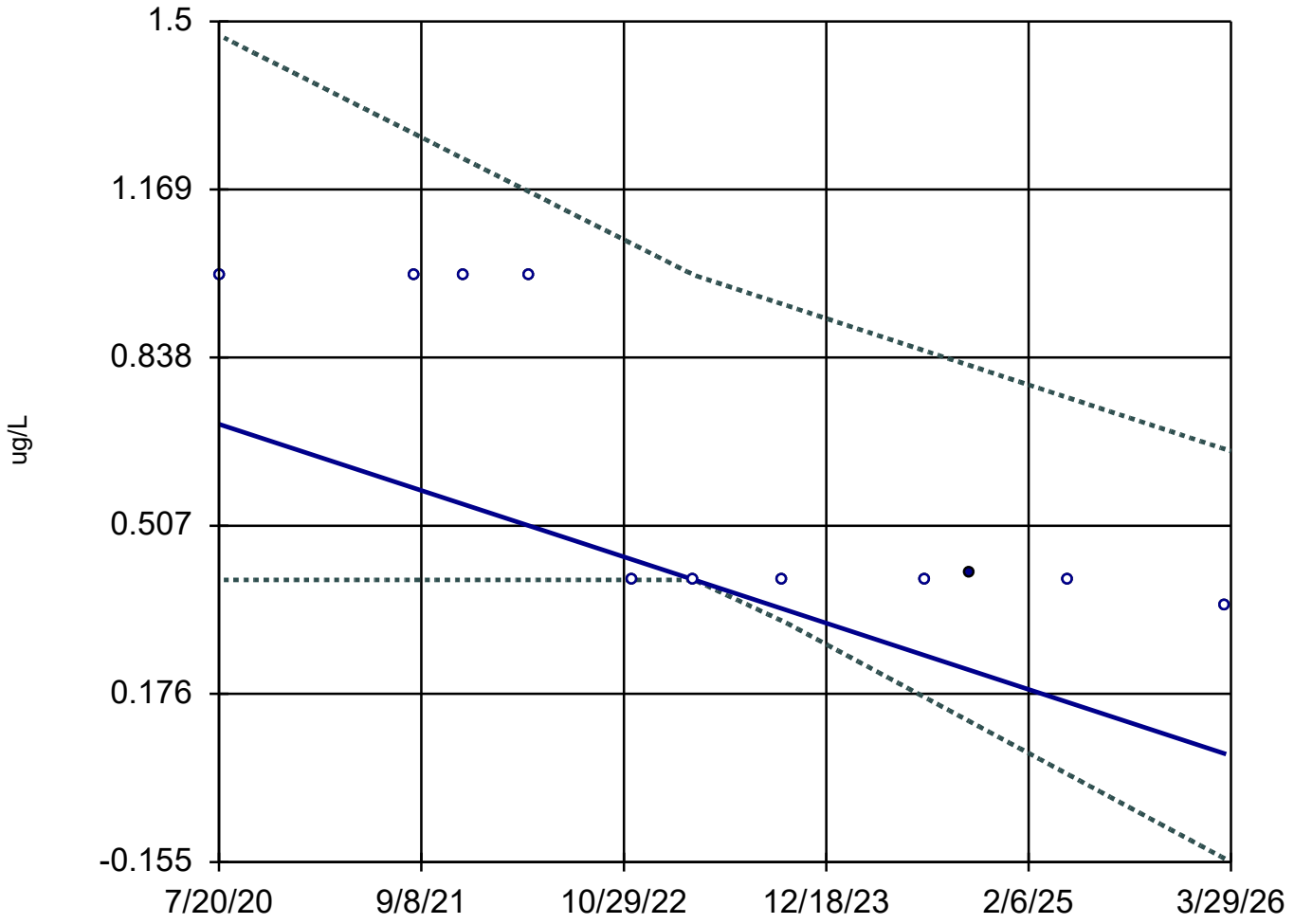
Constituent: Chlorobenzene Analysis Run 8/19/2026 1:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-57R



n = 11

Slope = -0.1147 units per year.

Mann-Kendall statistic = -31
critical = -27

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

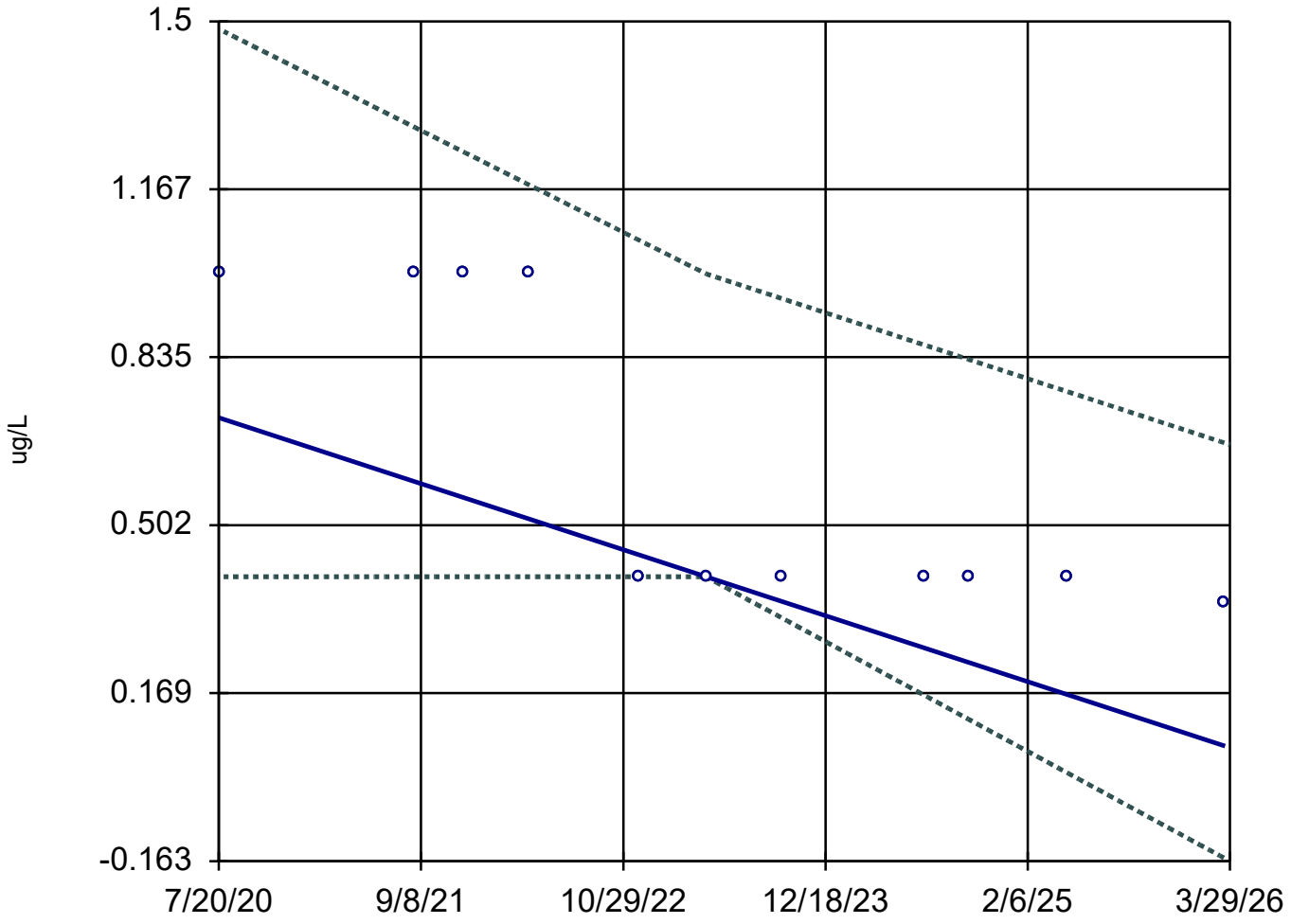
Constituent: Chlorobenzene Analysis Run 8/19/2026 1:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-73



n = 11

Slope = -0.1147 units per year.

Mann-Kendall statistic = -34
critical = -27

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

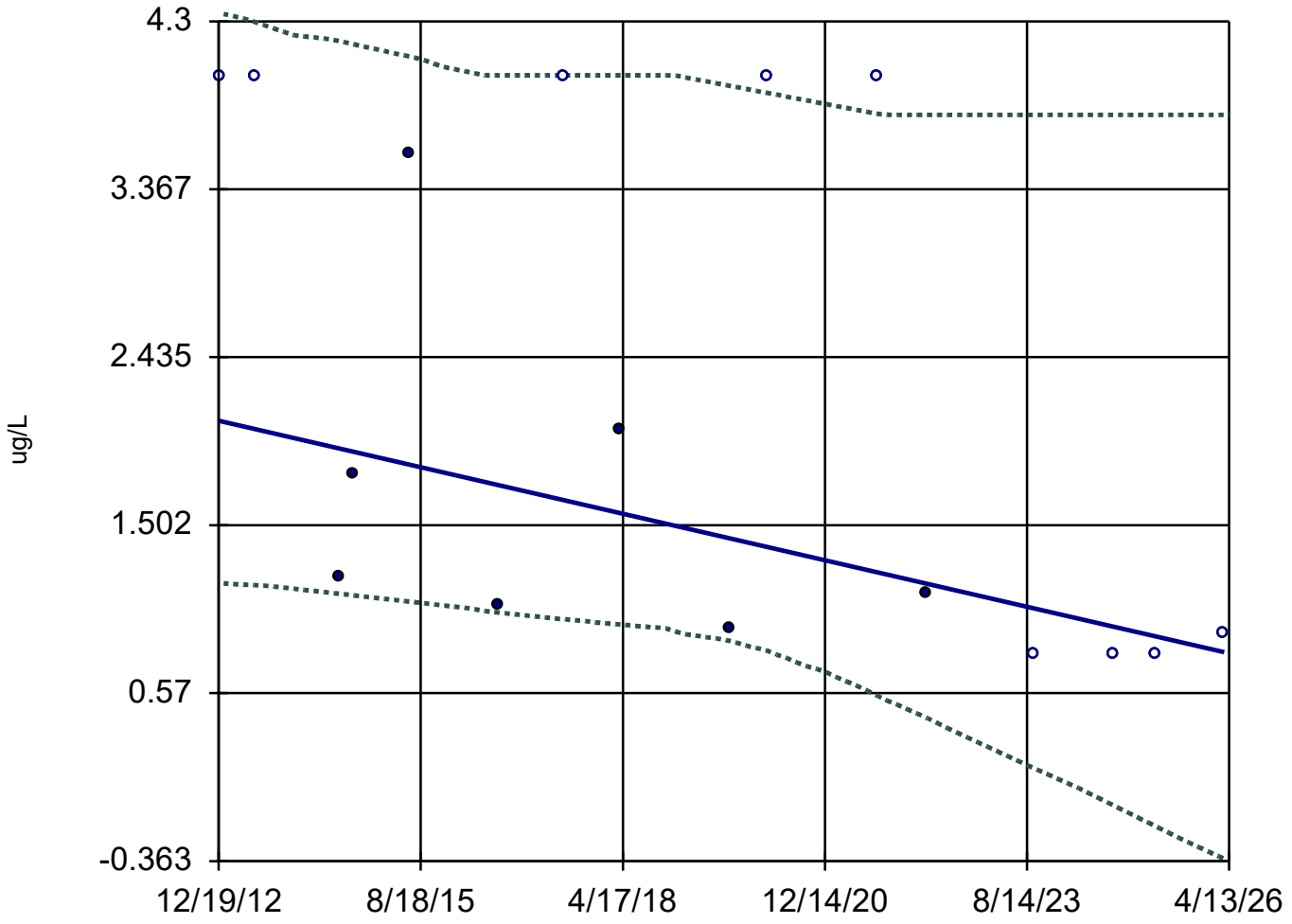
Constituent: Chlorobenzene Analysis Run 8/19/2026 1:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-29



n = 16

Slope = -0.09693 units per year.

Mann-Kendall statistic = -53
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

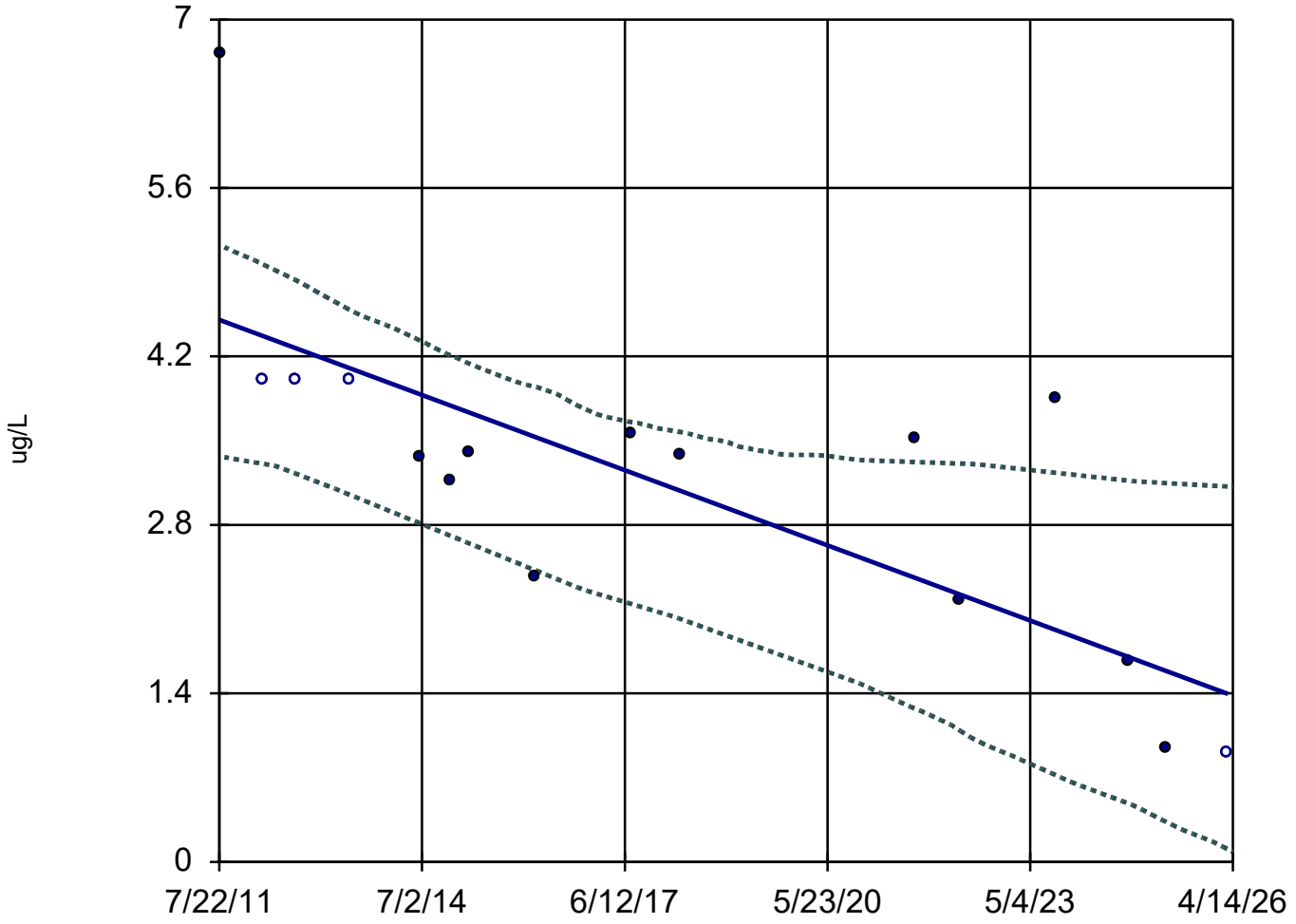
Constituent: Chloroethane Analysis Run 8/19/2026 1:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-58



n = 16

Slope = -0.212 units per year.

Mann-Kendall statistic = -73
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

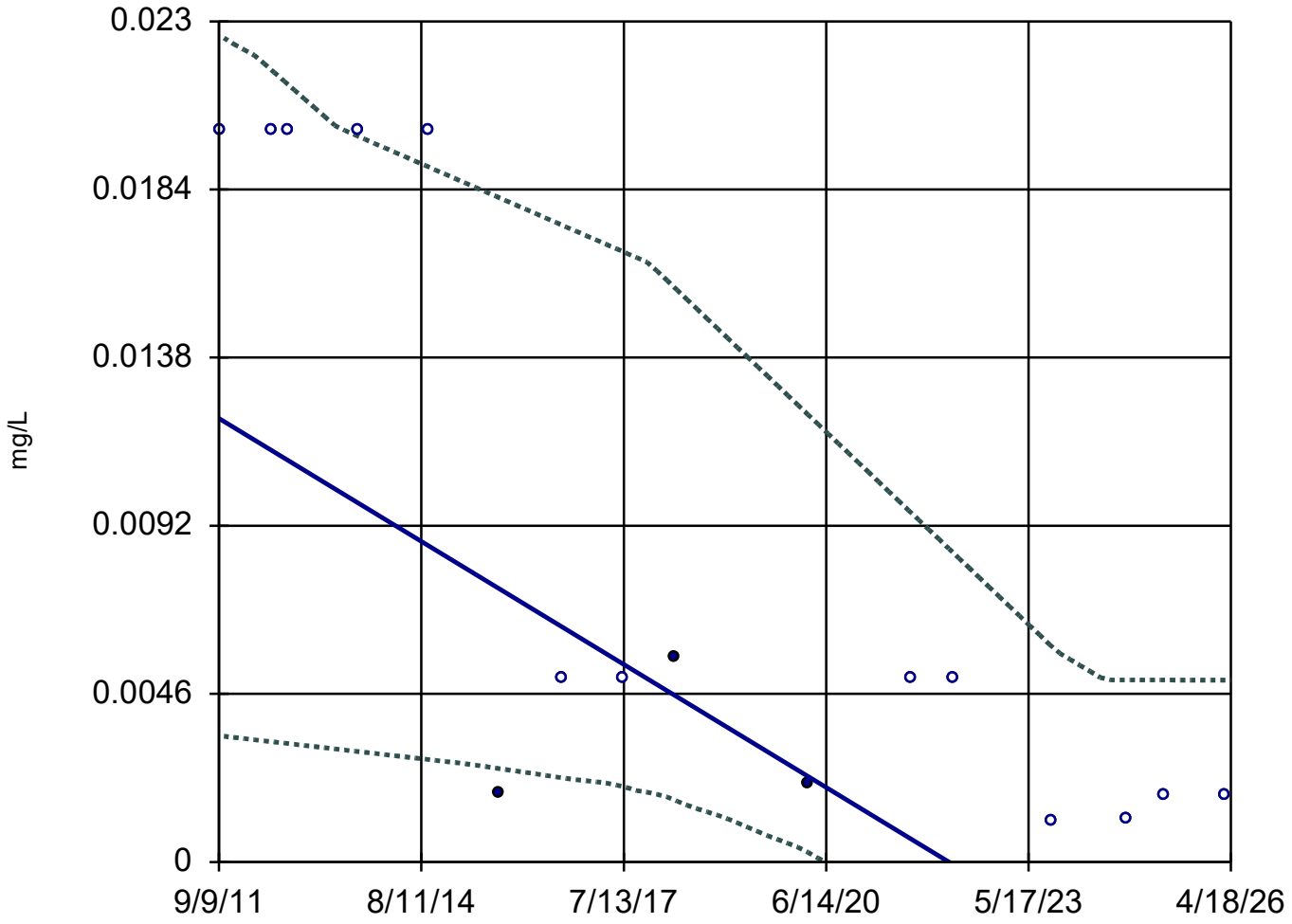
Constituent: Chloroethane Analysis Run 8/19/2026 1:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

GU-3A



n = 16

Slope = -0.001151 units per year.

Mann-Kendall statistic = -73
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

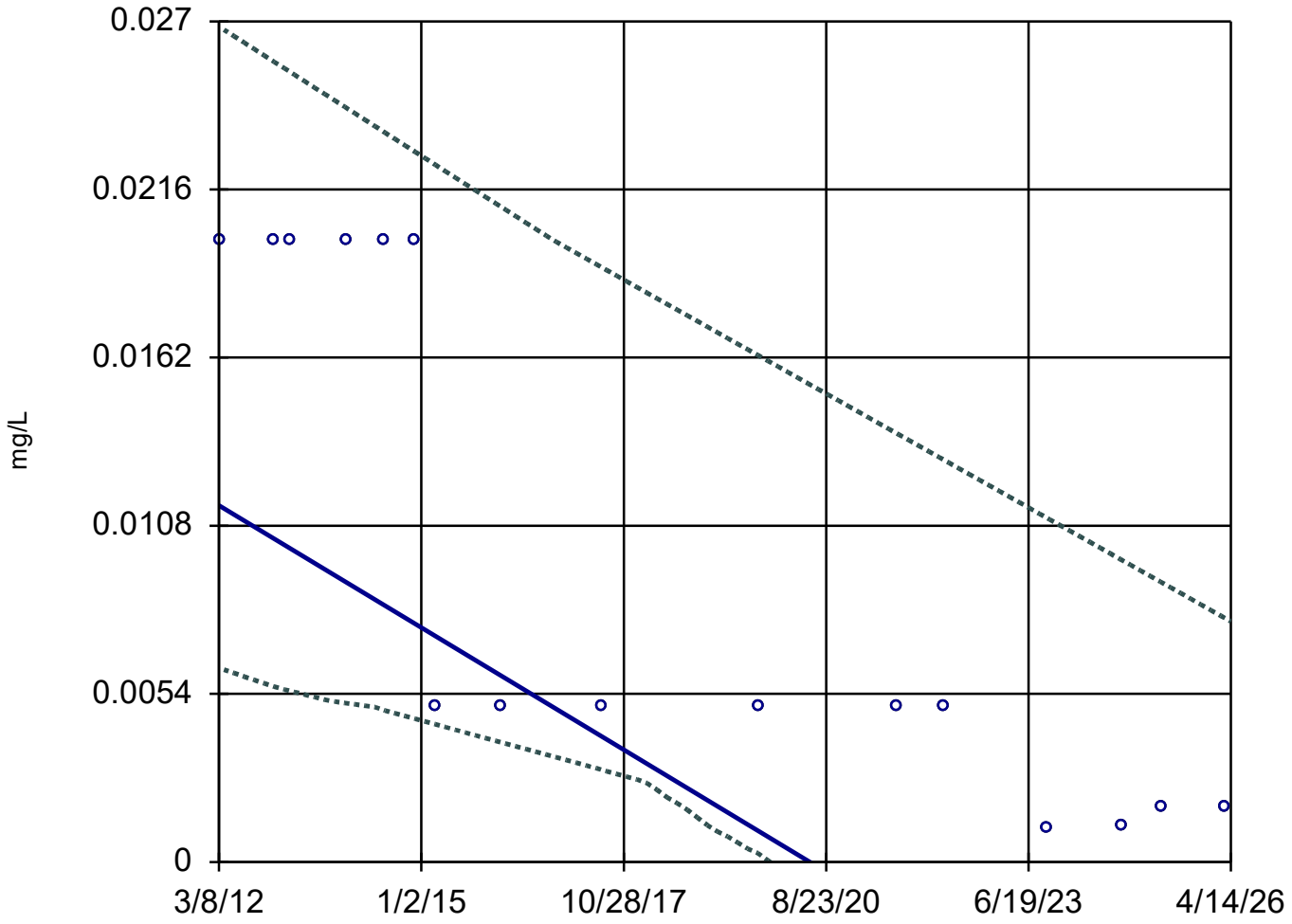
Constituent: Chromium Analysis Run 8/19/2026 1:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-14R



n = 16

Slope = -0.00139 units per year.

Mann-Kendall statistic = -79
critical = -45

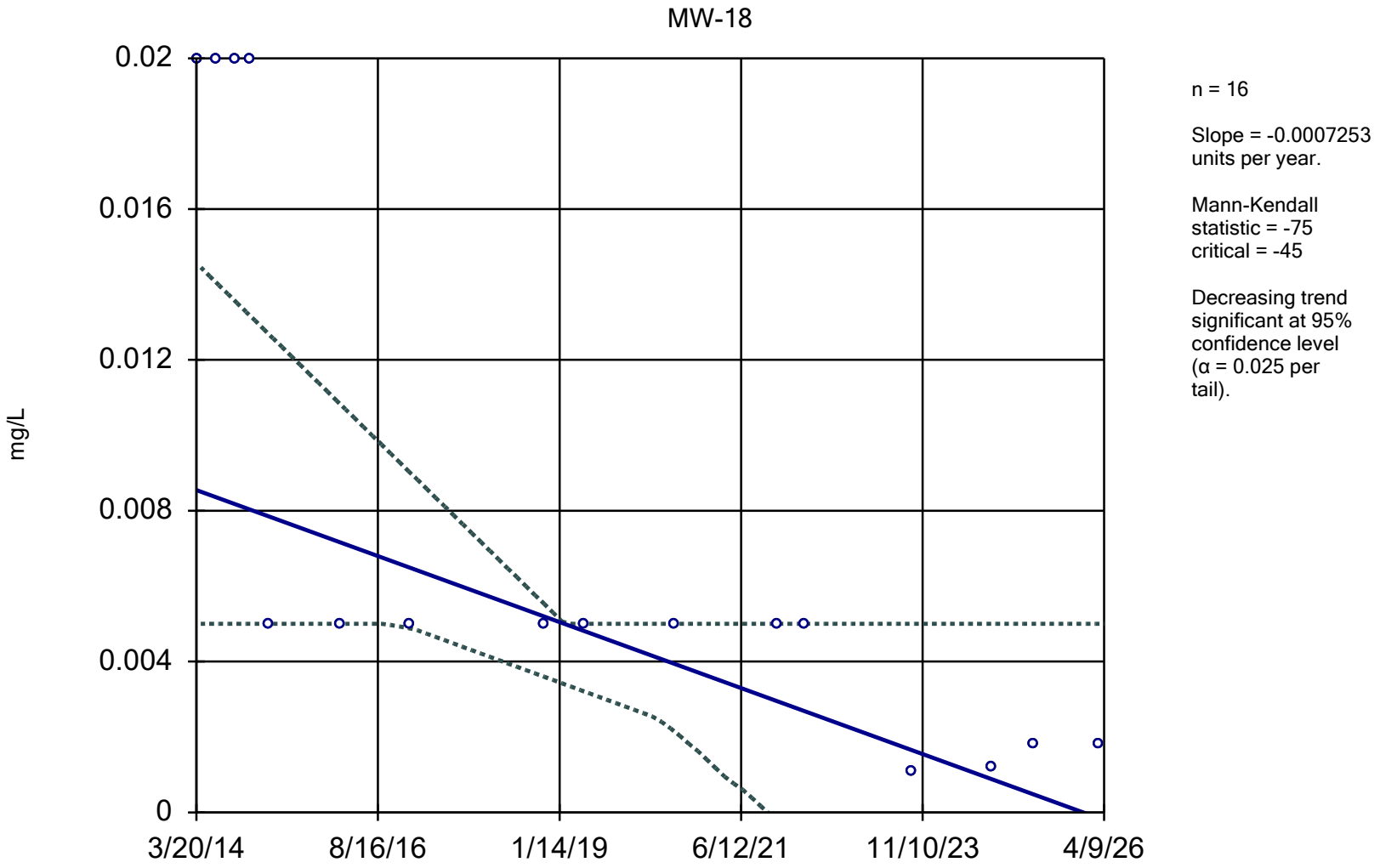
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Chromium Analysis Run 8/19/2026 1:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

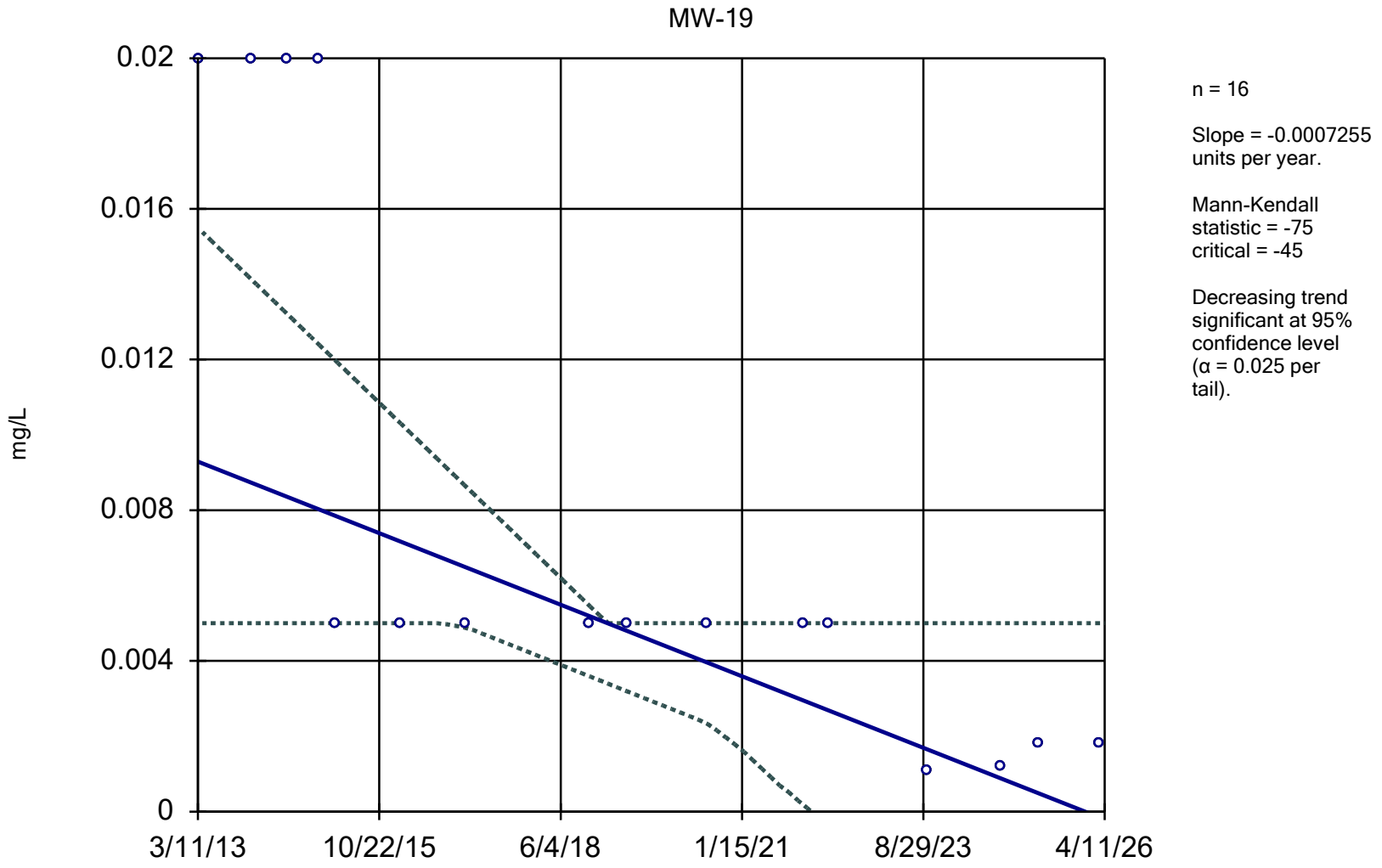


Constituent: Chromium Analysis Run 8/19/2026 1:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



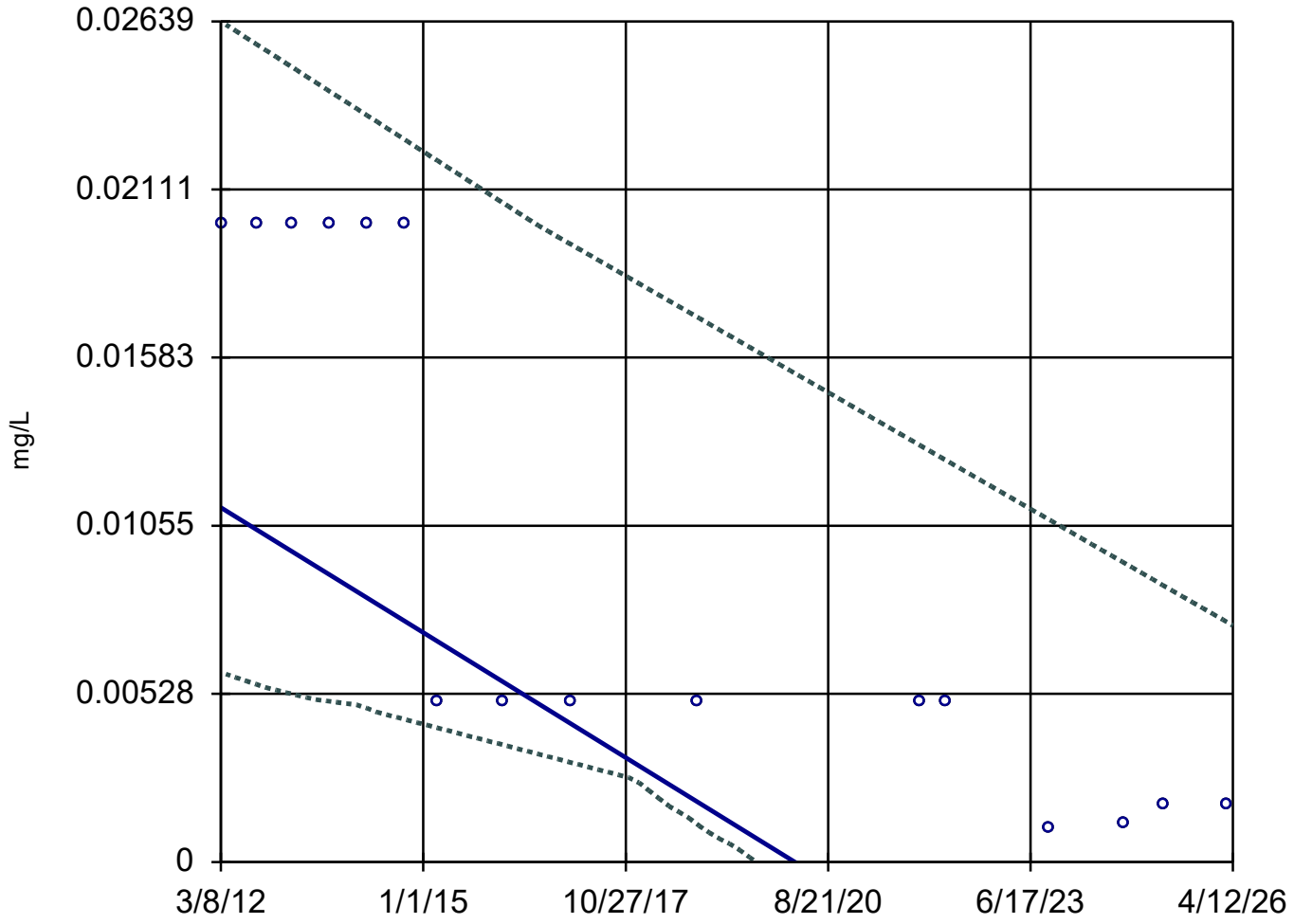
Constituent: Chromium Analysis Run 8/19/2026 1:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-23 (bg)



n = 16

Slope = -0.001391 units per year.

Mann-Kendall statistic = -79
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

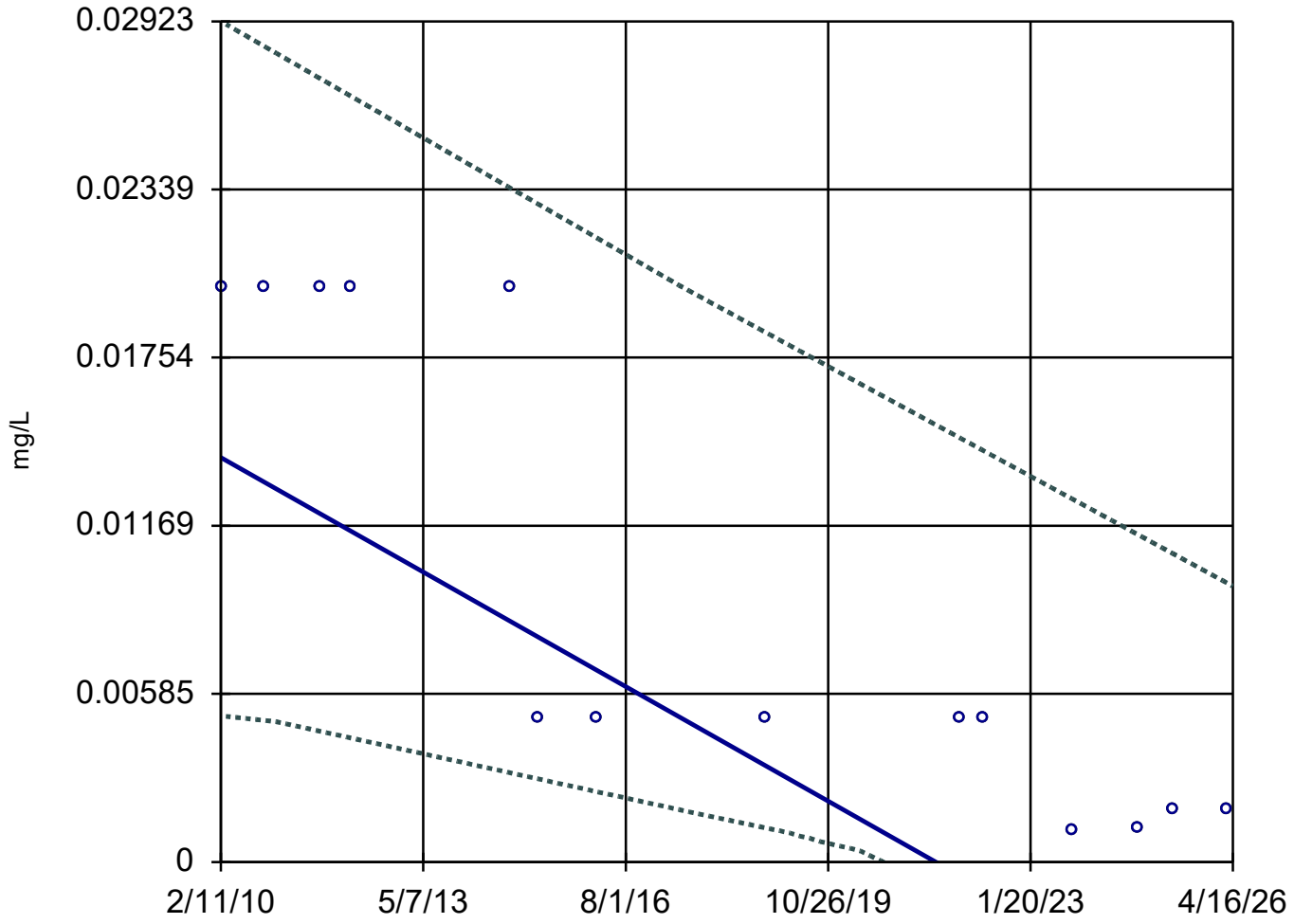
Constituent: Chromium Analysis Run 8/19/2026 1:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-24R (bg)



n = 14

Slope = -0.00123 units per year.

Mann-Kendall statistic = -60
critical = -37

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

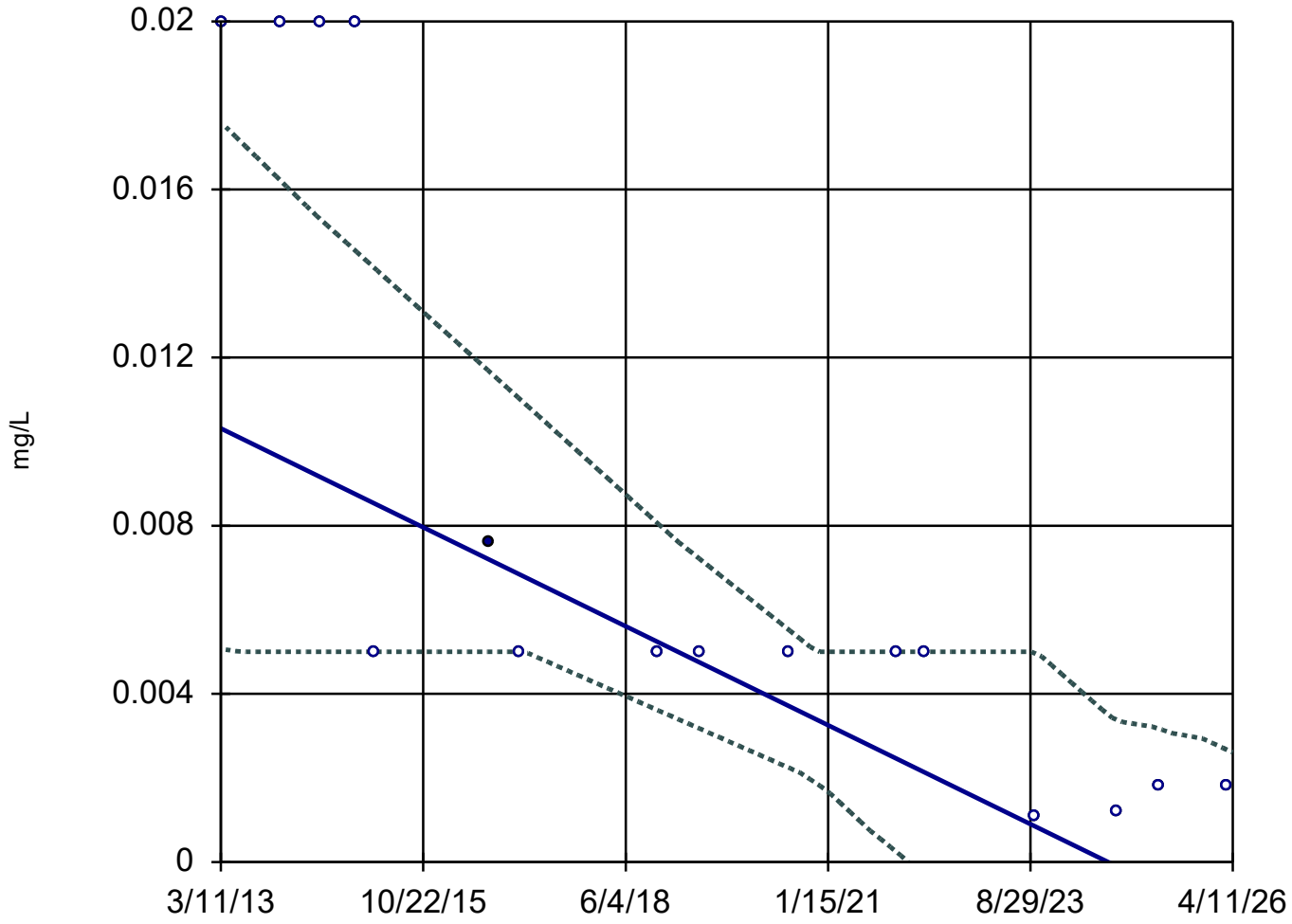
Constituent: Chromium Analysis Run 8/19/2026 1:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-28



n = 16

Slope = -0.0008985 units per year.

Mann-Kendall statistic = -80
critical = -45

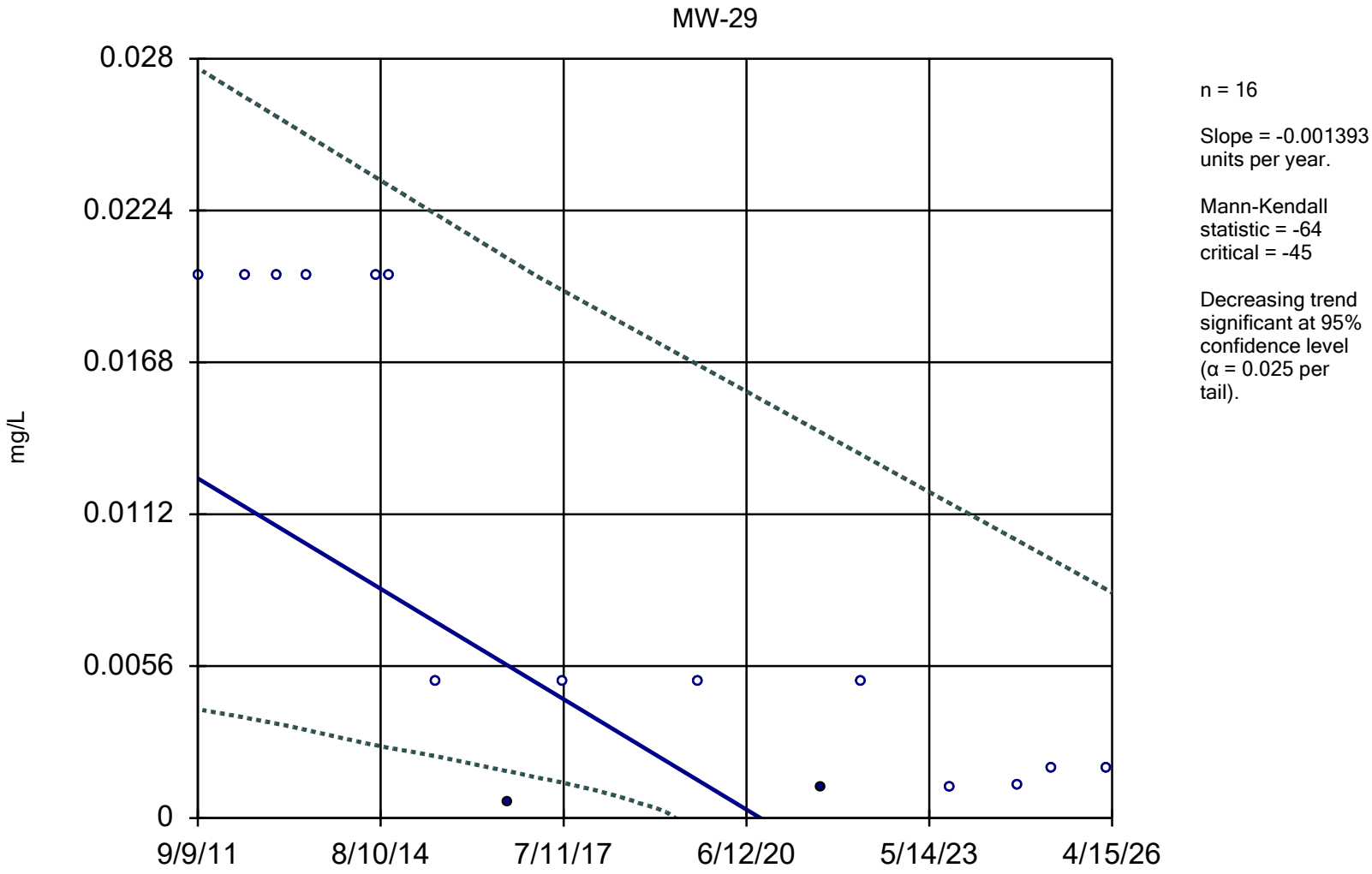
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Chromium Analysis Run 8/19/2026 1:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

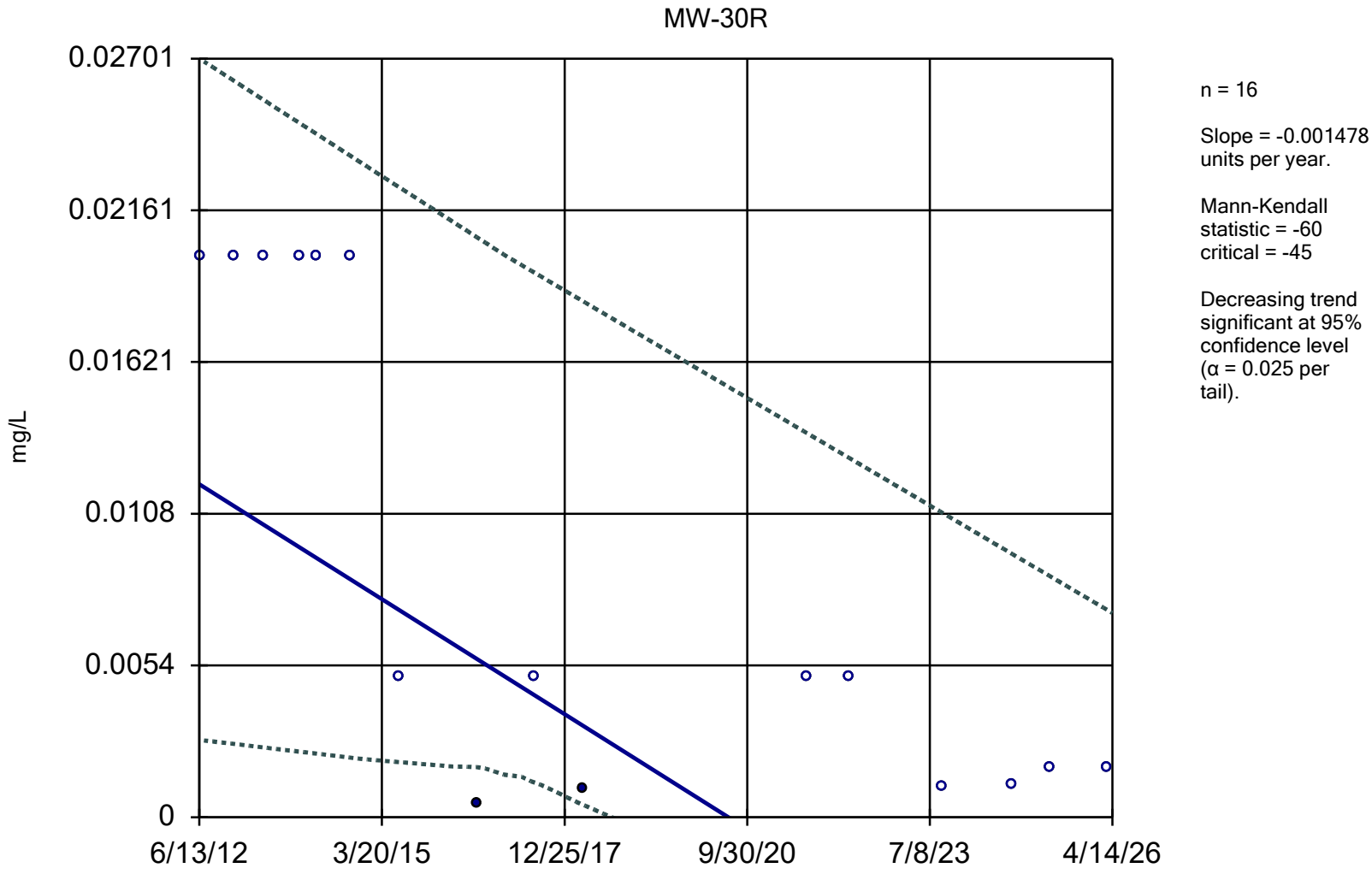


Constituent: Chromium Analysis Run 8/19/2026 1:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

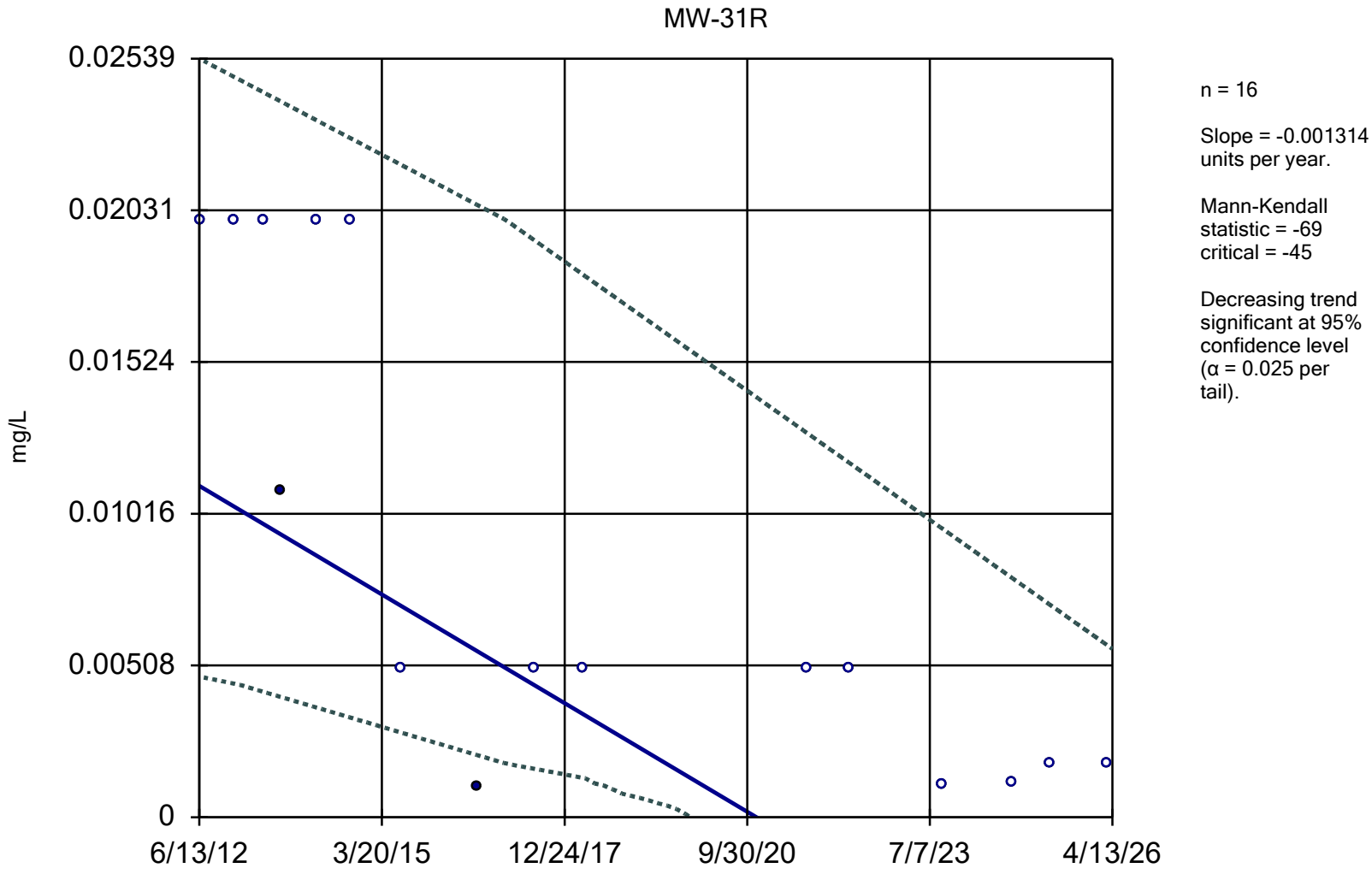


Constituent: Chromium Analysis Run 8/19/2026 1:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 16

Slope = -0.001314 units per year.

Mann-Kendall statistic = -69
critical = -45

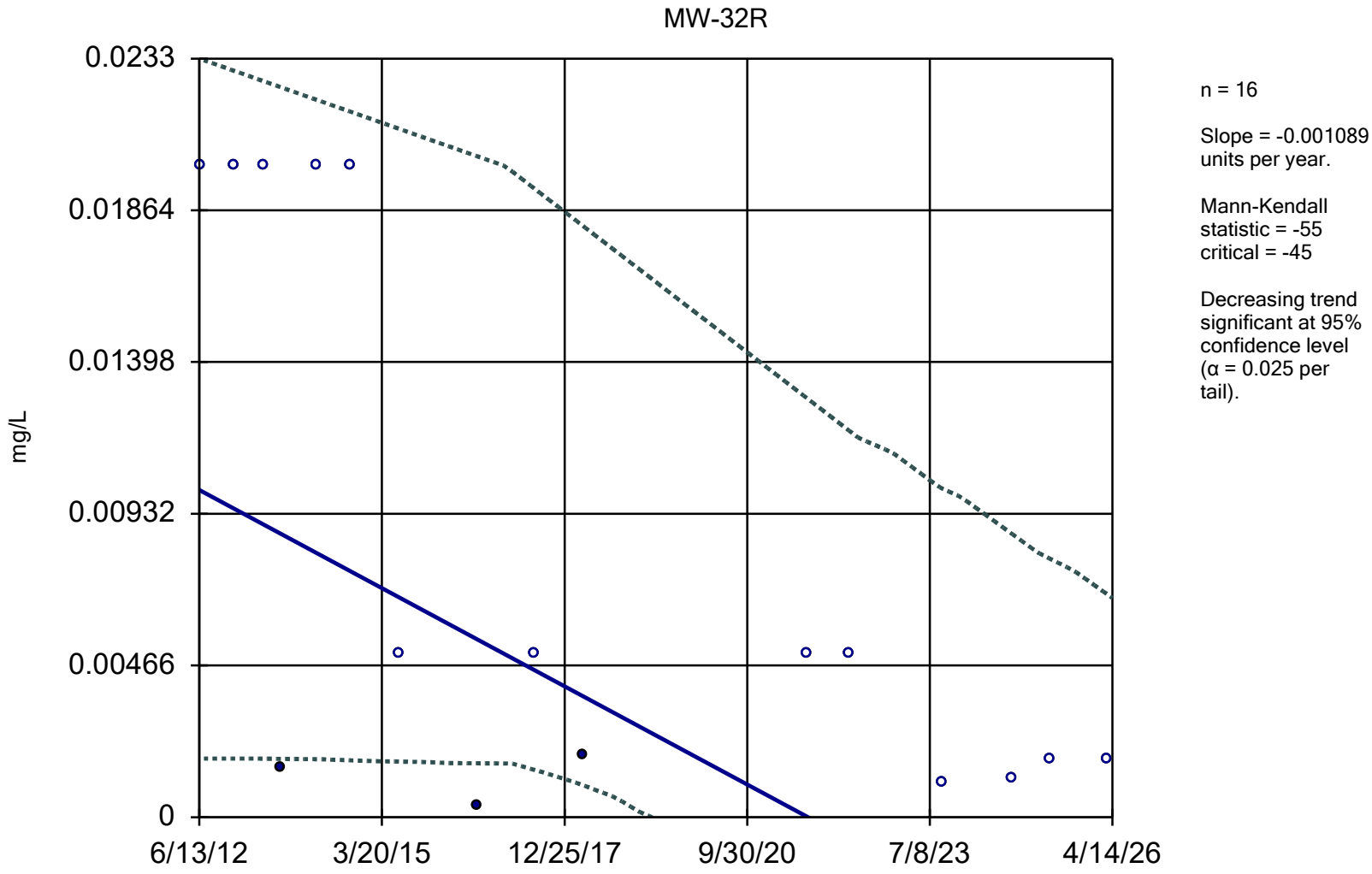
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Chromium Analysis Run 8/19/2026 1:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 16

Slope = -0.001089 units per year.

Mann-Kendall statistic = -55
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

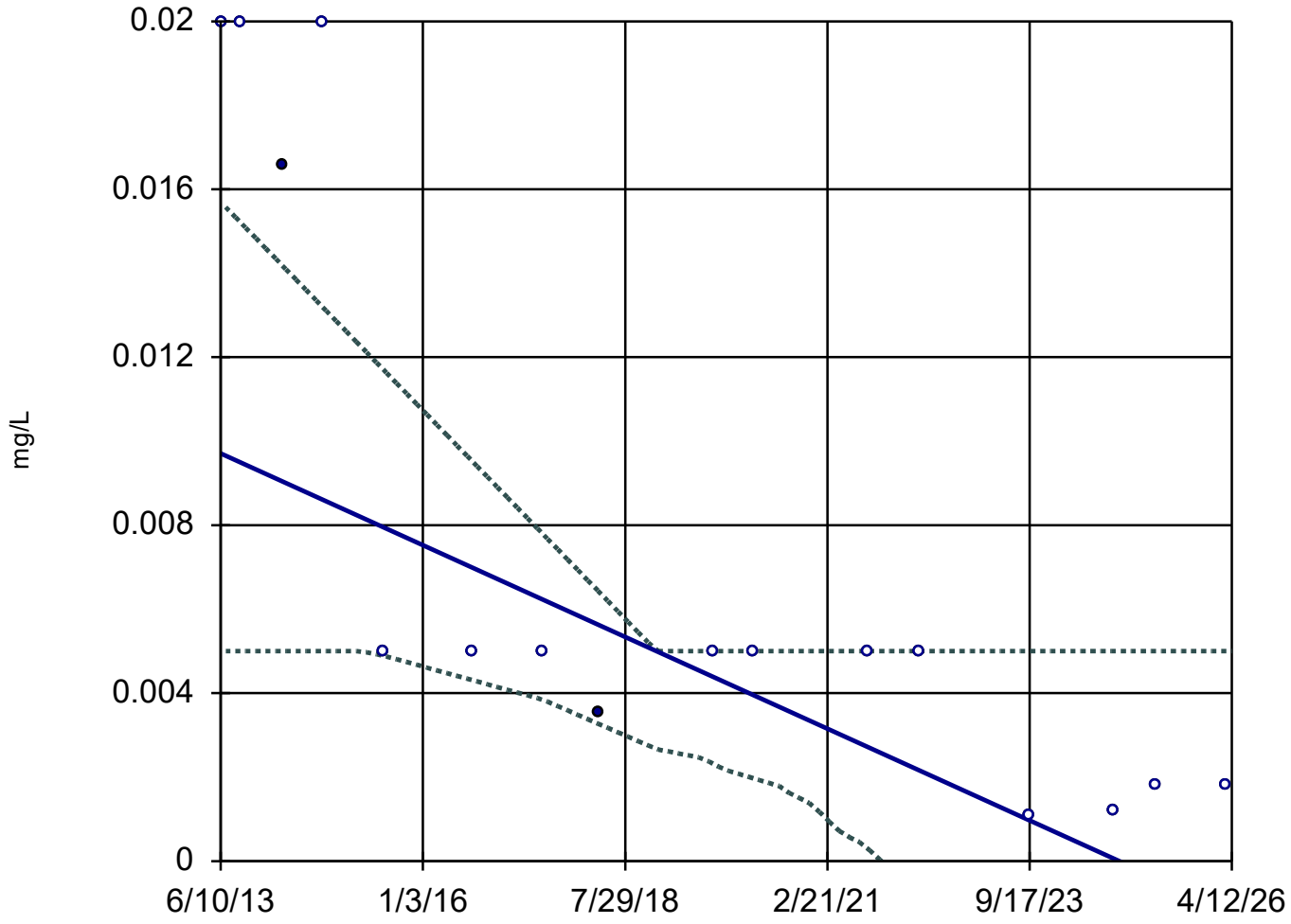
Constituent: Chromium Analysis Run 8/19/2026 1:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-33R



n = 16

Slope = -0.0008503 units per year.

Mann-Kendall statistic = -75
critical = -45

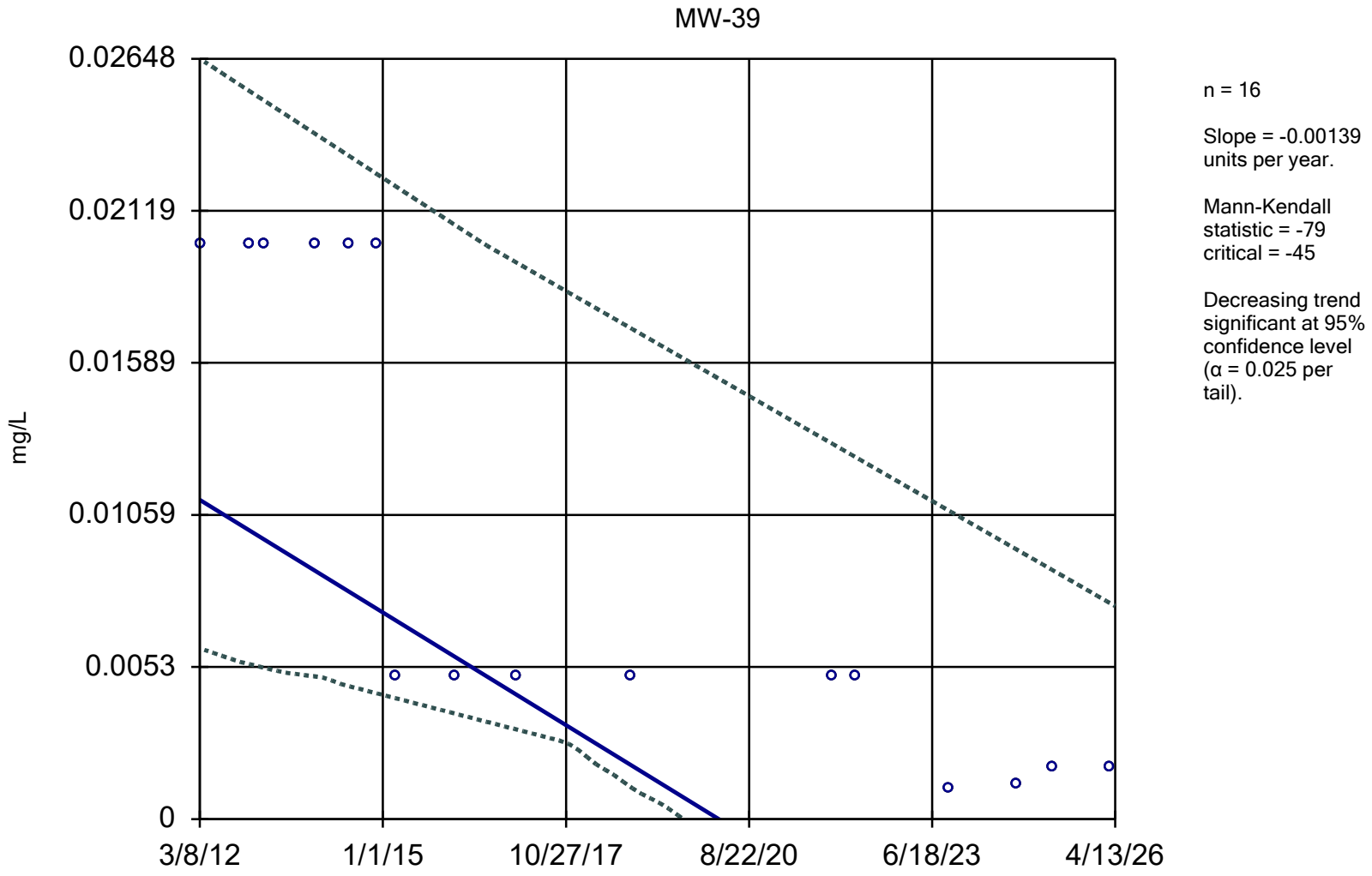
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Chromium Analysis Run 8/19/2026 1:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

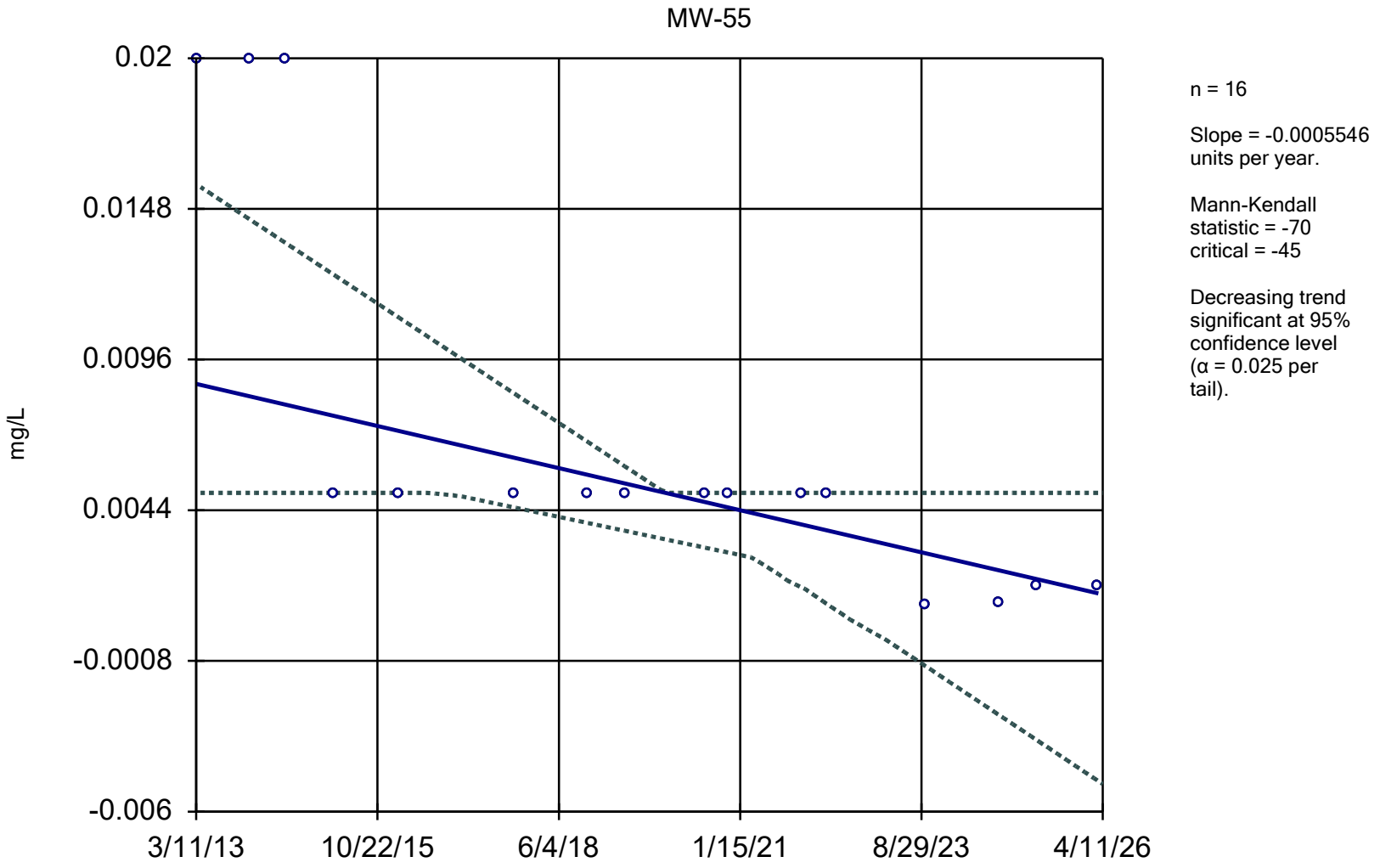


Constituent: Chromium Analysis Run 8/19/2026 1:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 16

Slope = -0.0005546 units per year.

Mann-Kendall statistic = -70
critical = -45

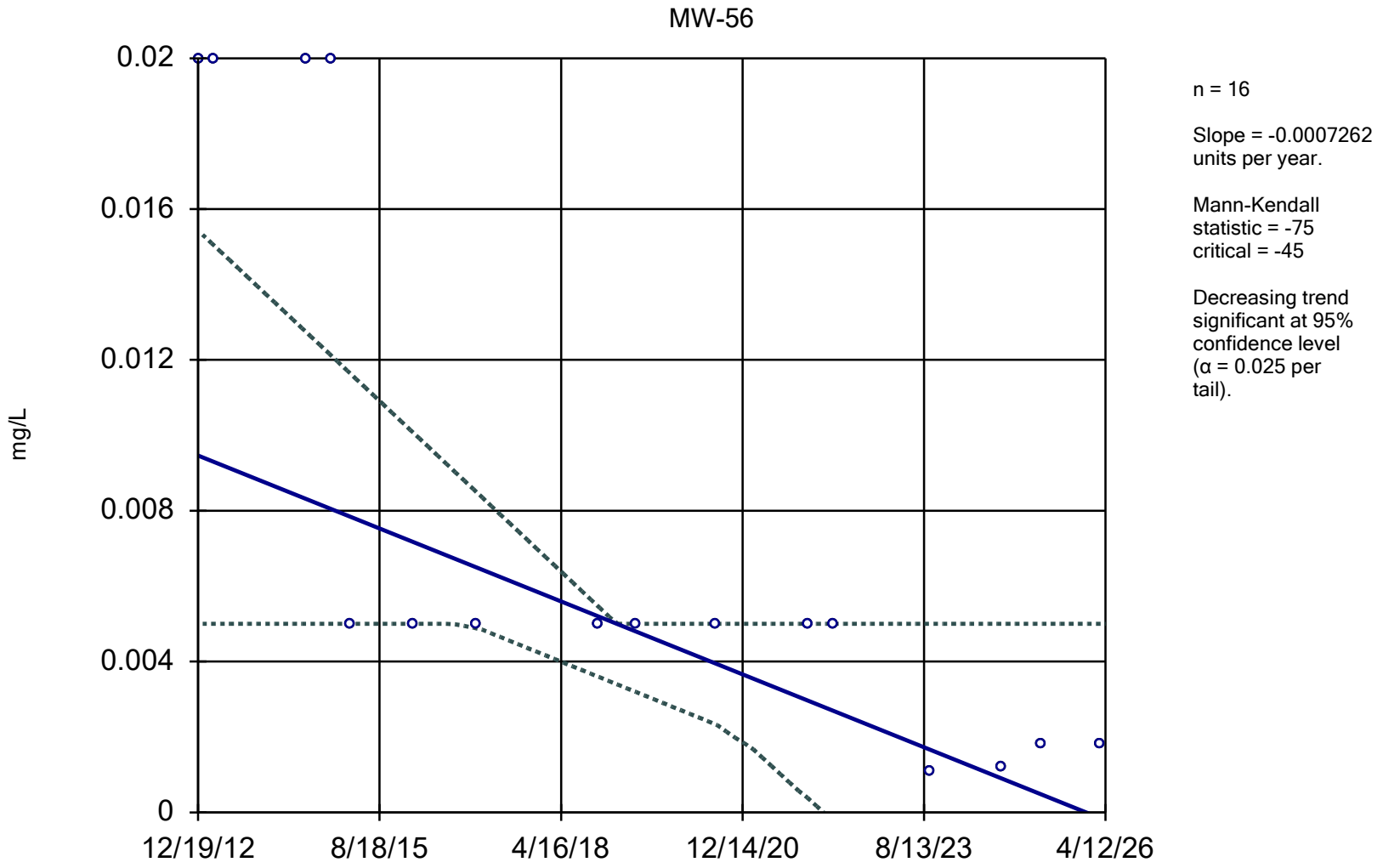
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Chromium Analysis Run 8/19/2026 1:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



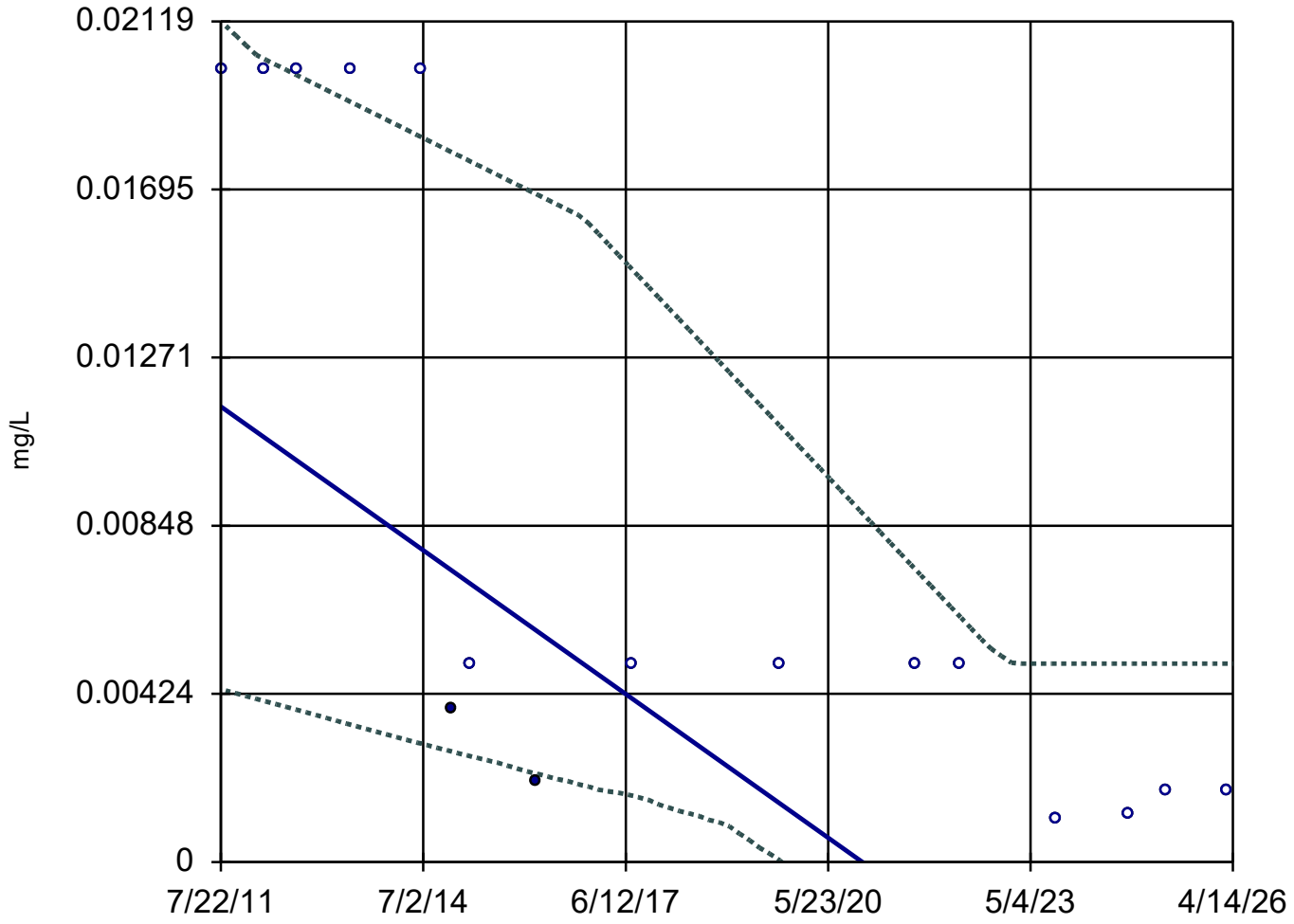
Constituent: Chromium Analysis Run 8/19/2026 1:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-58



n = 16

Slope = -0.001229 units per year.

Mann-Kendall statistic = -71
critical = -45

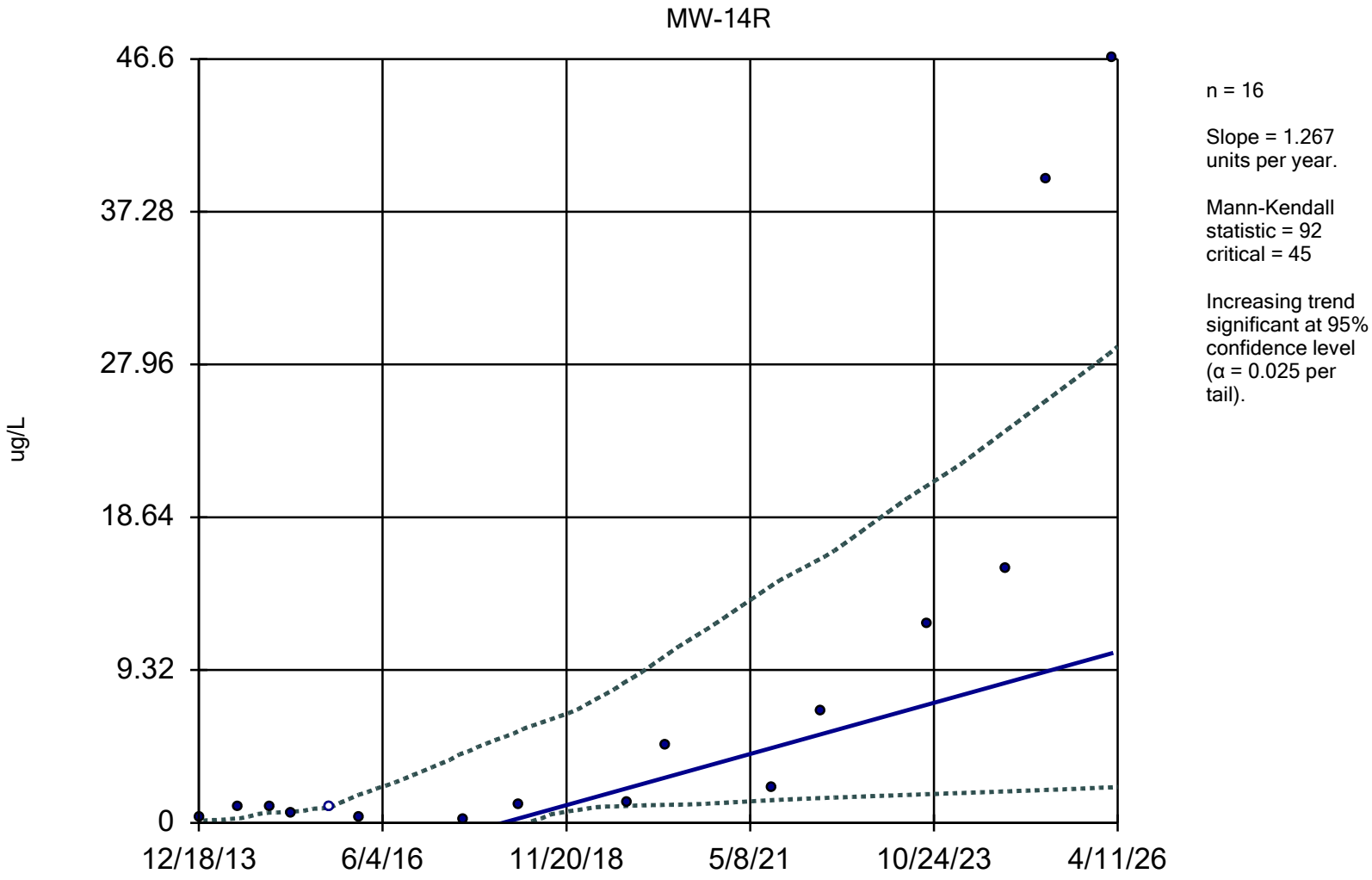
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Chromium Analysis Run 8/19/2026 1:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



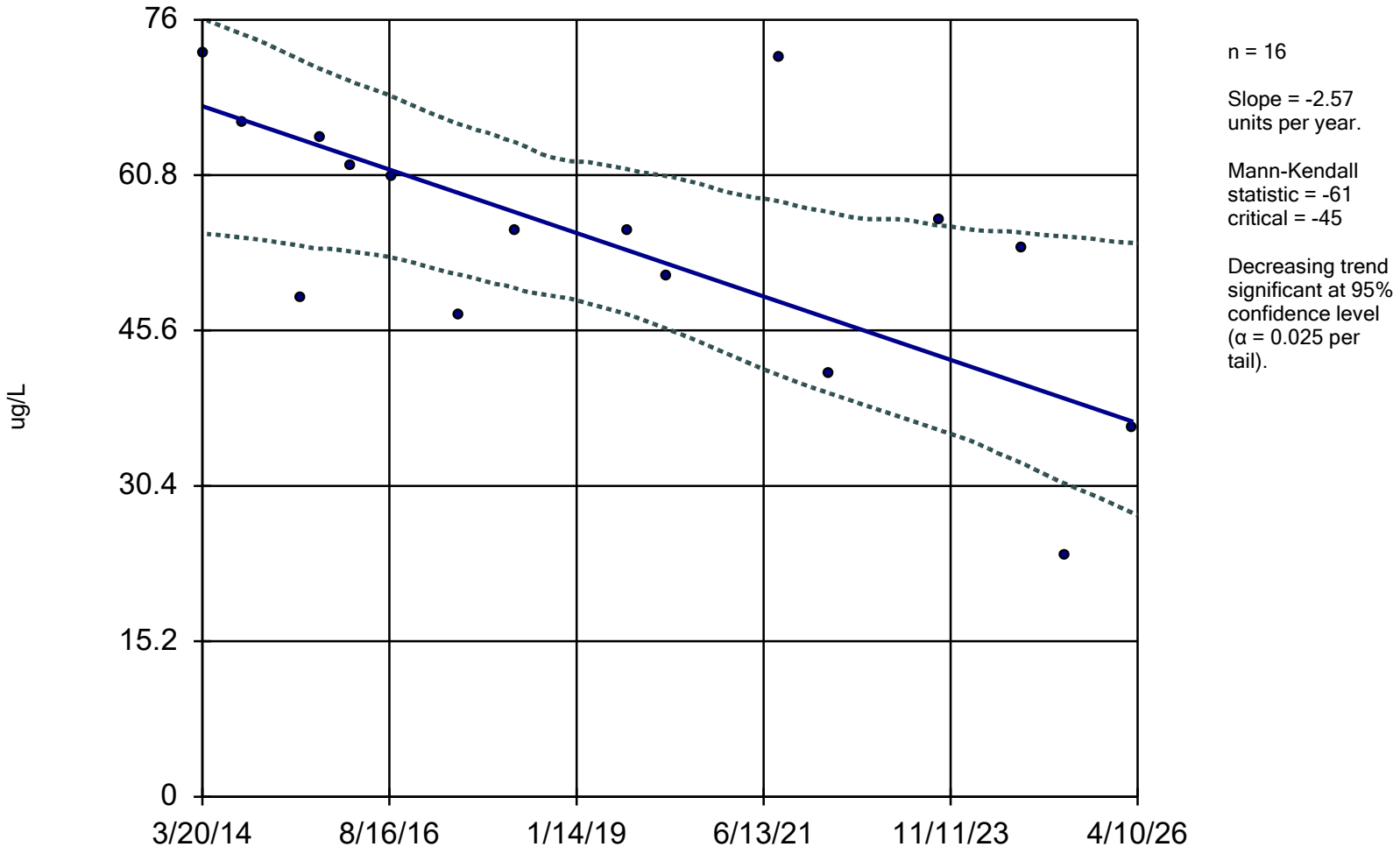
Constituent: cis-1,2-Dichloroethene Analysis Run 8/19/2026 1:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-30R



n = 16

Slope = -2.57 units per year.

Mann-Kendall statistic = -61
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

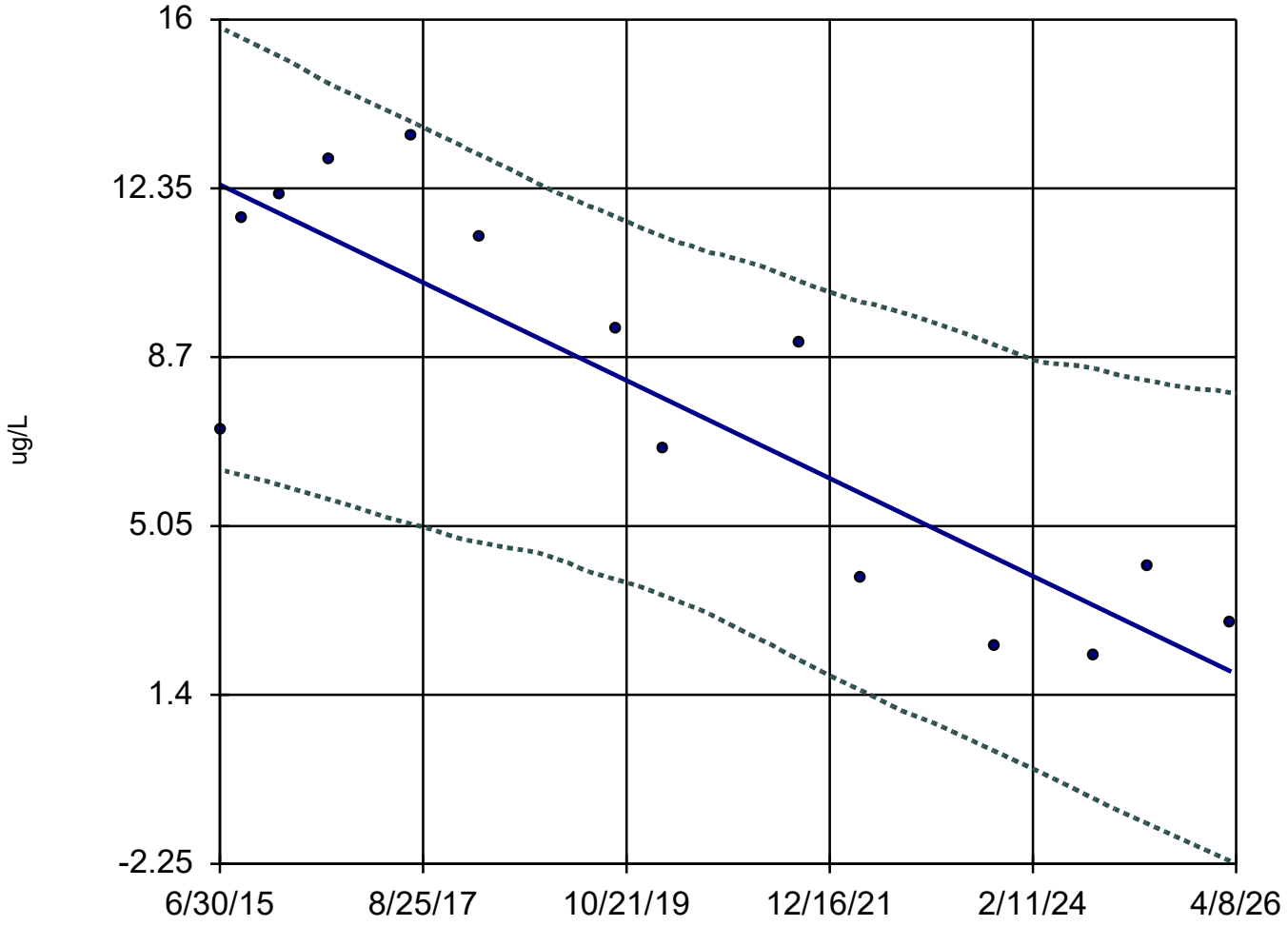
Constituent: cis-1,2-Dichloroethene Analysis Run 8/19/2026 1:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-69



n = 14

Slope = -0.9809 units per year.

Mann-Kendall statistic = -53
critical = -37

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

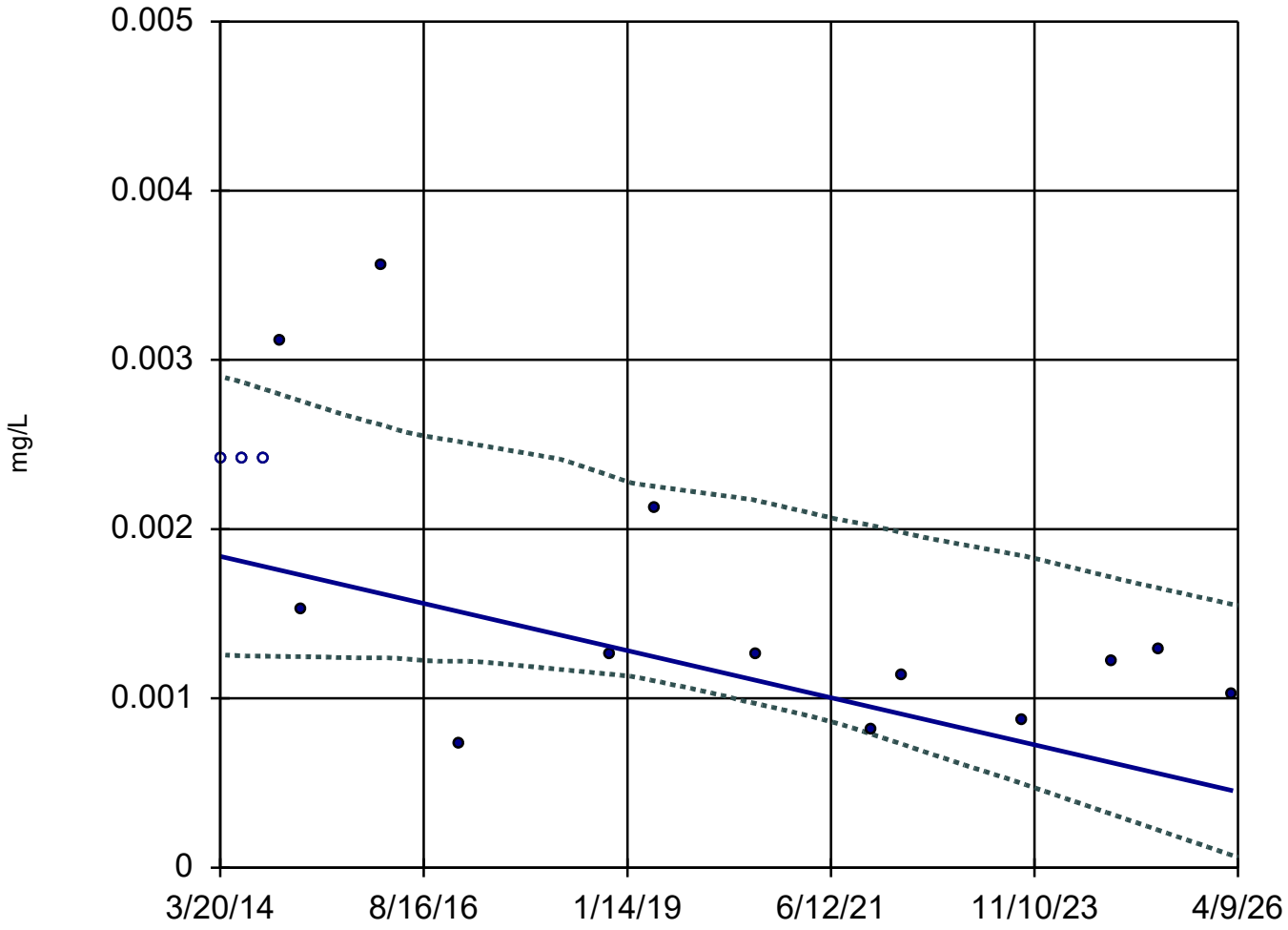
Constituent: cis-1,2-Dichloroethene Analysis Run 8/19/2026 1:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-18



n = 16

Slope = -0.0001152 units per year.

Mann-Kendall statistic = -52
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

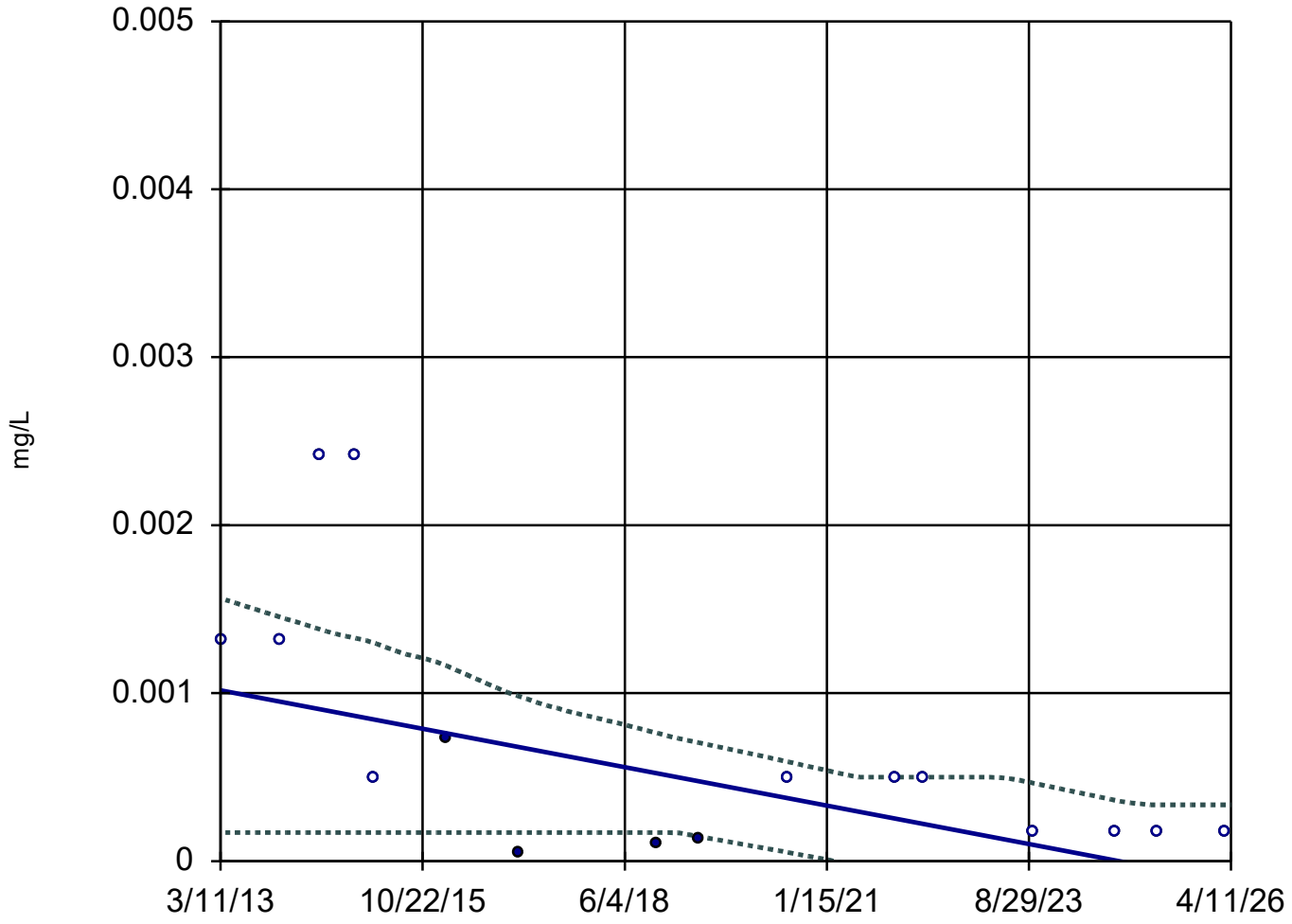
Constituent: Cobalt Analysis Run 8/19/2026 1:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-19



n = 16

Slope = -0.00008739 units per year.

Mann-Kendall statistic = -48
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

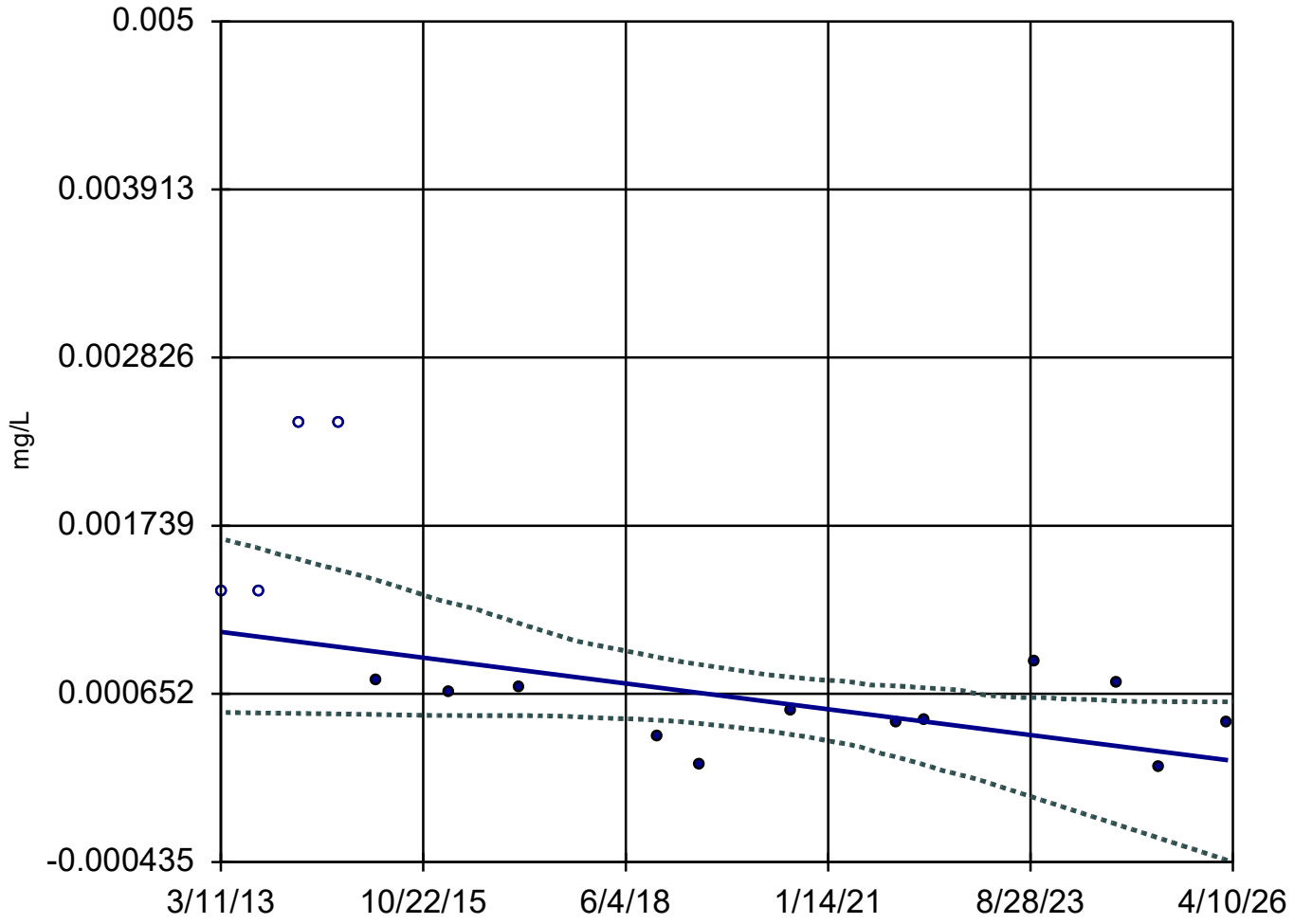
Constituent: Cobalt Analysis Run 8/19/2026 1:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-23 (bg)



n = 16

Slope = -0.00006376 units per year.

Mann-Kendall statistic = -56
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

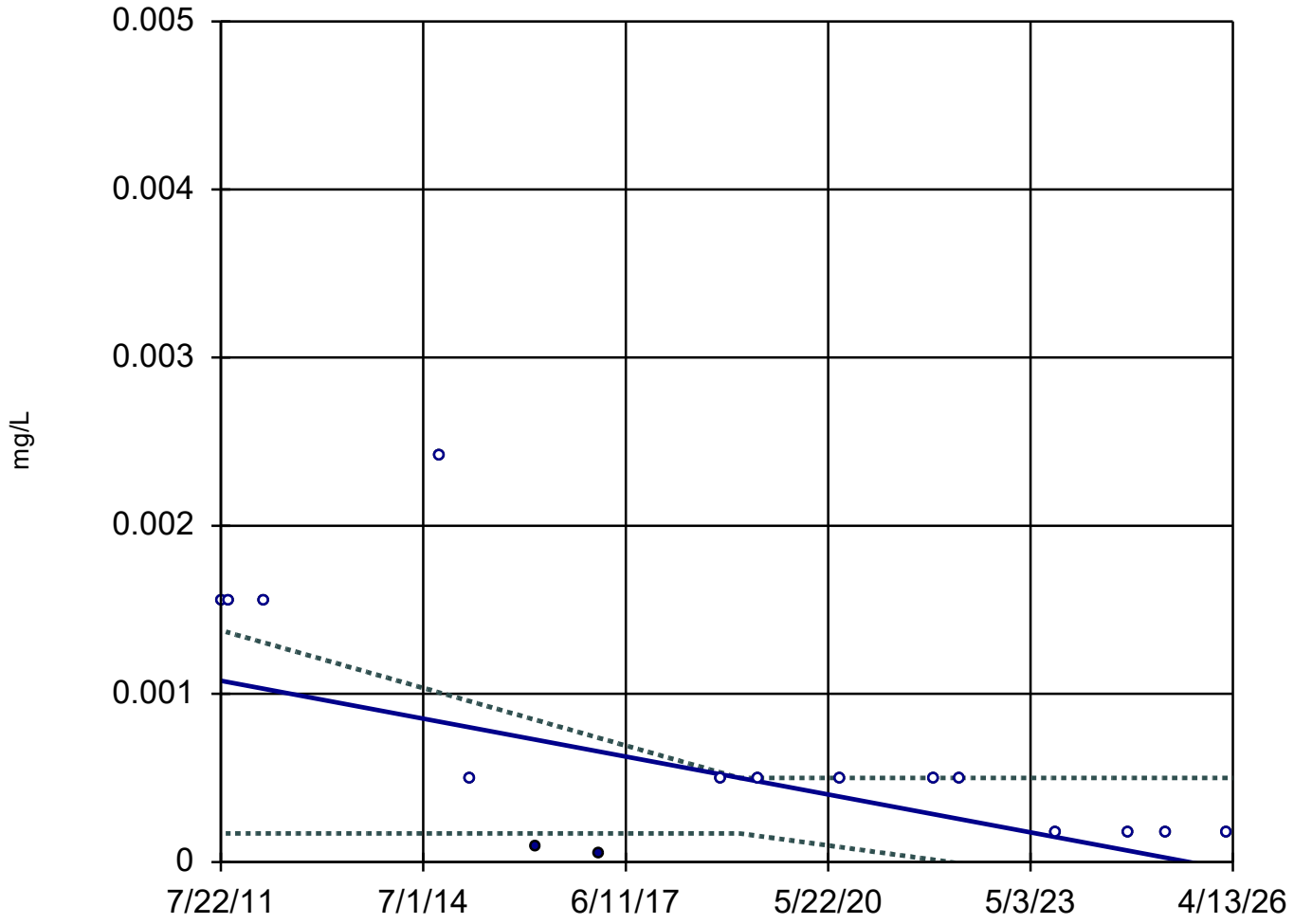
Constituent: Cobalt Analysis Run 8/19/2026 1:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-24R (bg)



n = 16

Slope = -0.00007648 units per year.

Mann-Kendall statistic = -54
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

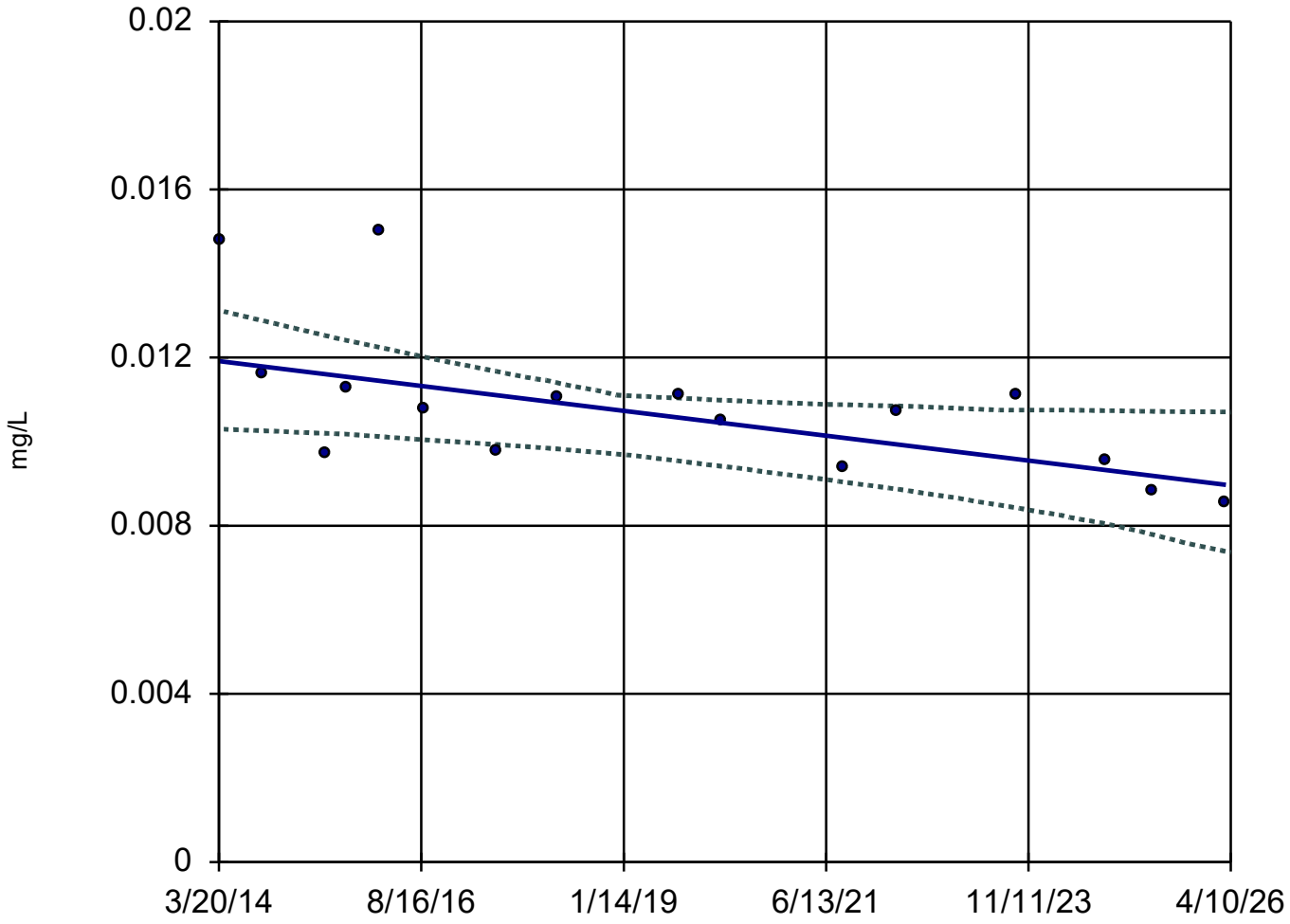
Constituent: Cobalt Analysis Run 8/19/2026 1:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-33R



n = 16

Slope = -0.0002455 units per year.

Mann-Kendall statistic = -63
critical = -45

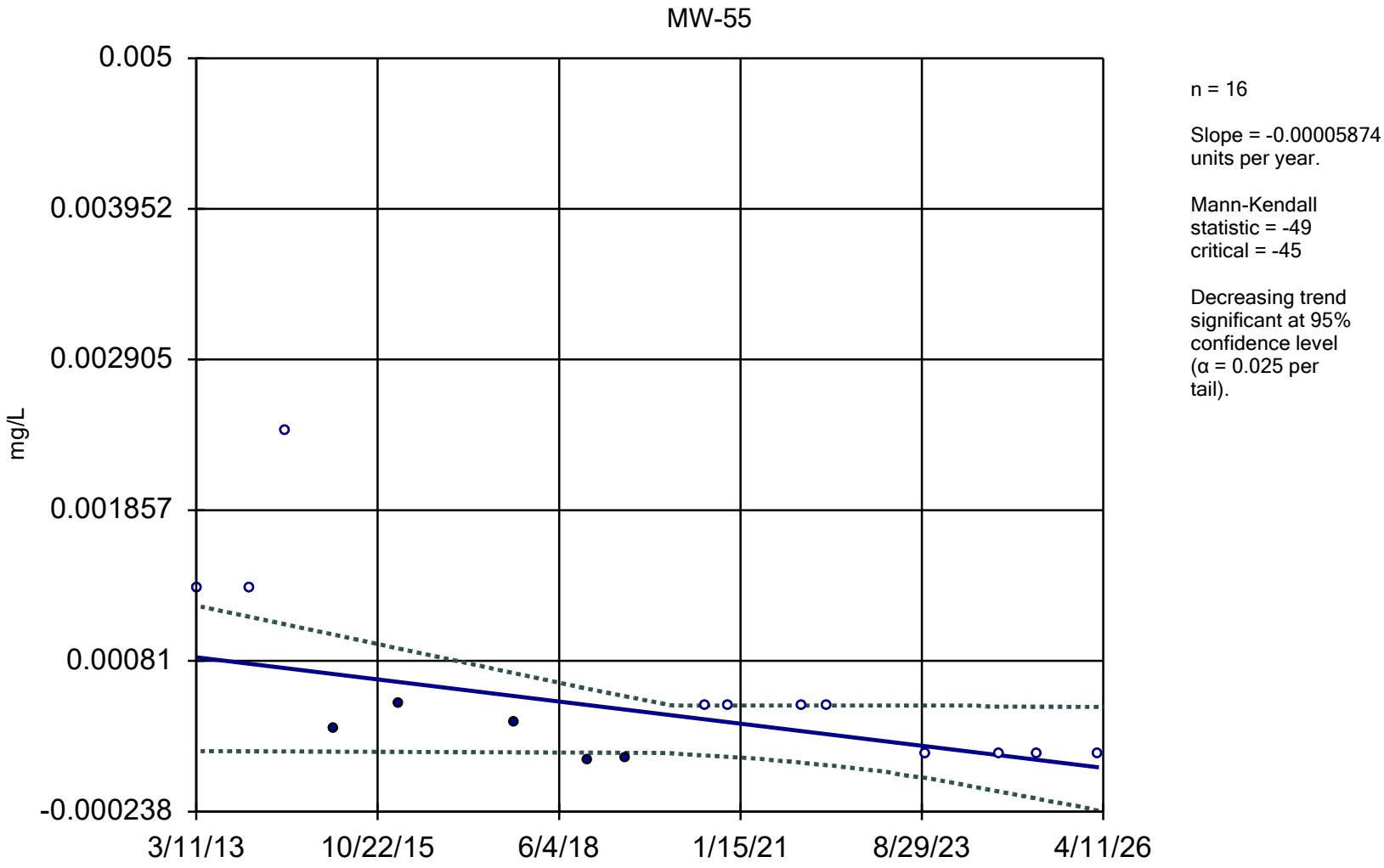
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 8/19/2026 1:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



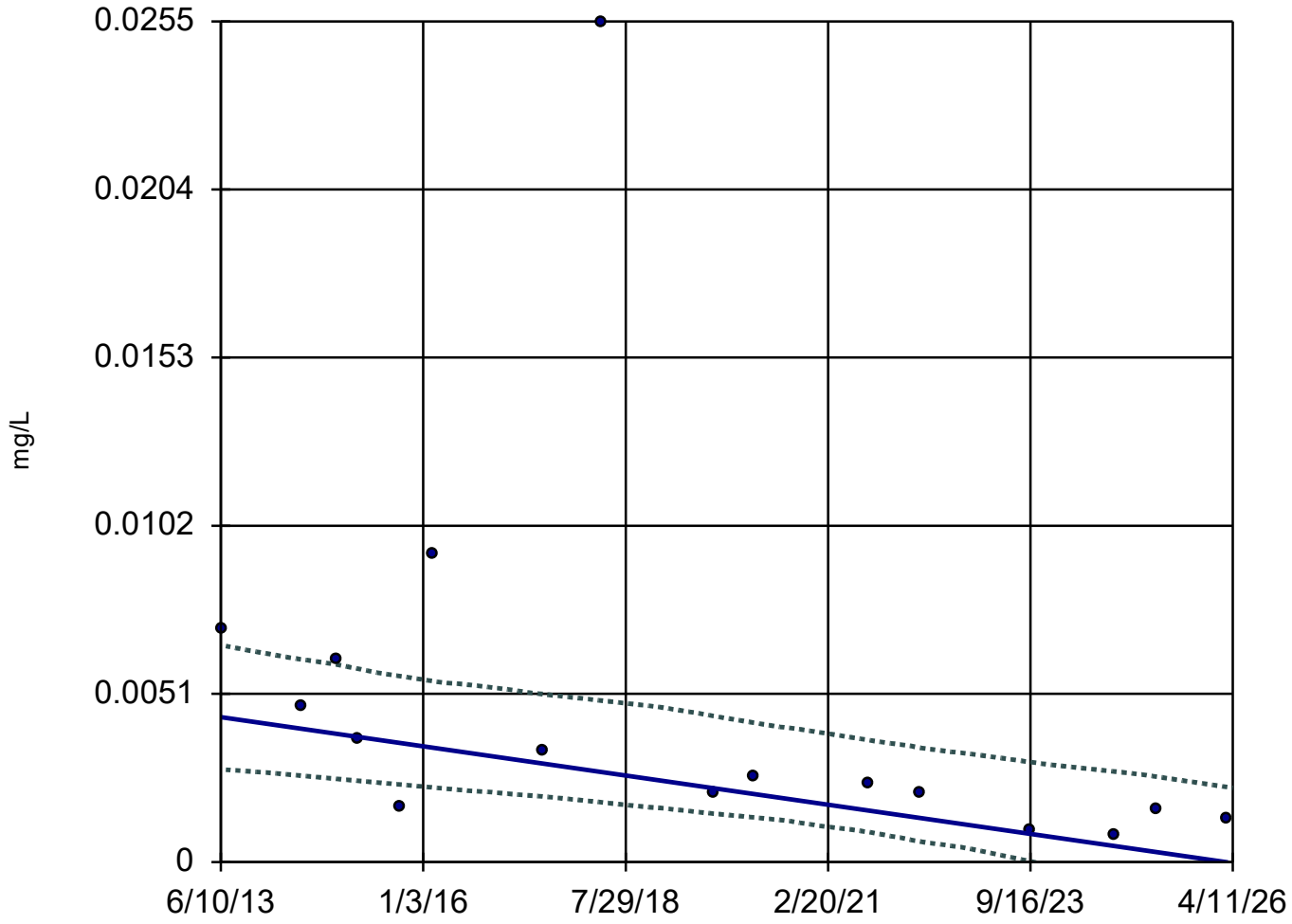
Constituent: Cobalt Analysis Run 8/19/2026 1:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-58



n = 16

Slope = -0.0003452 units per year.

Mann-Kendall statistic = -72
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

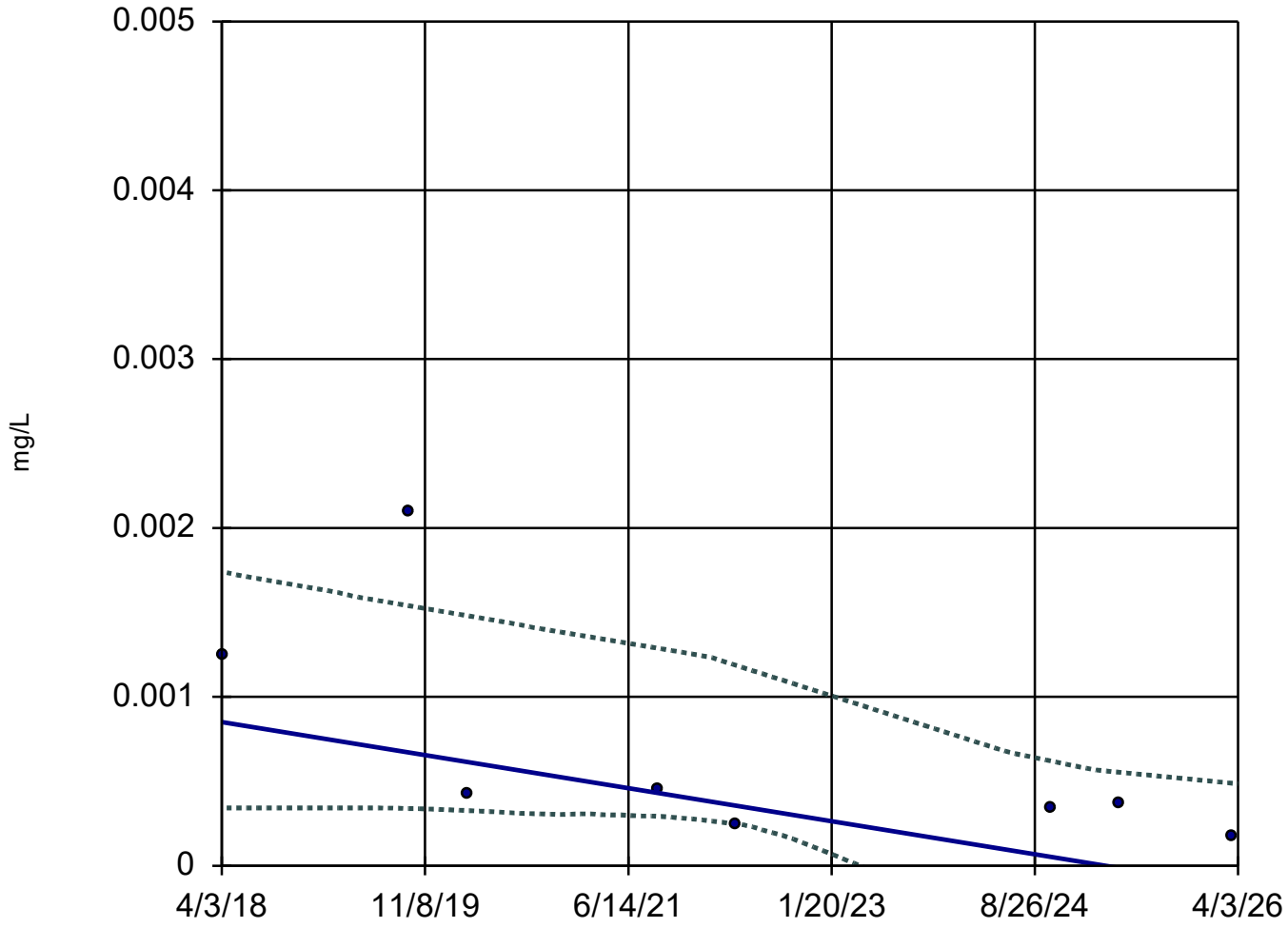
Constituent: Cobalt Analysis Run 8/19/2026 1:09 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

SW-103



n = 8

Slope = -0.0001223 units per year.

Mann-Kendall statistic = -18
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

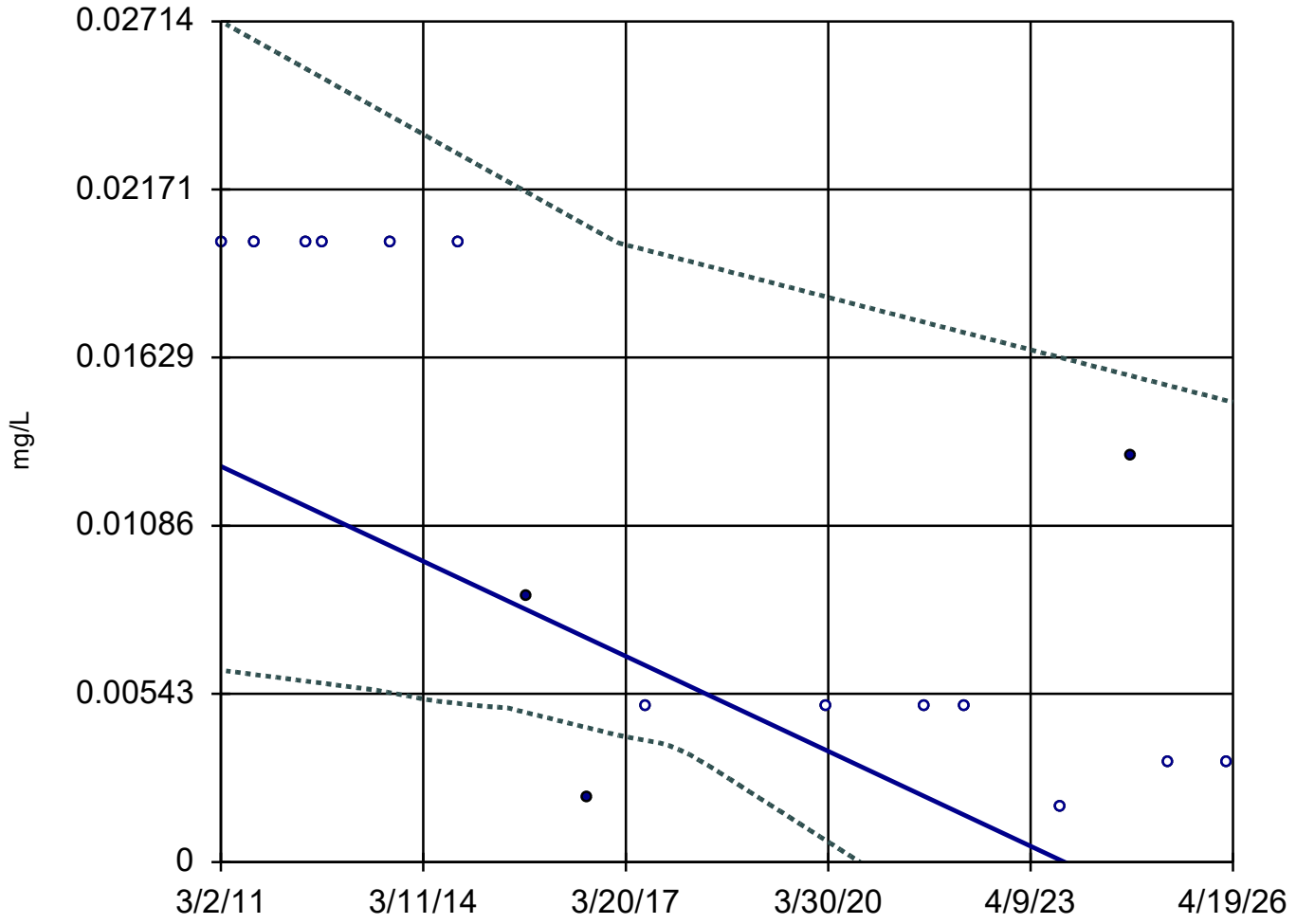
Constituent: Cobalt Analysis Run 8/19/2026 1:09 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

GU-3A



n = 16

Slope = -0.001013 units per year.

Mann-Kendall statistic = -68
critical = -45

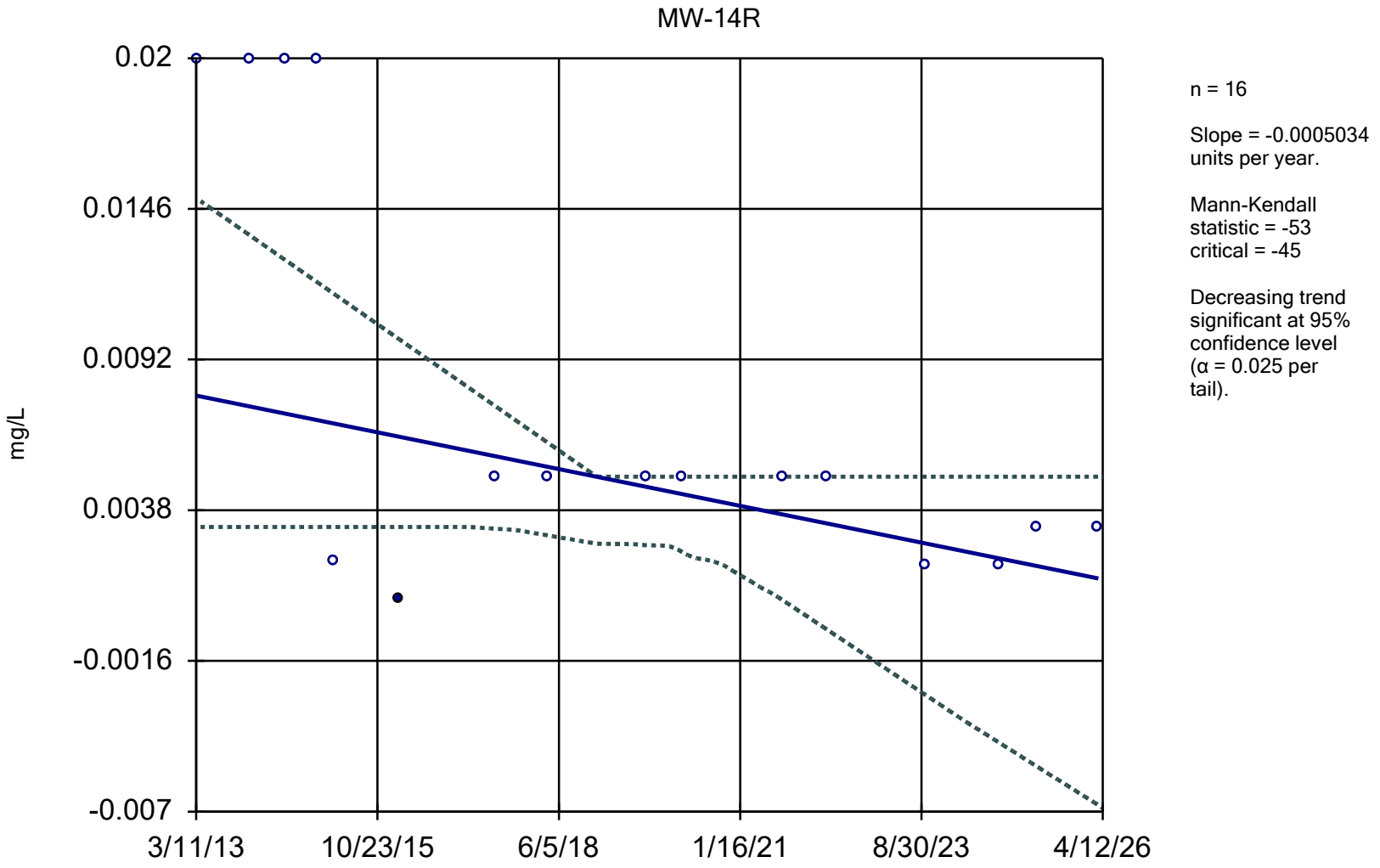
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Copper Analysis Run 8/19/2026 1:09 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 16

Slope = -0.0005034 units per year.

Mann-Kendall statistic = -53
critical = -45

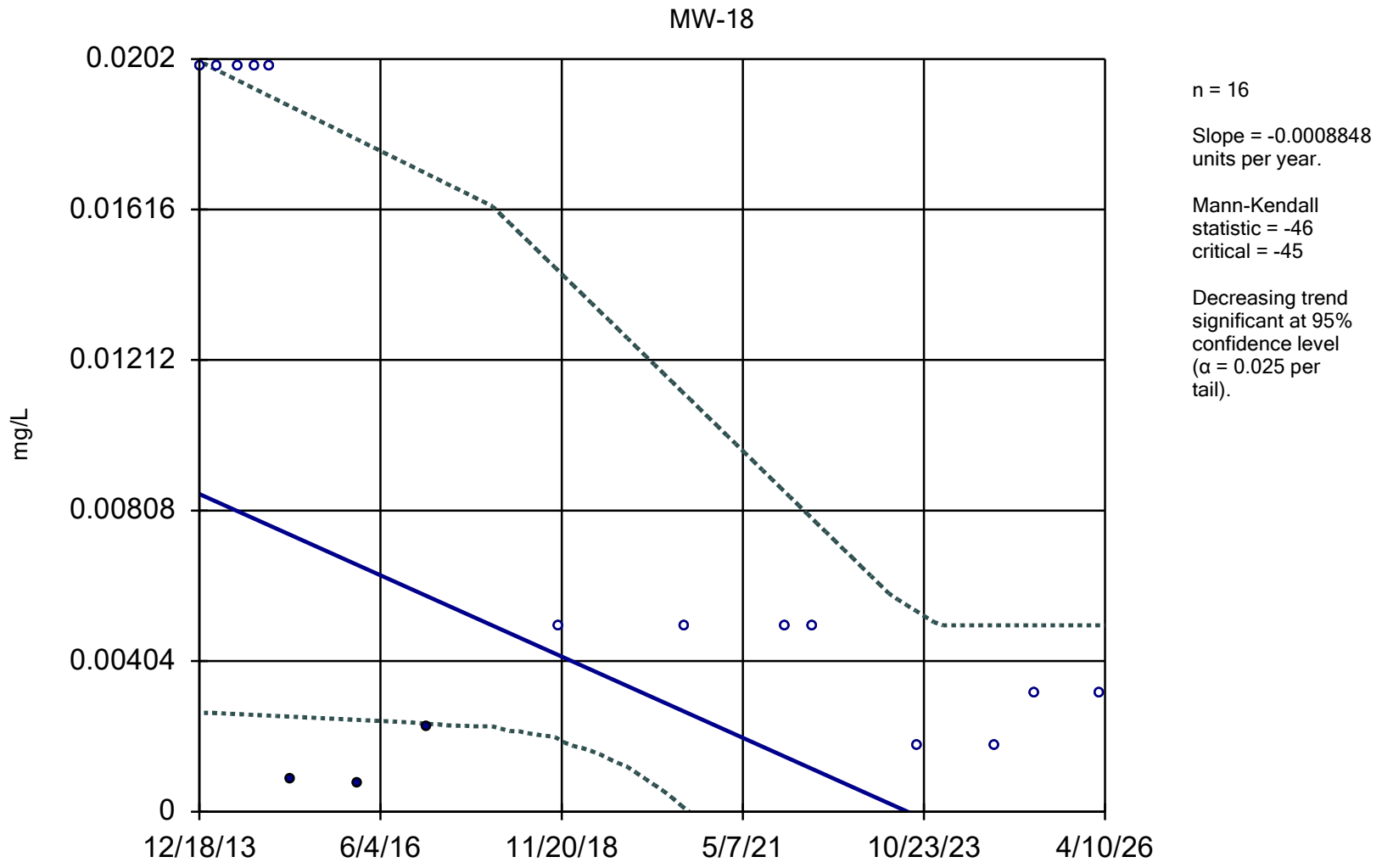
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Copper Analysis Run 8/19/2026 1:09 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



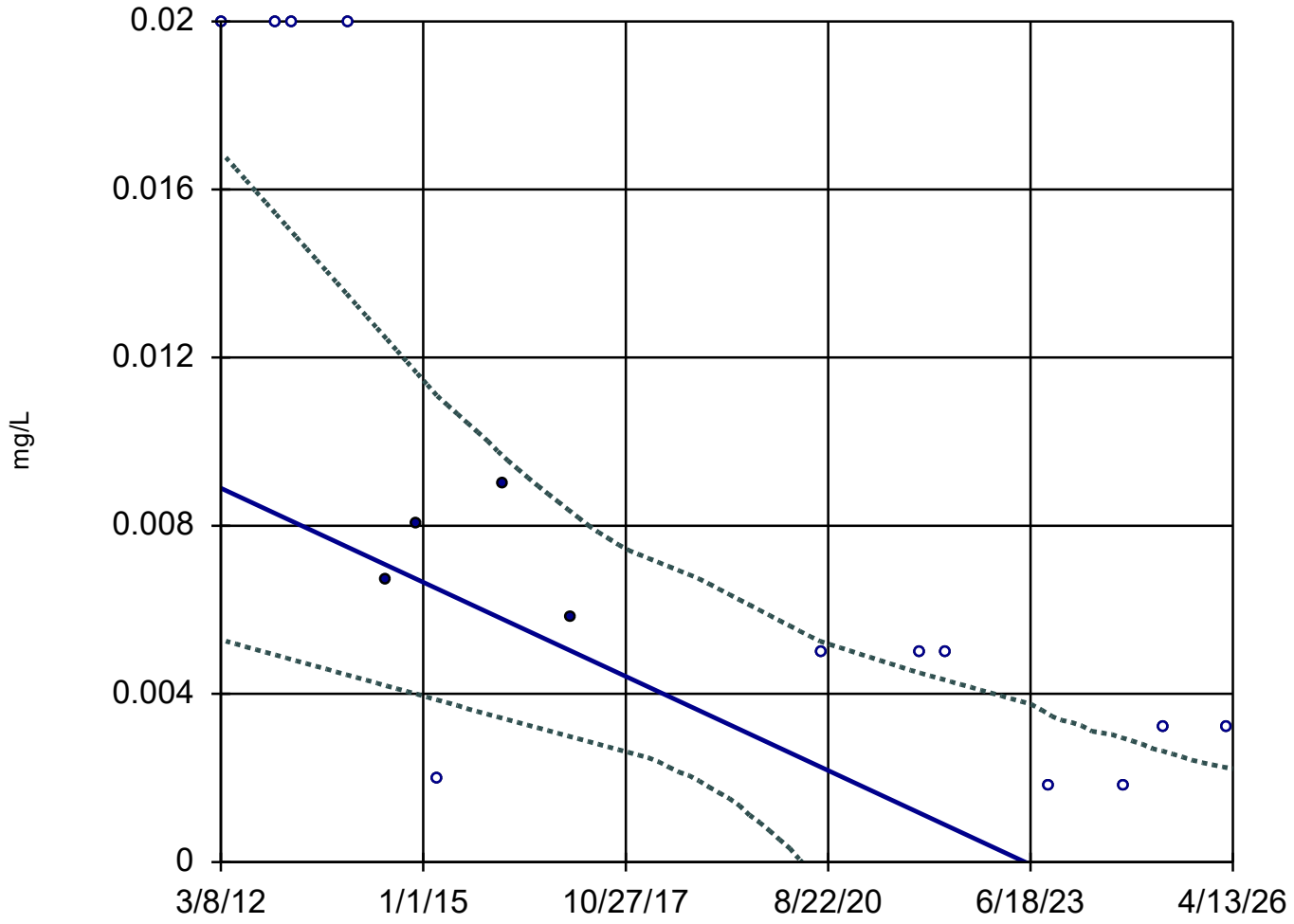
Constituent: Copper Analysis Run 8/19/2026 1:09 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-19



n = 16

Slope = -0.0007937 units per year.

Mann-Kendall statistic = -81
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

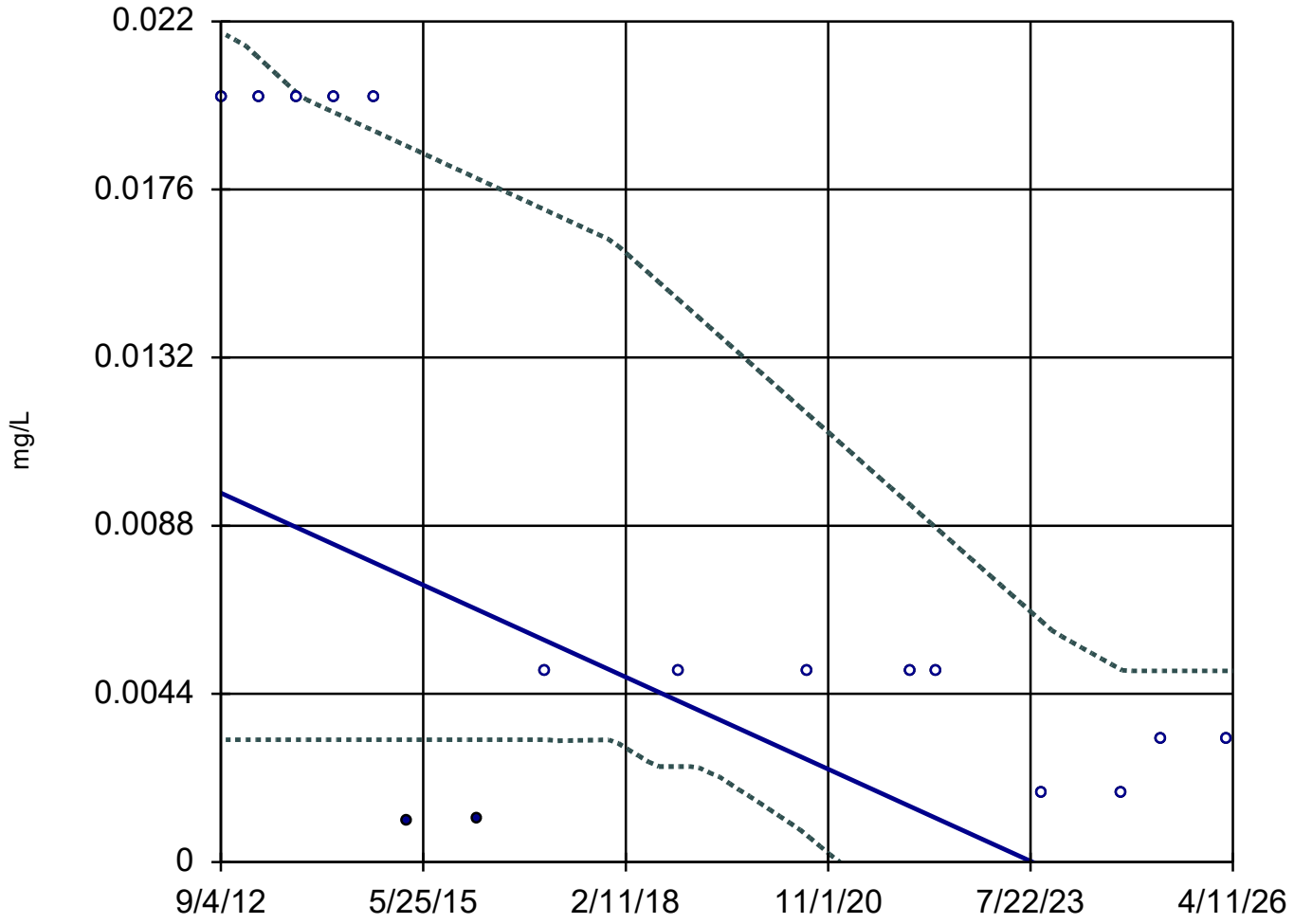
Constituent: Copper Analysis Run 8/19/2026 1:09 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-23 (bg)



n = 16

Slope = -0.0008848 units per year.

Mann-Kendall statistic = -52
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

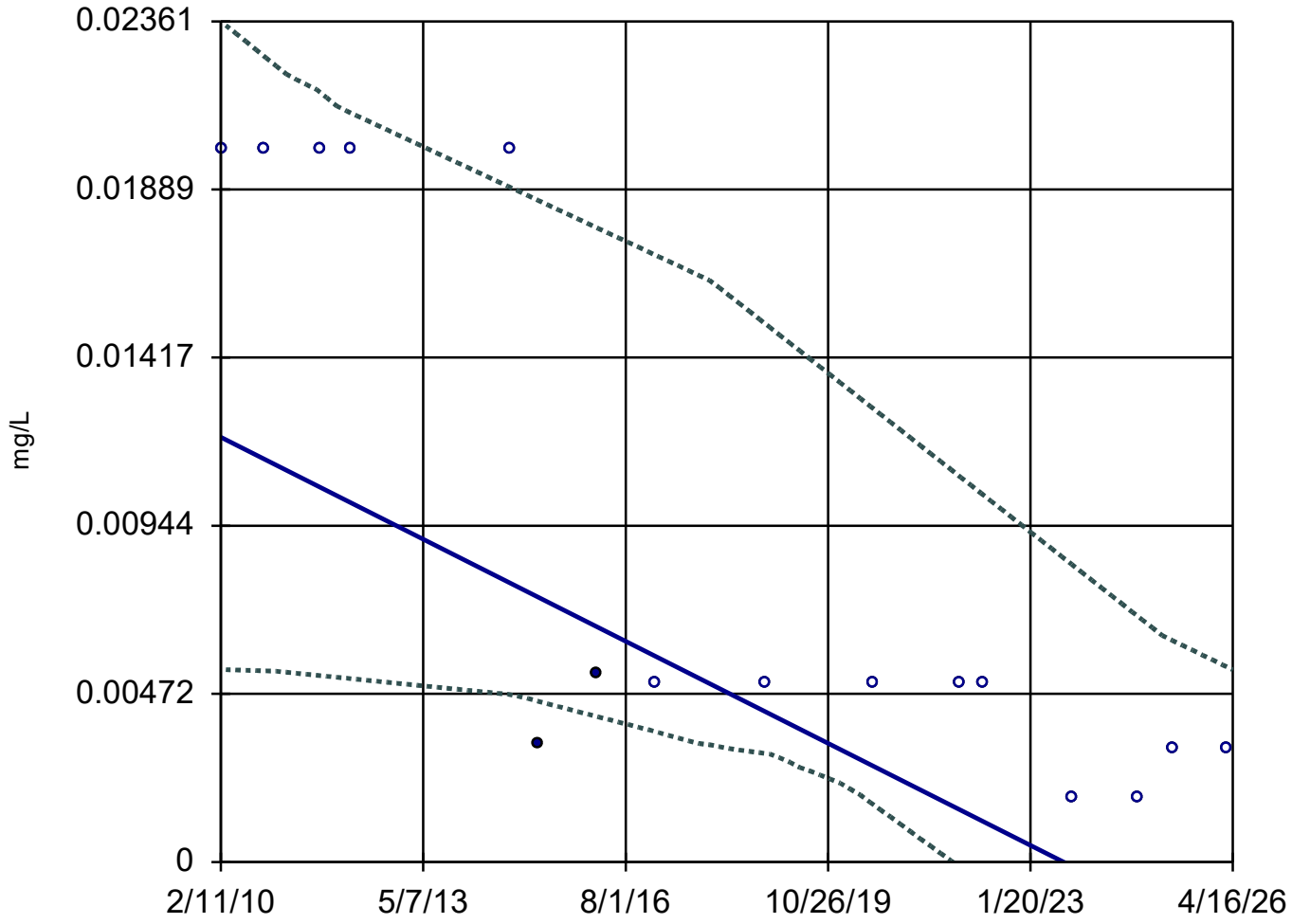
Constituent: Copper Analysis Run 8/19/2026 1:09 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-24R (bg)



n = 16

Slope = -0.0008848 units per year.

Mann-Kendall statistic = -78
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

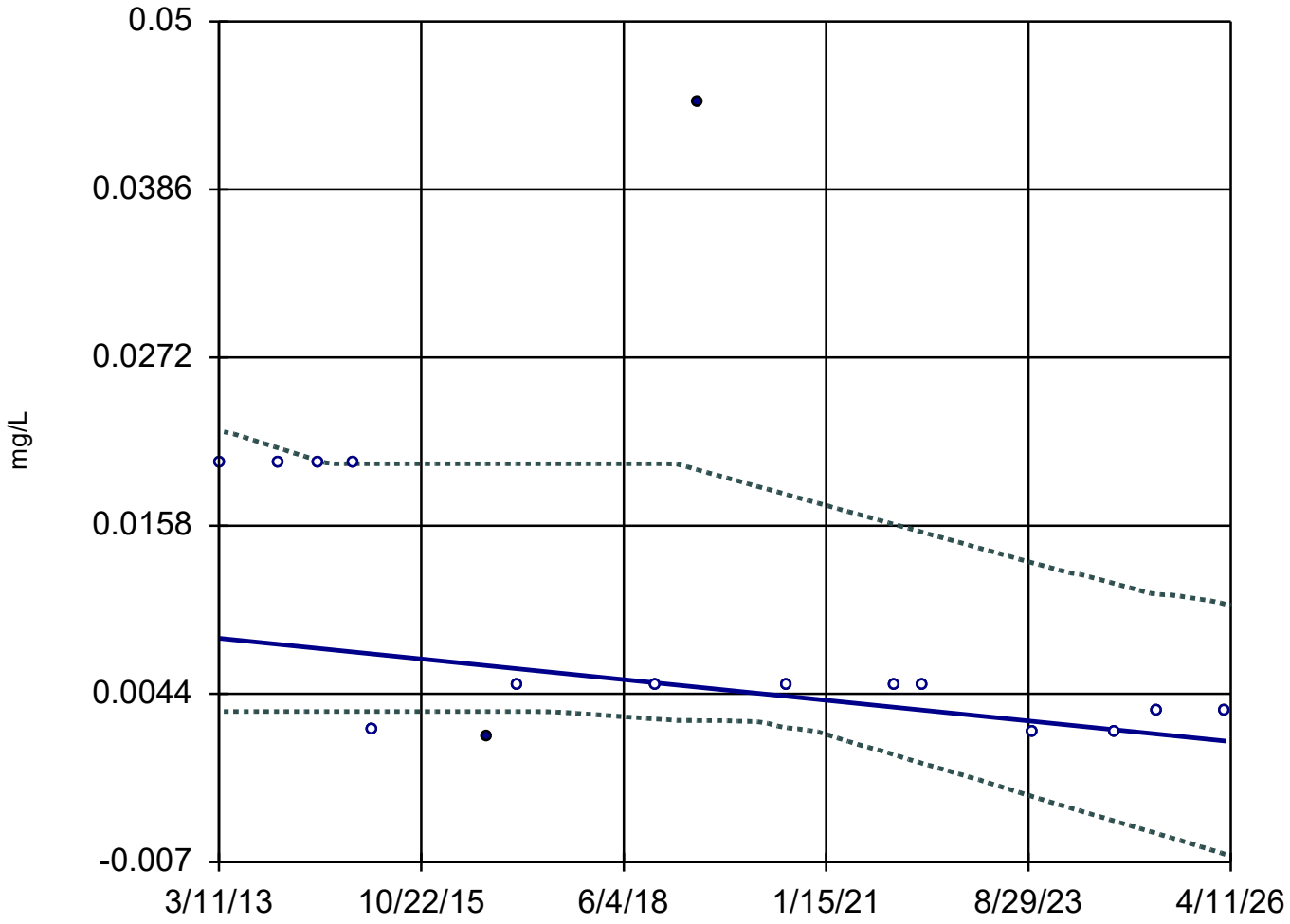
Constituent: Copper Analysis Run 8/19/2026 1:09 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-28



n = 16

Slope = -0.0005348 units per year.

Mann-Kendall statistic = -46
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

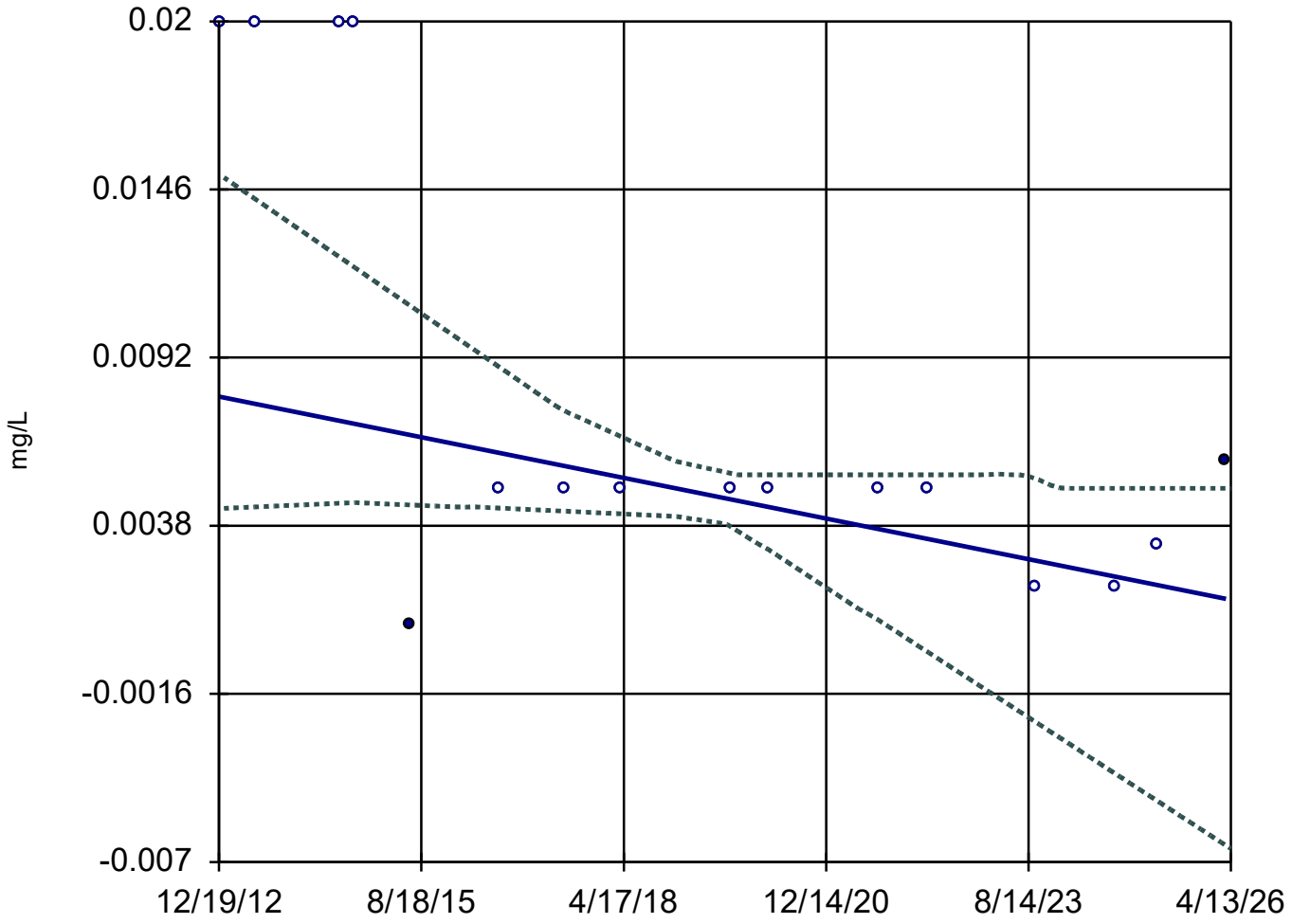
Constituent: Copper Analysis Run 8/19/2026 1:09 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-29



n = 16

Slope = -0.00049 units per year.

Mann-Kendall statistic = -46
critical = -45

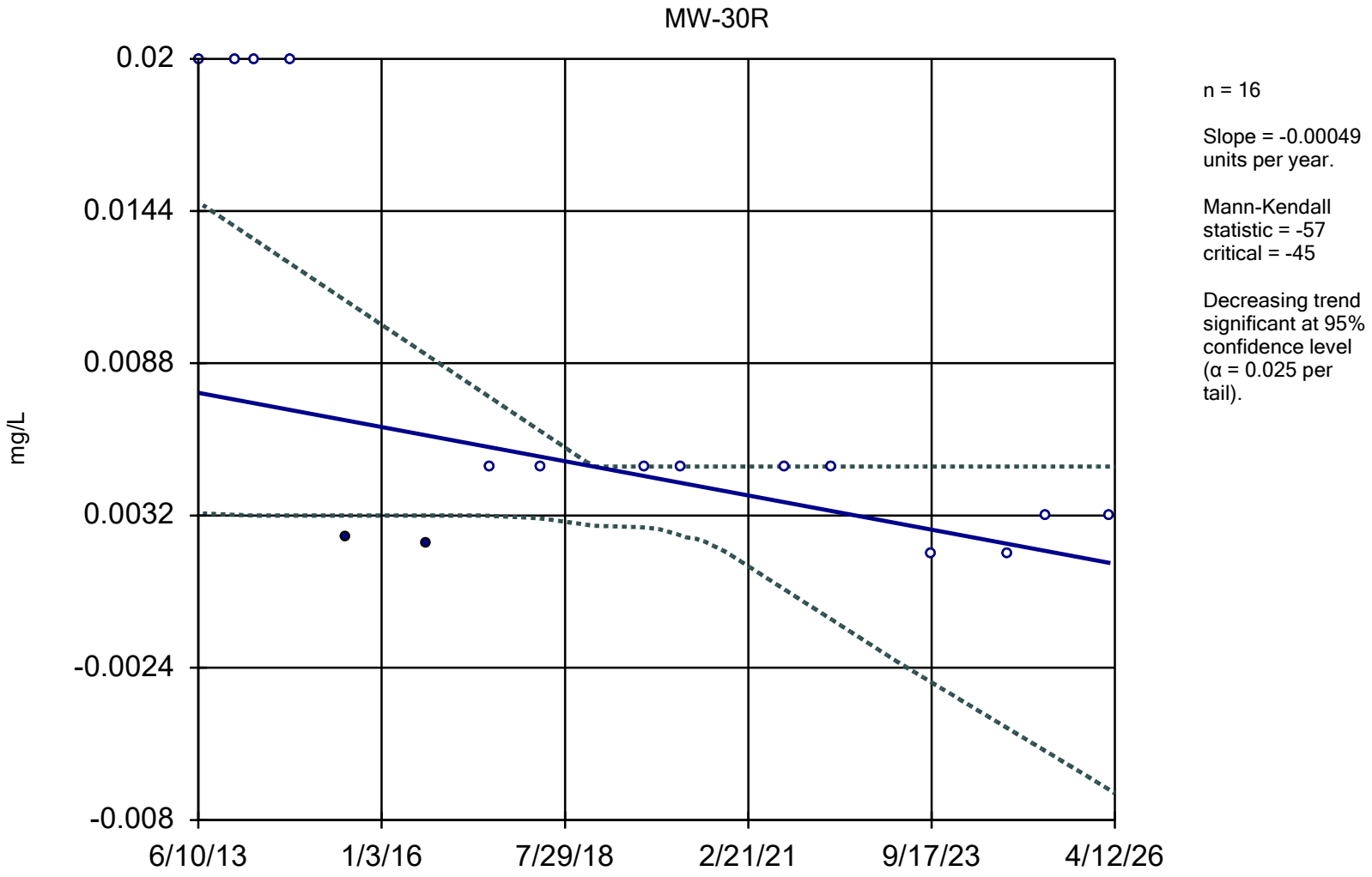
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Copper Analysis Run 8/19/2026 1:09 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 16

Slope = -0.00049 units per year.

Mann-Kendall statistic = -57
critical = -45

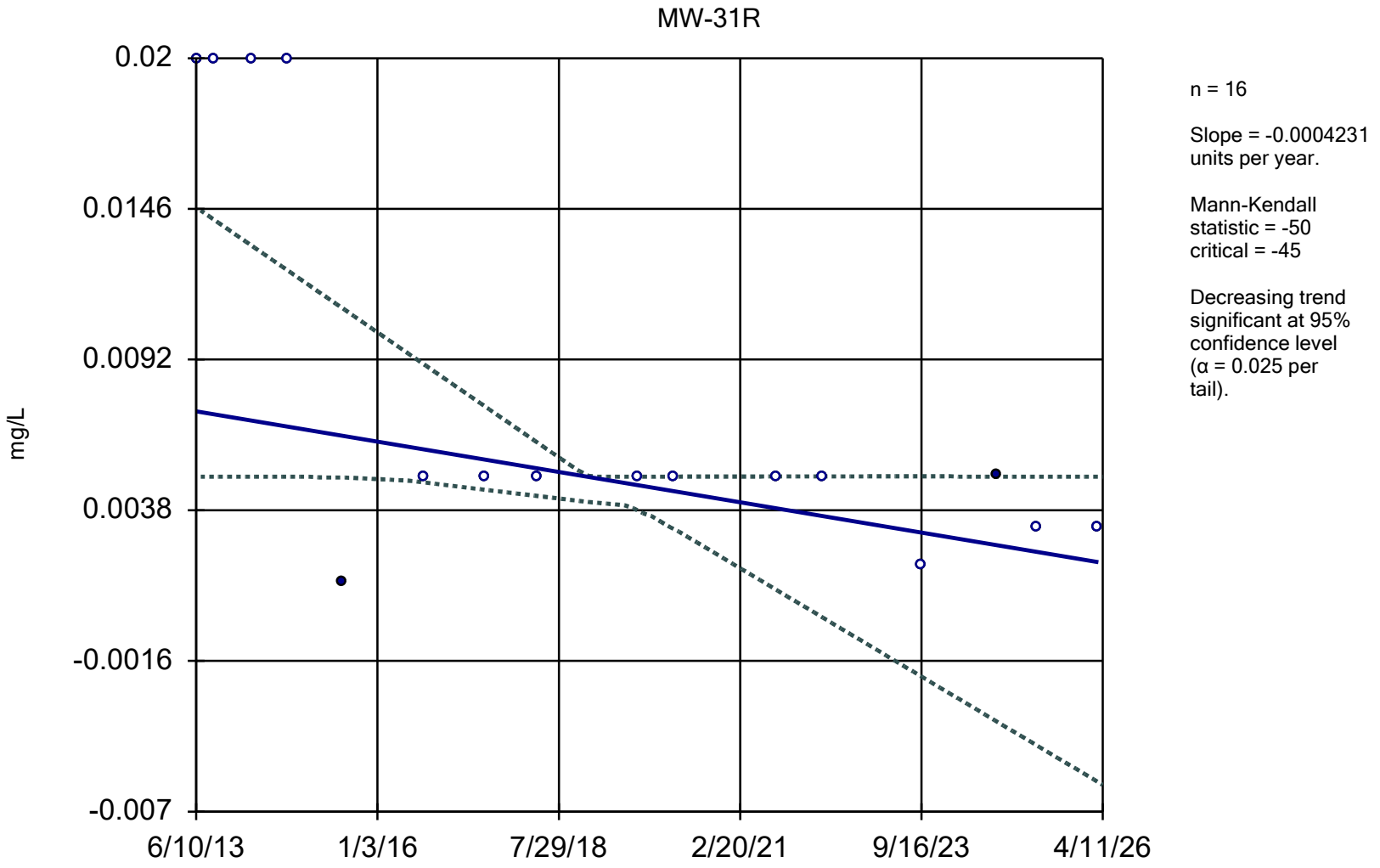
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Copper Analysis Run 8/19/2026 1:09 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 16

Slope = -0.0004231 units per year.

Mann-Kendall statistic = -50
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

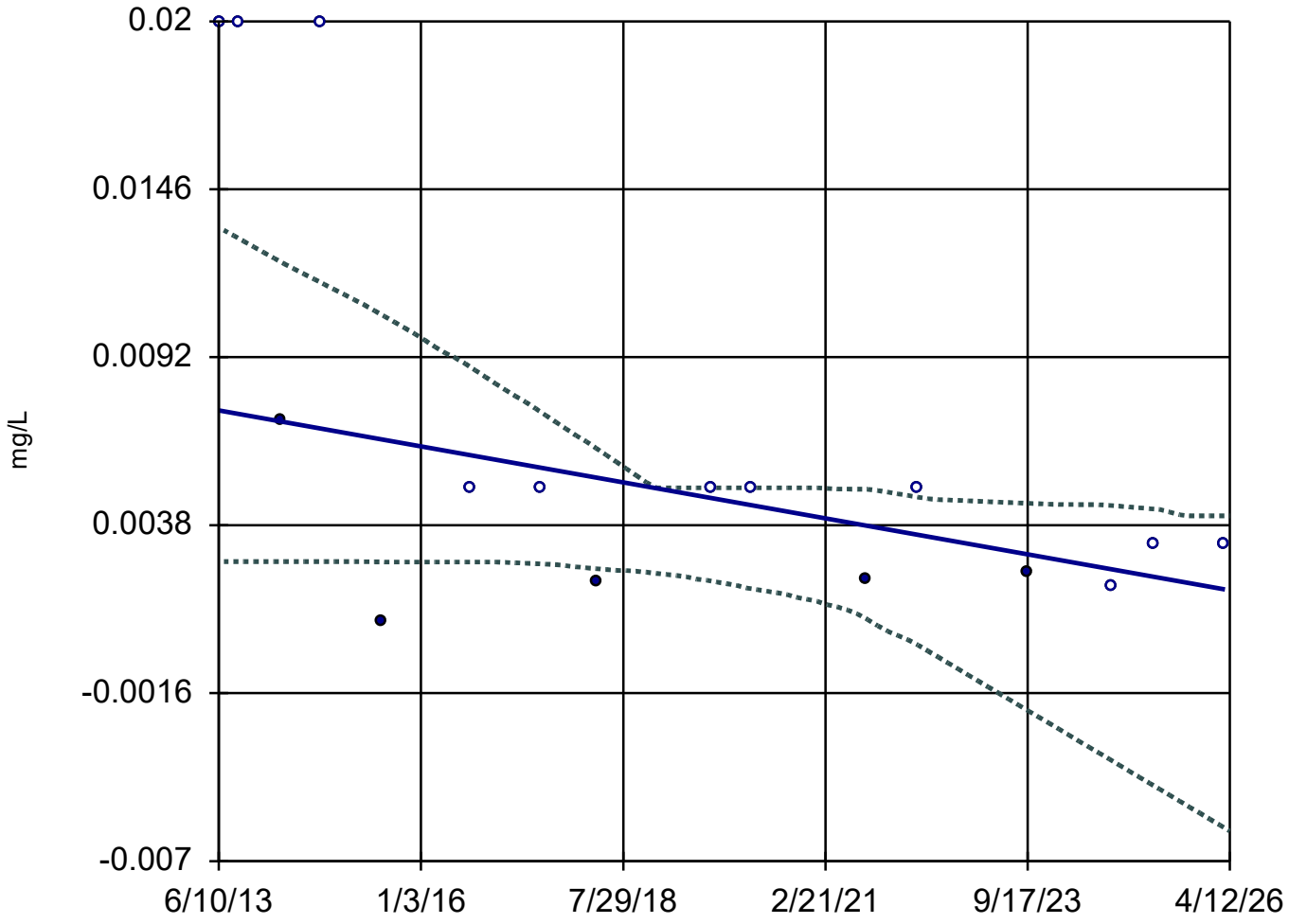
Constituent: Copper Analysis Run 8/19/2026 1:09 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-32R



n = 16

Slope = -0.0004503 units per year.

Mann-Kendall statistic = -52
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

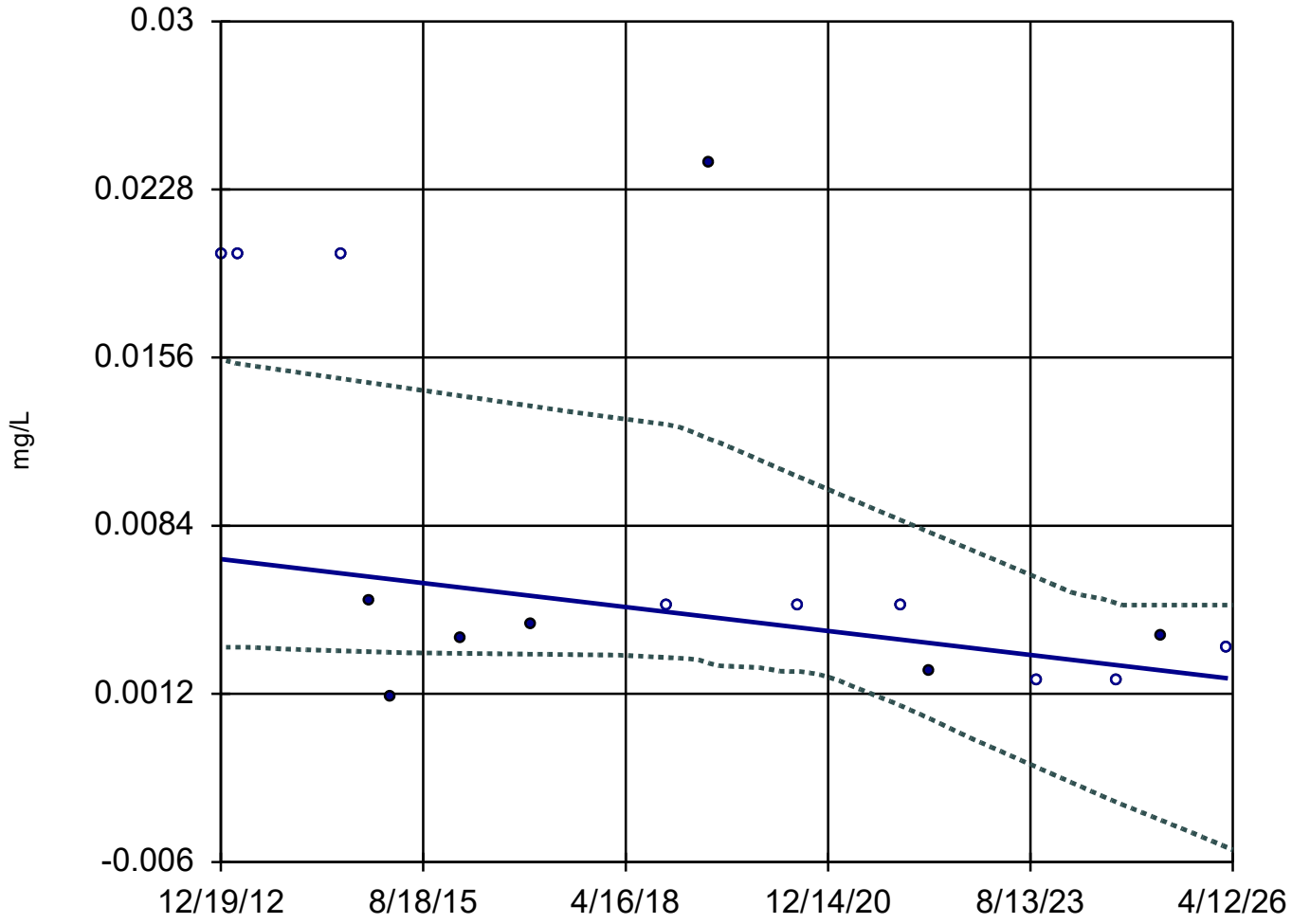
Constituent: Copper Analysis Run 8/19/2026 1:09 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-56



n = 16

Slope = -0.0003844 units per year.

Mann-Kendall statistic = -49
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

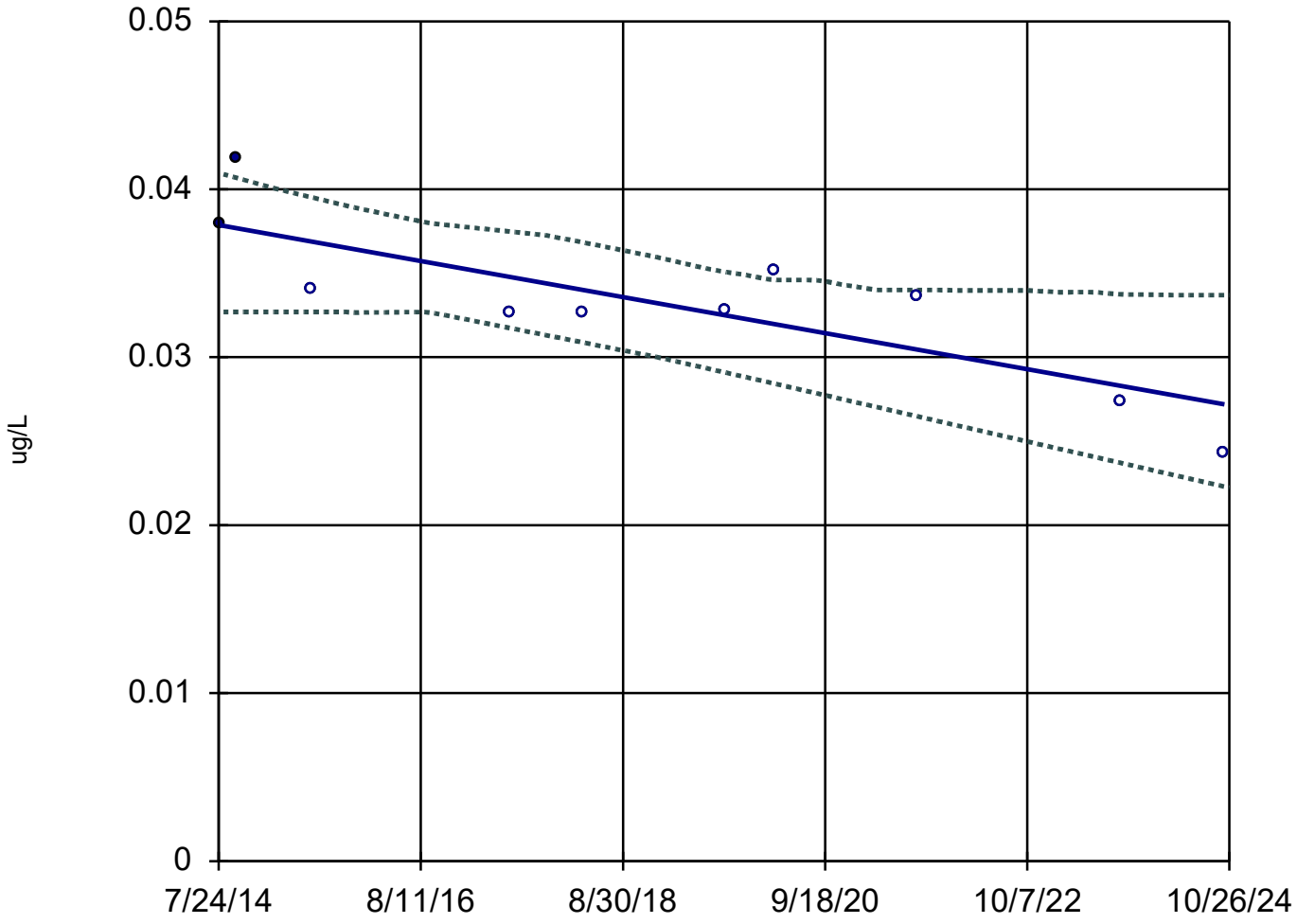
Constituent: Copper Analysis Run 8/19/2026 1:09 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-29



n = 10

Slope = -0.001045 units per year.

Mann-Kendall statistic = -24
critical = -23

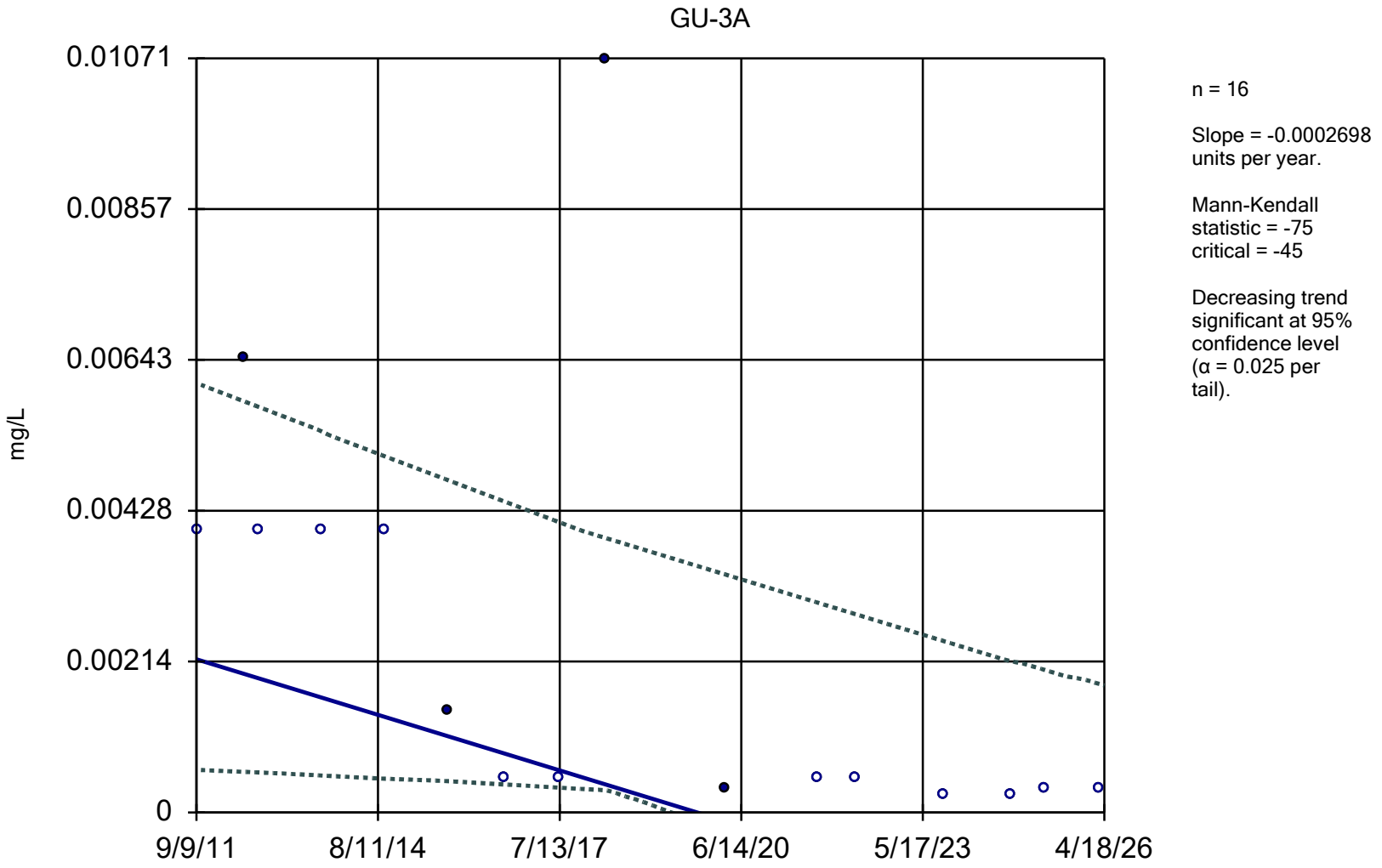
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Endosulfan II Analysis Run 8/19/2026 1:10 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

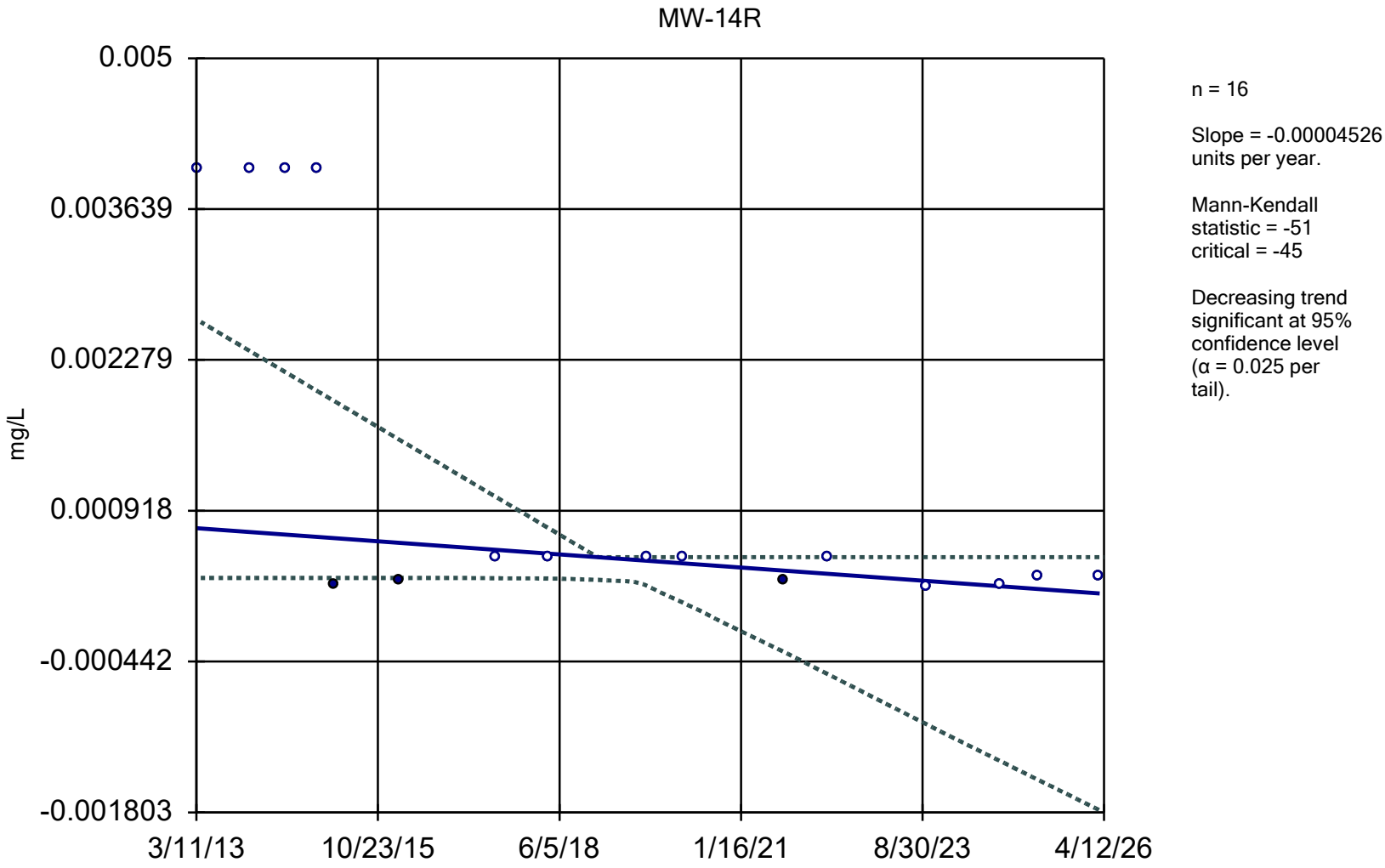


Constituent: Lead Analysis Run 8/19/2026 1:11 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 16

Slope = -0.00004526 units per year.

Mann-Kendall statistic = -51
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

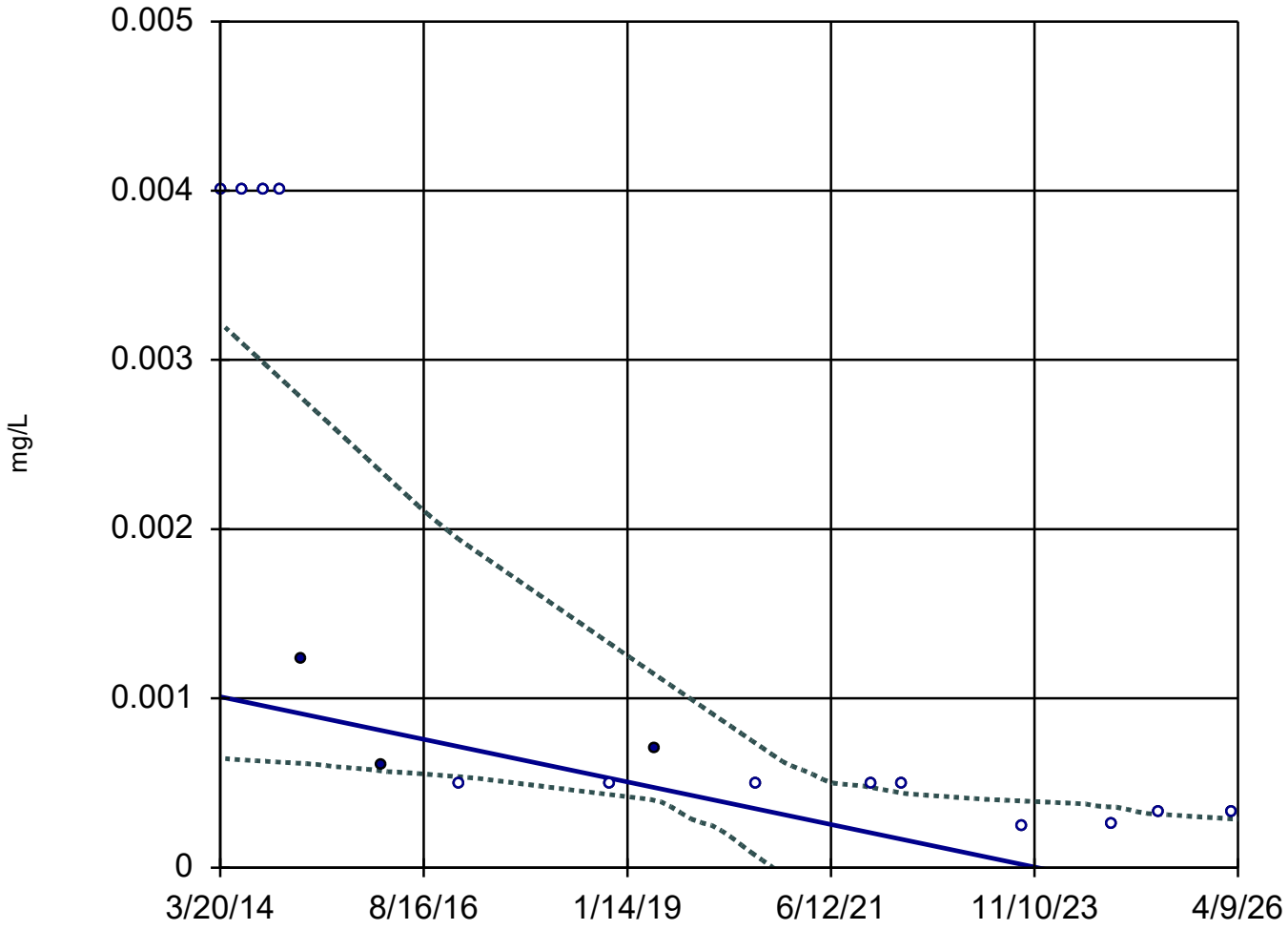
Constituent: Lead Analysis Run 8/19/2026 1:11 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-18



n = 16

Slope = -0.0001044 units per year.

Mann-Kendall statistic = -87
critical = -45

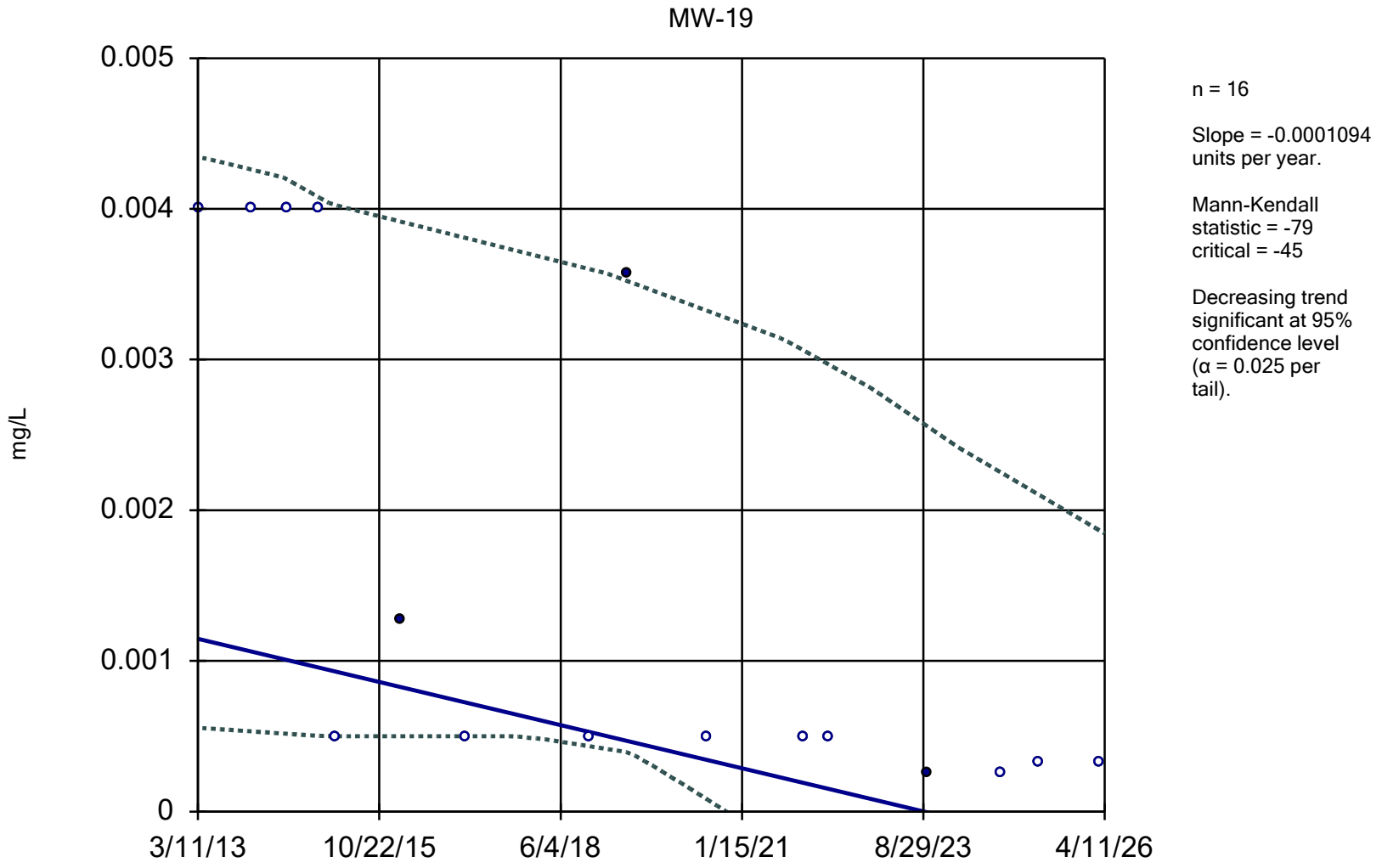
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lead Analysis Run 8/19/2026 1:11 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



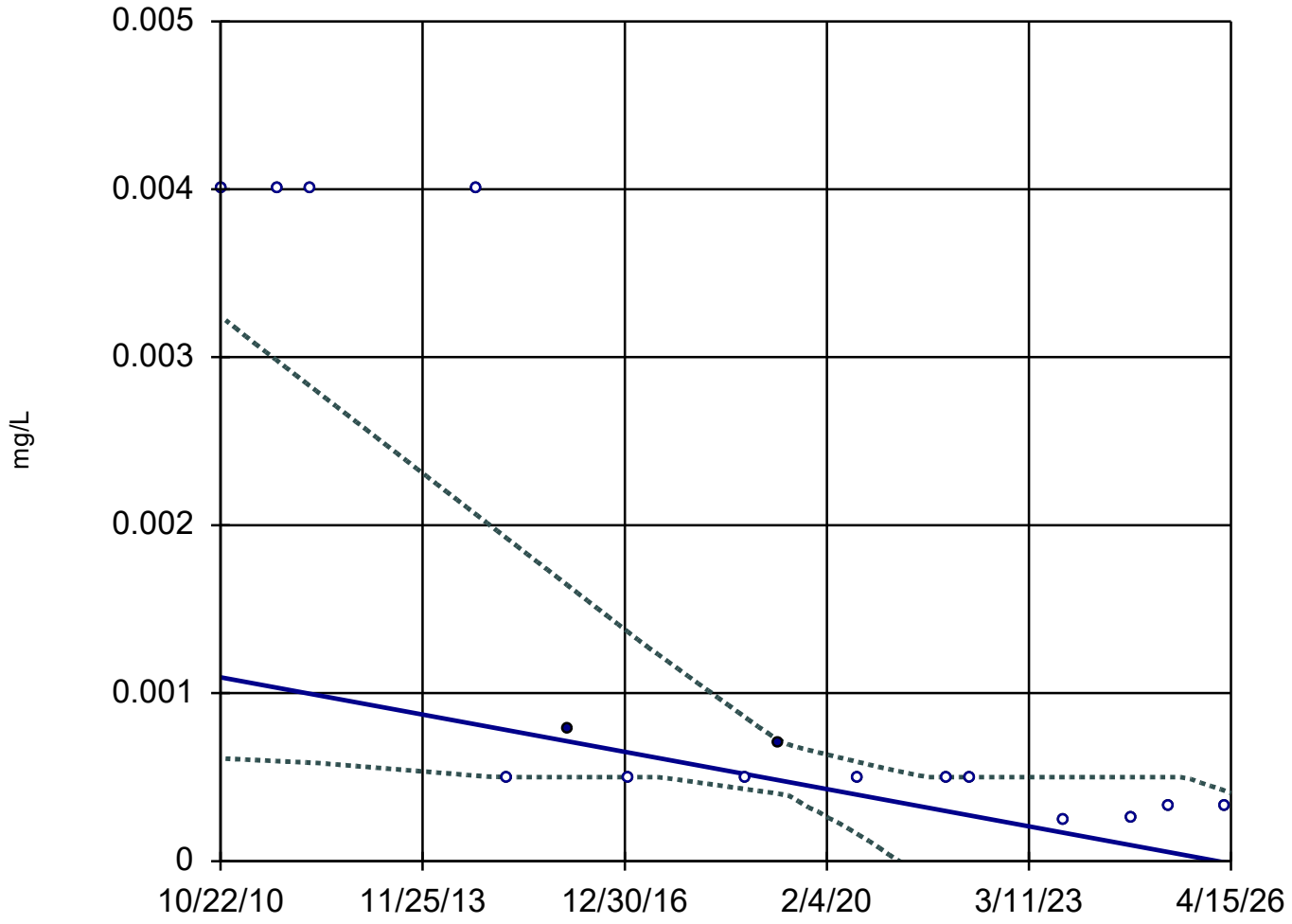
Constituent: Lead Analysis Run 8/19/2026 1:11 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-24R (bg)



n = 16

Slope = -0.00007167 units per year.

Mann-Kendall statistic = -80
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

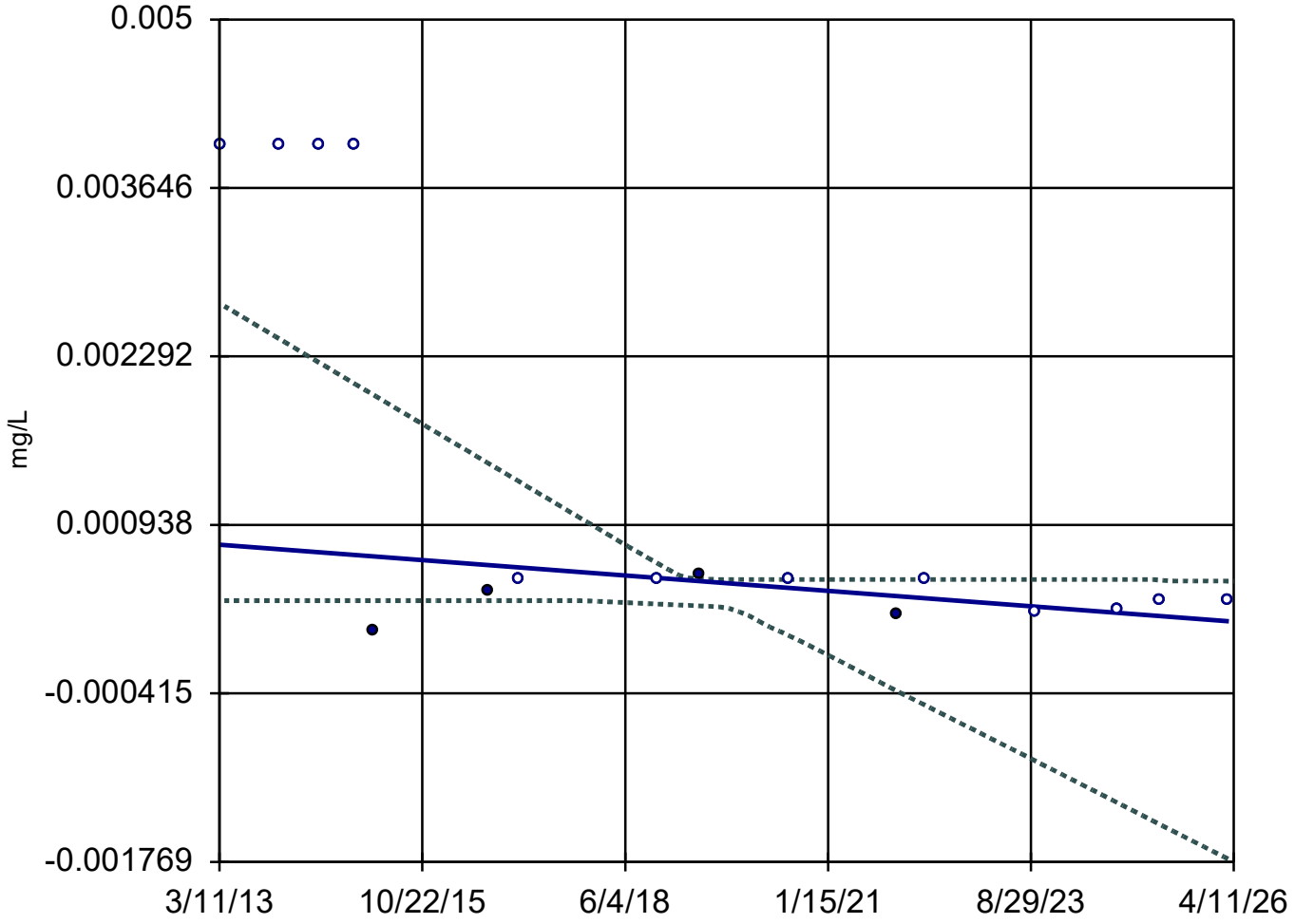
Constituent: Lead Analysis Run 8/19/2026 1:11 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-28



n = 16

Slope = -0.00004733 units per year.

Mann-Kendall statistic = -51
critical = -45

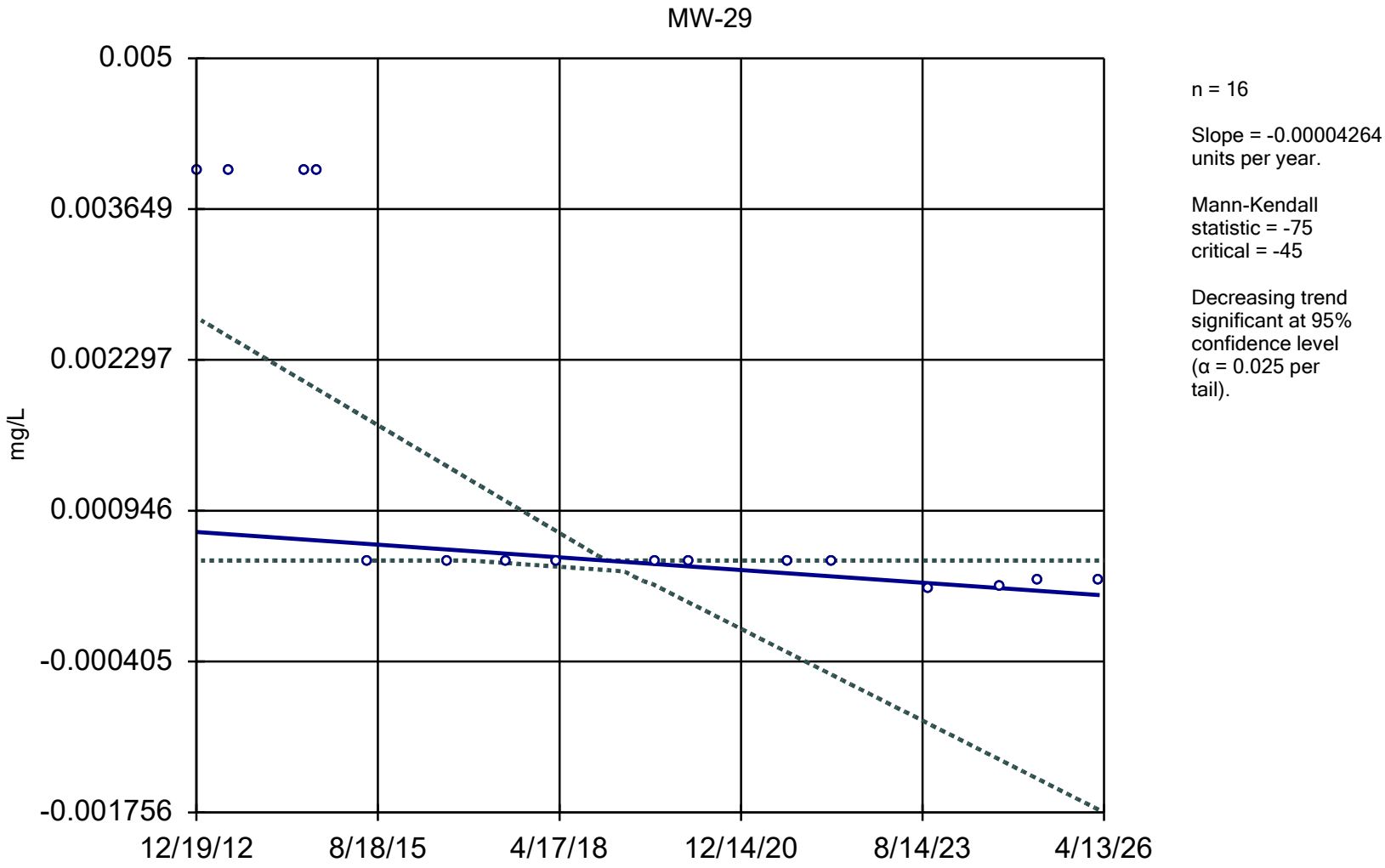
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lead Analysis Run 8/19/2026 1:11 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



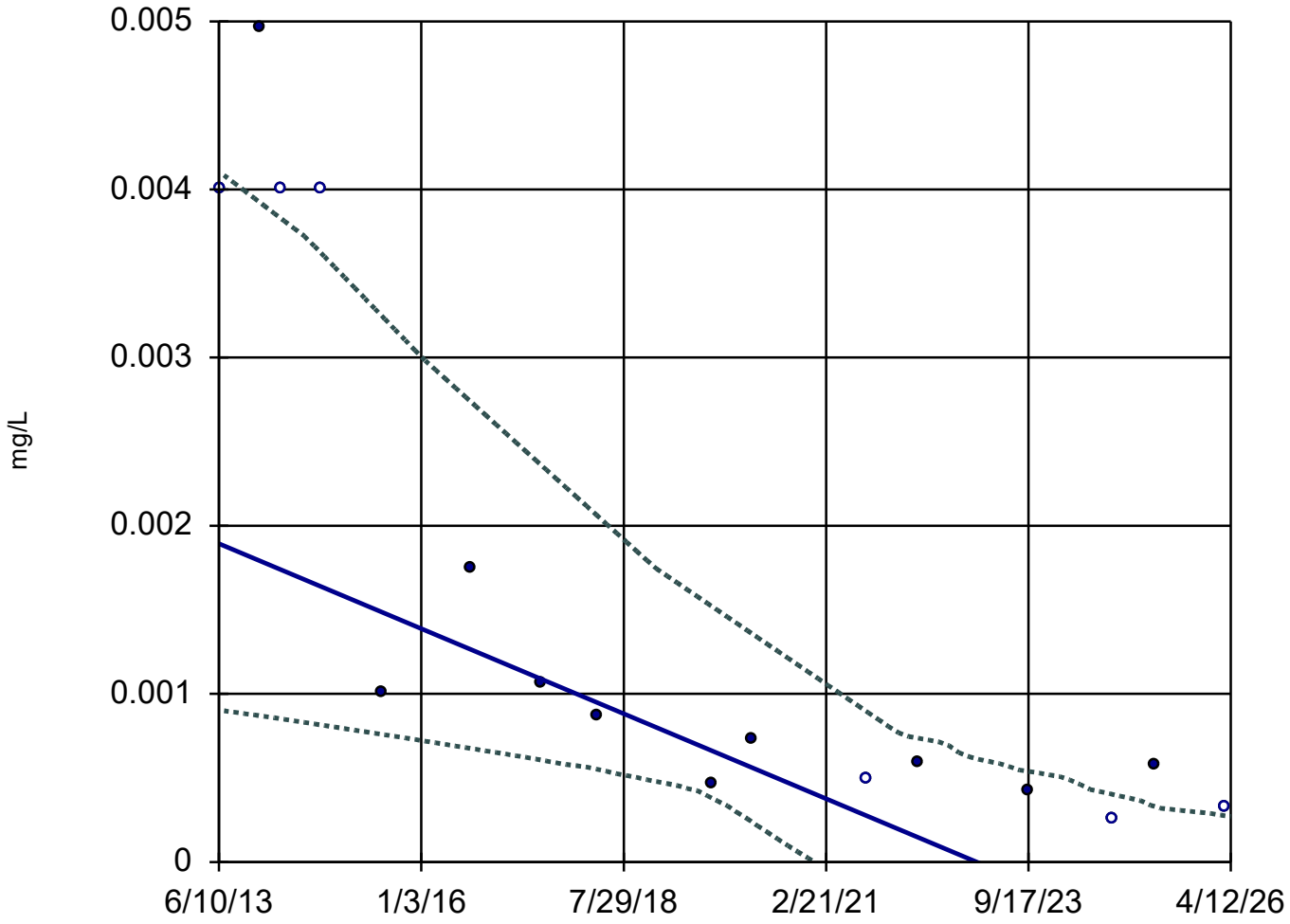
Constituent: Lead Analysis Run 8/19/2026 1:11 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-30R



n = 16

Slope = -0.0001968 units per year.

Mann-Kendall statistic = -93
critical = -45

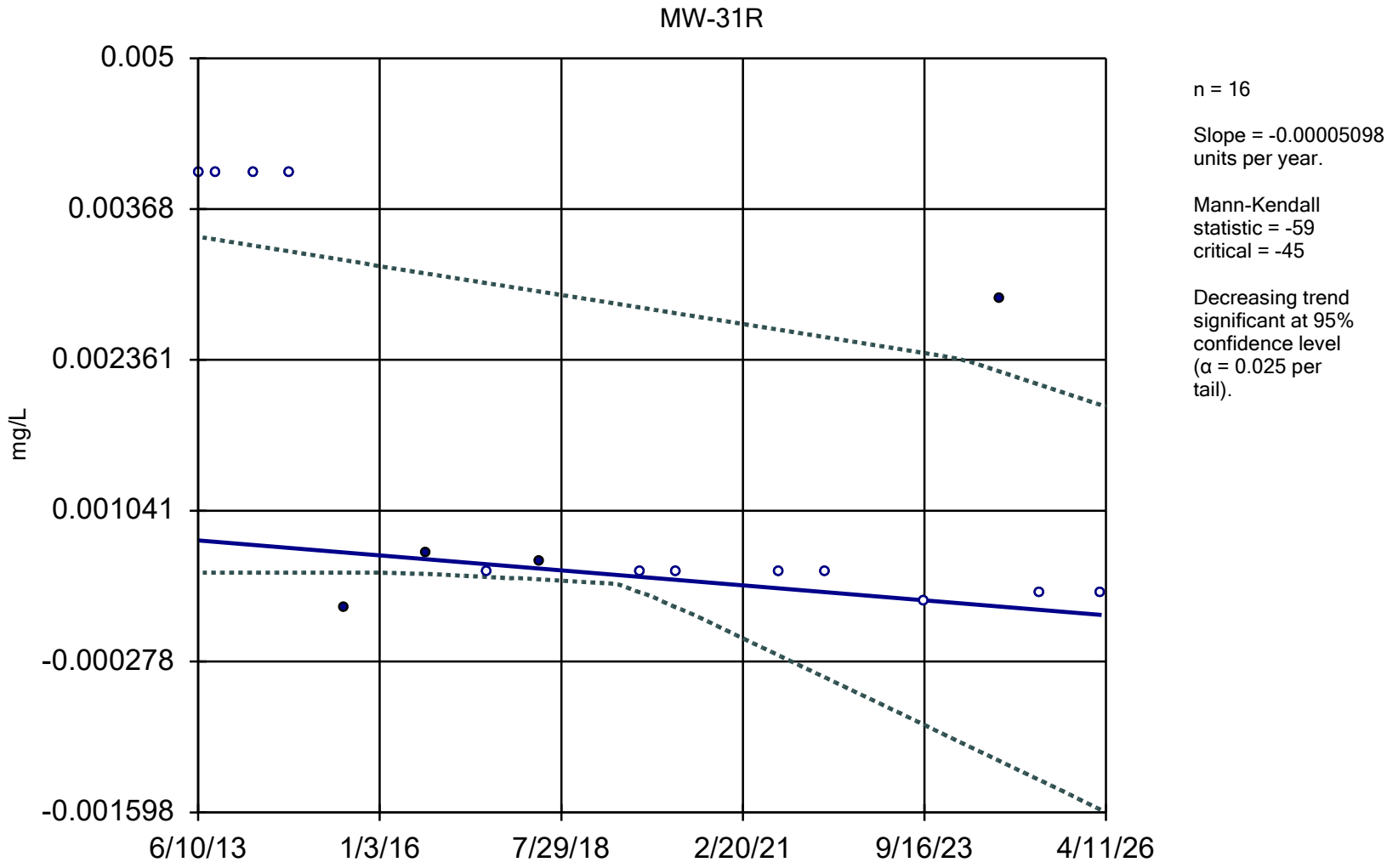
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lead Analysis Run 8/19/2026 1:11 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



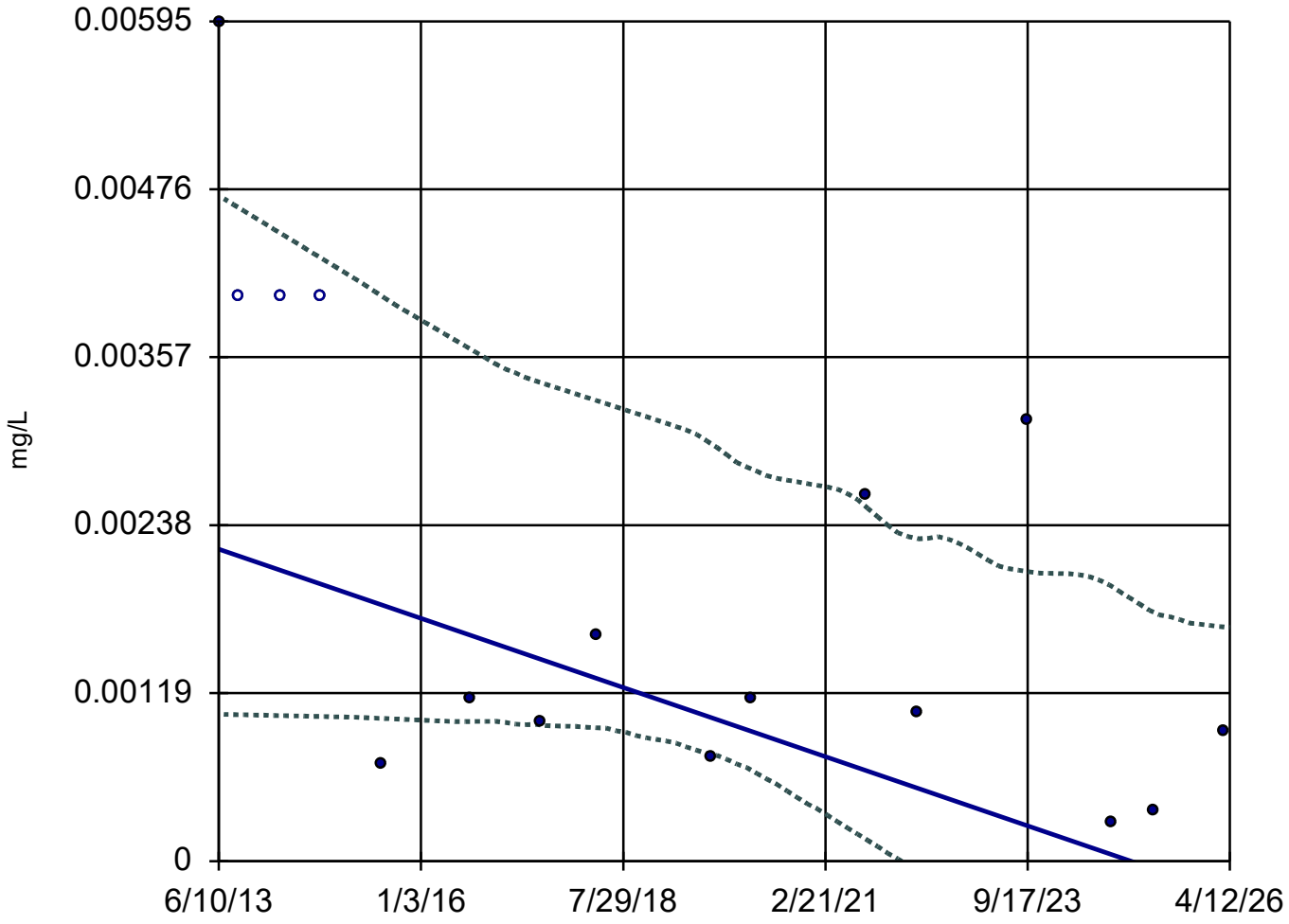
Constituent: Lead Analysis Run 8/19/2026 1:11 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-32R



n = 16

Slope = -0.0001908 units per year.

Mann-Kendall statistic = -55
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

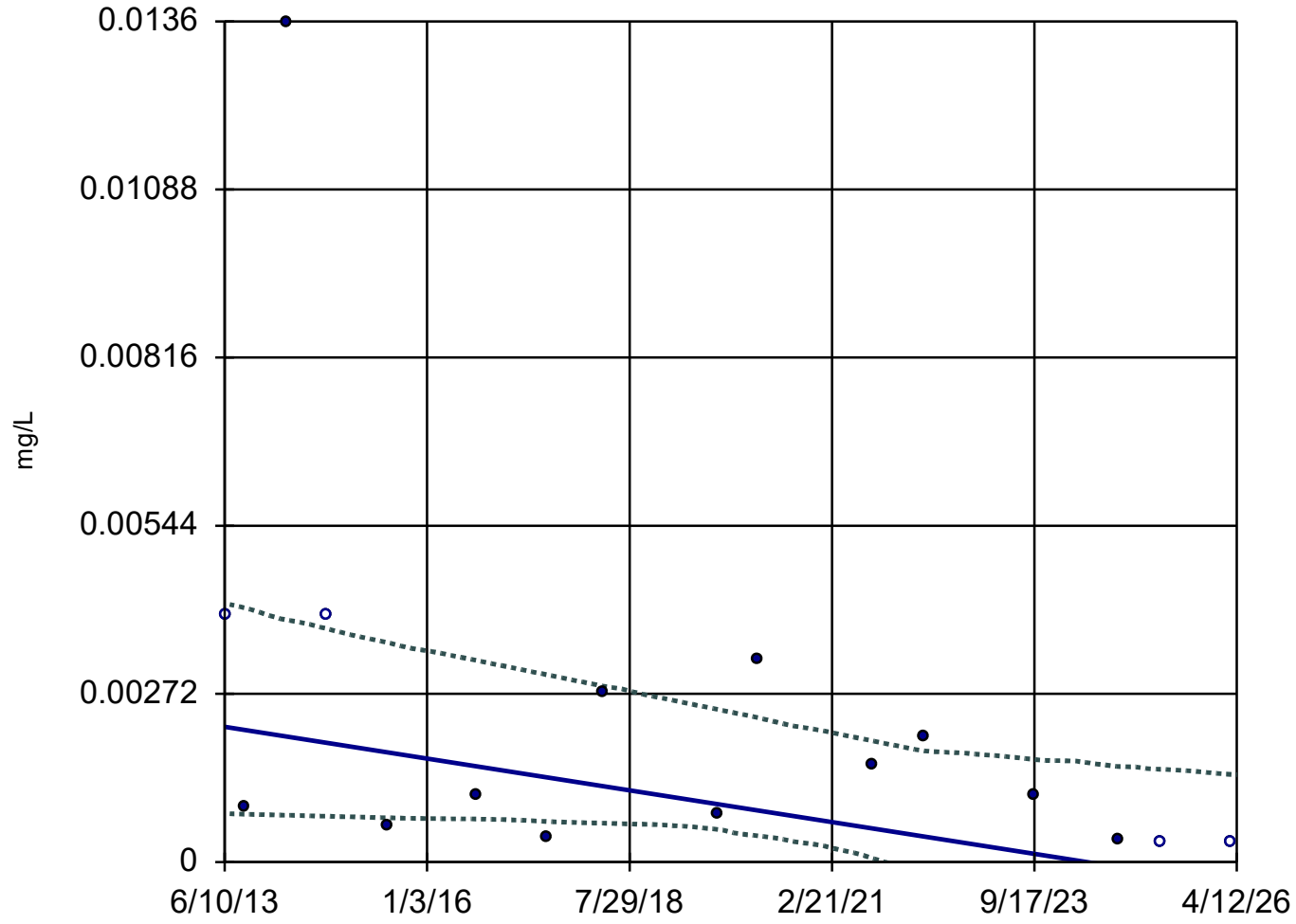
Constituent: Lead Analysis Run 8/19/2026 1:11 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-33R



n = 16

Slope = -0.0002001 units per year.

Mann-Kendall statistic = -53
critical = -45

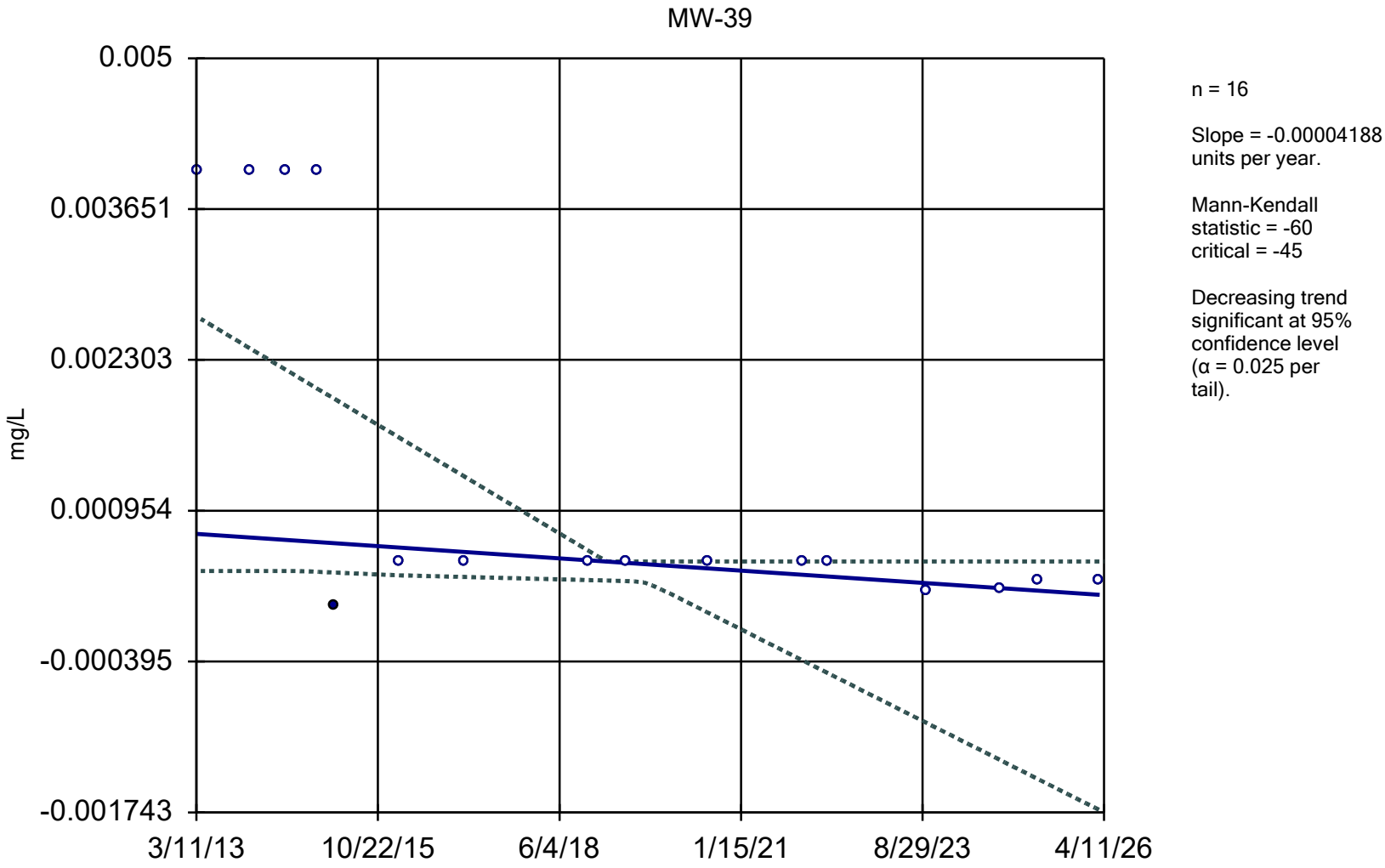
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lead Analysis Run 8/19/2026 1:11 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

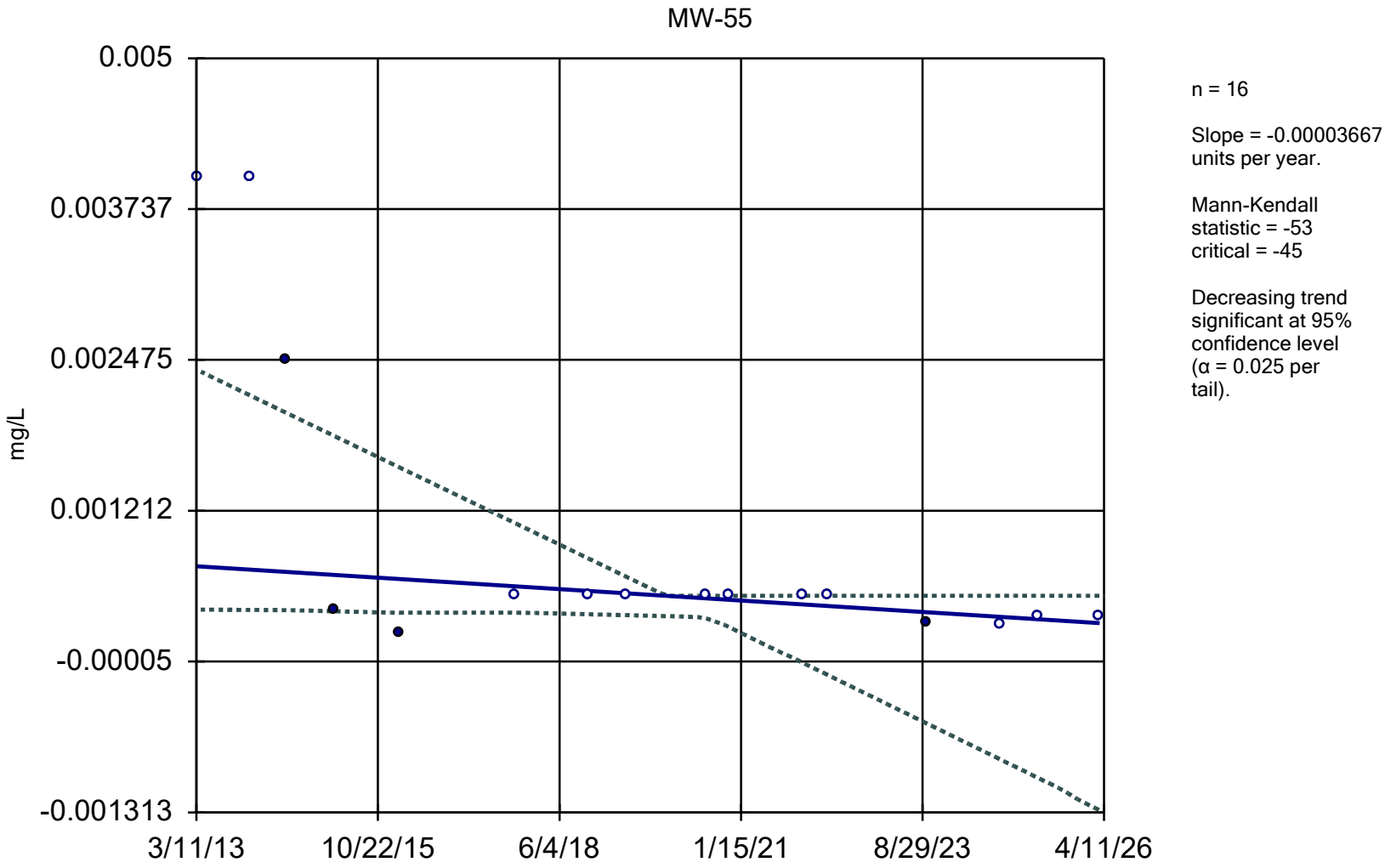


Constituent: Lead Analysis Run 8/19/2026 1:11 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



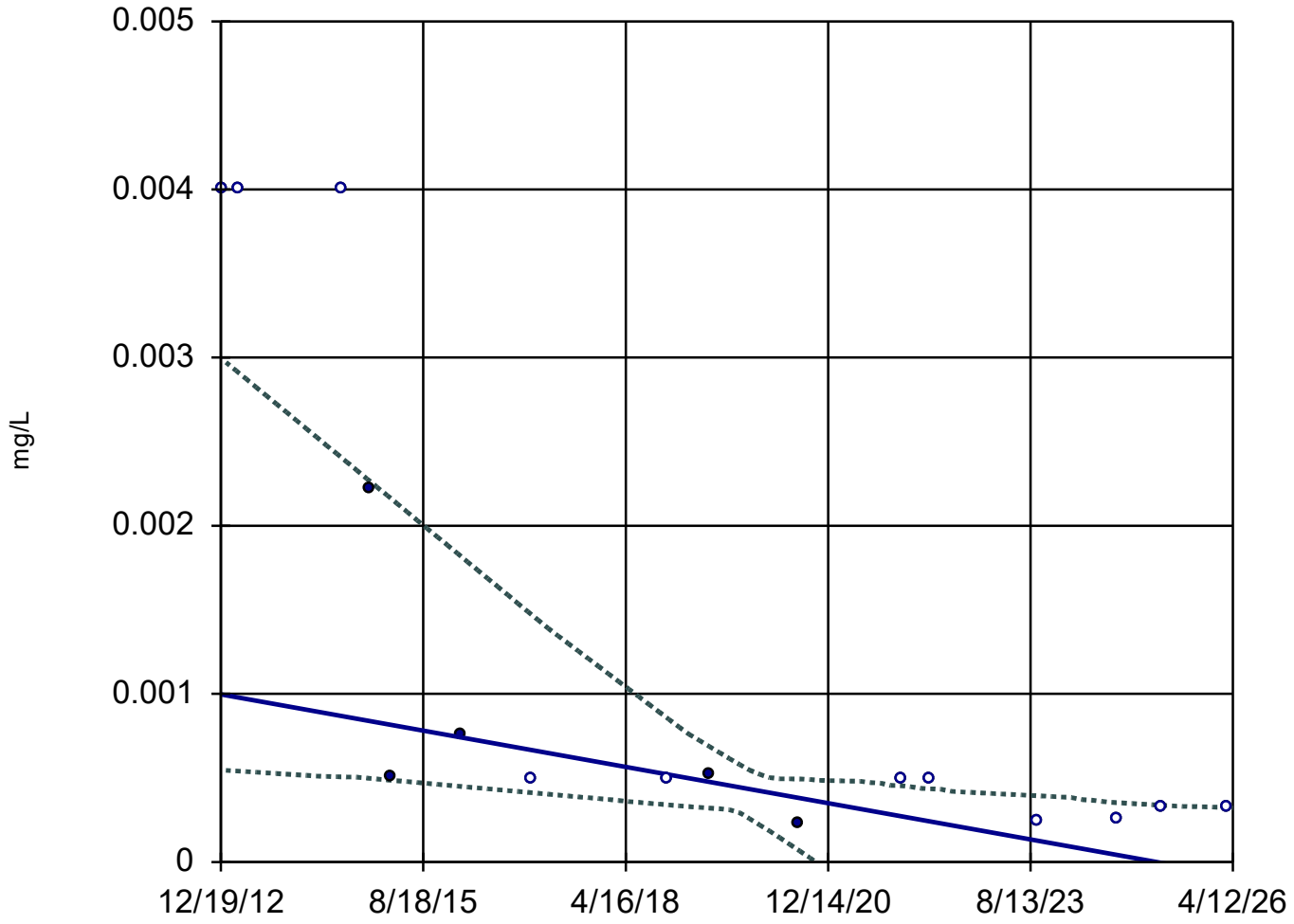
Constituent: Lead Analysis Run 8/19/2026 1:11 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-56



n = 16

Slope = -0.00008096 units per year.

Mann-Kendall statistic = -80
critical = -45

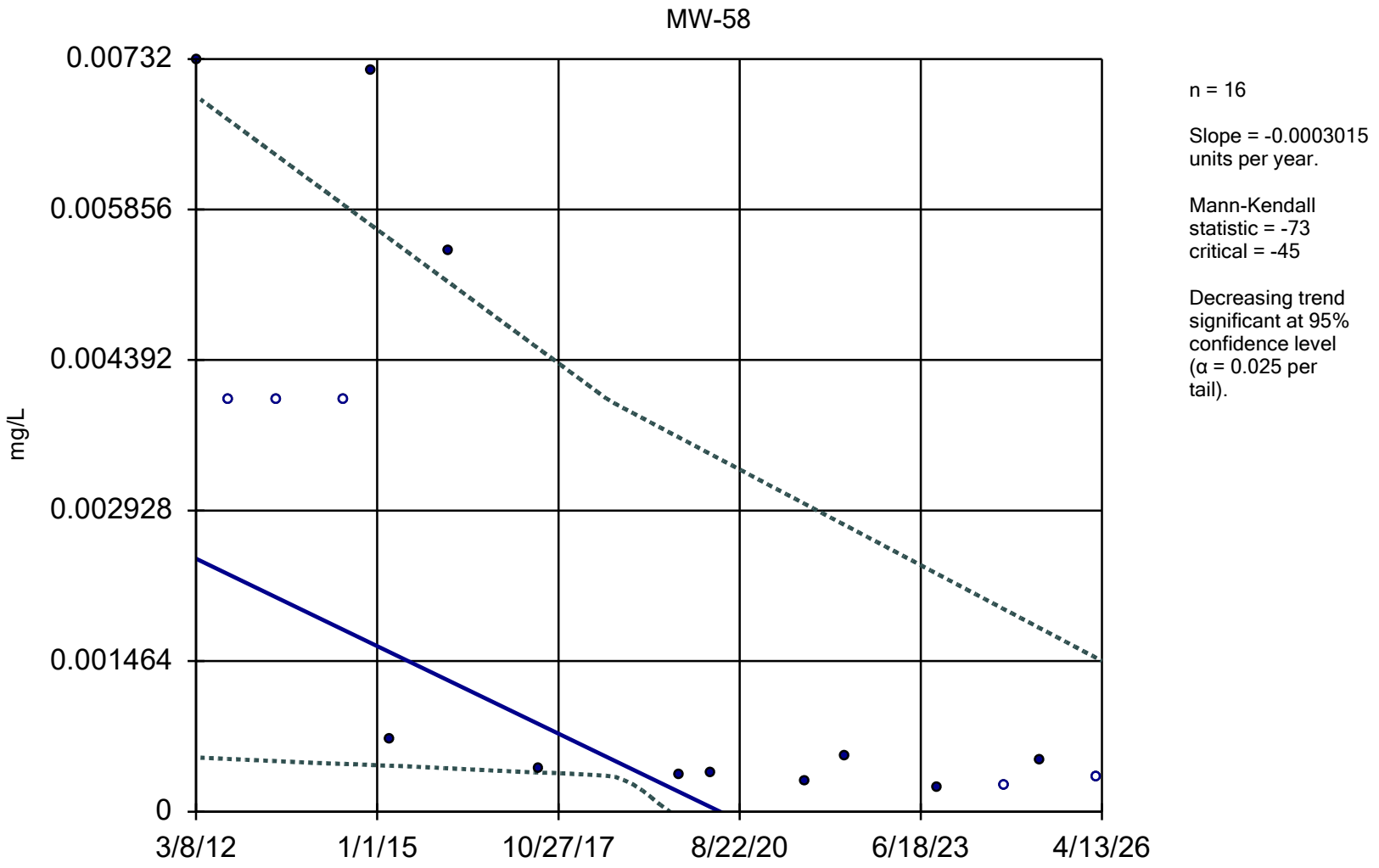
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lead Analysis Run 8/19/2026 1:11 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



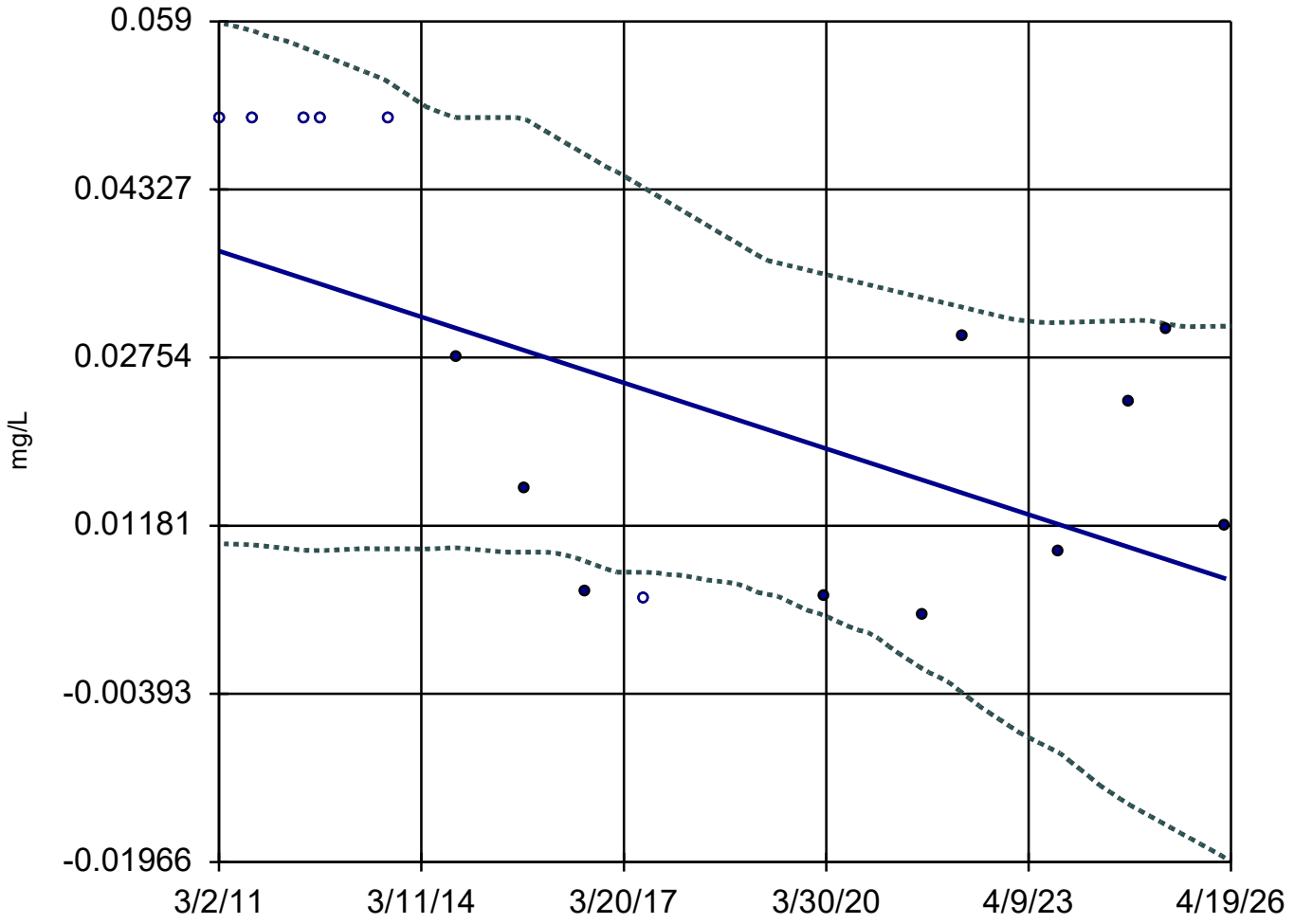
Constituent: Lead Analysis Run 8/19/2026 1:11 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

GU-3A



n = 16

Slope = -0.002034 units per year.

Mann-Kendall statistic = -48
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

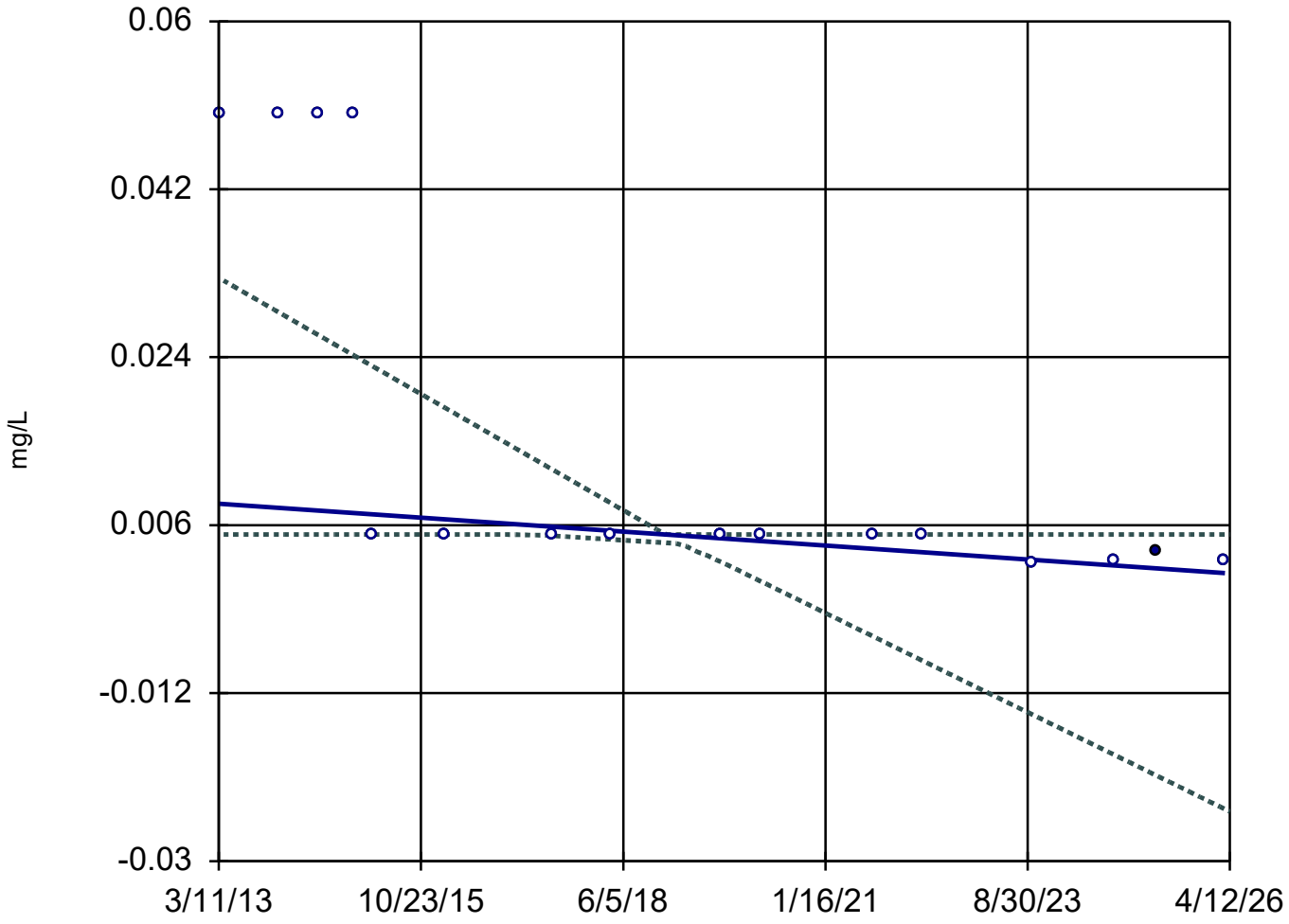
Constituent: Nickel Analysis Run 8/19/2026 1:12 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-14R



n = 16

Slope = -0.0005687 units per year.

Mann-Kendall statistic = -76
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

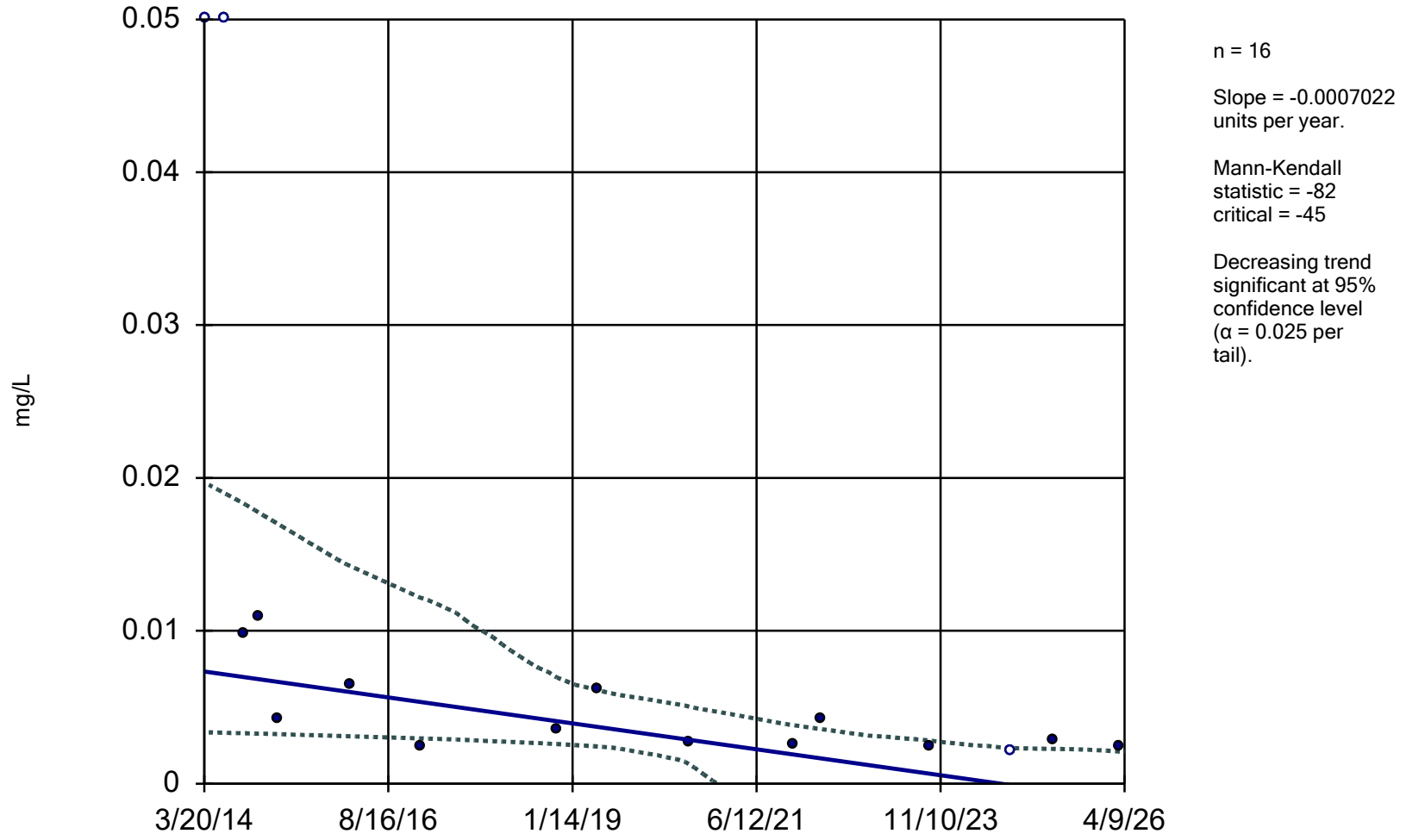
Constituent: Nickel Analysis Run 8/19/2026 1:12 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-18



n = 16

Slope = -0.0007022 units per year.

Mann-Kendall statistic = -82
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

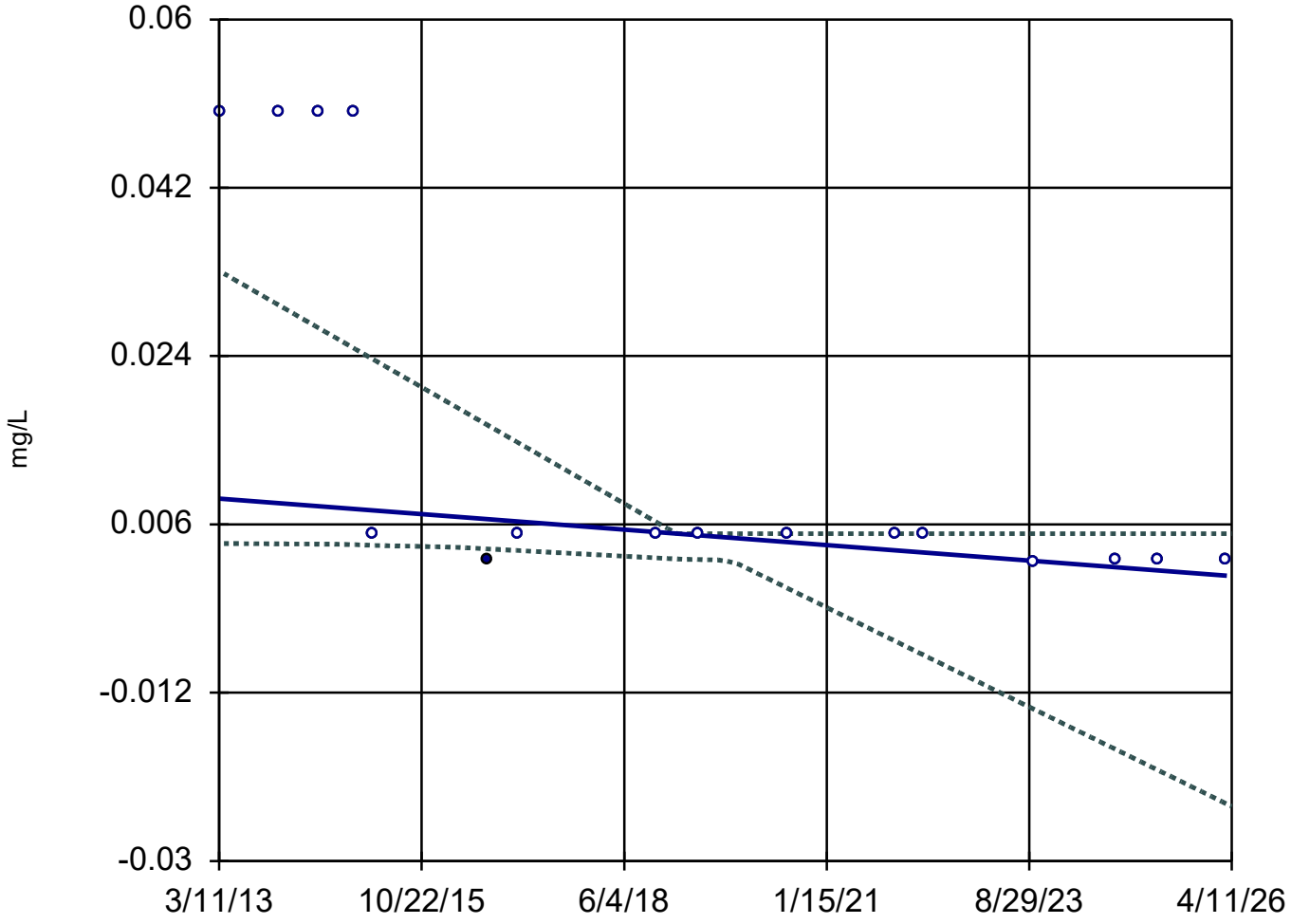
Constituent: Nickel Analysis Run 8/19/2026 1:12 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-28



n = 16

Slope = -0.0006326 units per year.

Mann-Kendall statistic = -66
critical = -45

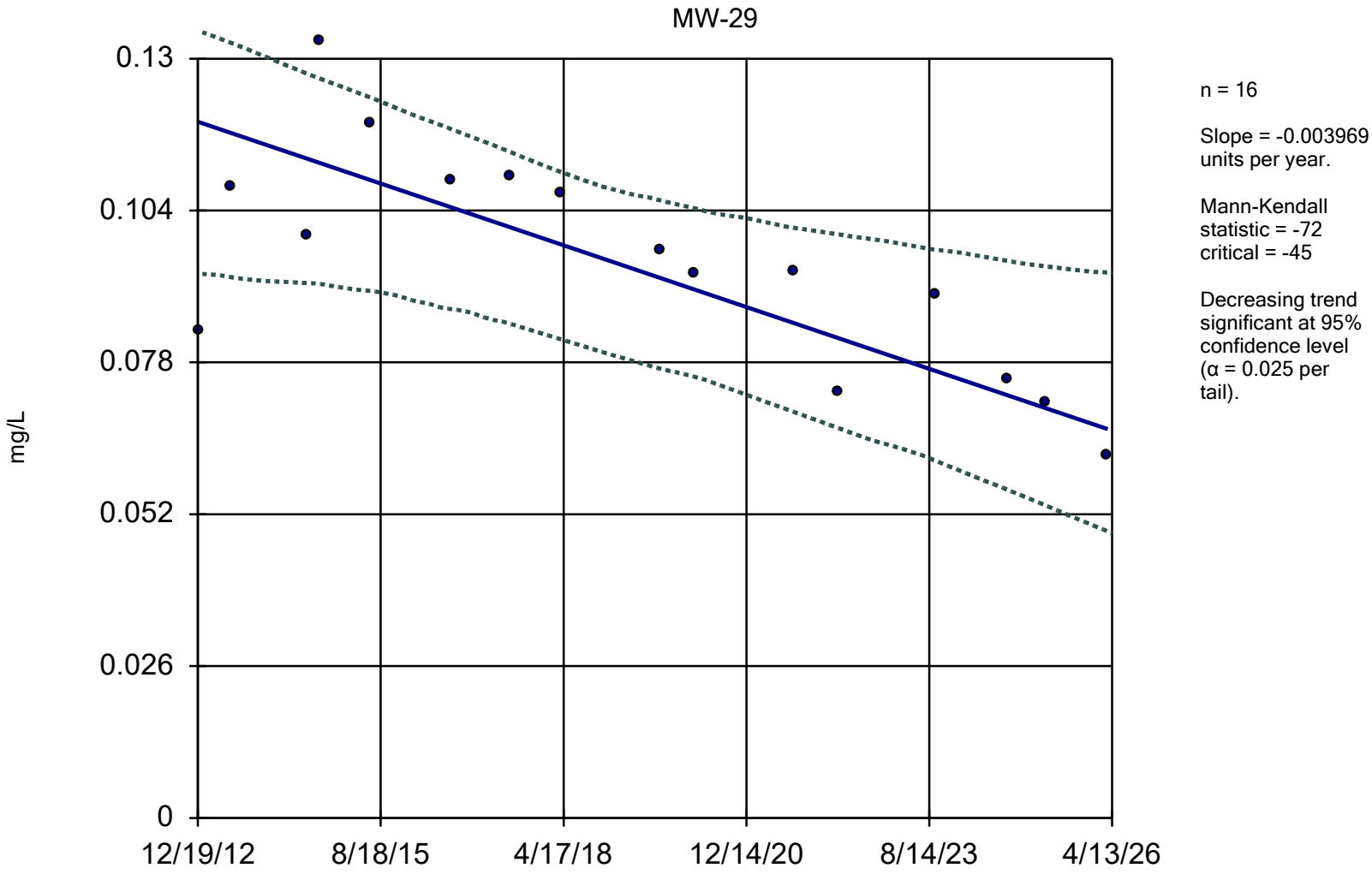
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Nickel Analysis Run 8/19/2026 1:12 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band



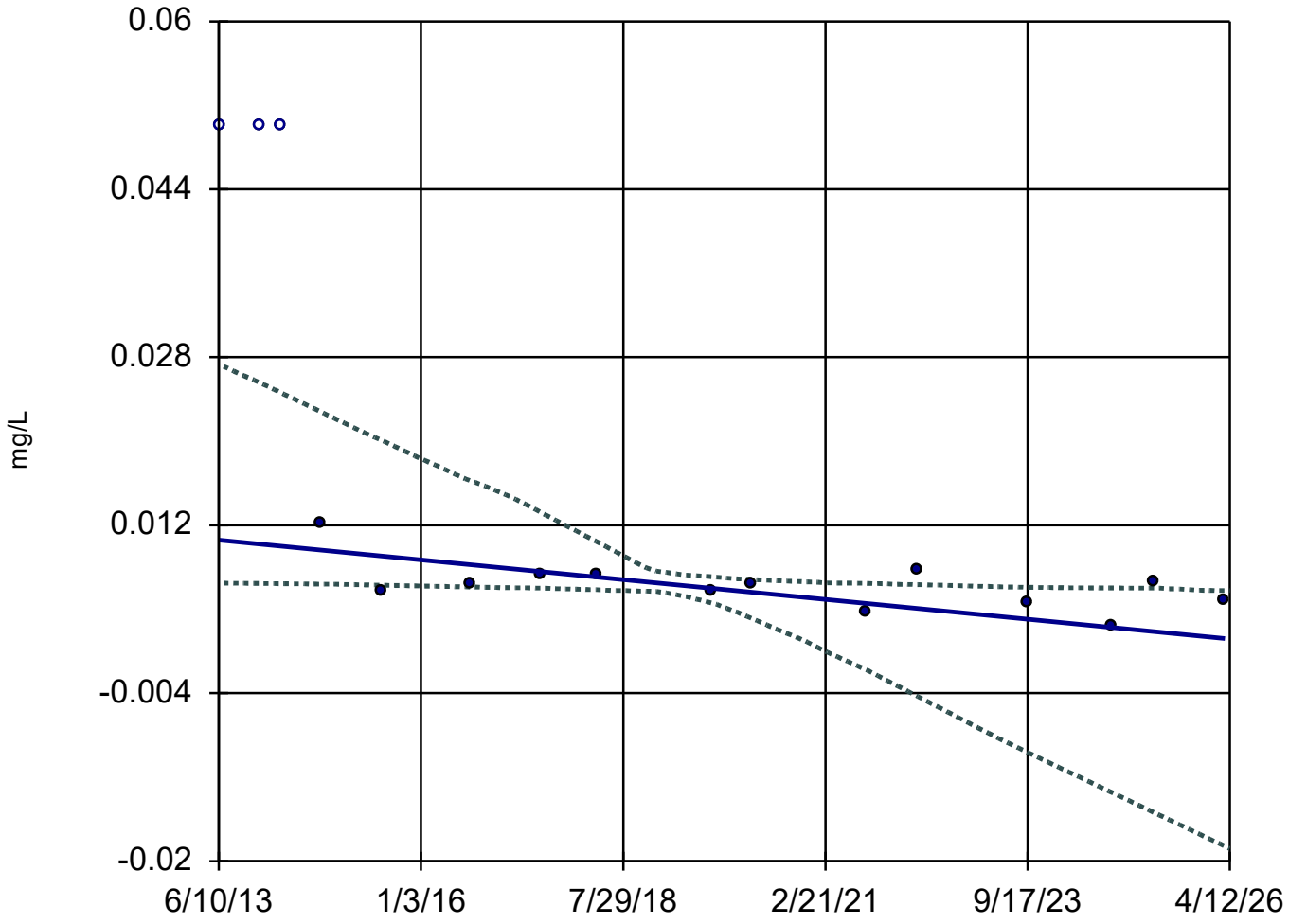
Constituent: Nickel Analysis Run 8/19/2026 1:12 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-30R



n = 16

Slope = -0.0007335 units per year.

Mann-Kendall statistic = -63
critical = -45

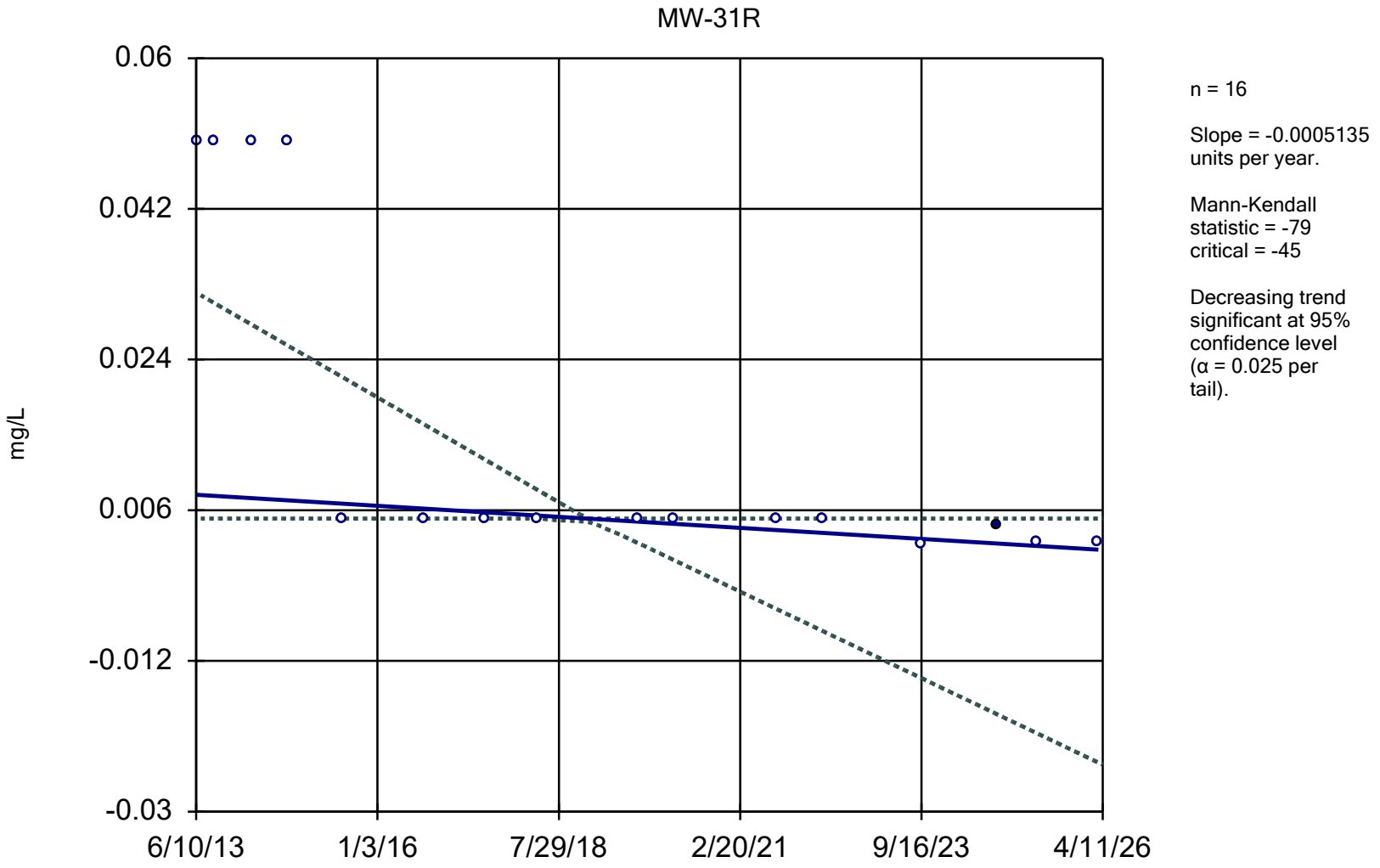
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Nickel Analysis Run 8/19/2026 1:12 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



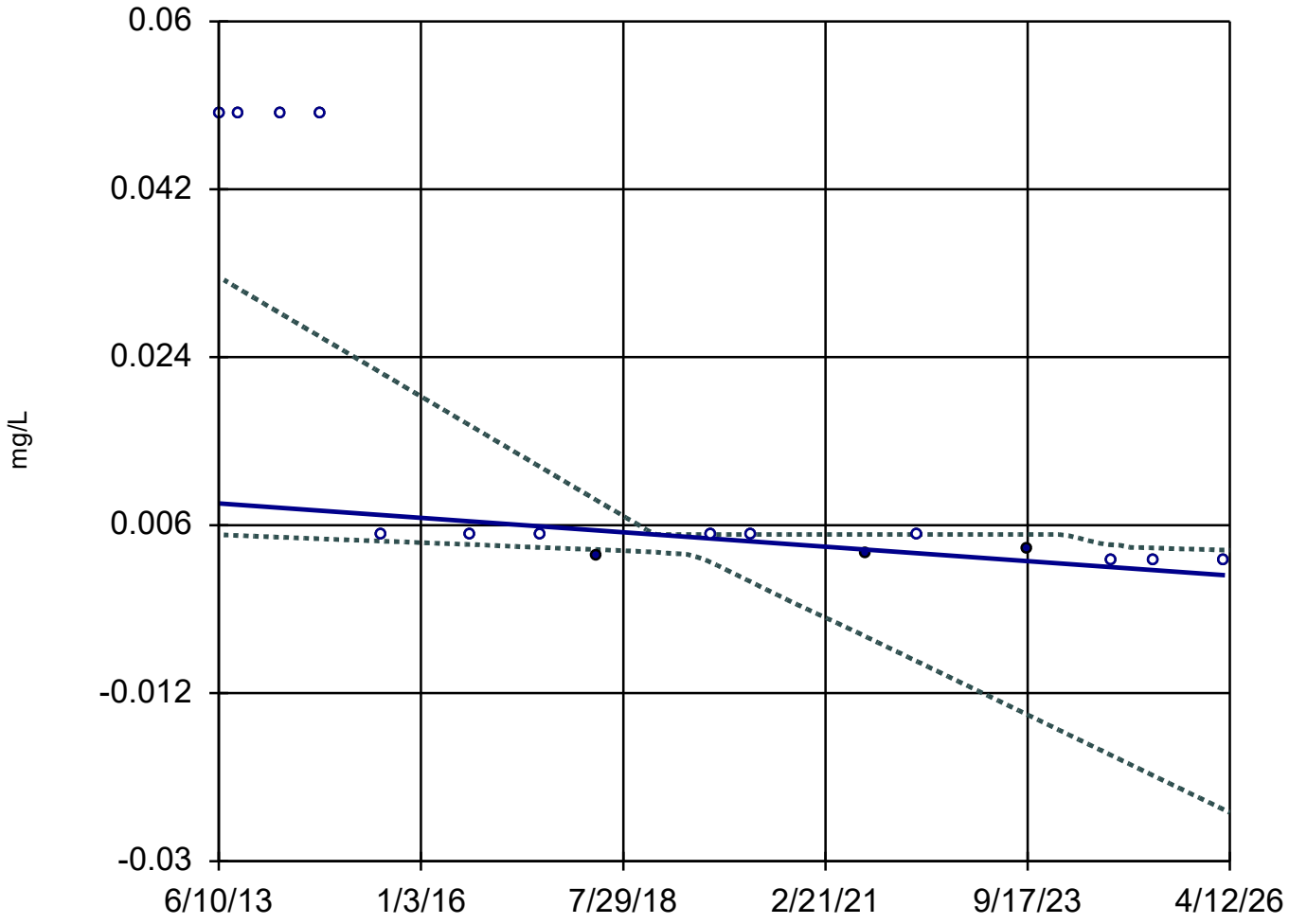
Constituent: Nickel Analysis Run 8/19/2026 1:12 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-32R



n = 16

Slope = -0.0006026 units per year.

Mann-Kendall statistic = -80
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

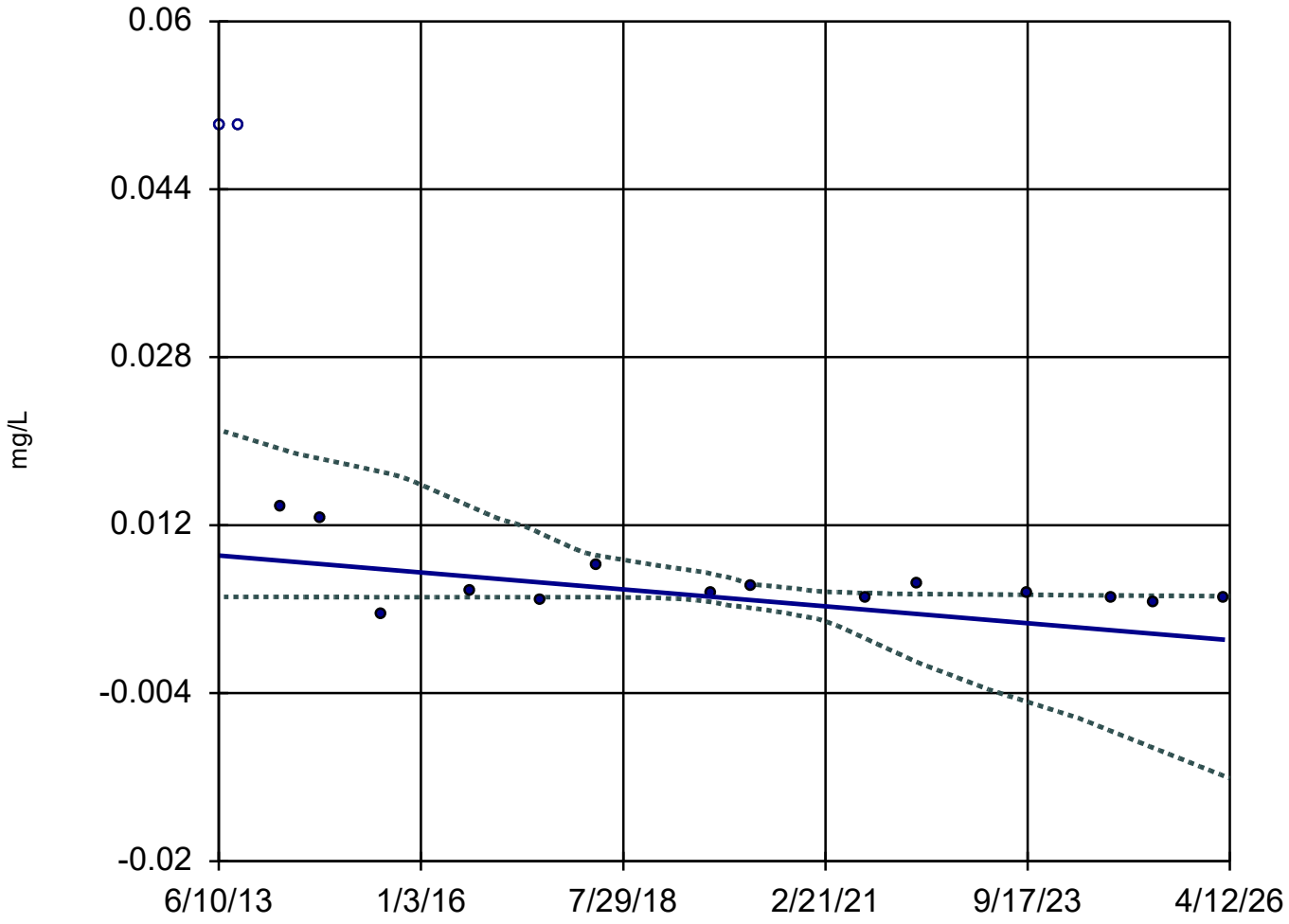
Constituent: Nickel Analysis Run 8/19/2026 1:12 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-33R



n = 16

Slope = -0.0006284 units per year.

Mann-Kendall statistic = -57
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

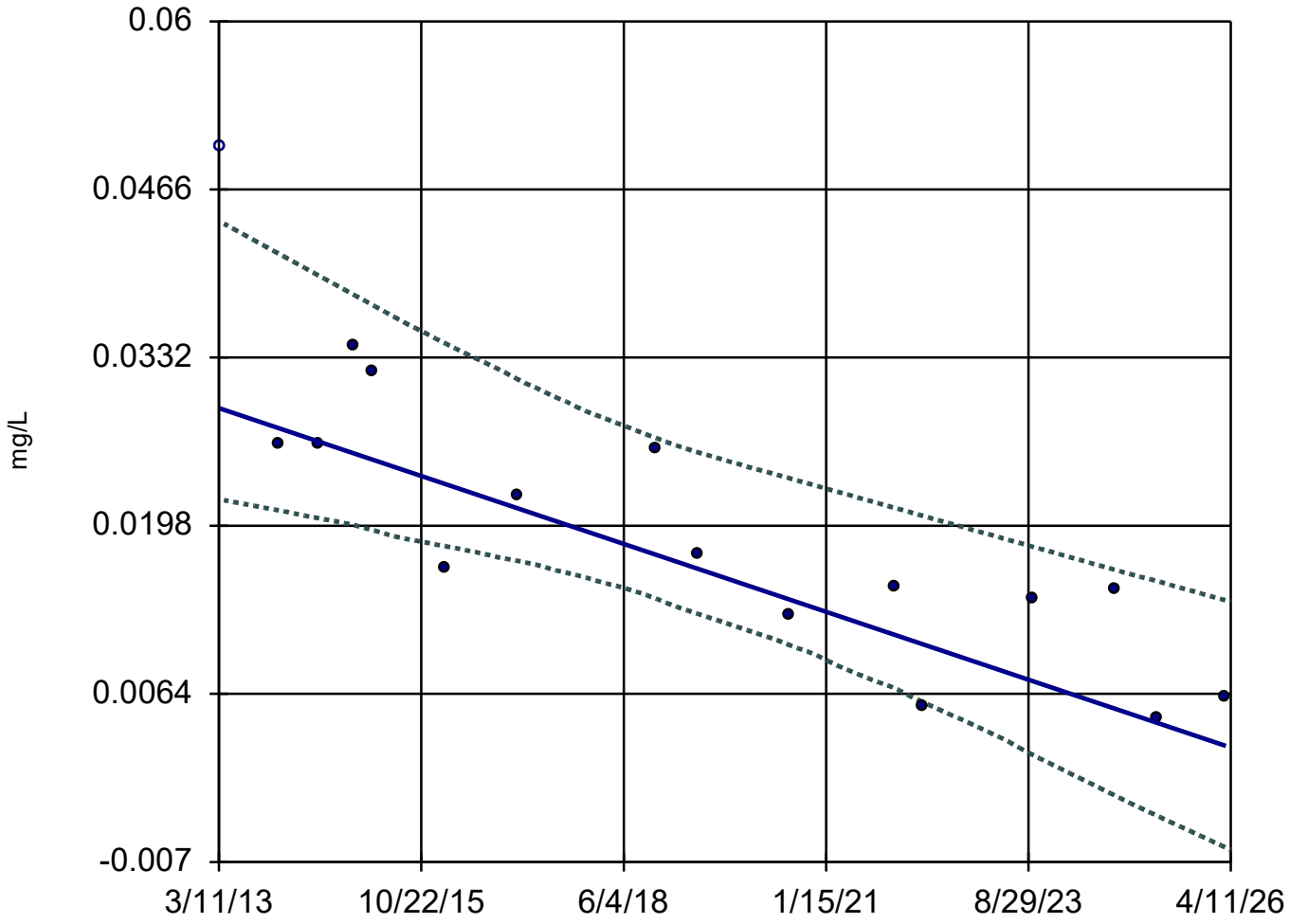
Constituent: Nickel Analysis Run 8/19/2026 1:12 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-39



n = 16

Slope = -0.002067 units per year.

Mann-Kendall statistic = -86
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

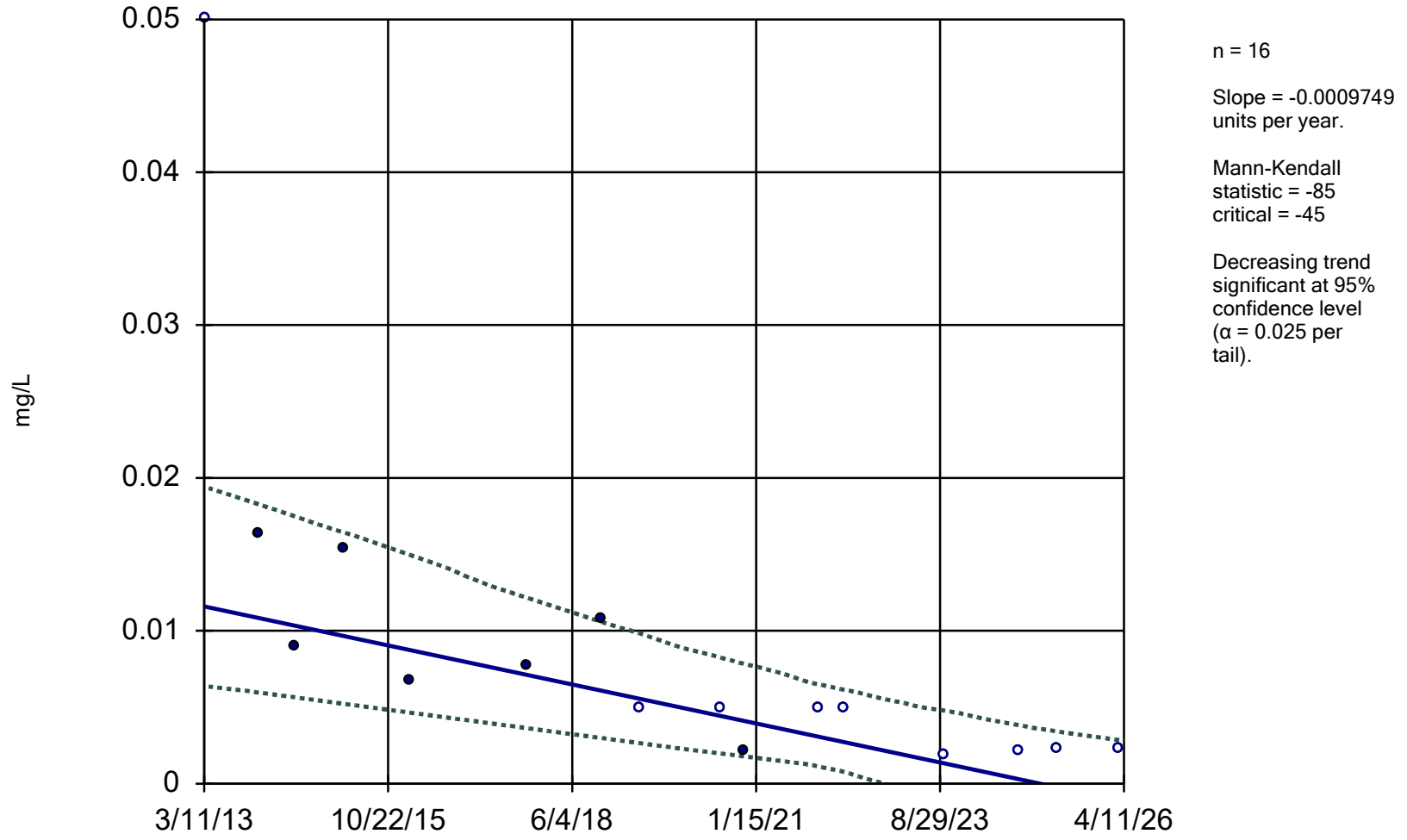
Constituent: Nickel Analysis Run 8/19/2026 1:12 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-55



n = 16

Slope = -0.0009749 units per year.

Mann-Kendall statistic = -85
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

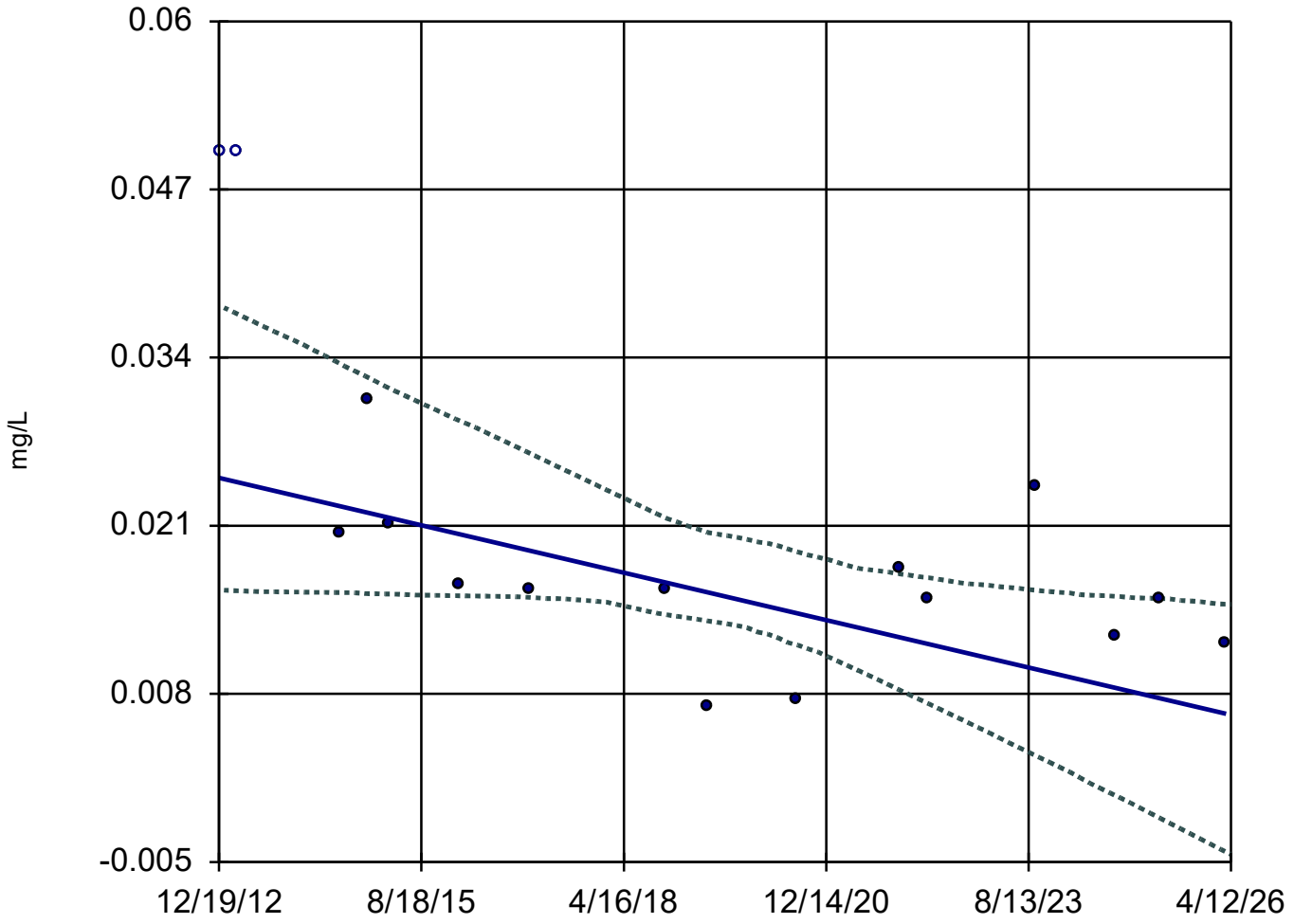
Constituent: Nickel Analysis Run 8/19/2026 1:12 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-56



n = 16

Slope = -0.001376 units per year.

Mann-Kendall statistic = -66
critical = -45

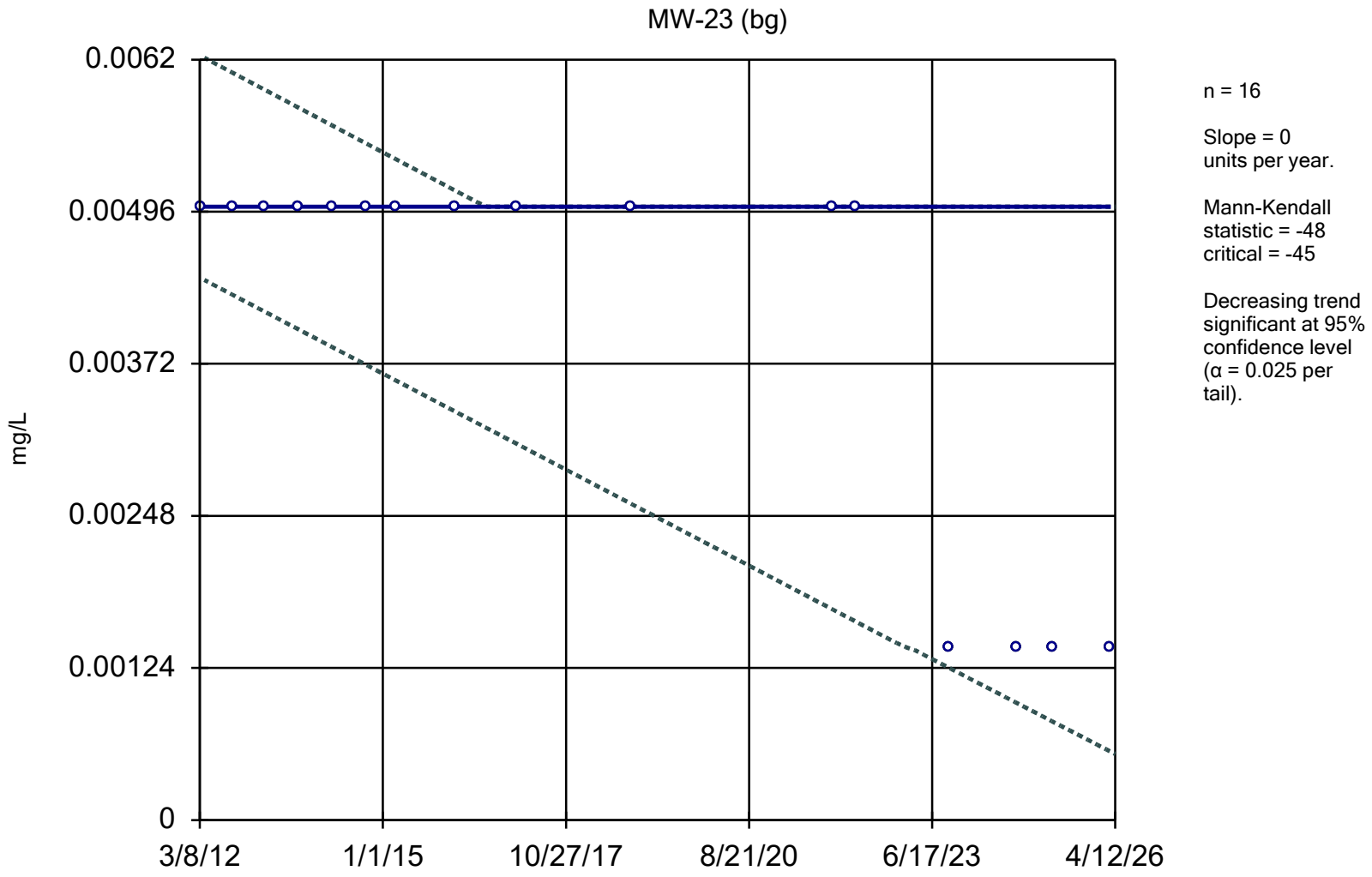
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Nickel Analysis Run 8/19/2026 1:12 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



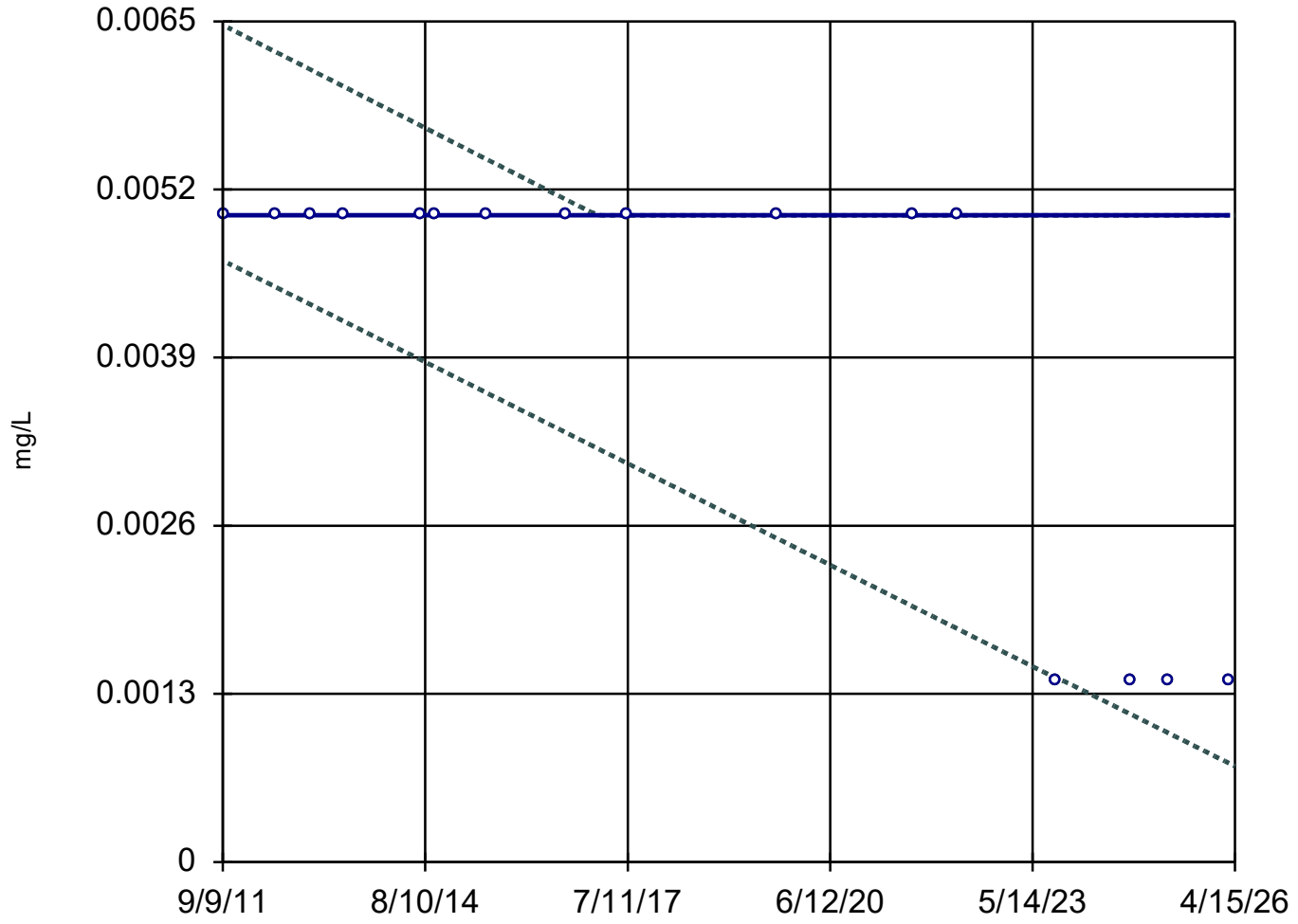
Constituent: Selenium Analysis Run 8/19/2026 1:12 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-29



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

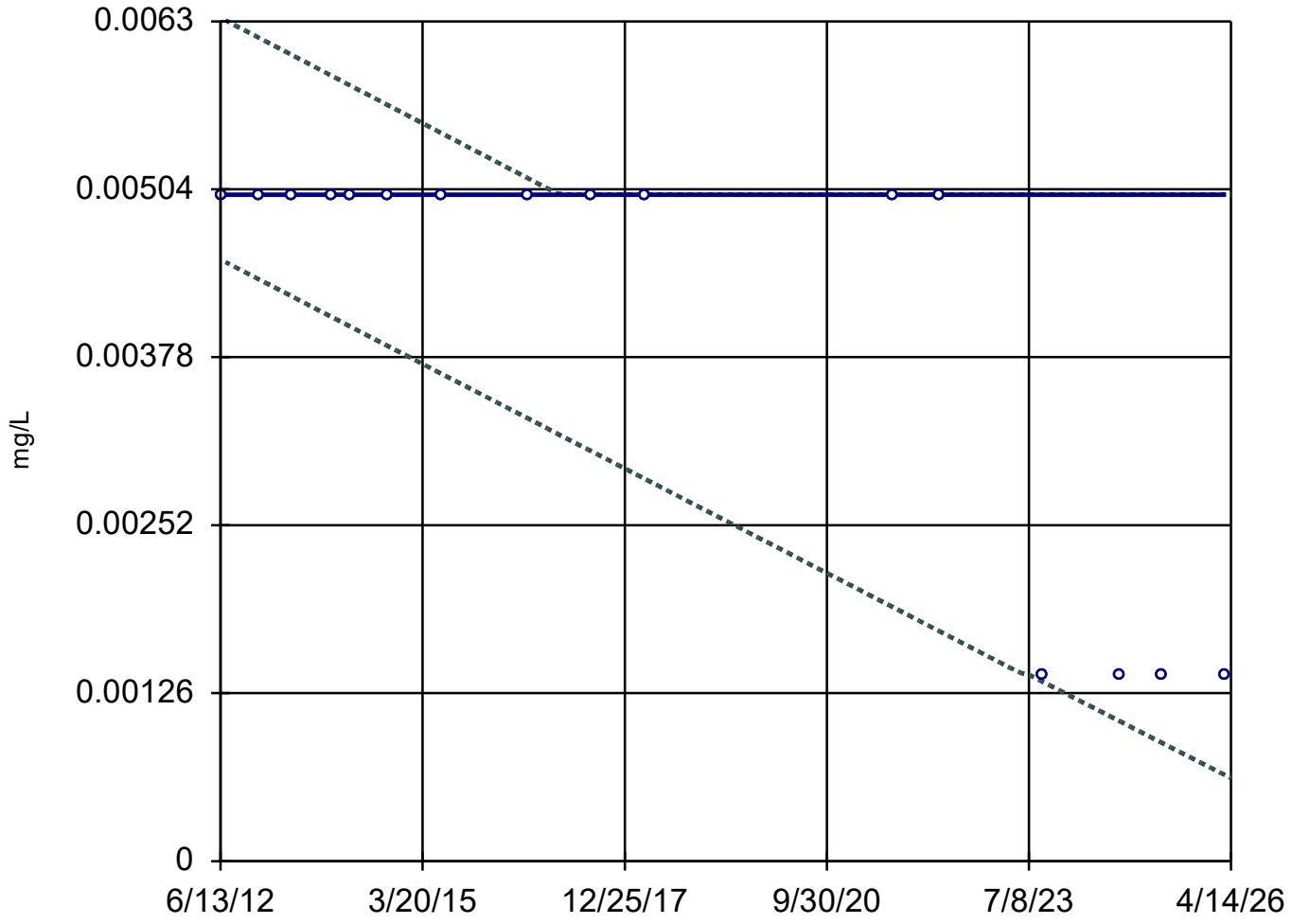
Constituent: Selenium Analysis Run 8/19/2026 1:12 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-30R



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

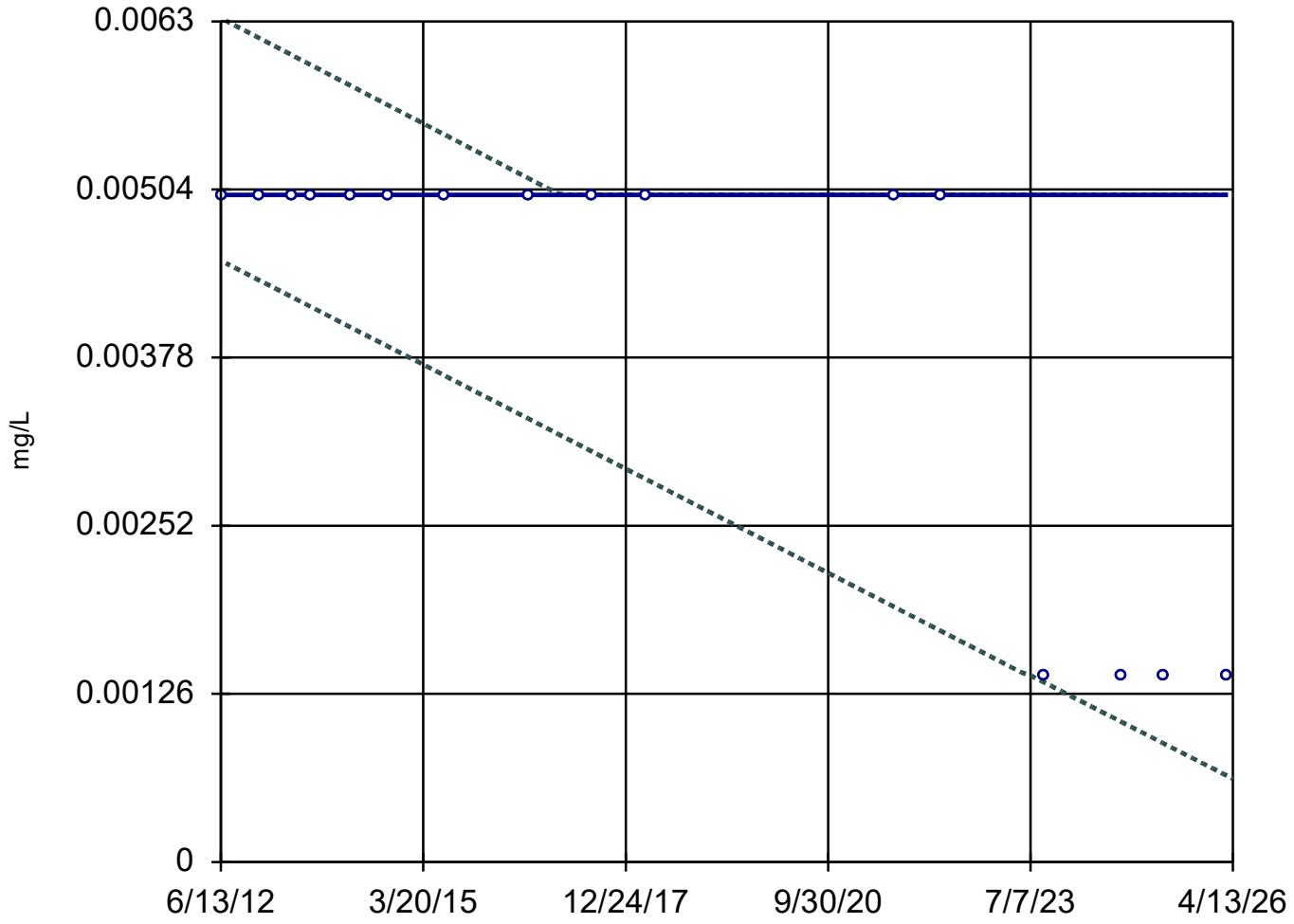
Constituent: Selenium Analysis Run 8/19/2026 1:12 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-31R



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

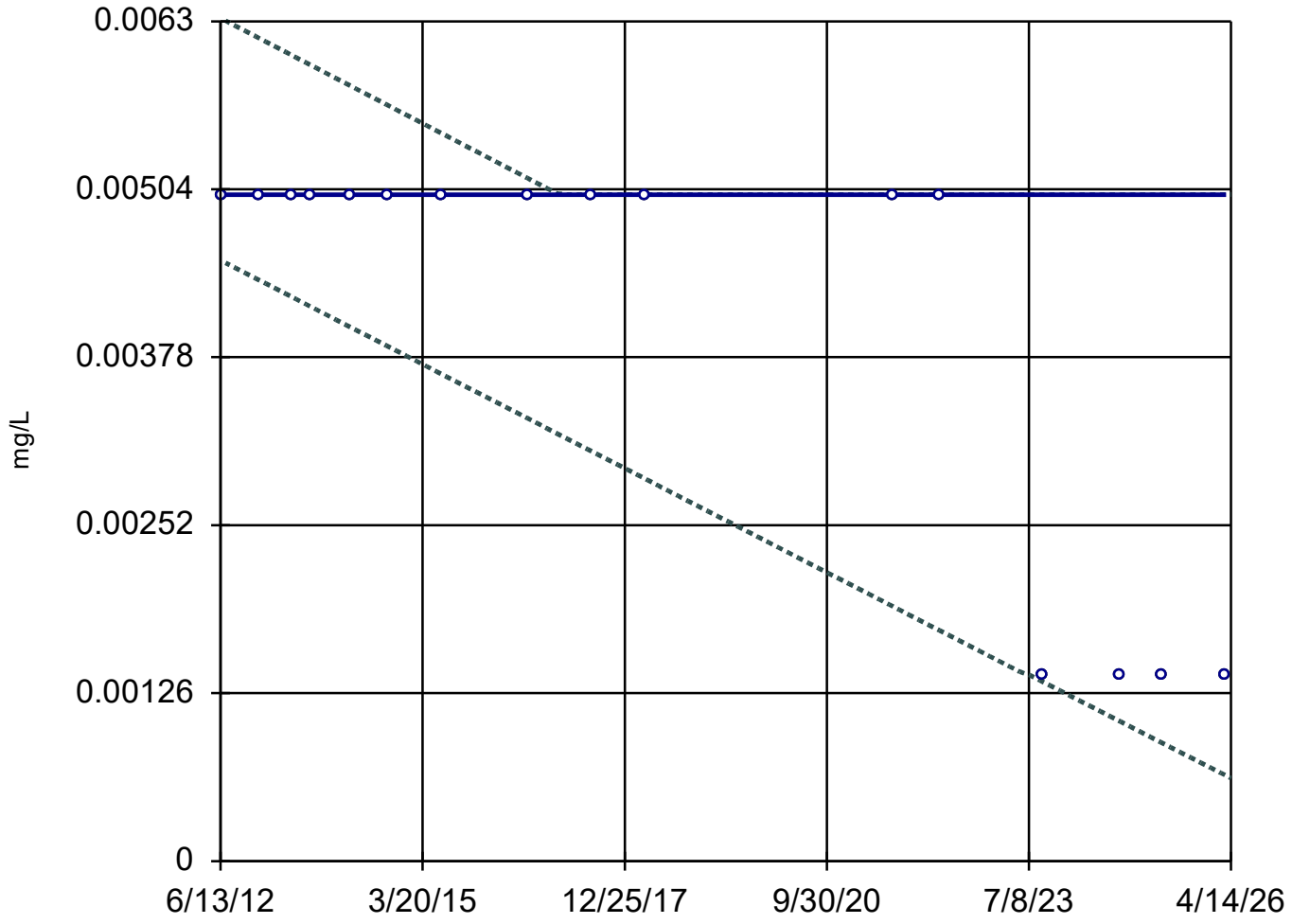
Constituent: Selenium Analysis Run 8/19/2026 1:12 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-32R



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

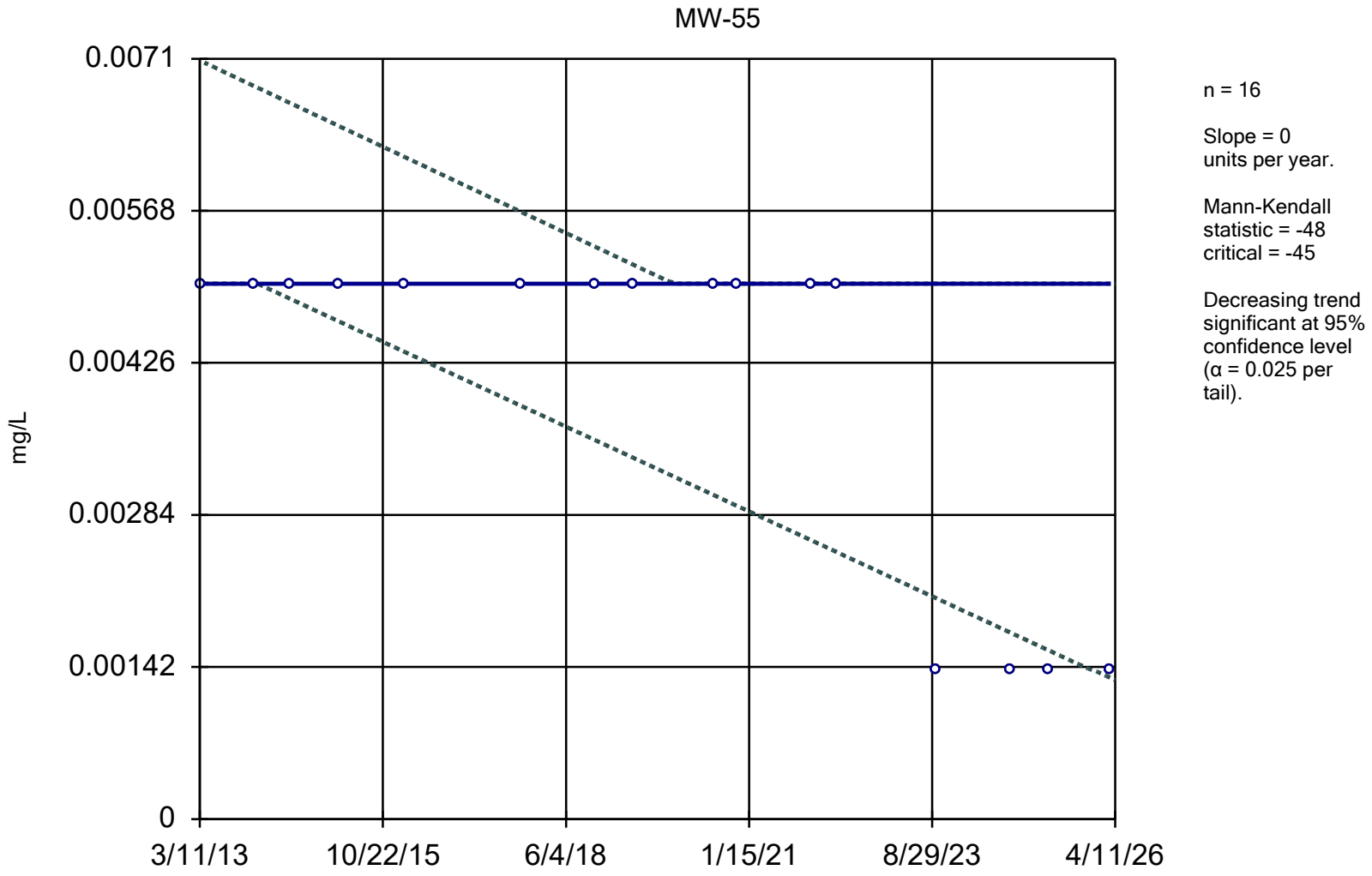
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Selenium Analysis Run 8/19/2026 1:12 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



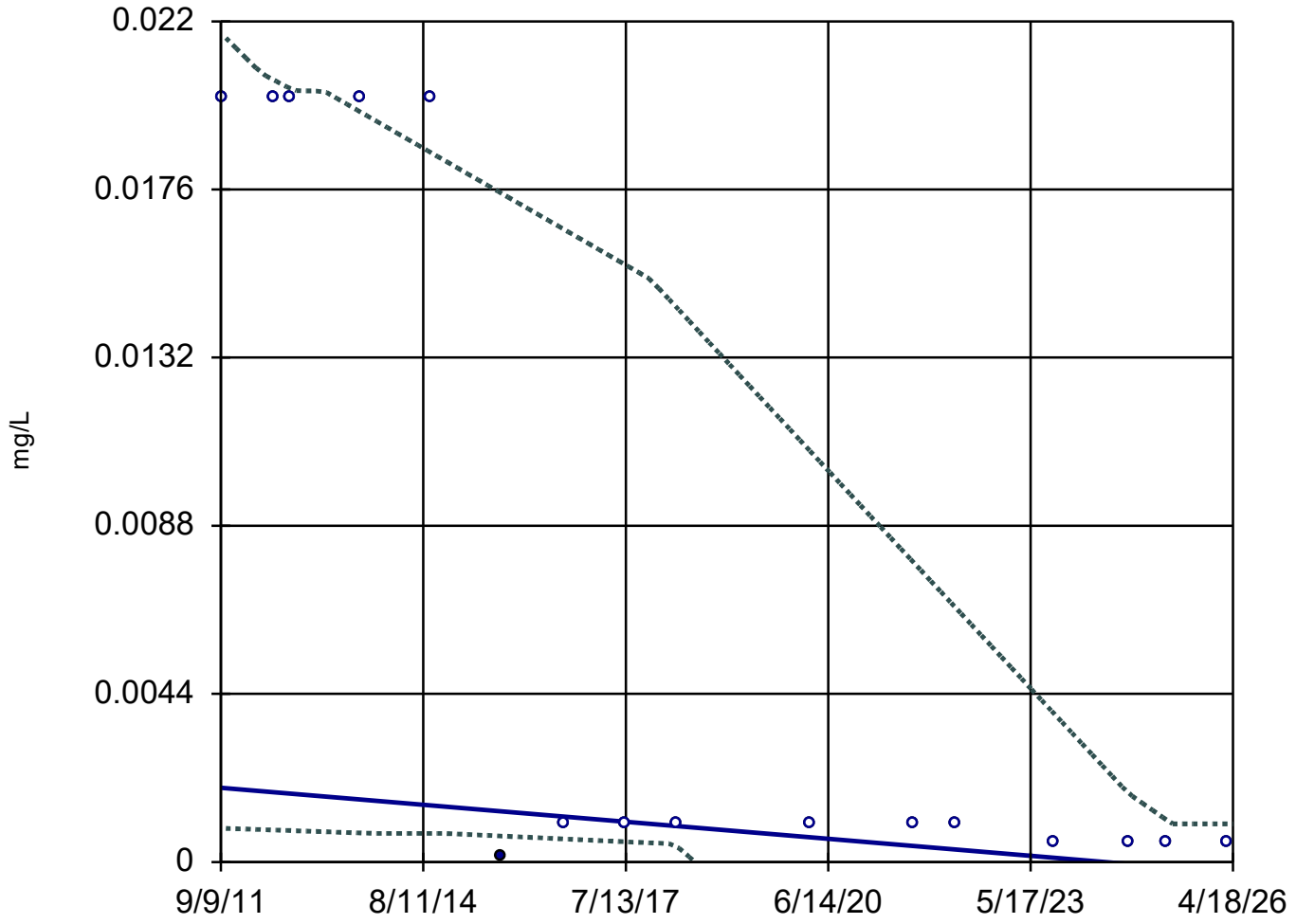
Constituent: Selenium Analysis Run 8/19/2026 1:12 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

GU-3A



n = 16

Slope = -0.000152 units per year.

Mann-Kendall statistic = -69
critical = -45

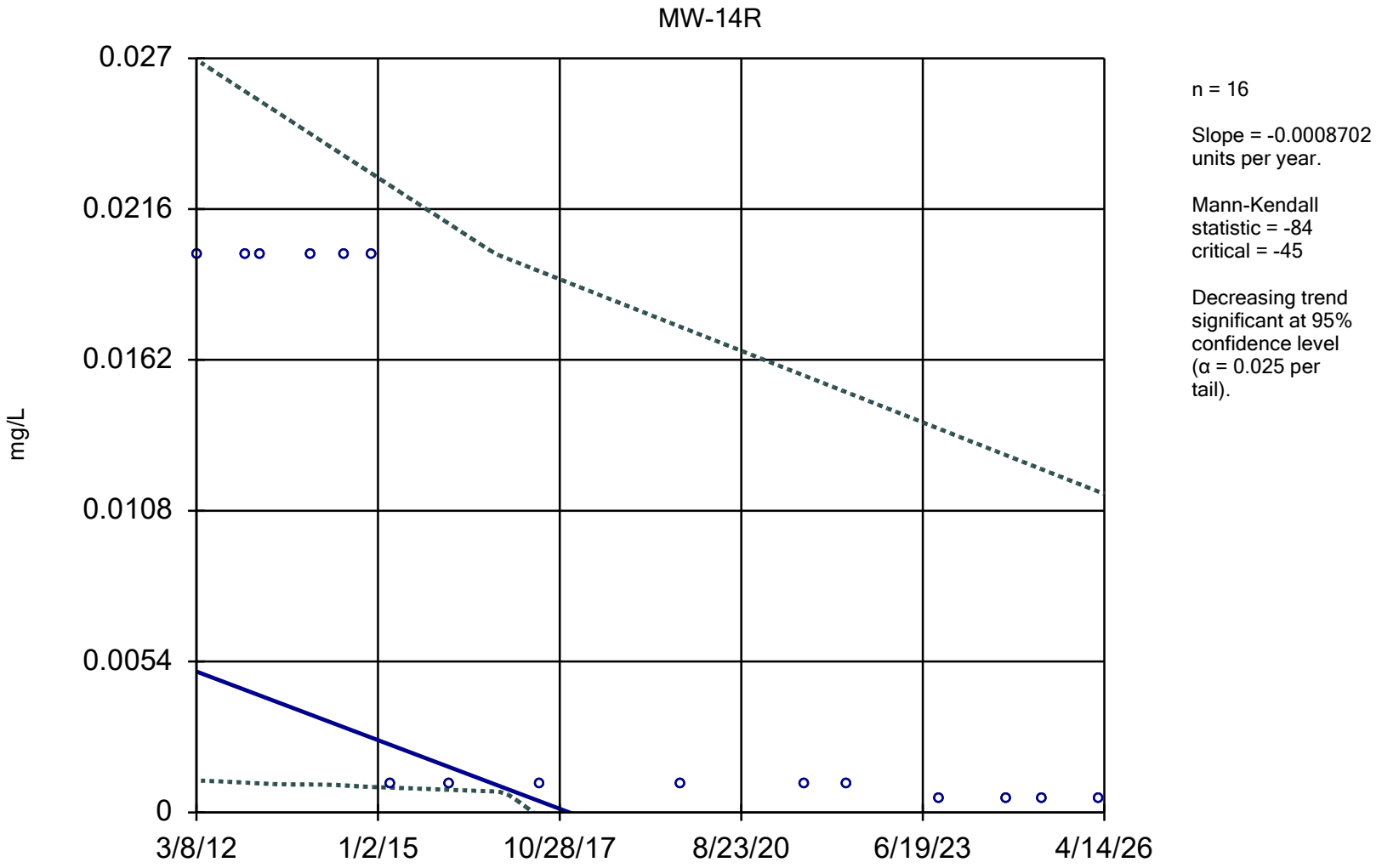
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Silver Analysis Run 8/19/2026 1:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



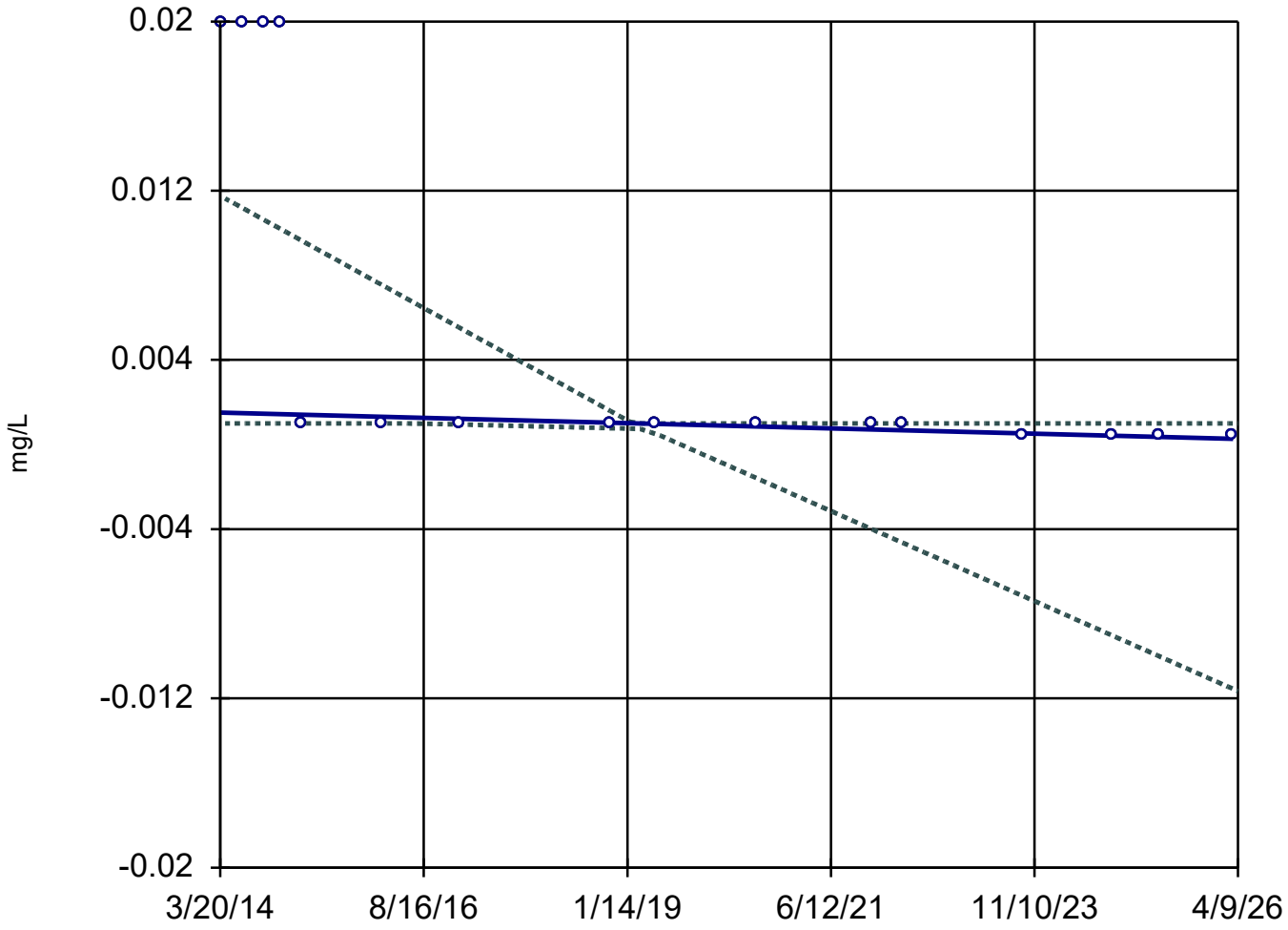
Constituent: Silver Analysis Run 8/19/2026 1:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-18



n = 16

Slope = -0.0001036 units per year.

Mann-Kendall statistic = -80
critical = -45

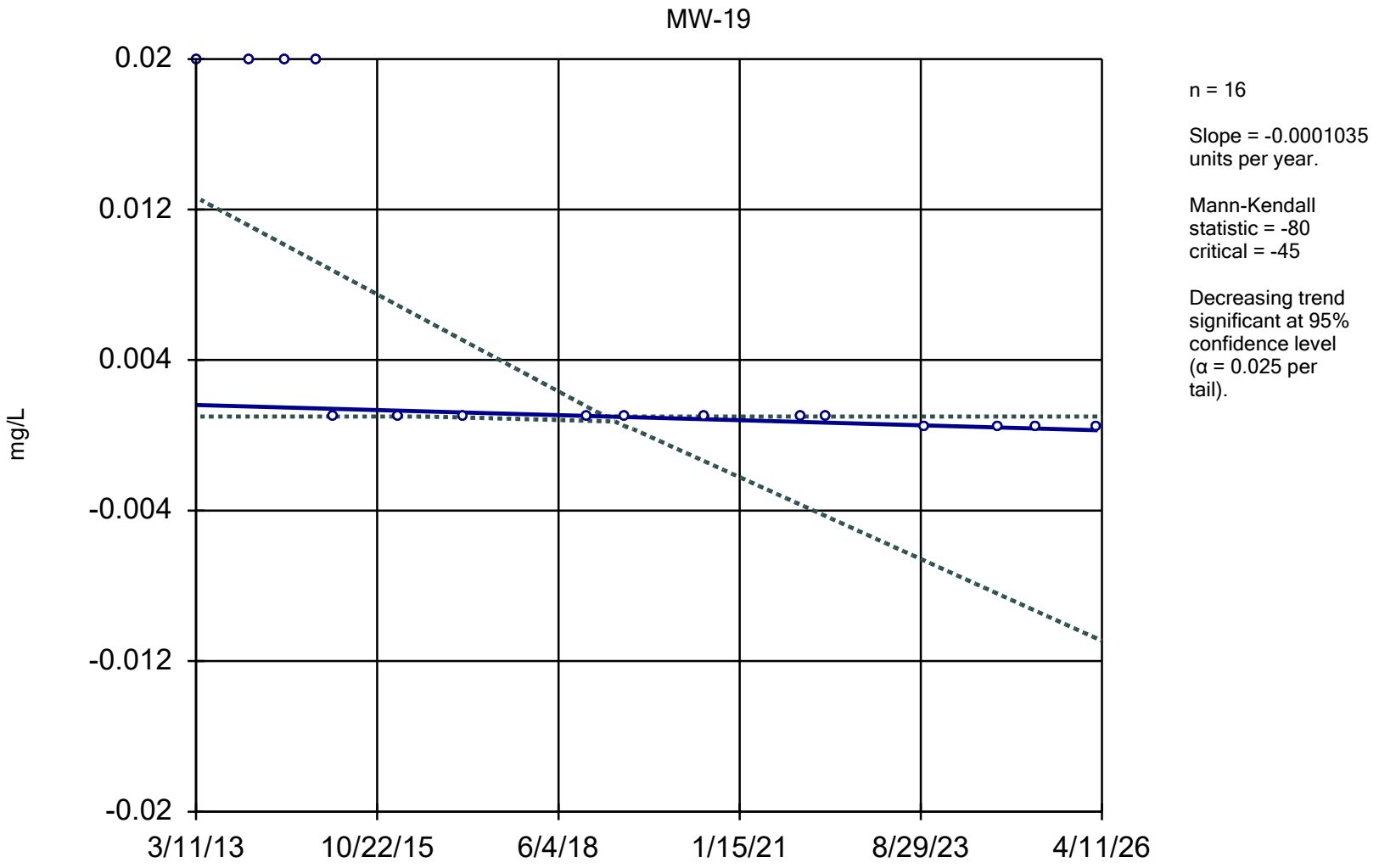
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Silver Analysis Run 8/19/2026 1:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

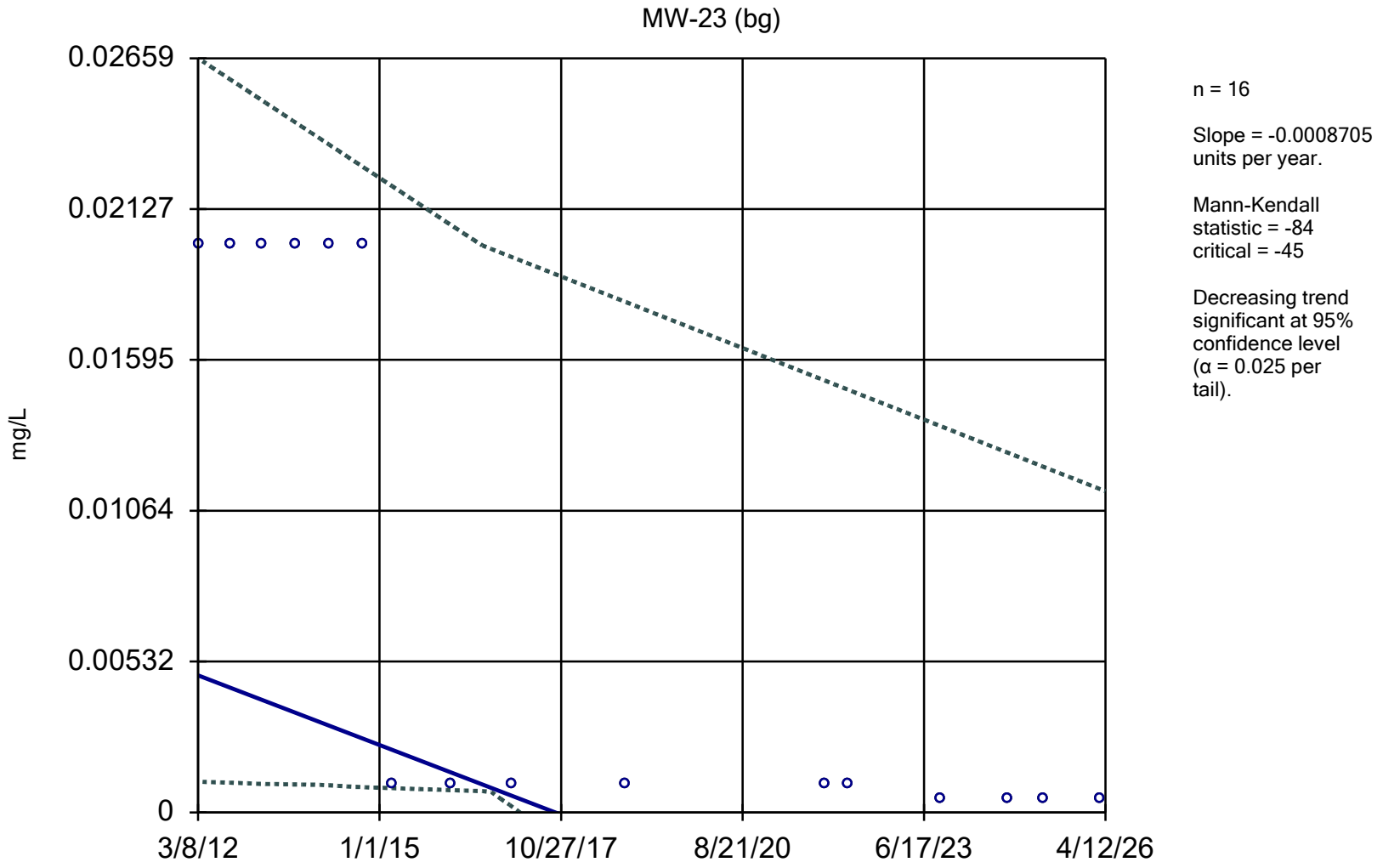


Constituent: Silver Analysis Run 8/19/2026 1:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

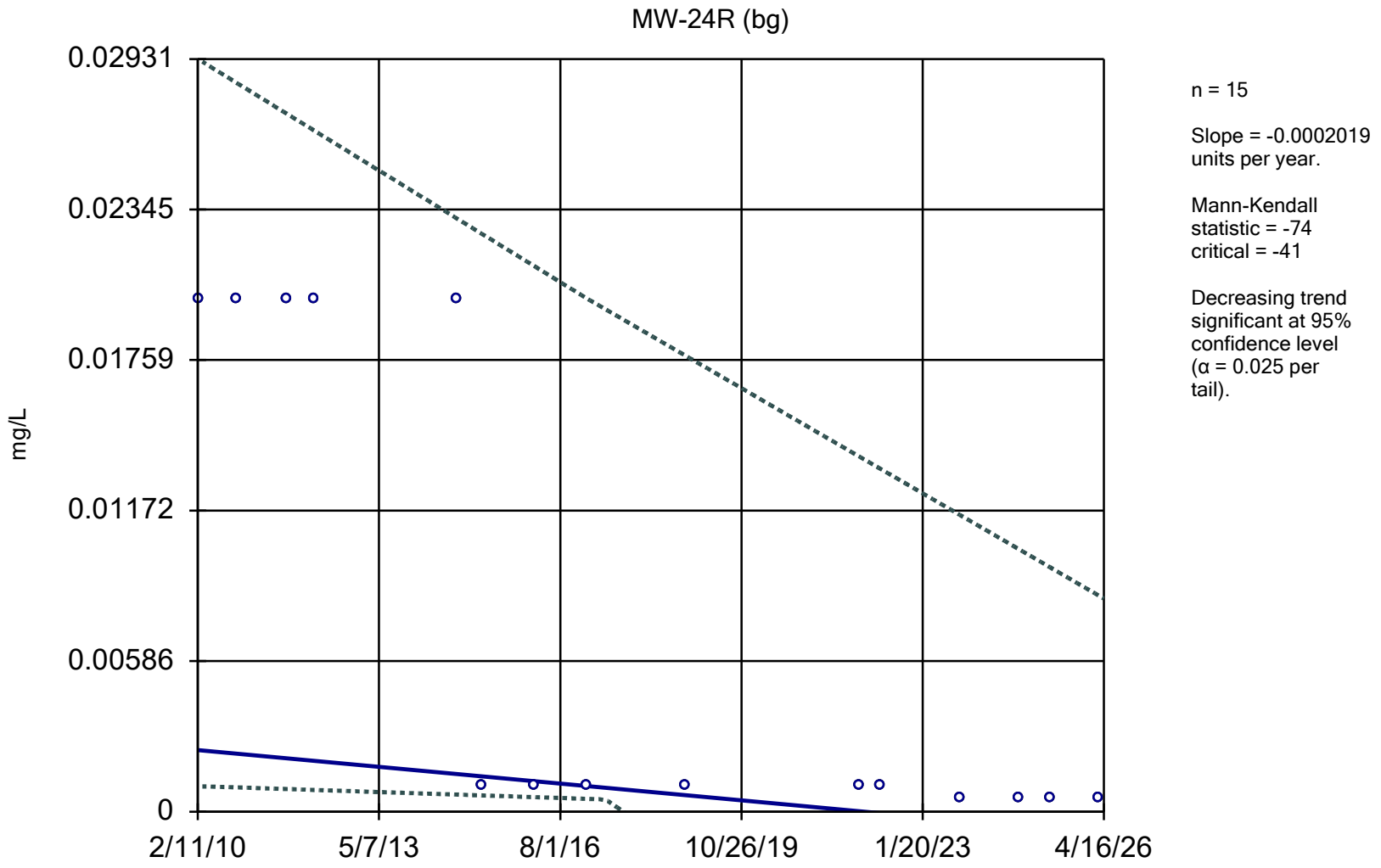


Constituent: Silver Analysis Run 8/19/2026 1:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



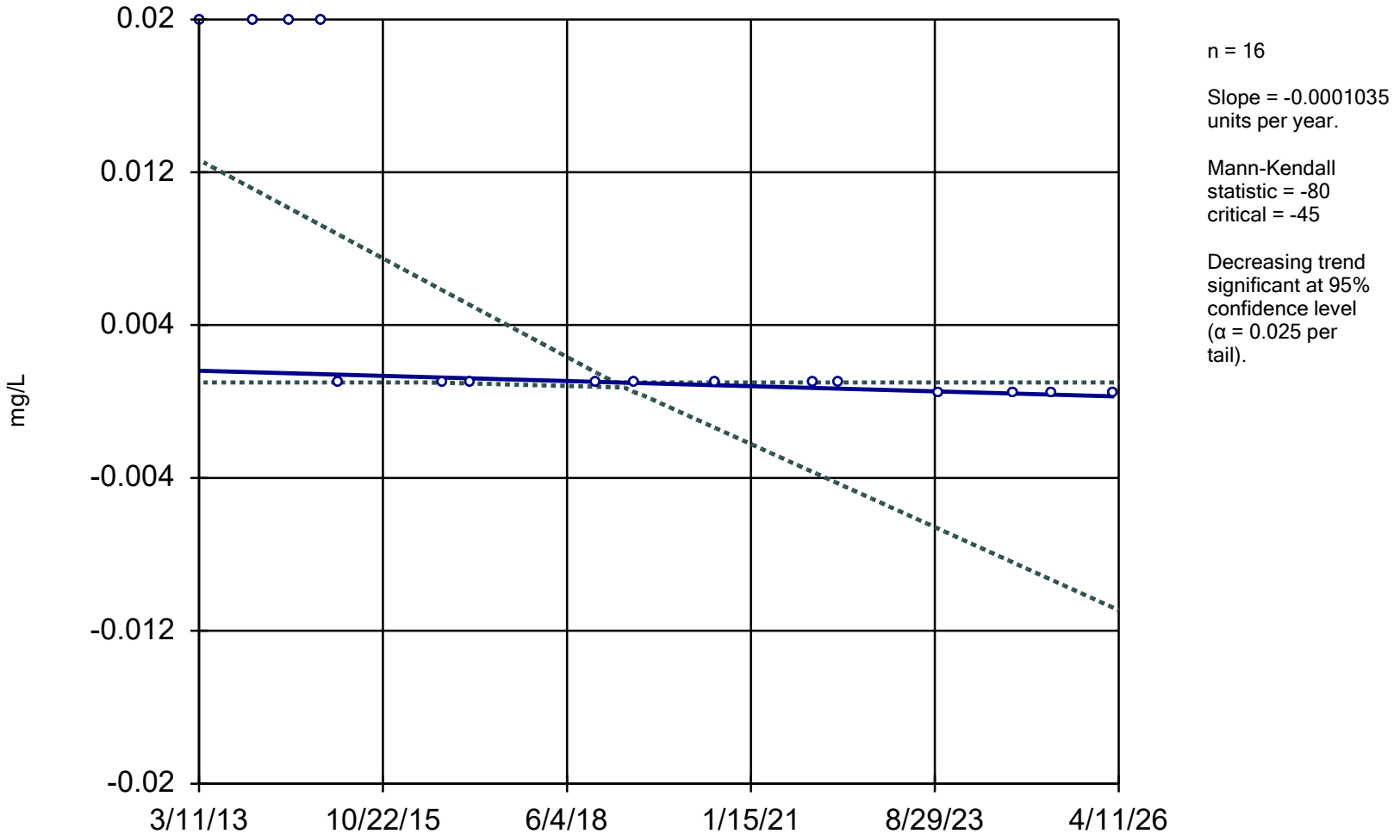
Constituent: Silver Analysis Run 8/19/2026 1:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-28



n = 16

Slope = -0.0001035 units per year.

Mann-Kendall statistic = -80
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

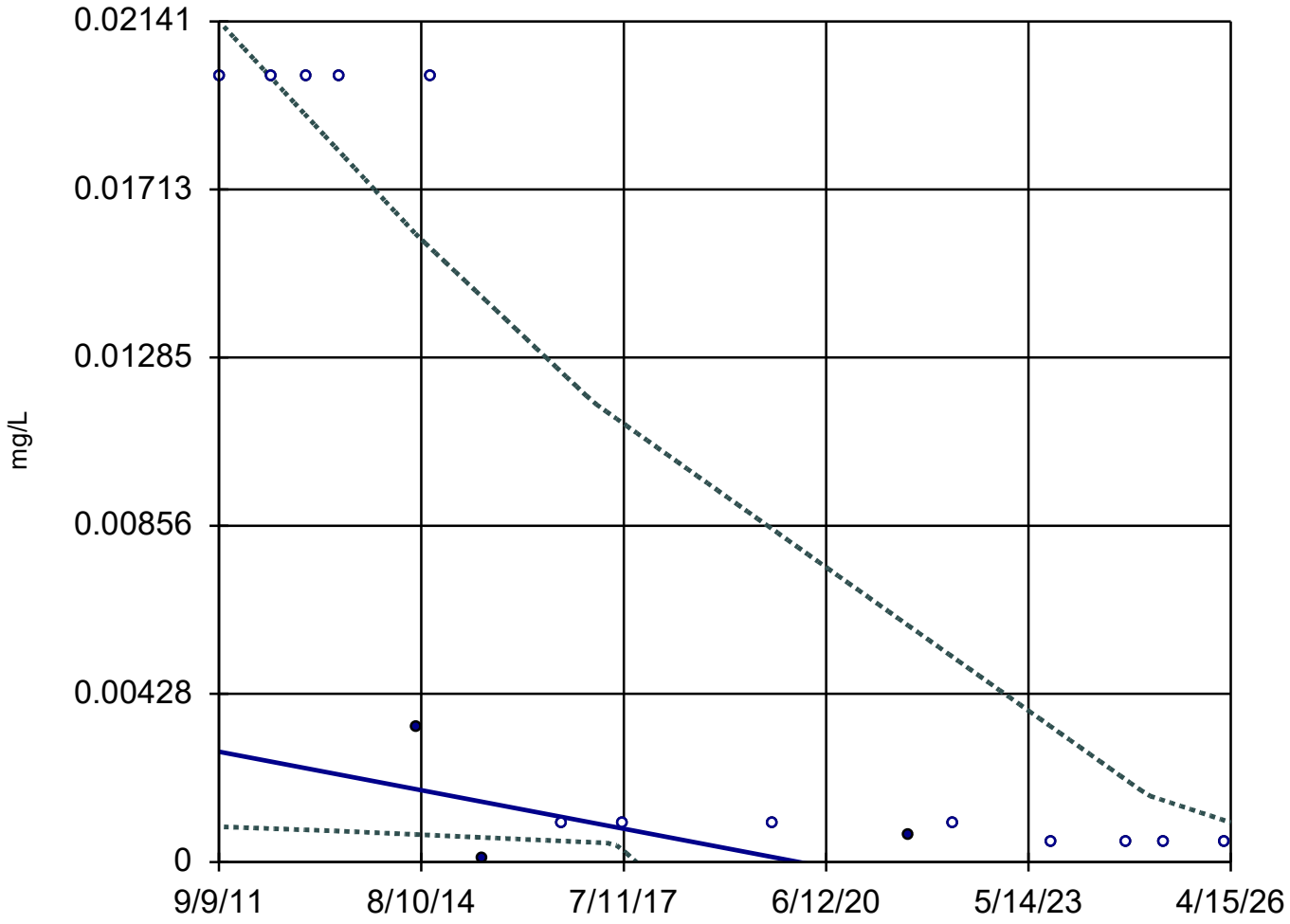
Constituent: Silver Analysis Run 8/19/2026 1:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-29



n = 16

Slope = -0.0003357 units per year.

Mann-Kendall statistic = -76
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

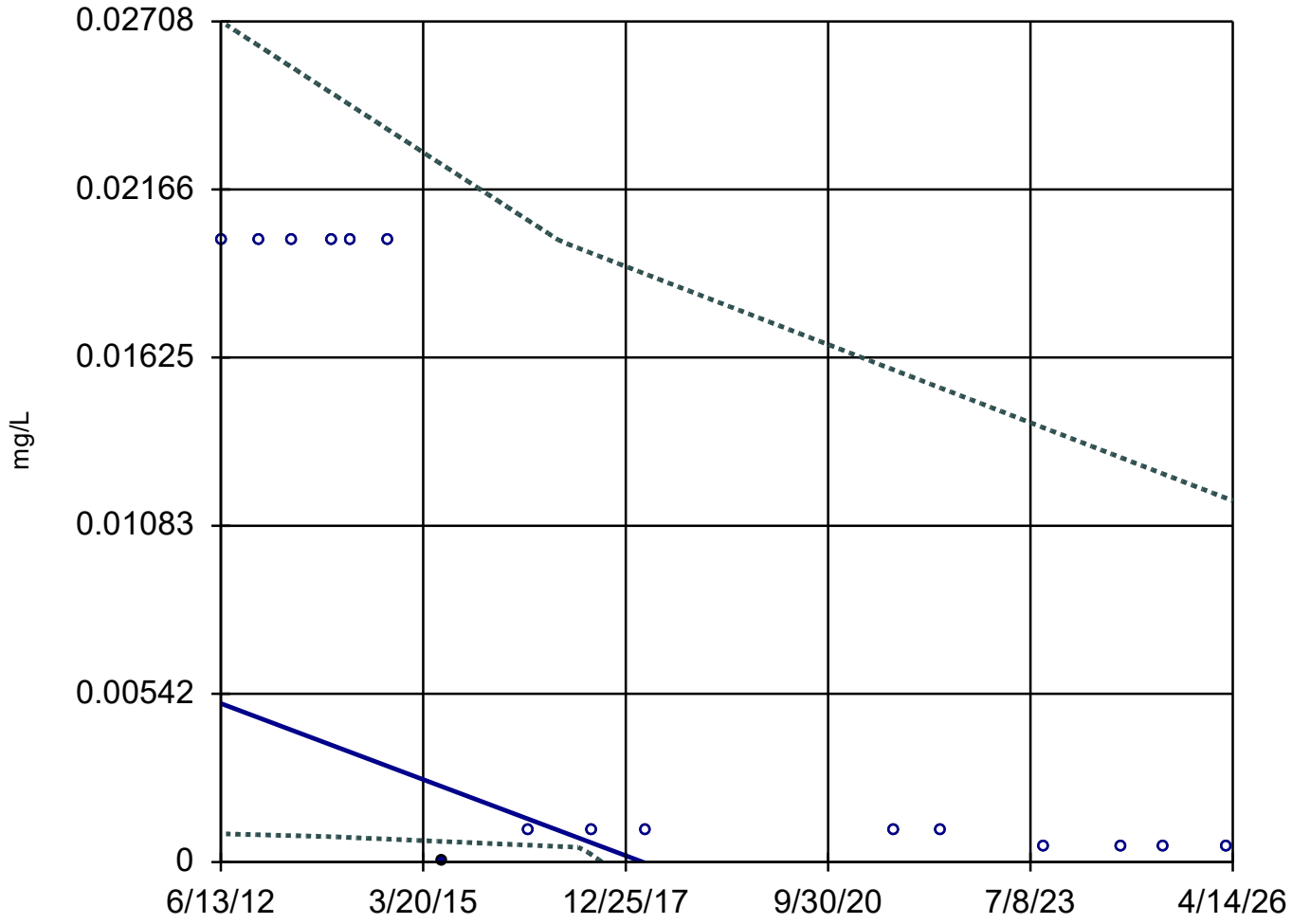
Constituent: Silver Analysis Run 8/19/2026 1:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-30R



n = 16

Slope = -0.0008843 units per year.

Mann-Kendall statistic = -71
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

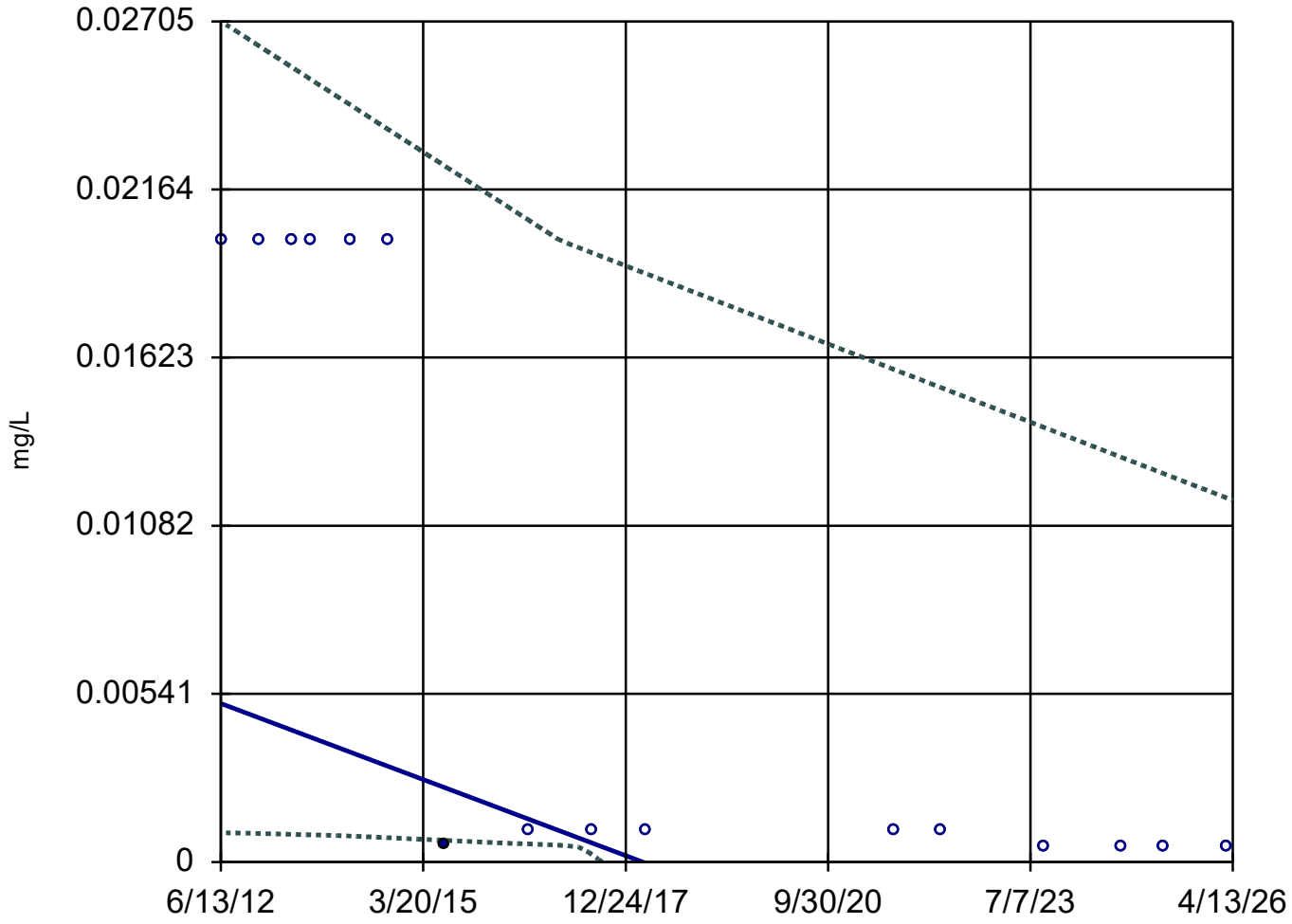
Constituent: Silver Analysis Run 8/19/2026 1:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-31R



n = 16

Slope = -0.0008841 units per year.

Mann-Kendall statistic = -79
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

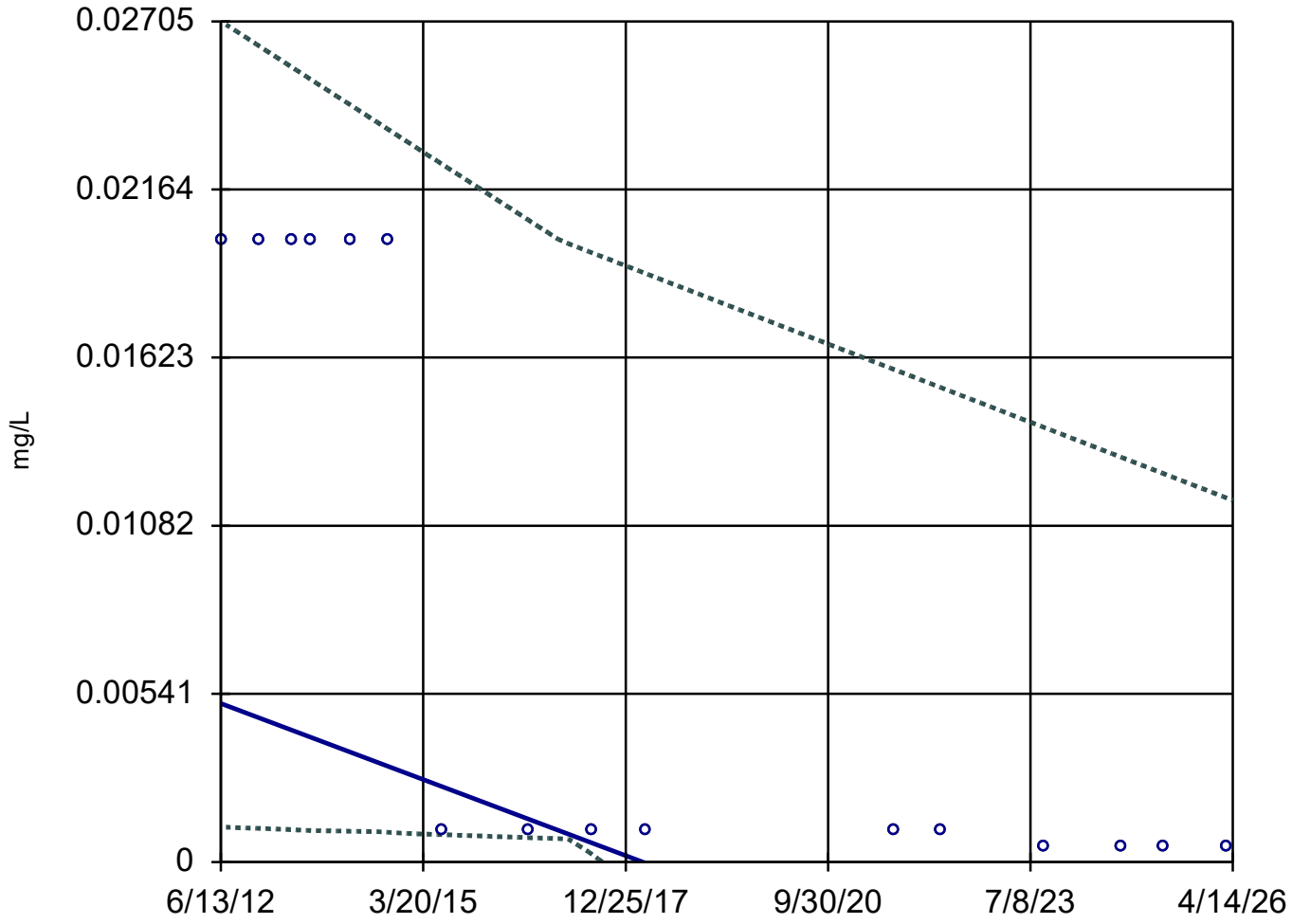
Constituent: Silver Analysis Run 8/19/2026 1:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-32R



n = 16

Slope = -0.0008843 units per year.

Mann-Kendall statistic = -84
critical = -45

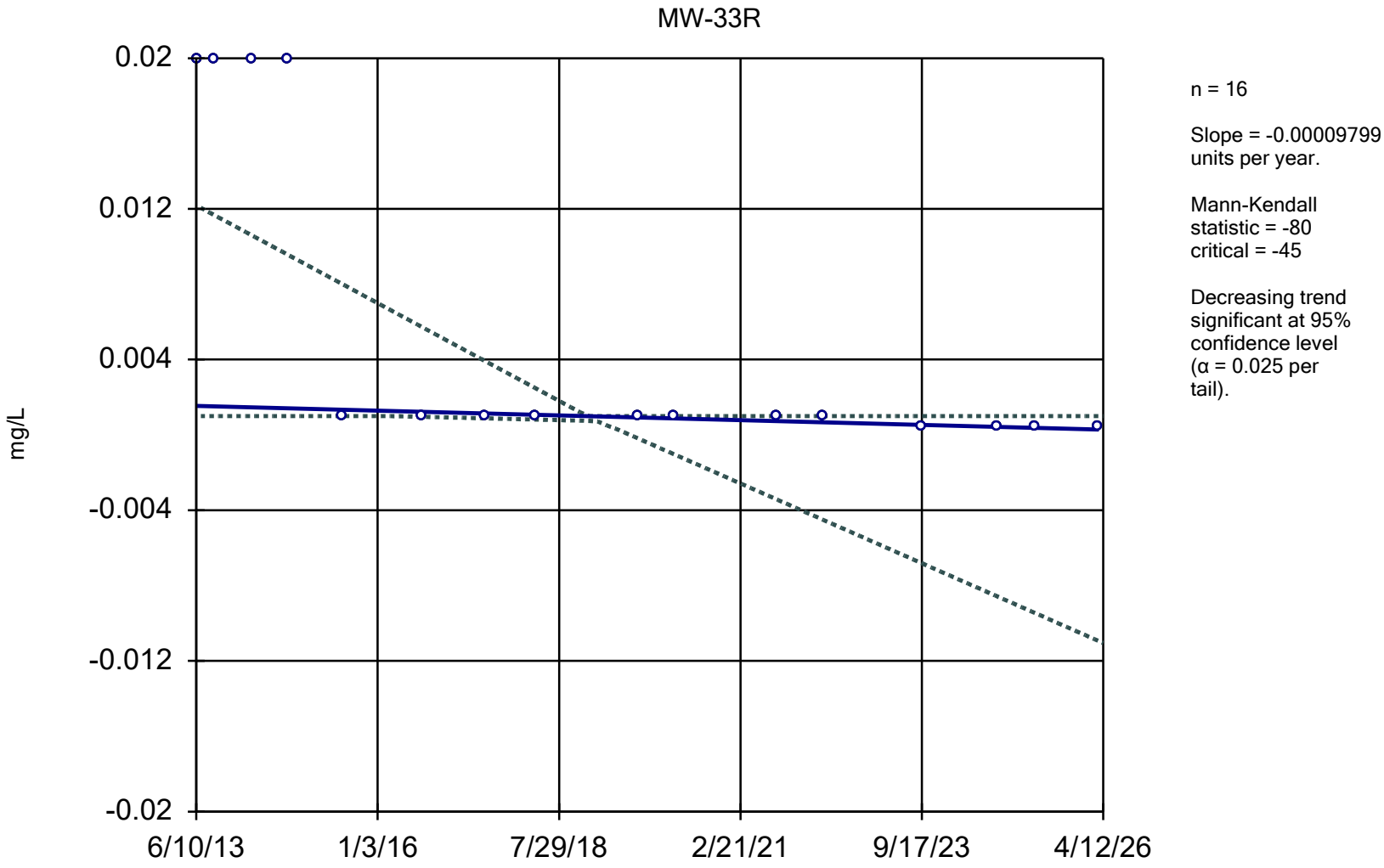
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Silver Analysis Run 8/19/2026 1:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 16

Slope = -0.00009799 units per year.

Mann-Kendall statistic = -80
critical = -45

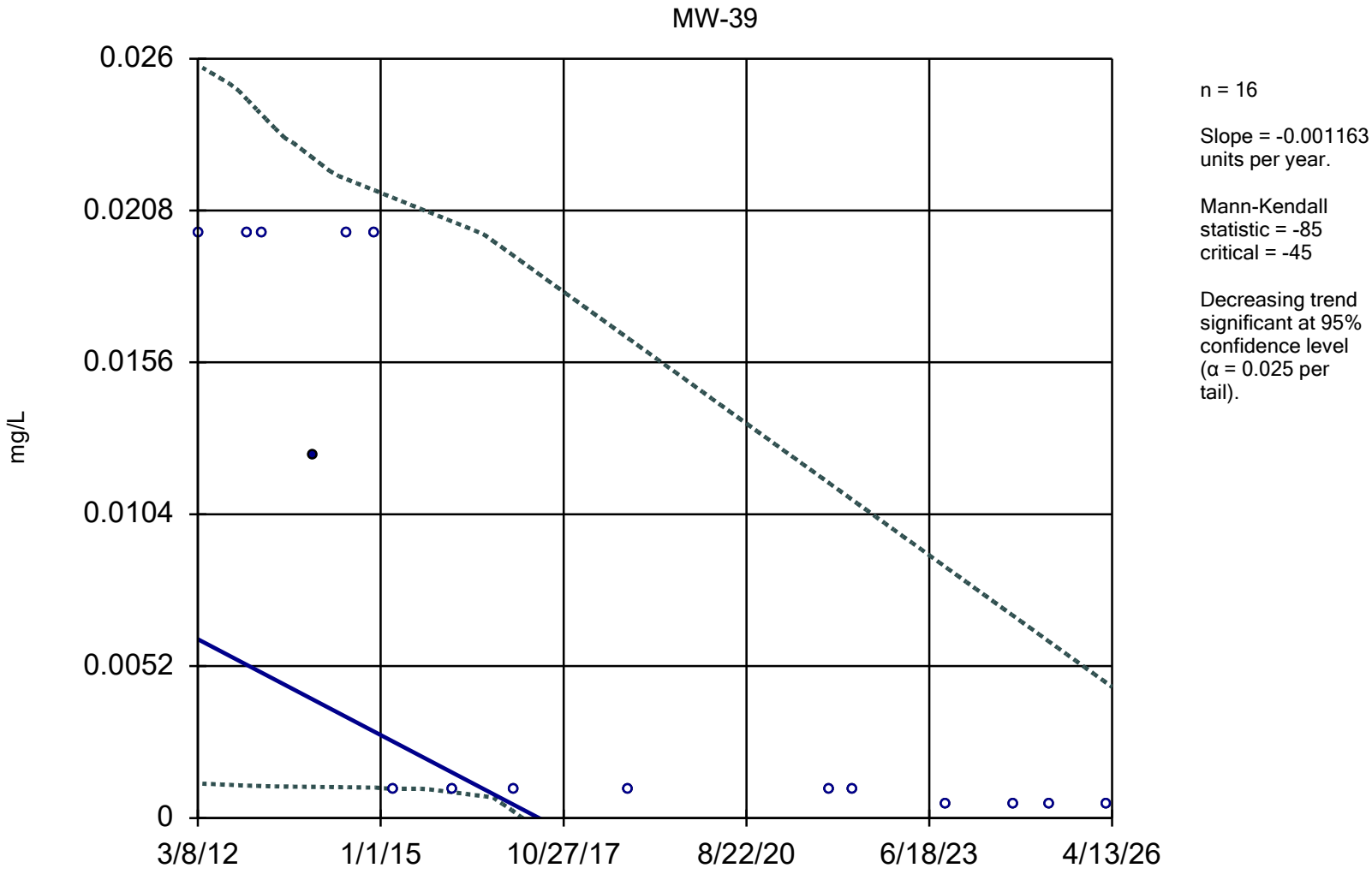
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Silver Analysis Run 8/19/2026 1:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

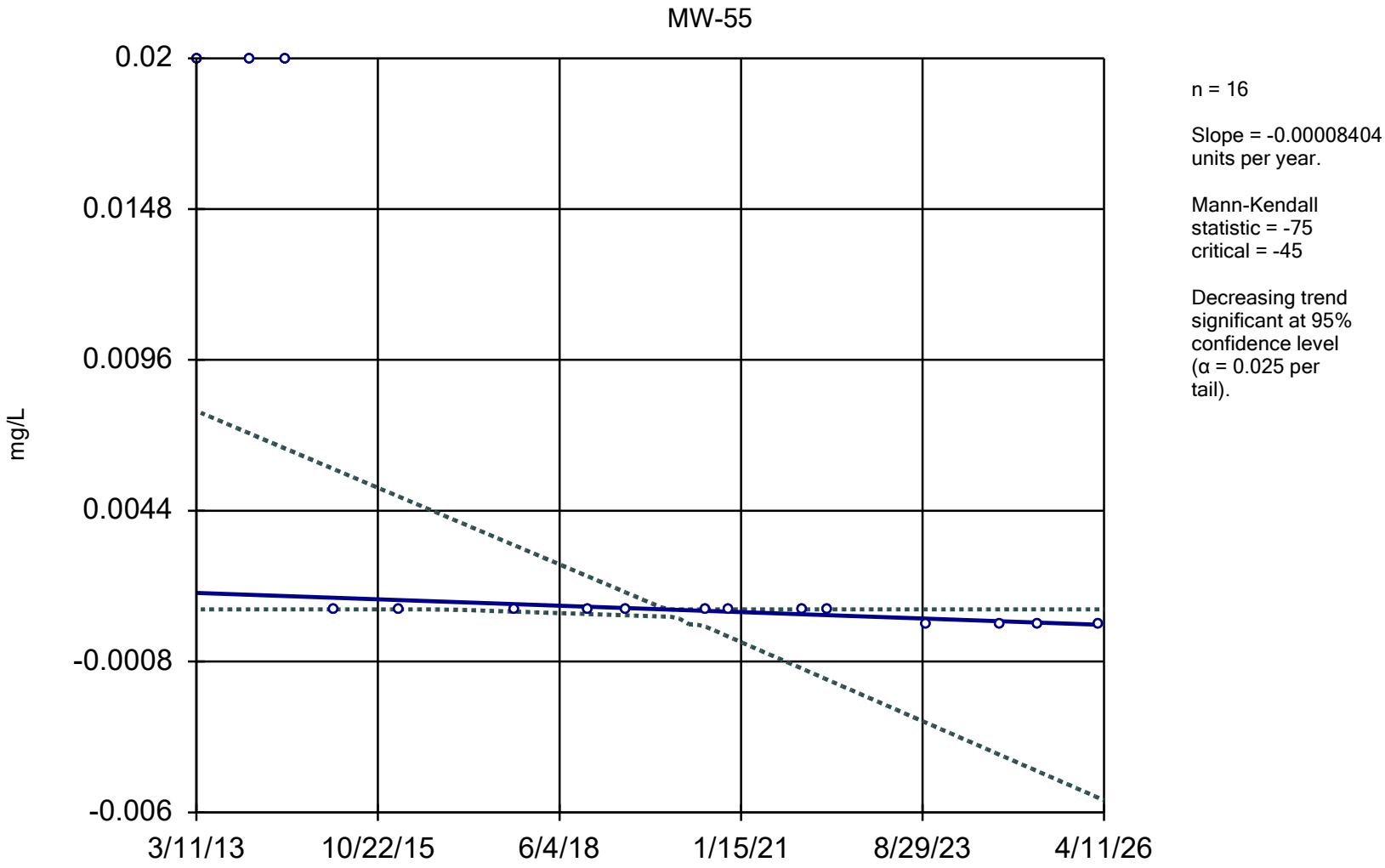


Constituent: Silver Analysis Run 8/19/2026 1:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



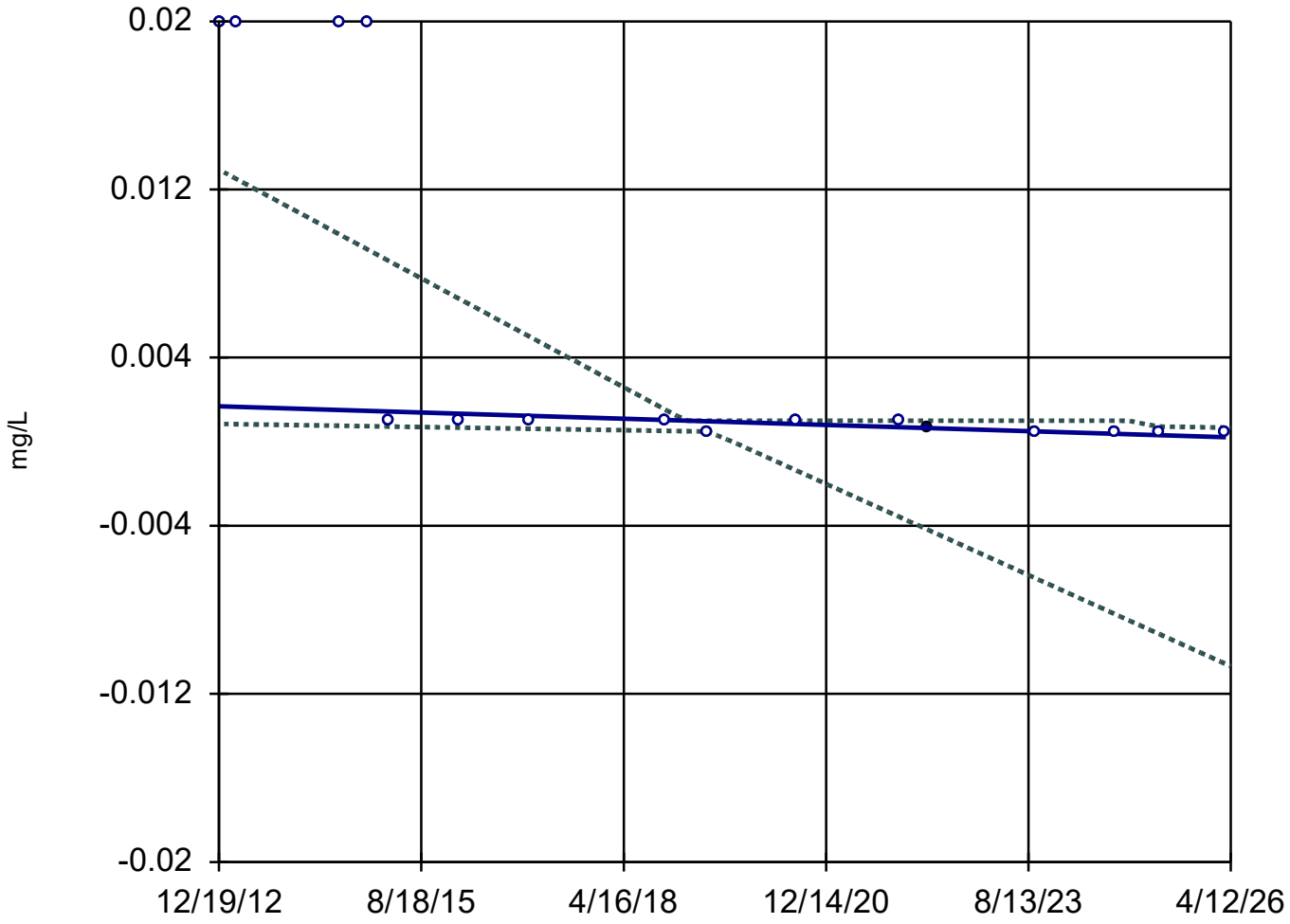
Constituent: Silver Analysis Run 8/19/2026 1:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-56



n = 16

Slope = -0.0001116 units per year.

Mann-Kendall statistic = -83
critical = -45

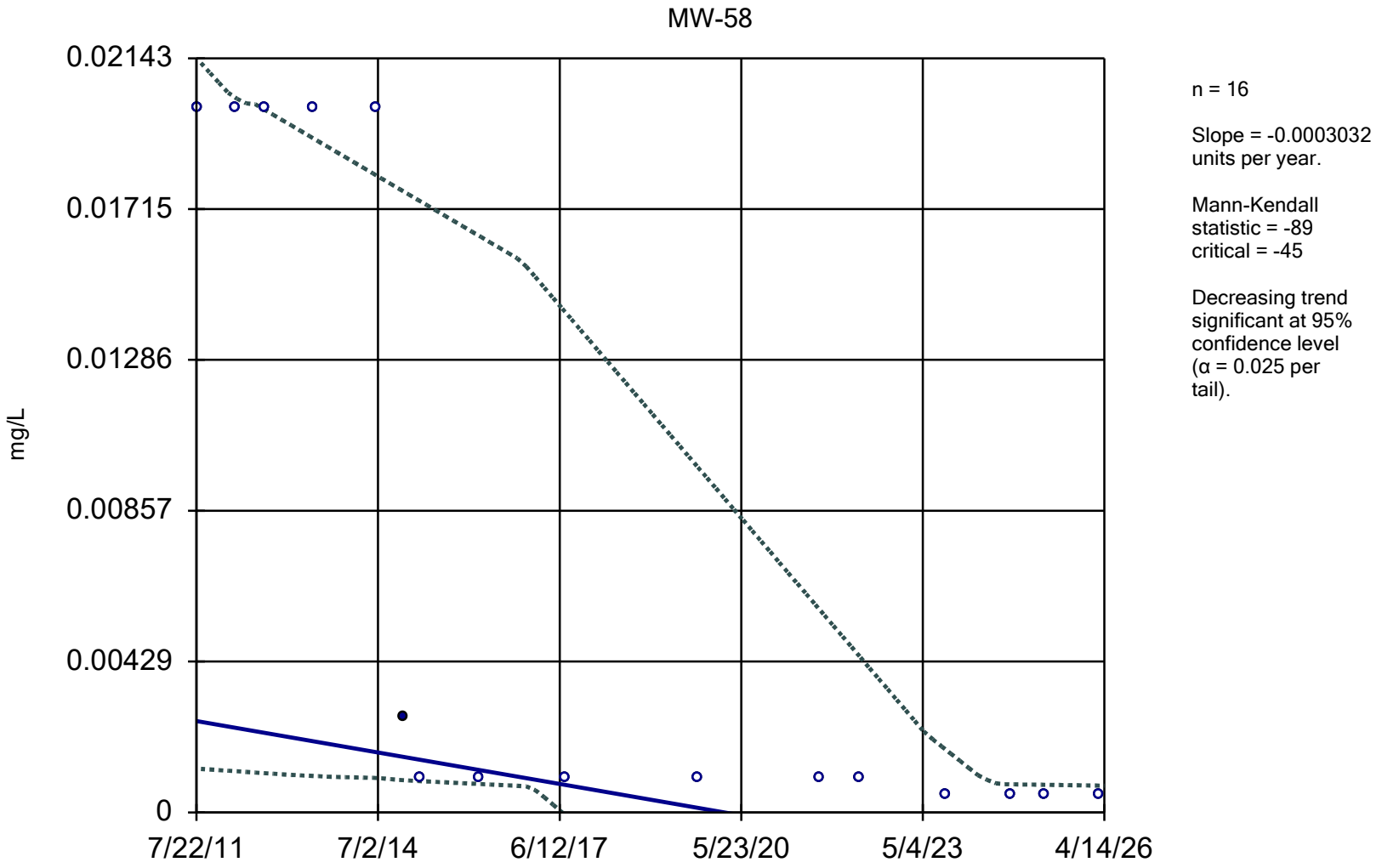
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Silver Analysis Run 8/19/2026 1:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



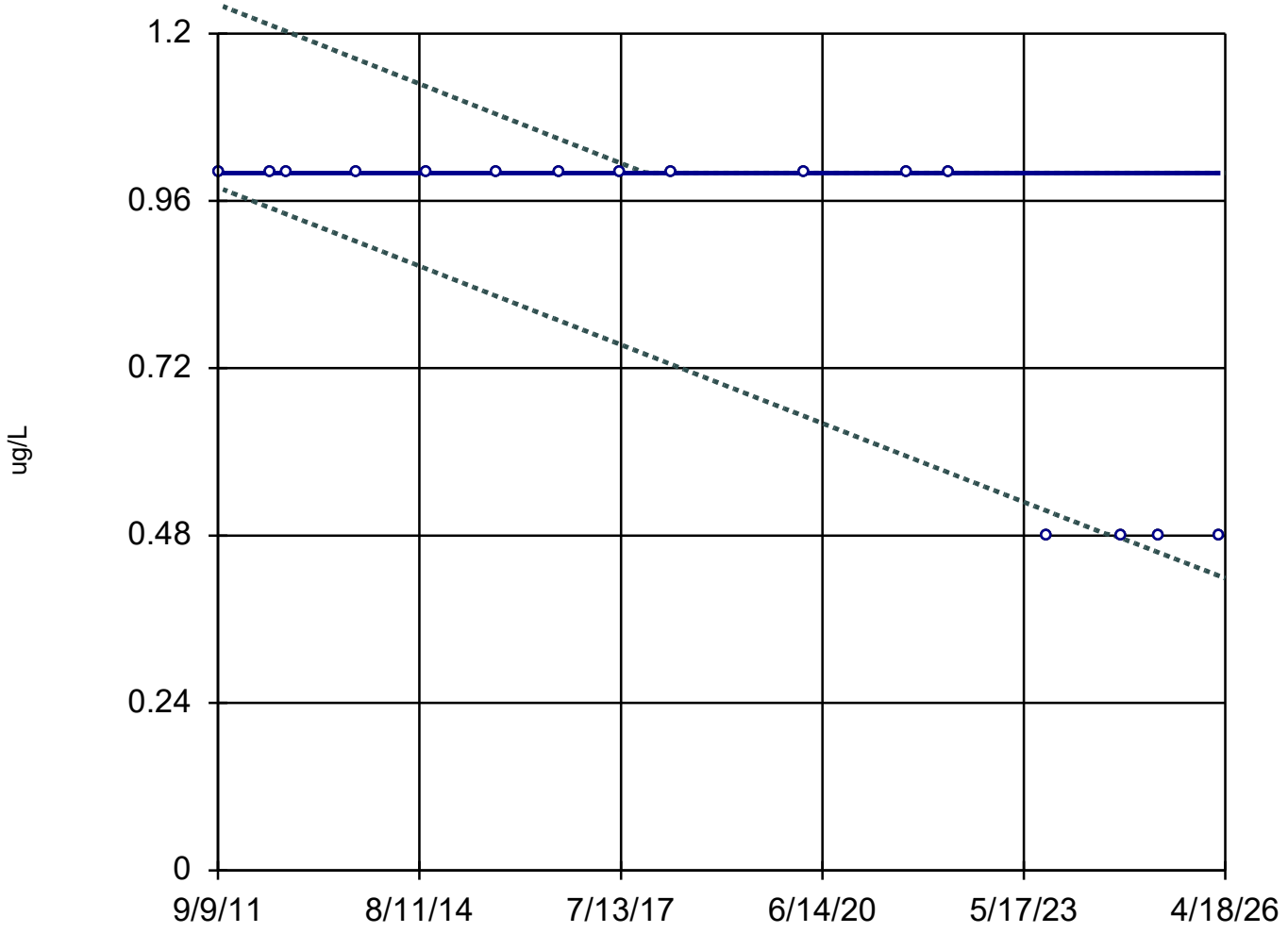
Constituent: Silver Analysis Run 8/19/2026 1:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

GU-3A



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

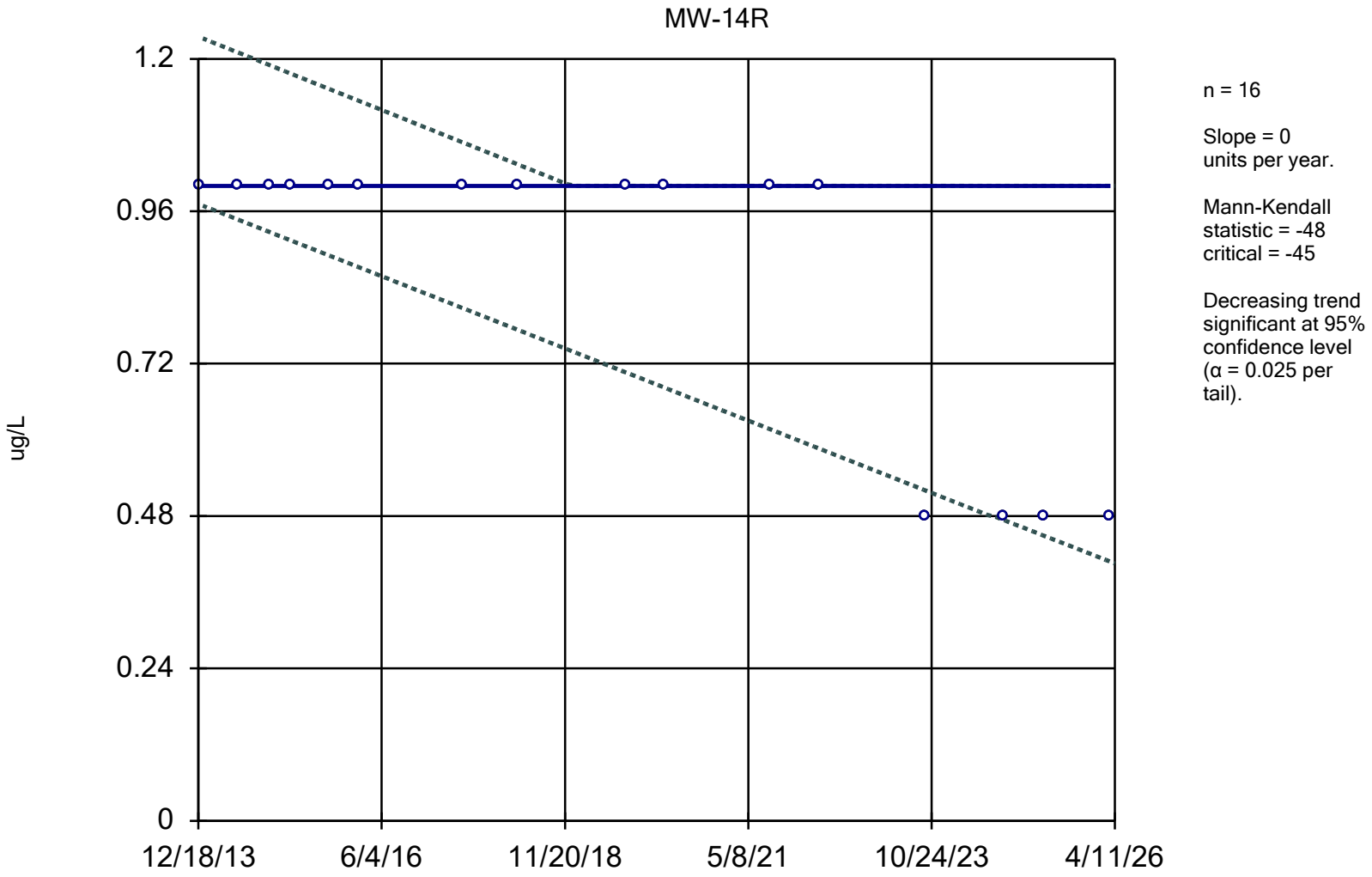
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Tetrachloroethene Analysis Run 8/19/2026 1:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



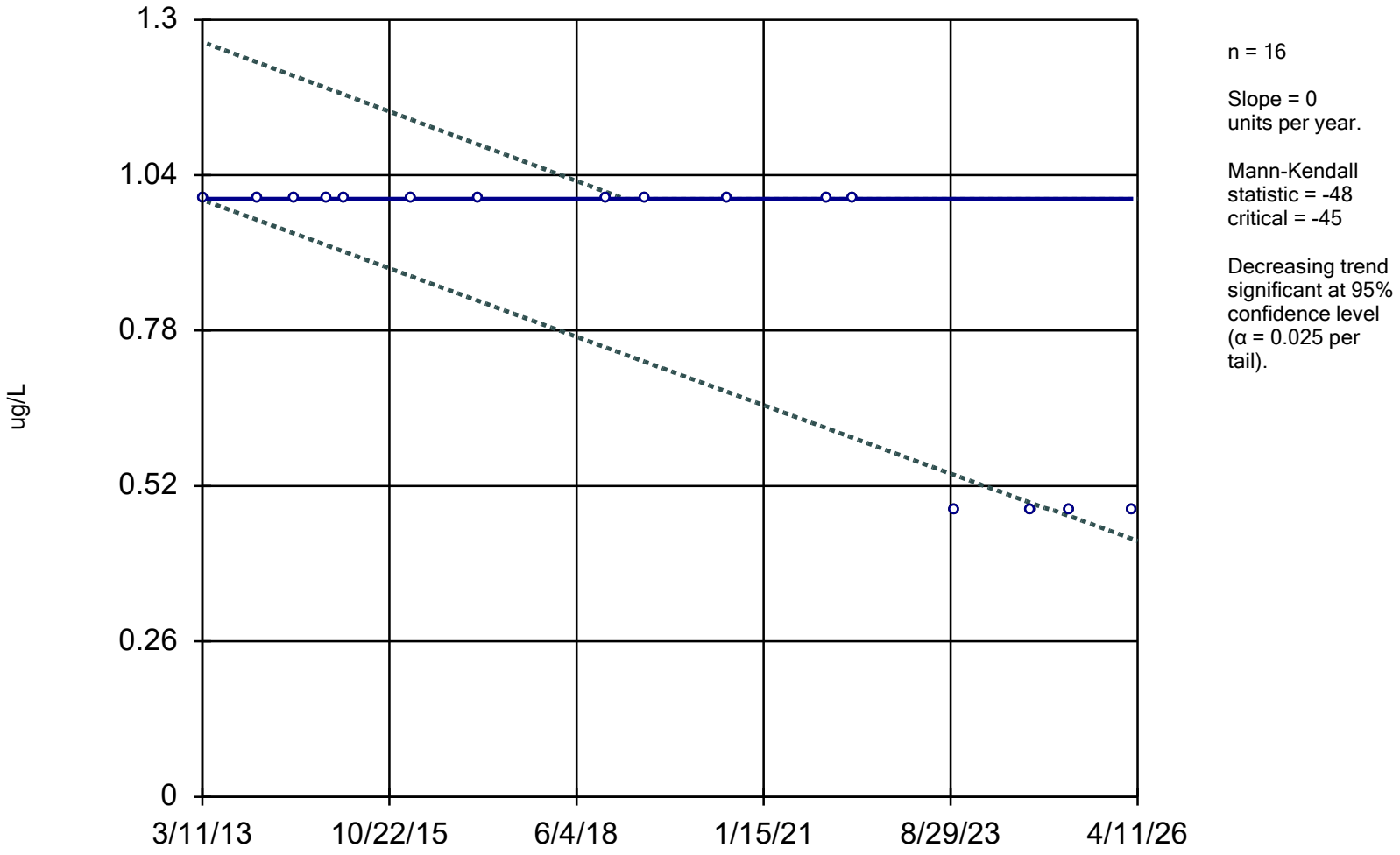
Constituent: Tetrachloroethene Analysis Run 8/19/2026 1:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-19



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

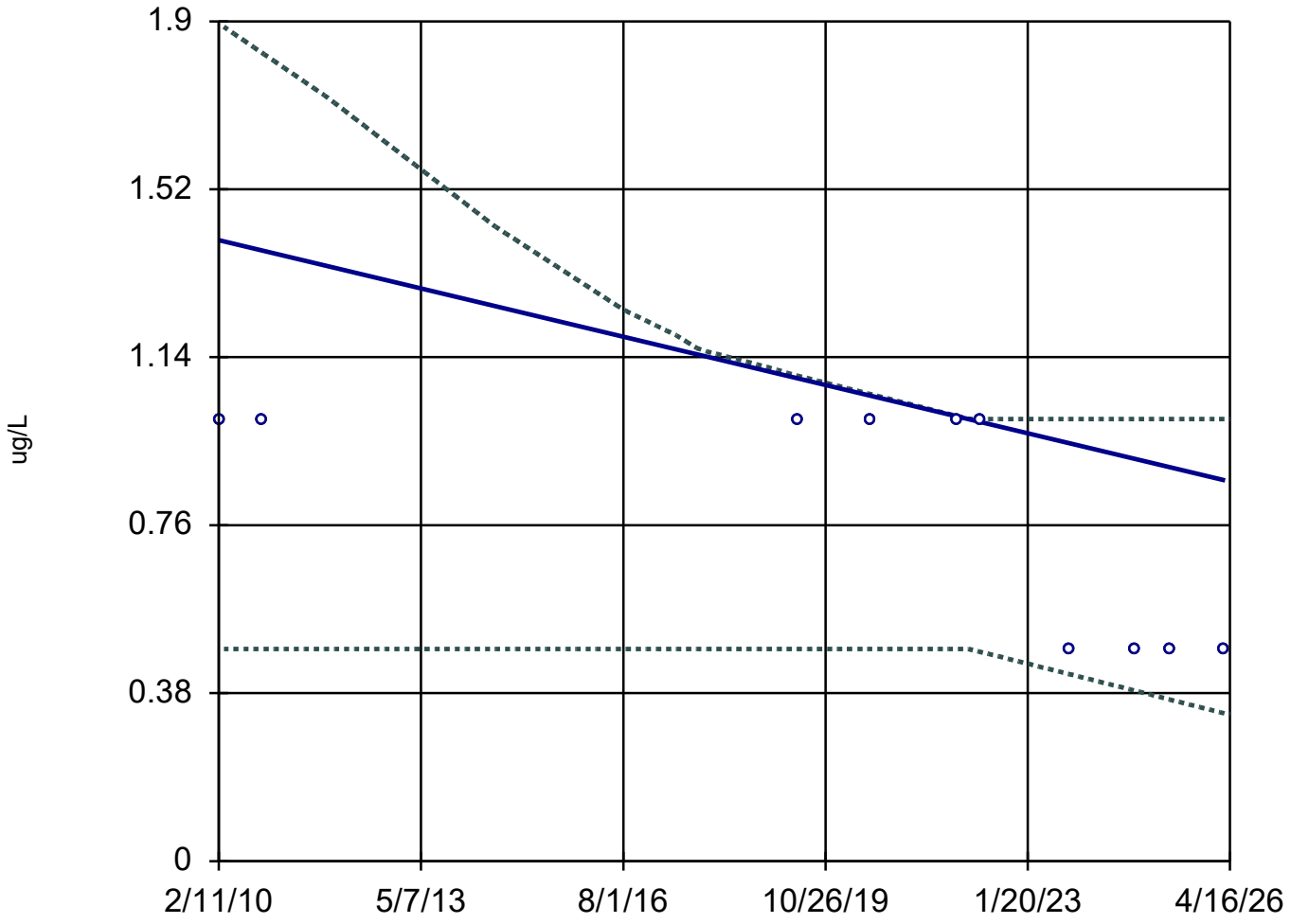
Constituent: Tetrachloroethene Analysis Run 8/19/2026 1:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-24R (bg)



n = 10

Slope = -0.03374 units per year.

Mann-Kendall statistic = -24
critical = -23

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

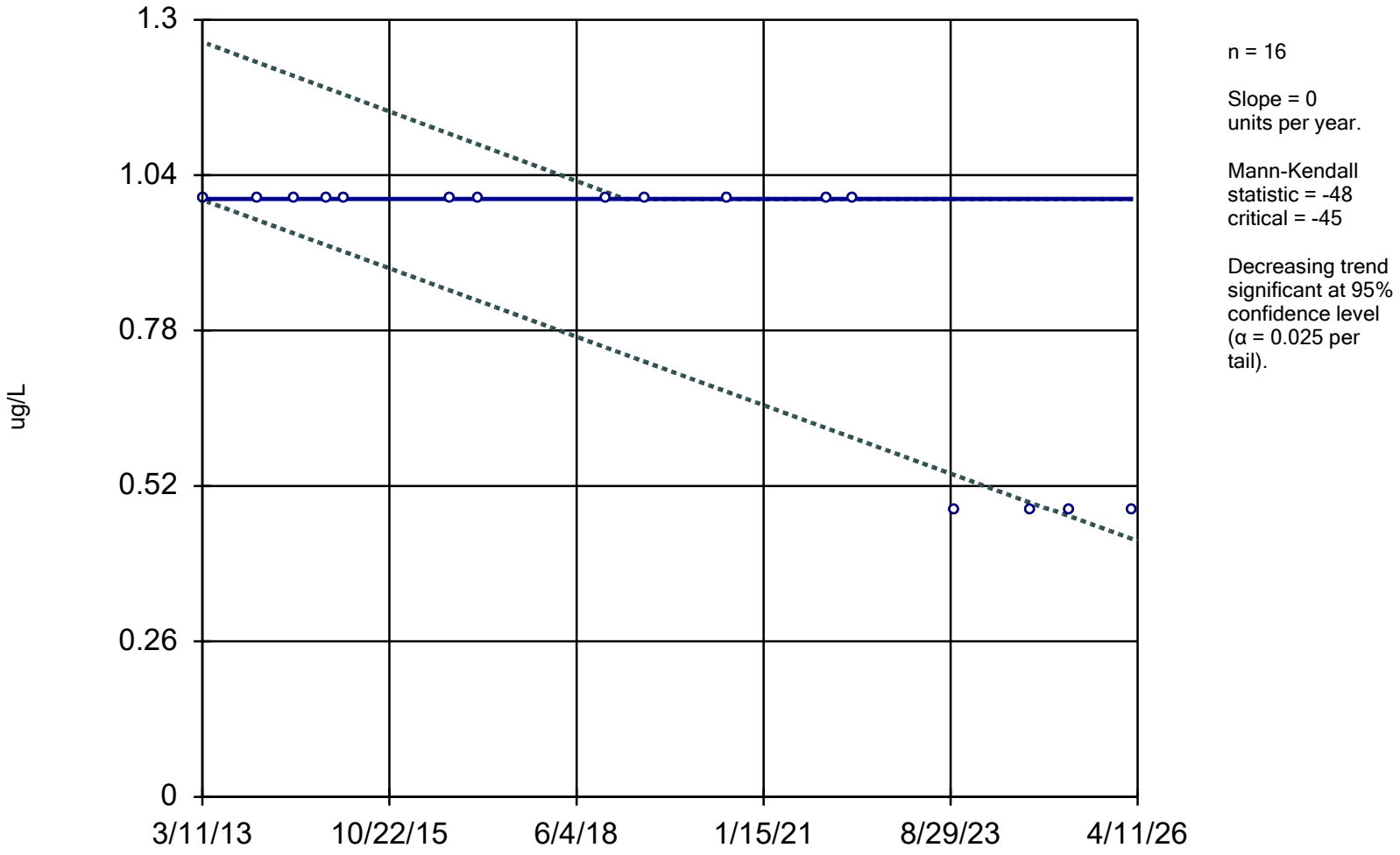
Constituent: Tetrachloroethene Analysis Run 8/19/2026 1:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-28



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

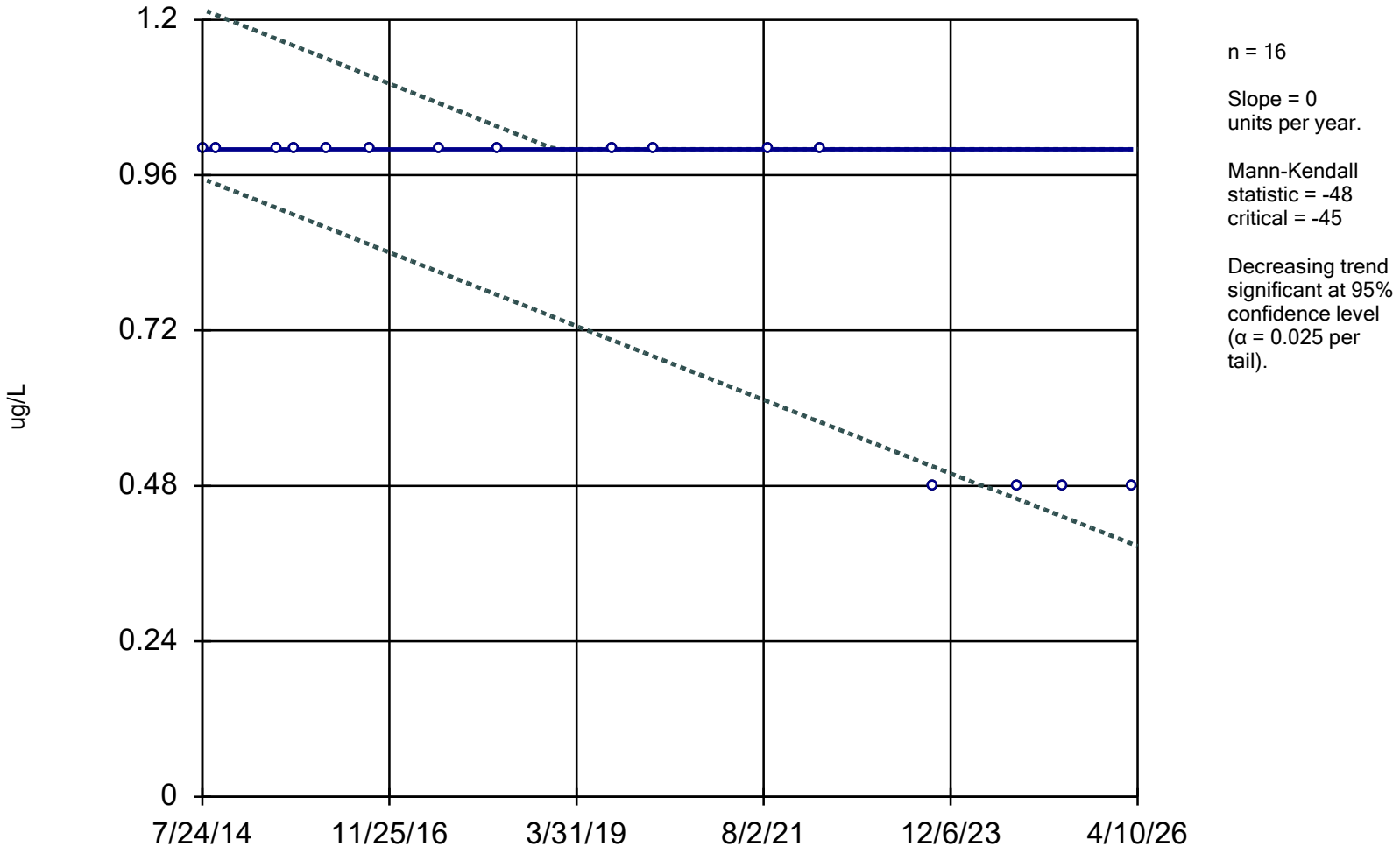
Constituent: Tetrachloroethene Analysis Run 8/19/2026 1:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-29



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

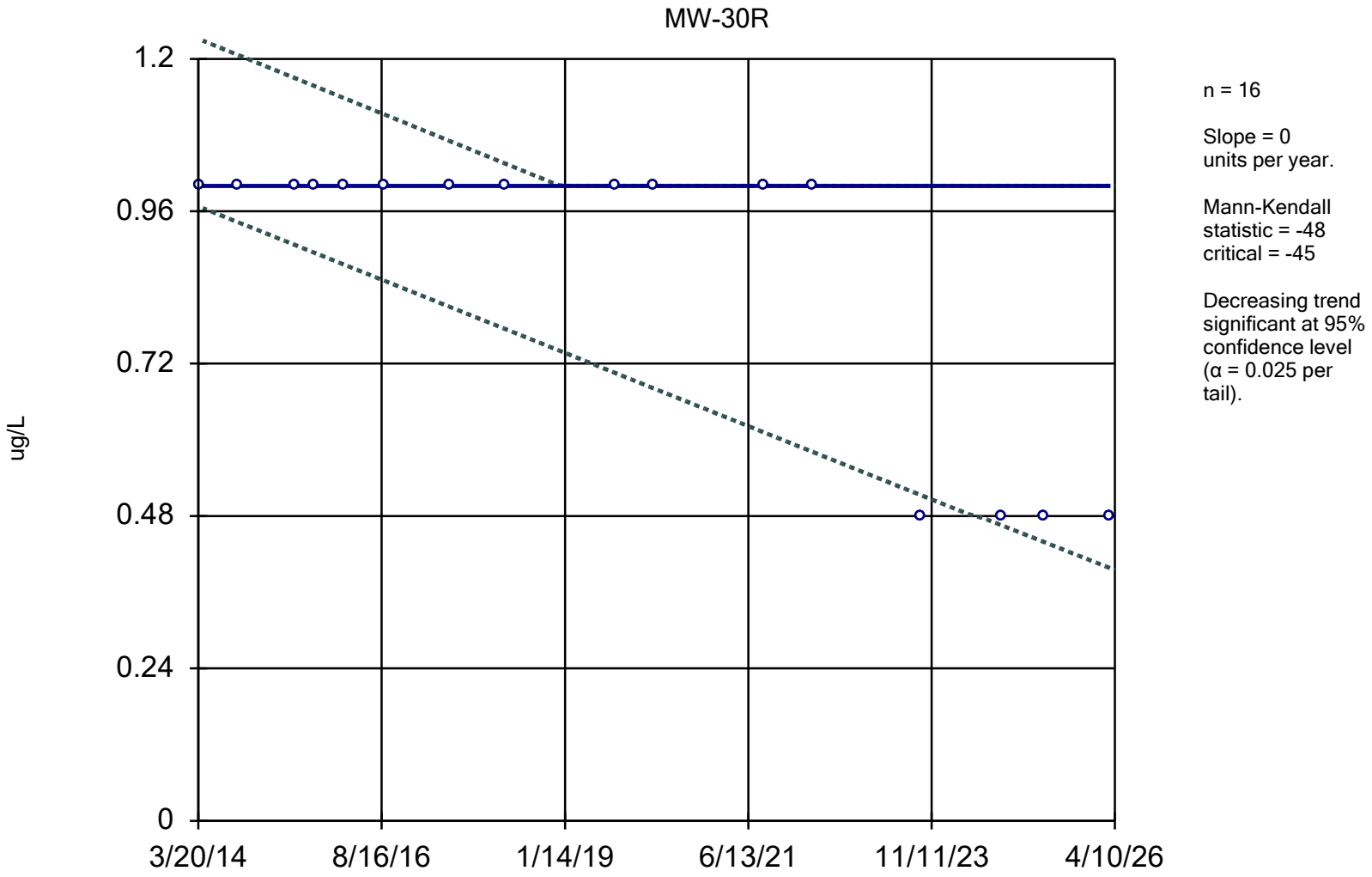
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Tetrachloroethene Analysis Run 8/19/2026 1:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

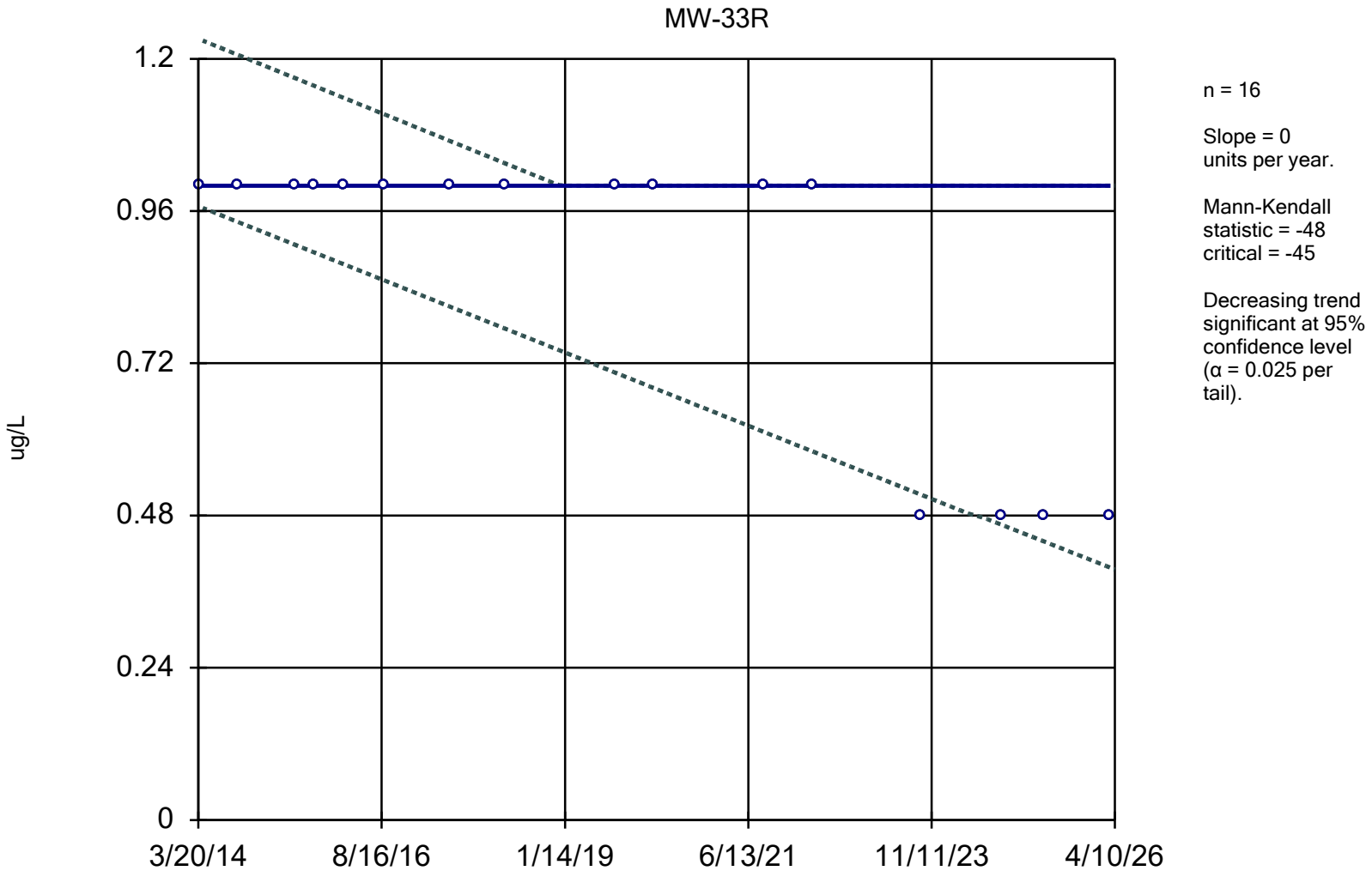


Constituent: Tetrachloroethene Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



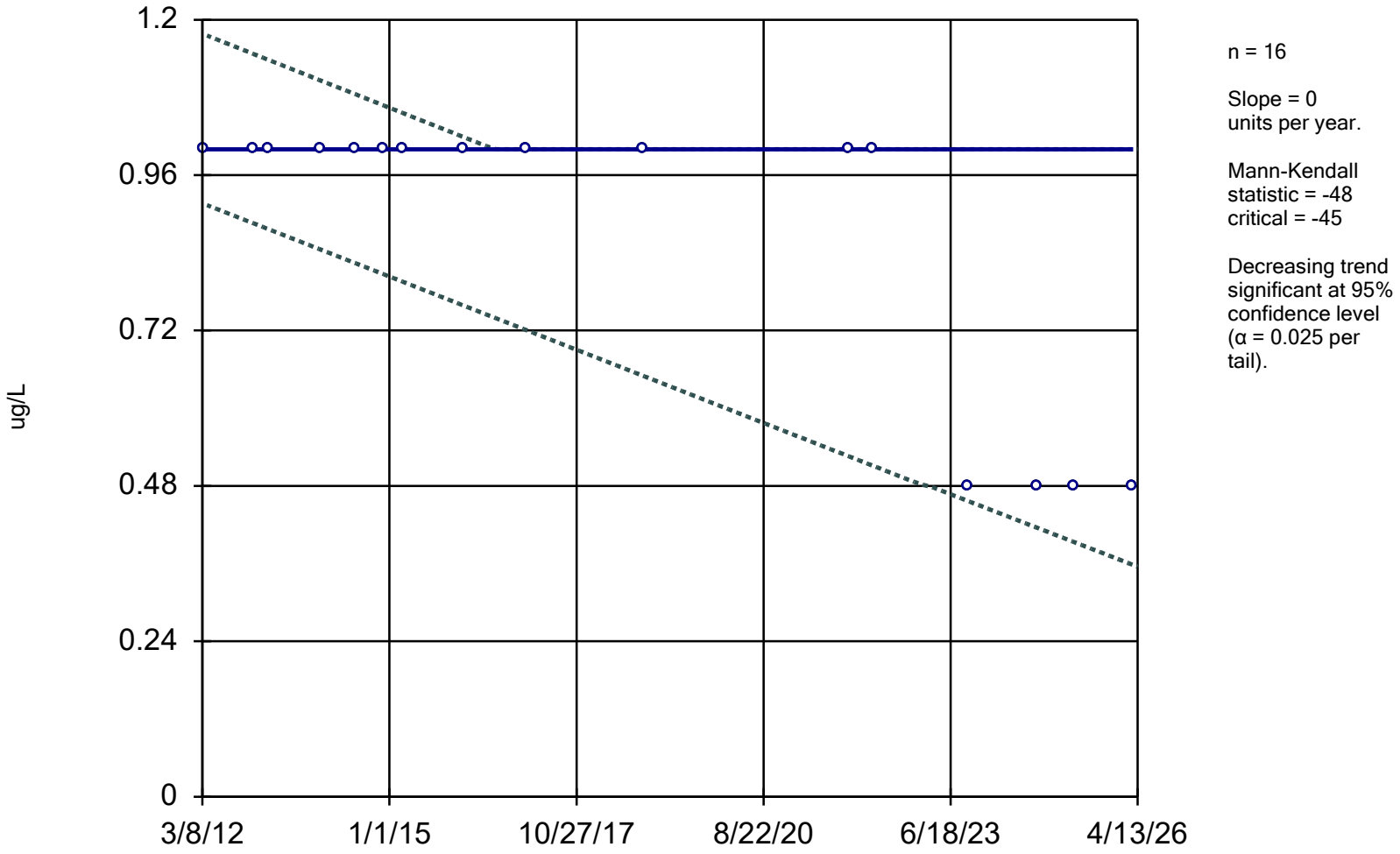
Constituent: Tetrachloroethene Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-39



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

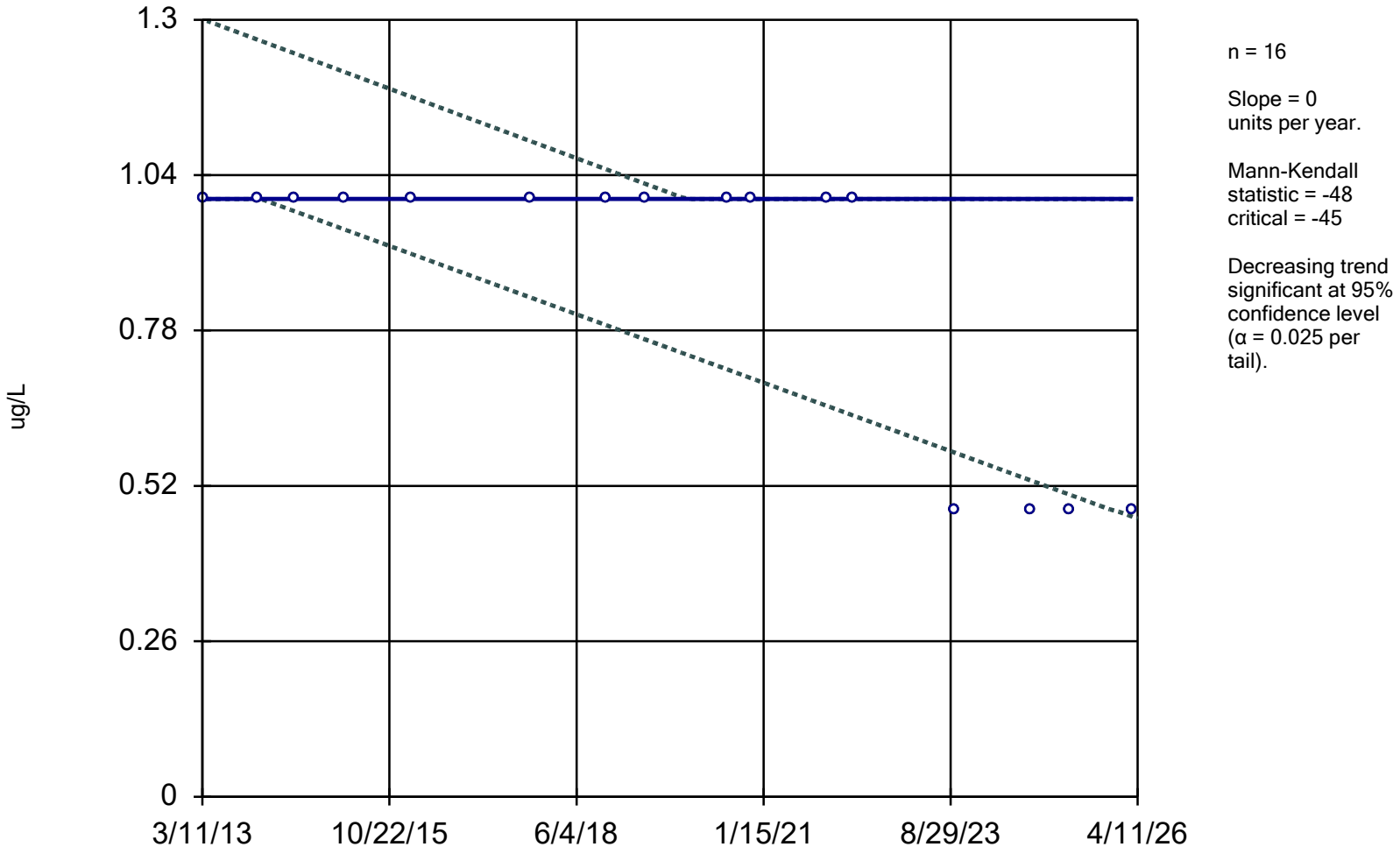
Constituent: Tetrachloroethene Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-55



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

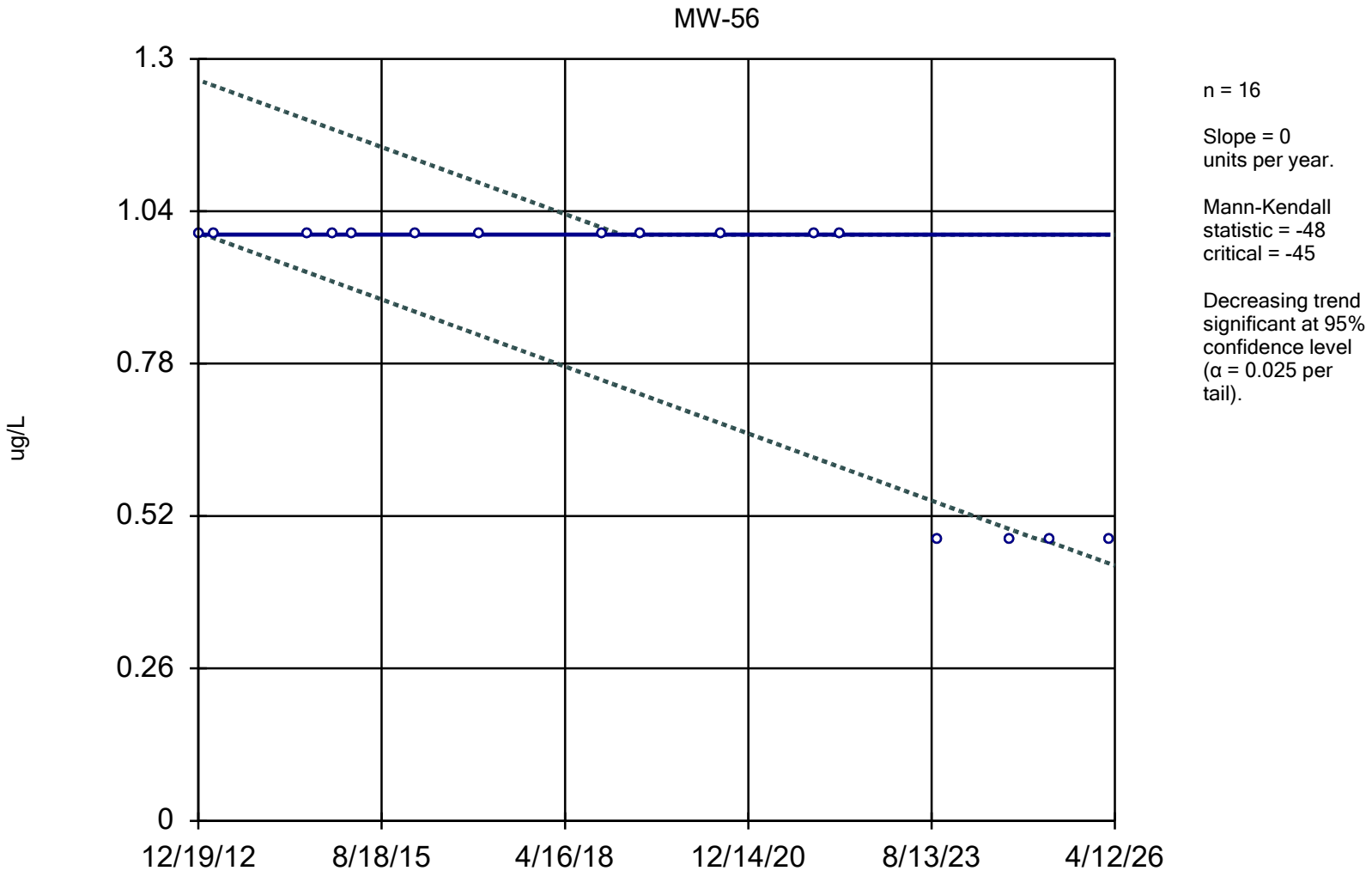
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Tetrachloroethene Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

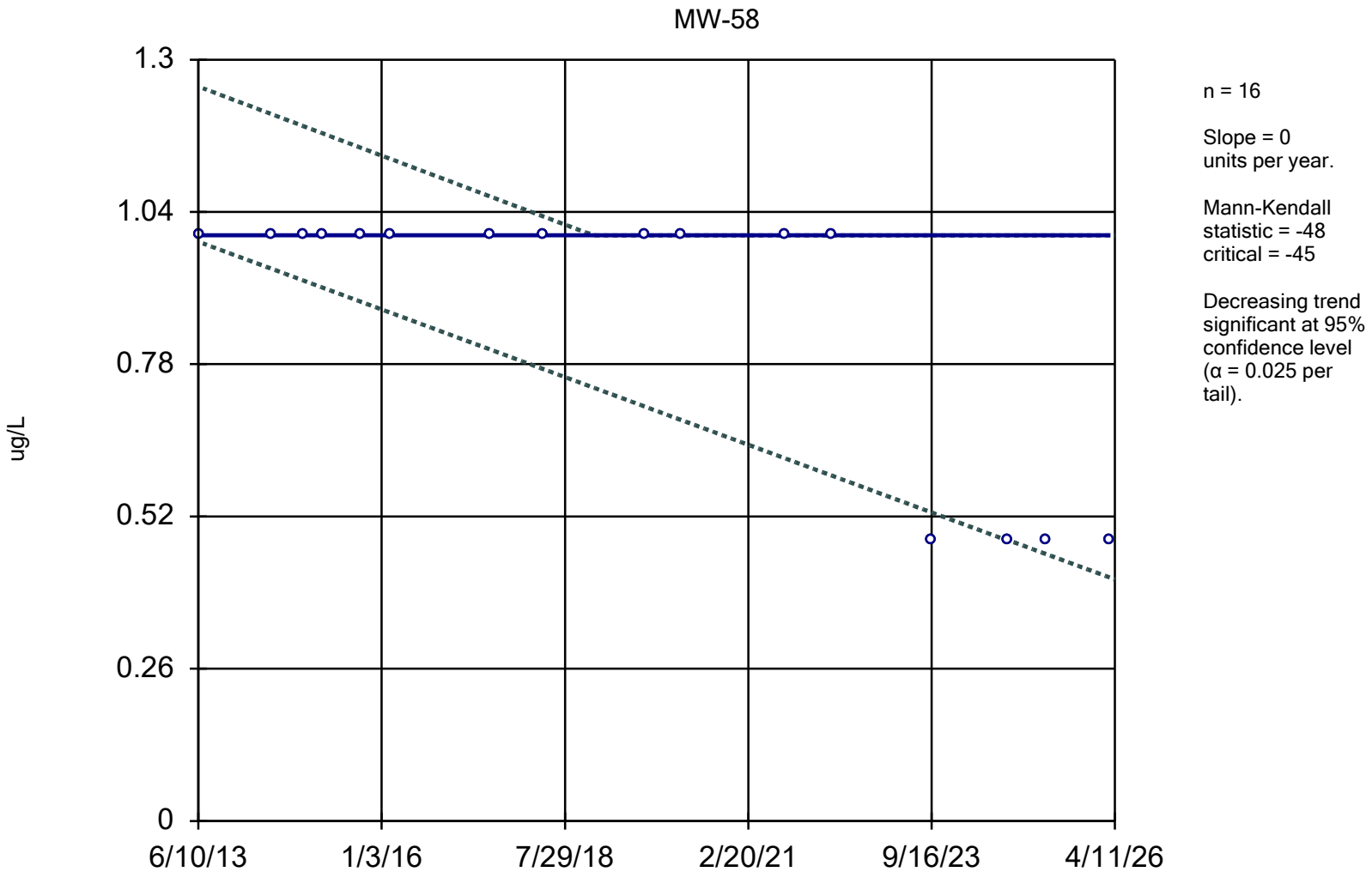


Constituent: Tetrachloroethene Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



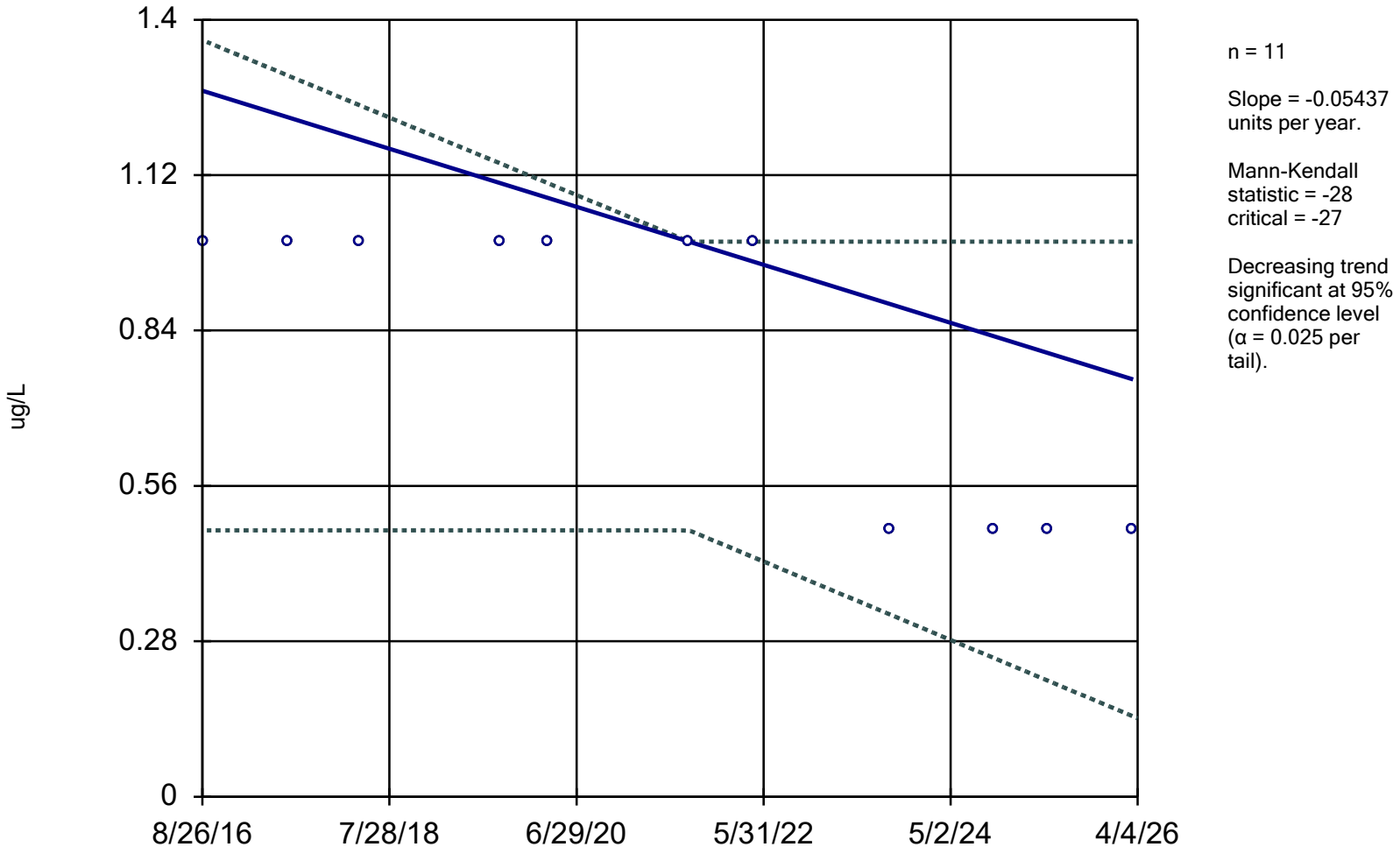
Constituent: Tetrachloroethene Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-70



n = 11

Slope = -0.05437 units per year.

Mann-Kendall statistic = -28
critical = -27

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

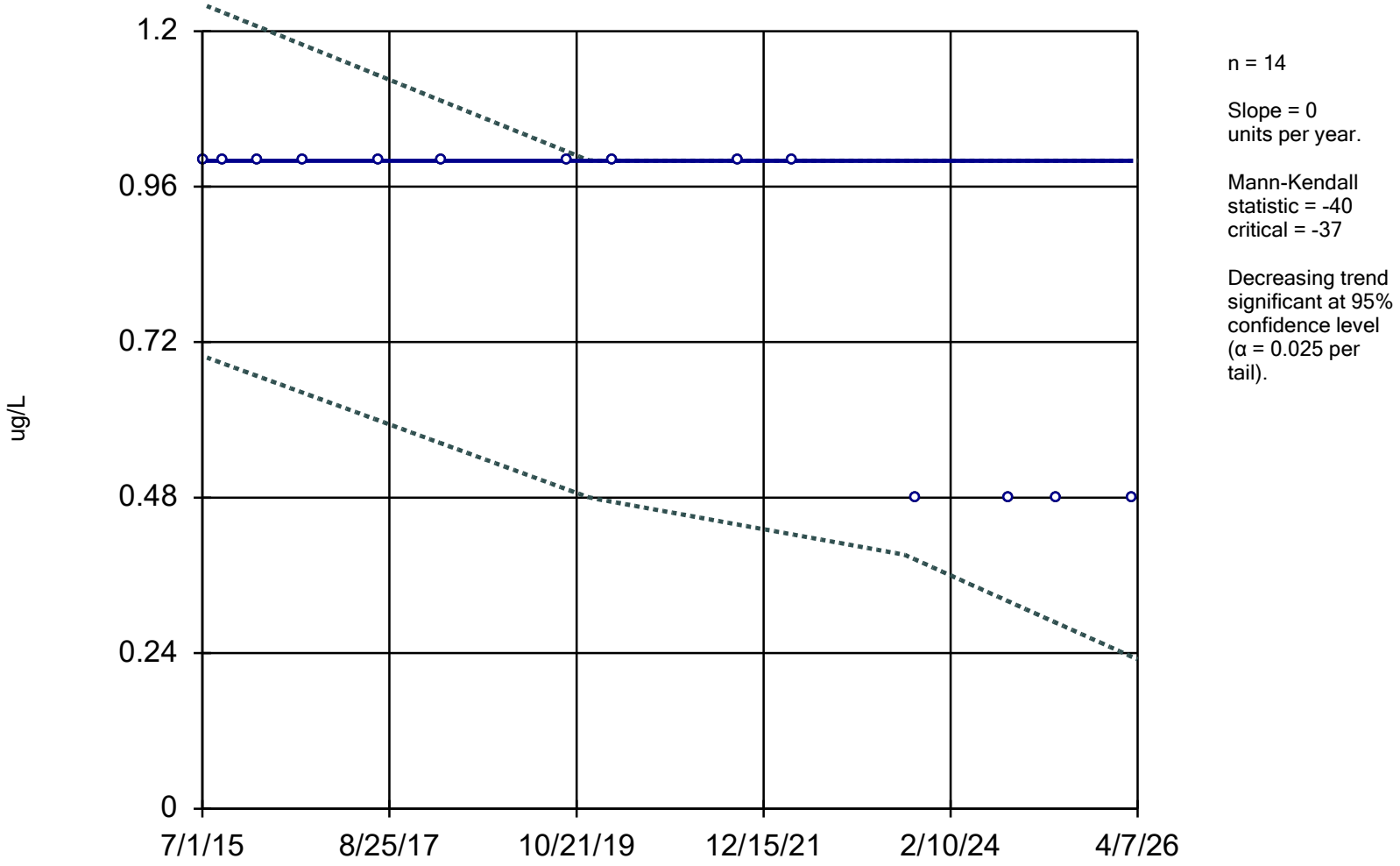
Constituent: Tetrachloroethene Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

PZ-13



n = 14

Slope = 0
units per year.

Mann-Kendall
statistic = -40
critical = -37

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

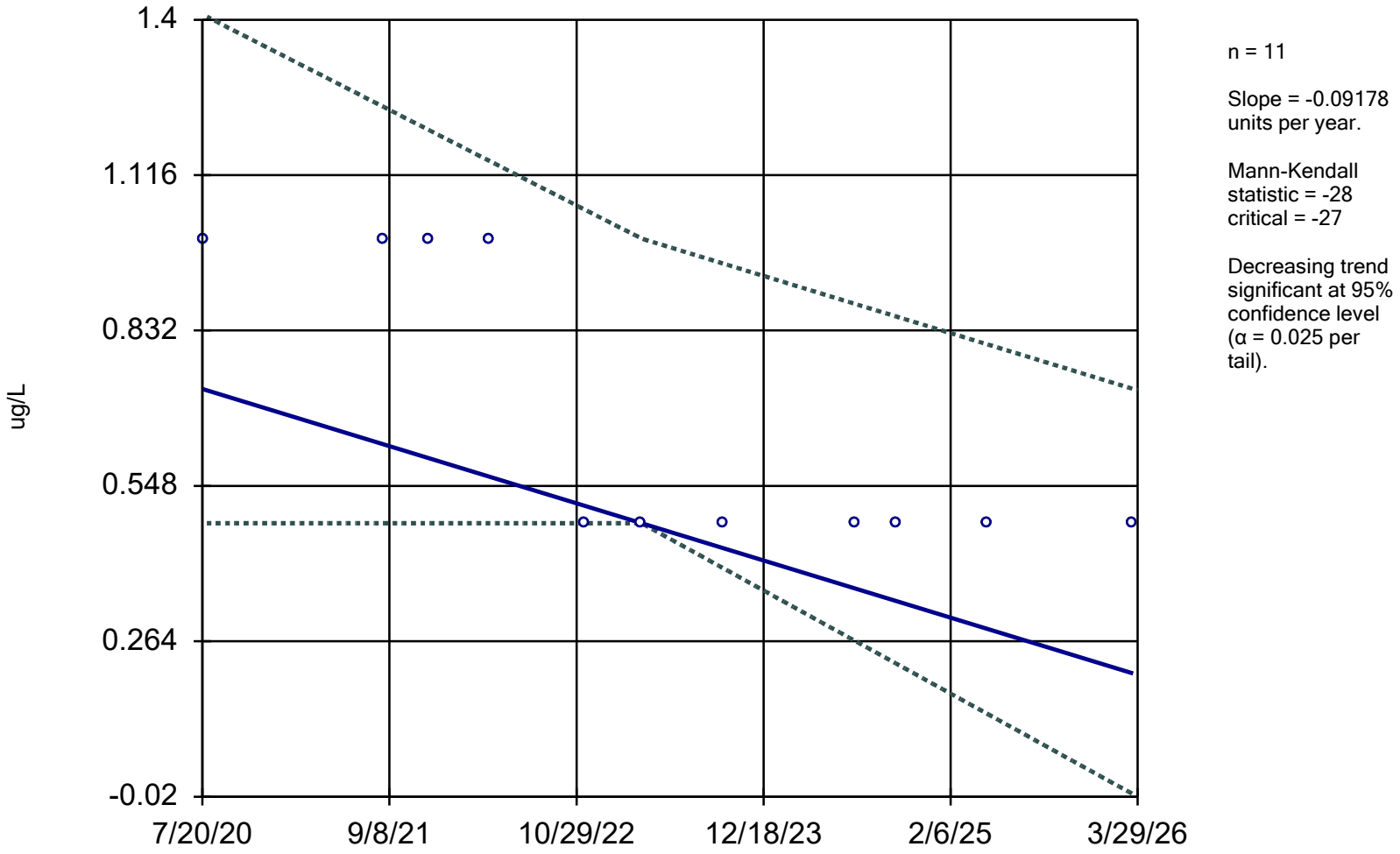
Constituent: Tetrachloroethene Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-57R



n = 11

Slope = -0.09178 units per year.

Mann-Kendall statistic = -28
critical = -27

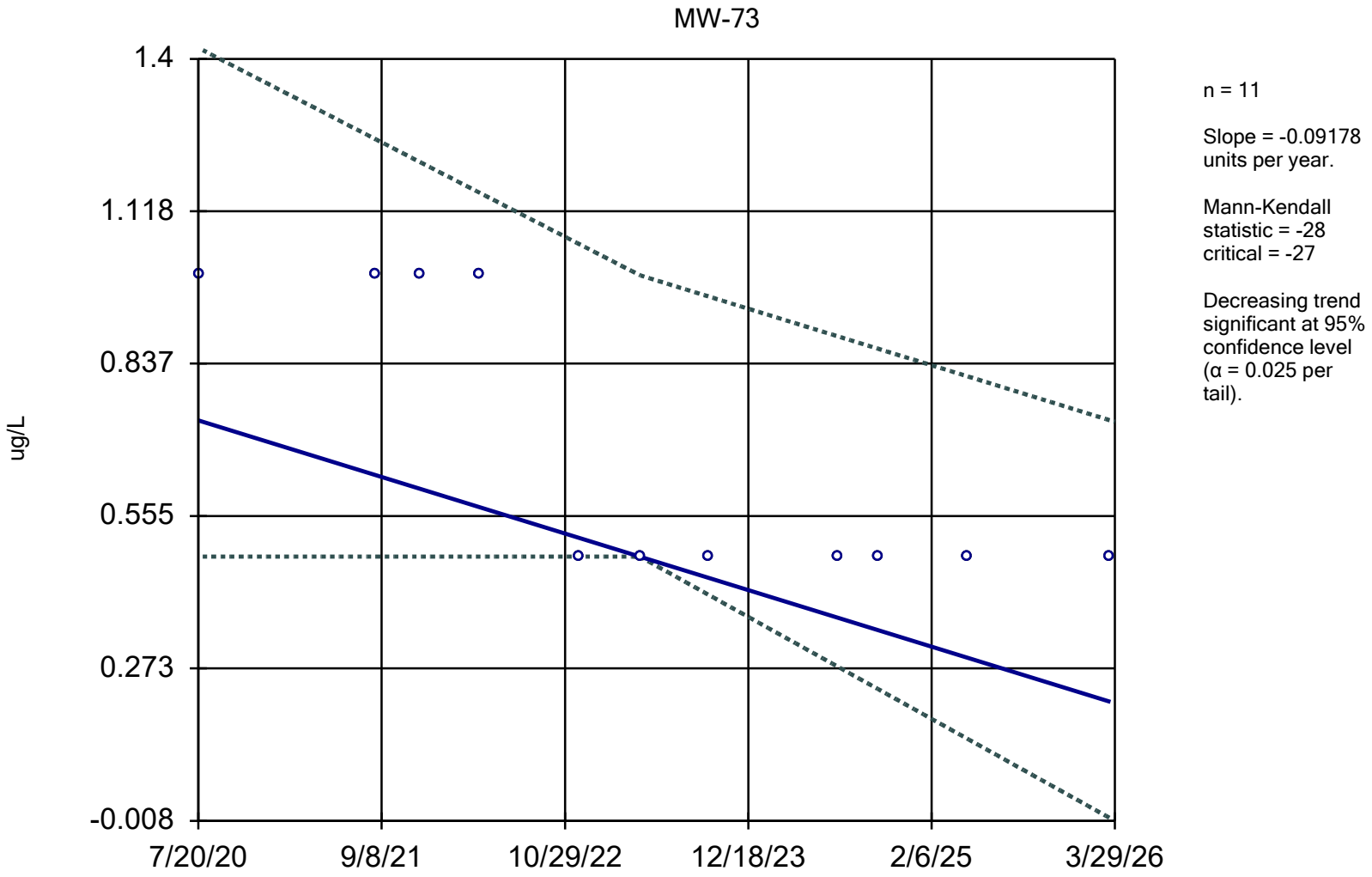
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Tetrachloroethene Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



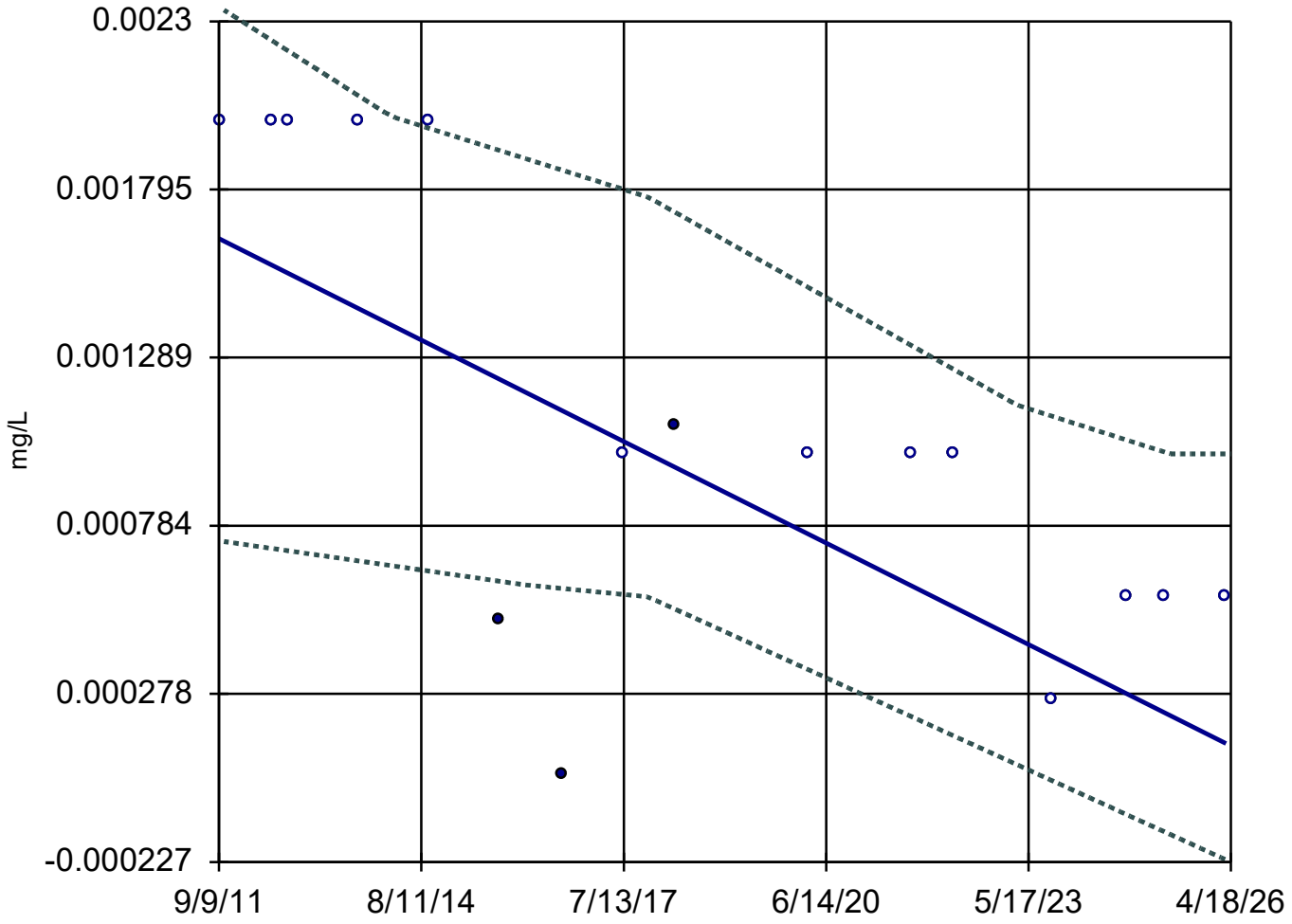
Constituent: Tetrachloroethene Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

GU-3A



n = 16

Slope = -0.0001043 units per year.

Mann-Kendall statistic = -59
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

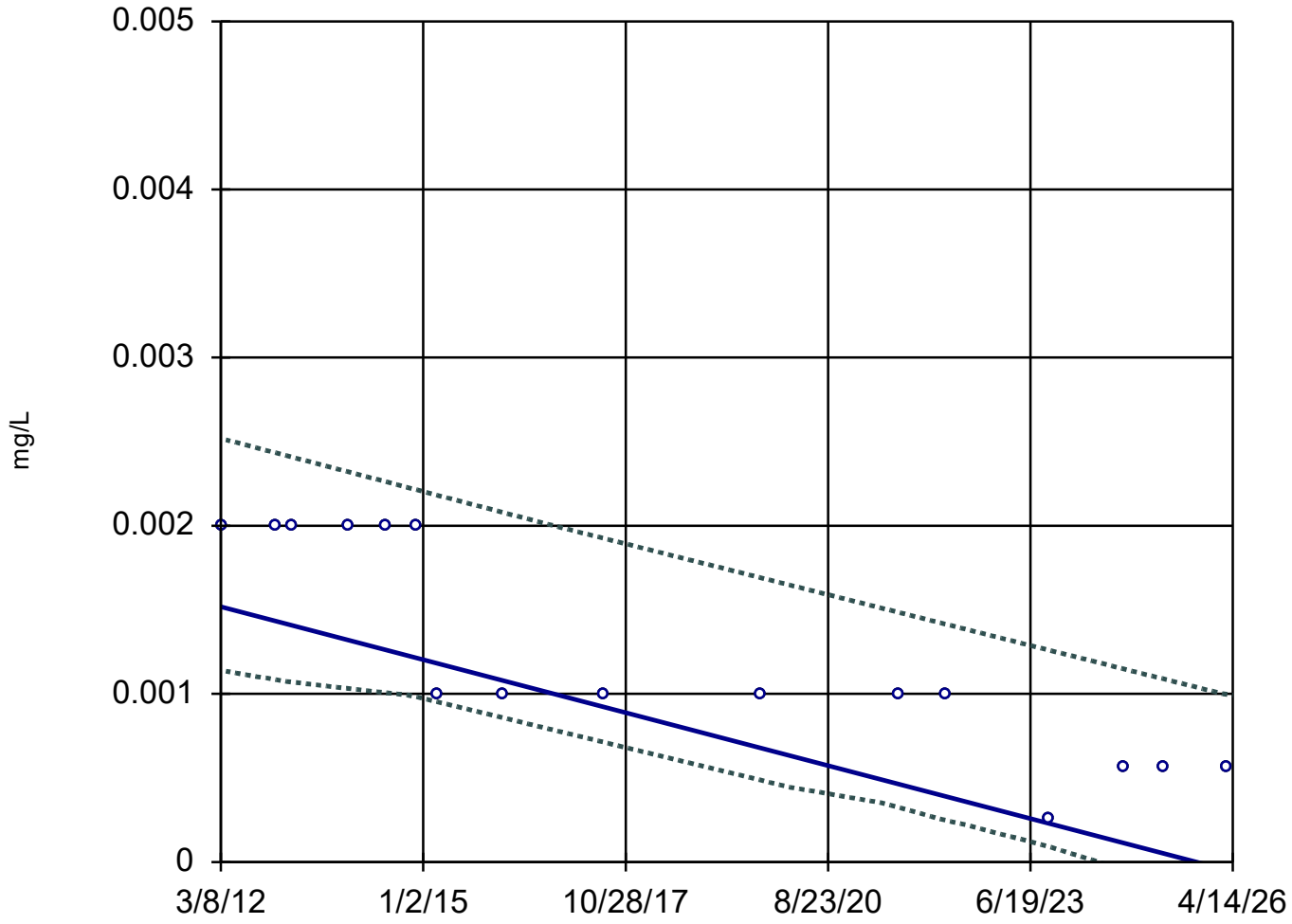
Constituent: Thallium Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-14R



n = 16

Slope = -0.0001116 units per year.

Mann-Kendall statistic = -81
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

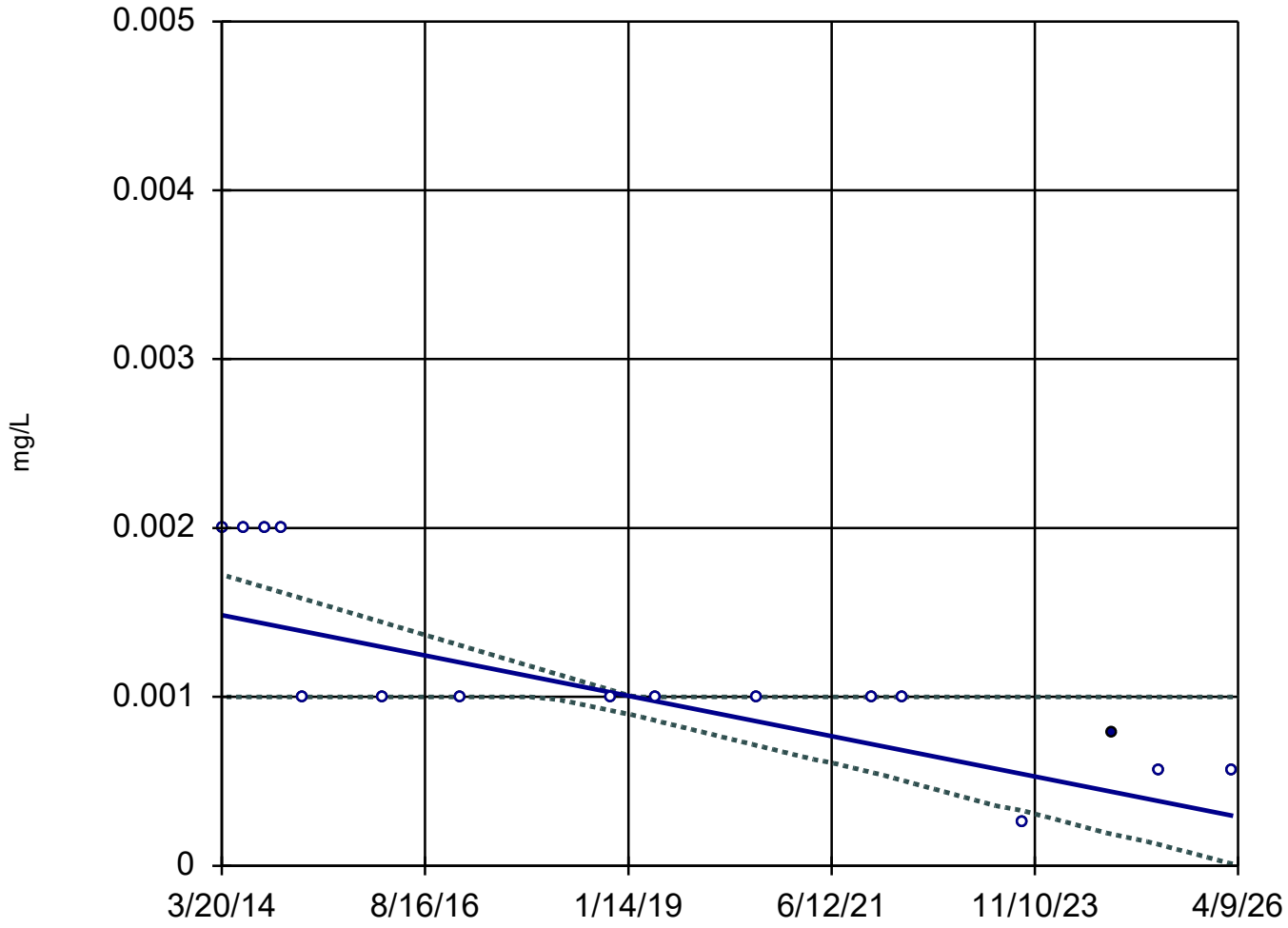
Constituent: Thallium Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-18



n = 16

Slope = -0.00009891 units per year.

Mann-Kendall statistic = -79
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

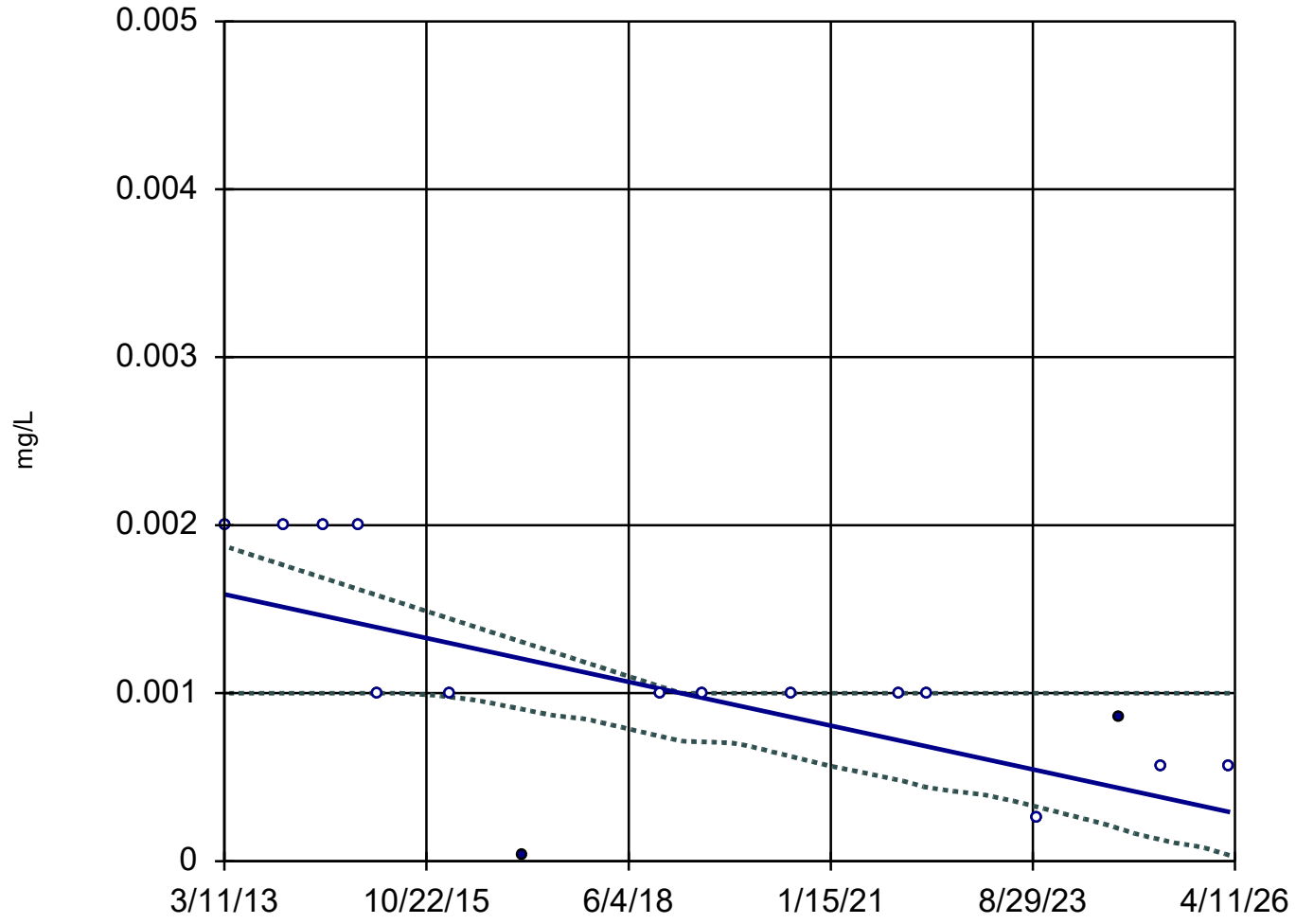
Constituent: Thallium Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-19



n = 16

Slope = -0.00009946 units per year.

Mann-Kendall statistic = -68
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

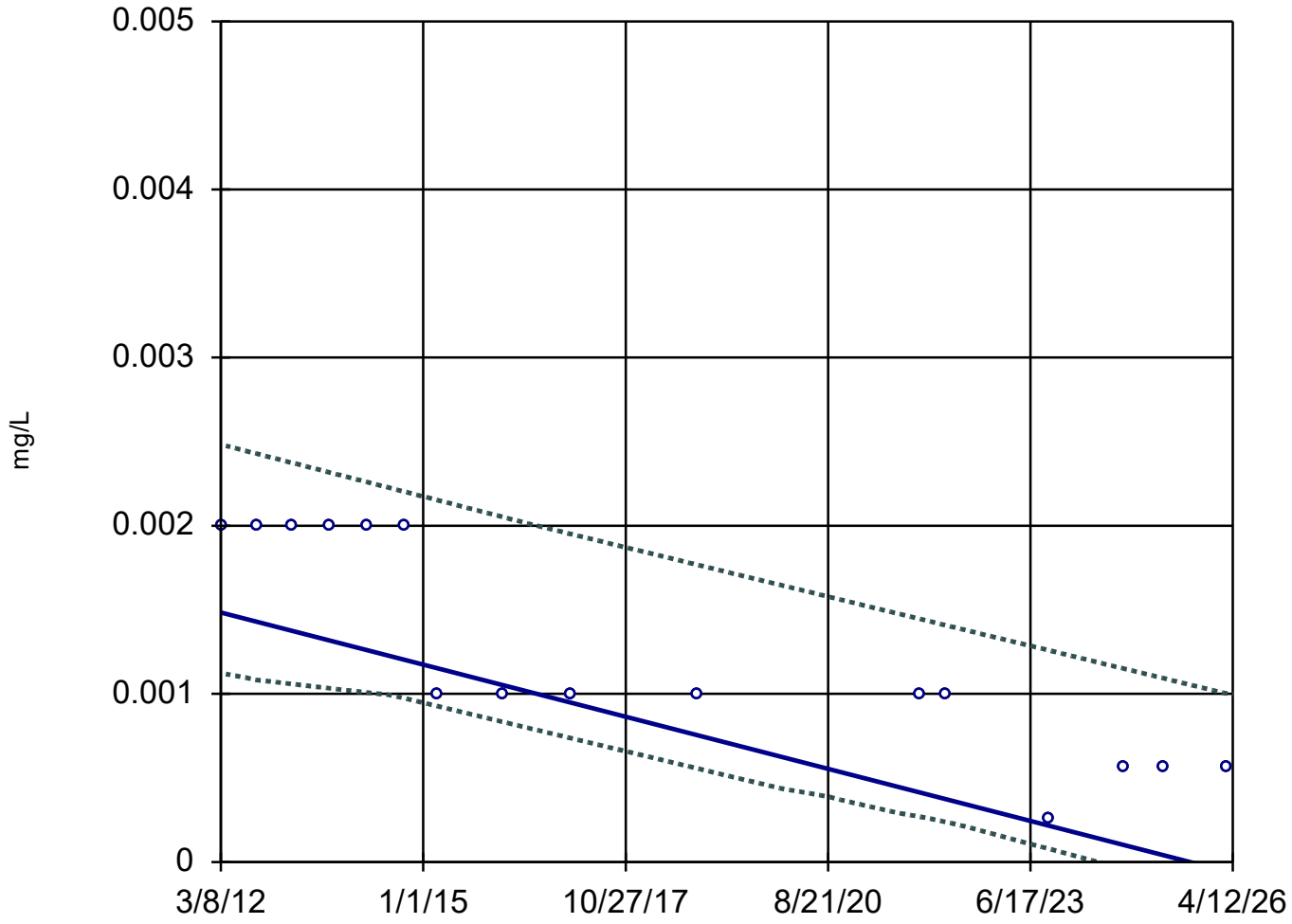
Constituent: Thallium Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-23 (bg)



n = 16

Slope = -0.0001098 units per year.

Mann-Kendall statistic = -81
critical = -45

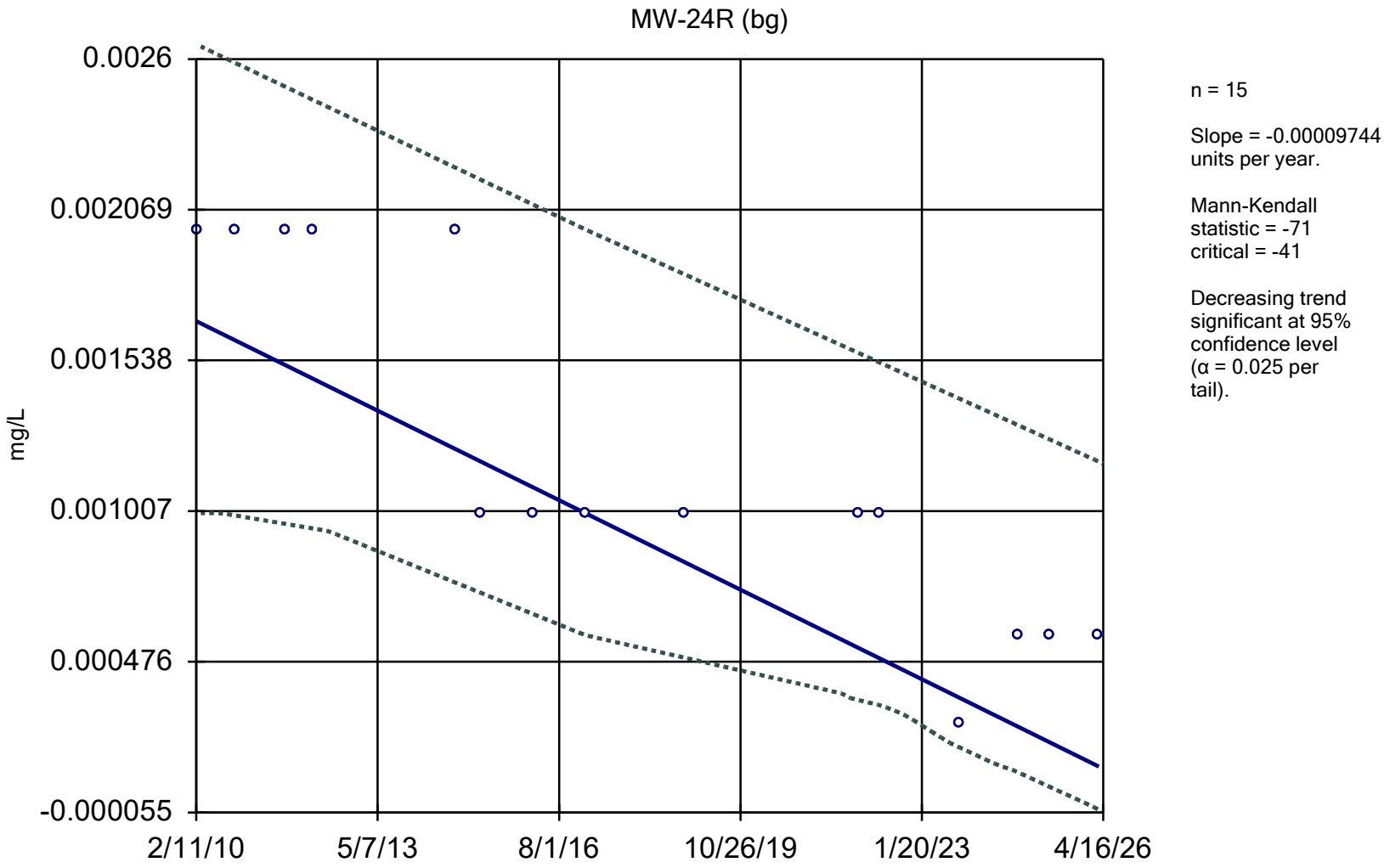
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Thallium Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 15

Slope = -0.00009744 units per year.

Mann-Kendall statistic = -71
critical = -41

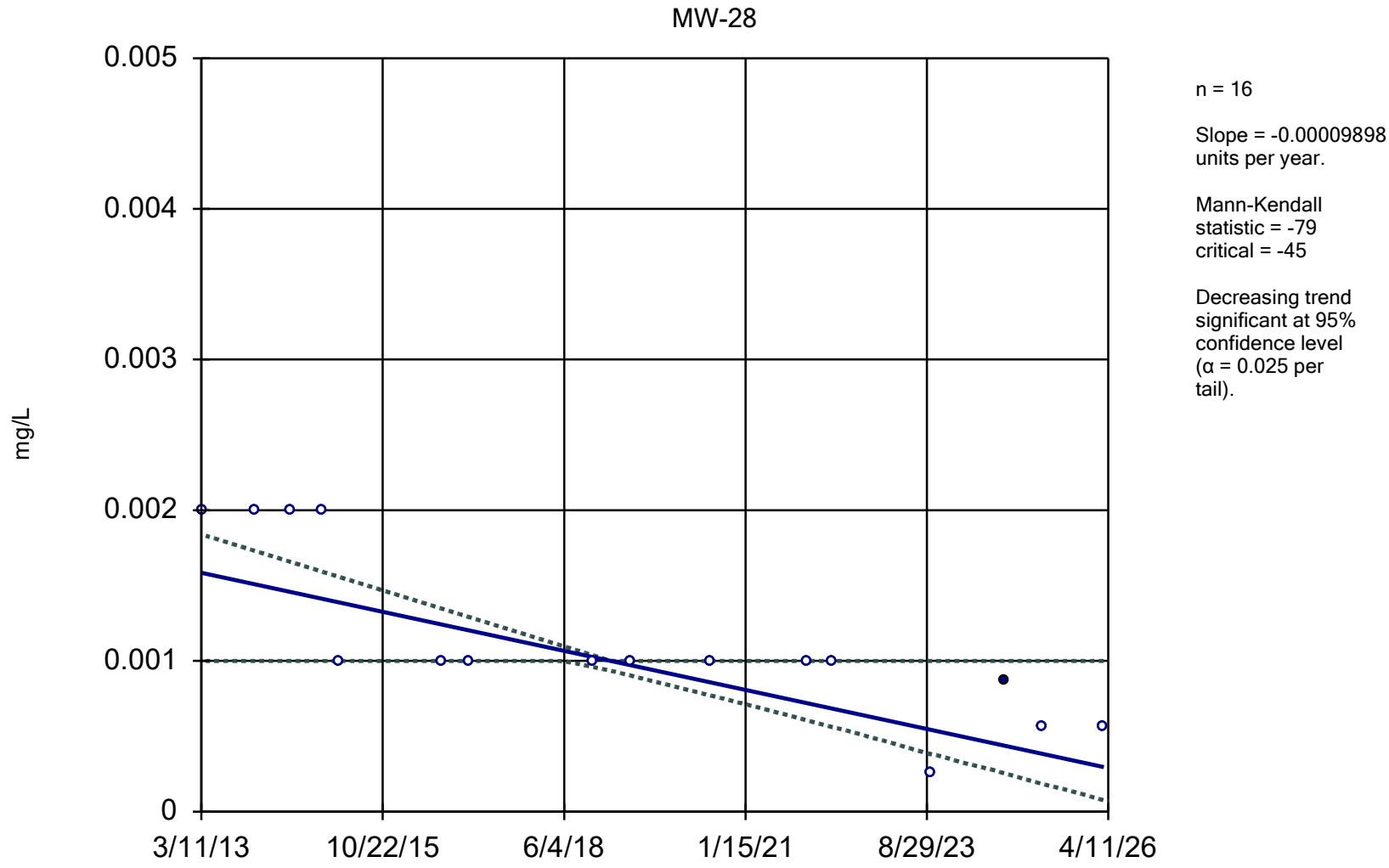
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Thallium Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



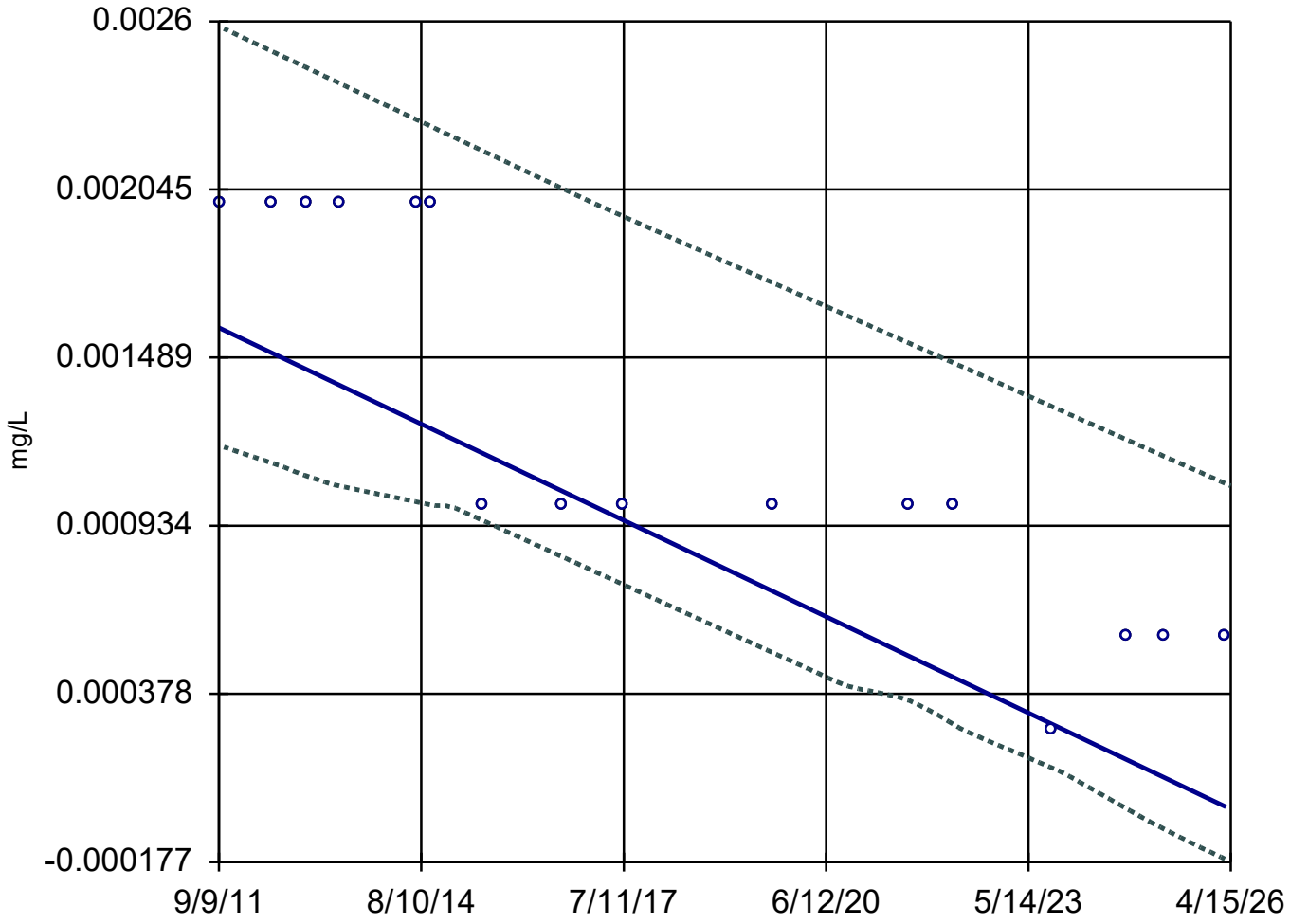
Constituent: Thallium Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-29



n = 16

Slope = -0.0001089 units per year.

Mann-Kendall statistic = -81
critical = -45

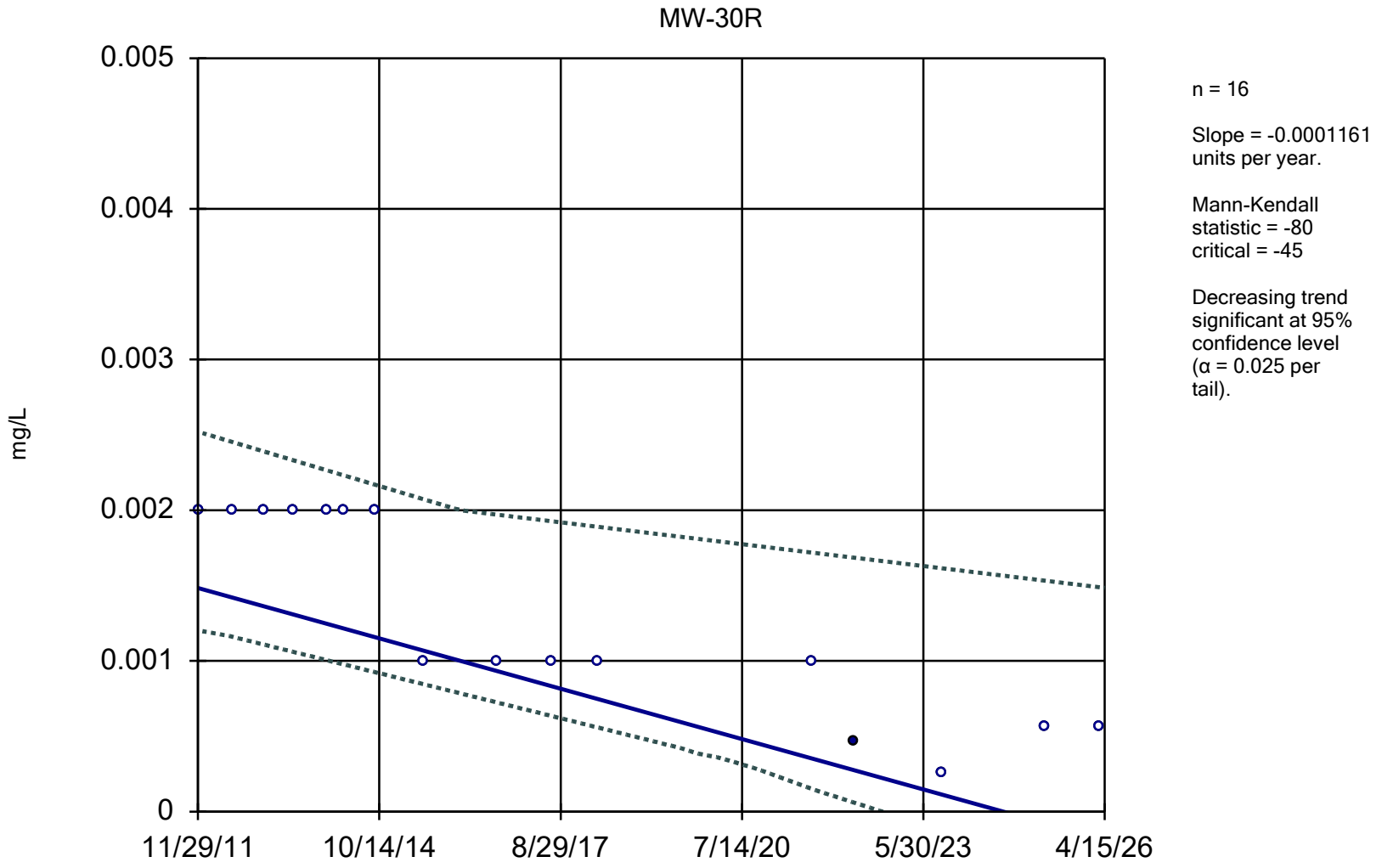
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Thallium Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



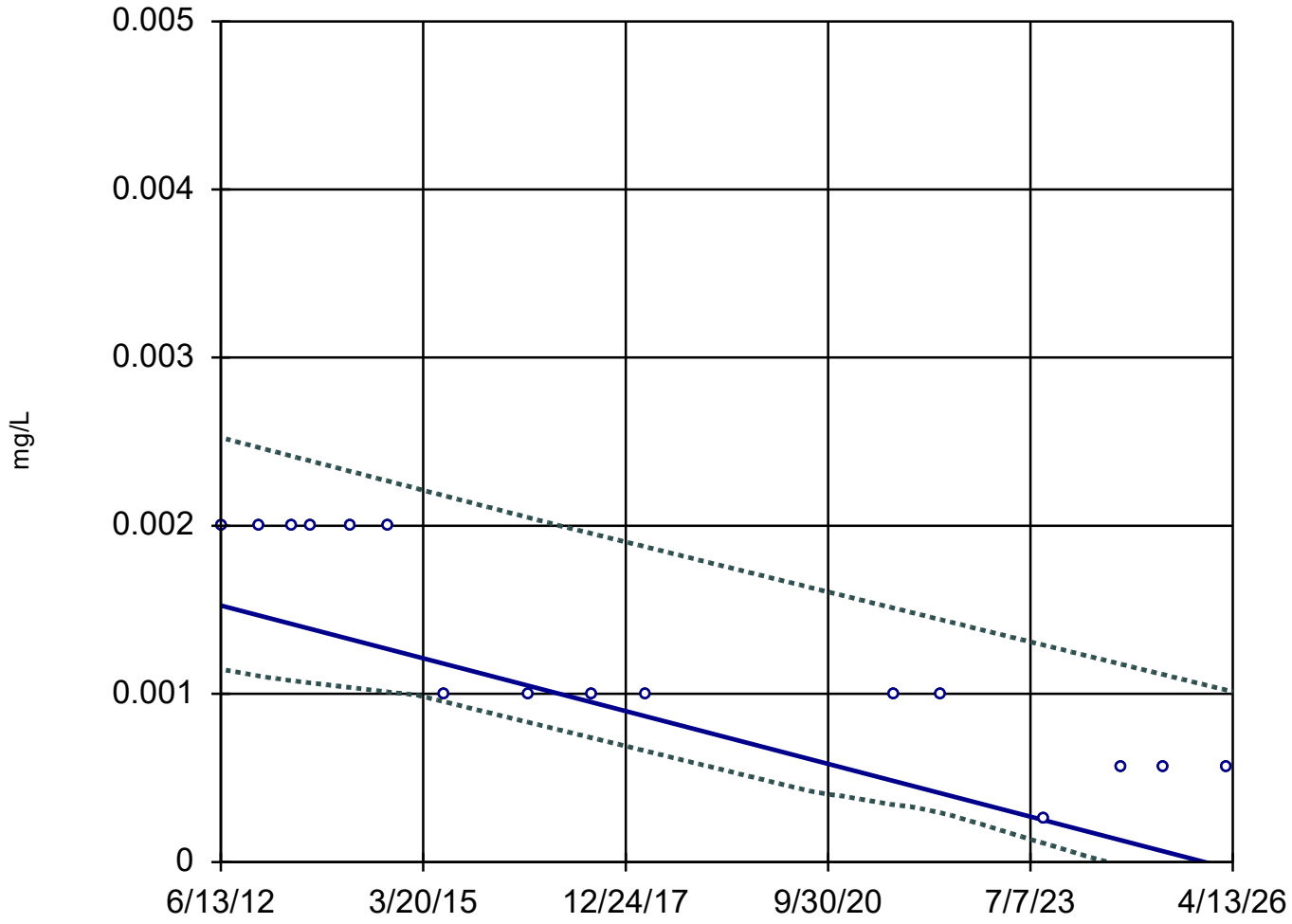
Constituent: Thallium Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-31R



n = 16

Slope = -0.0001135 units per year.

Mann-Kendall statistic = -81
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

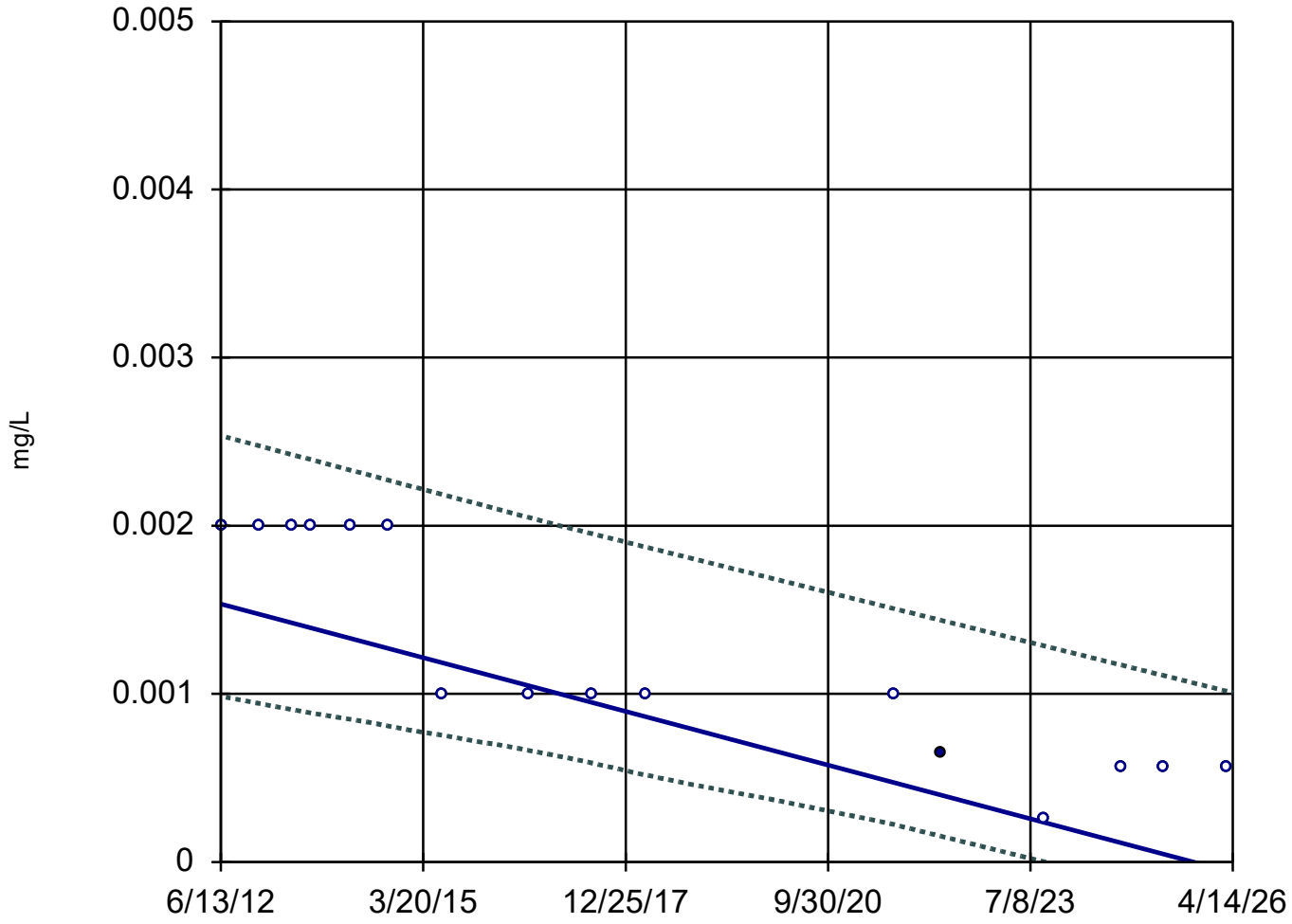
Constituent: Thallium Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-32R



n = 16

Slope = -0.0001154 units per year.

Mann-Kendall statistic = -86
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

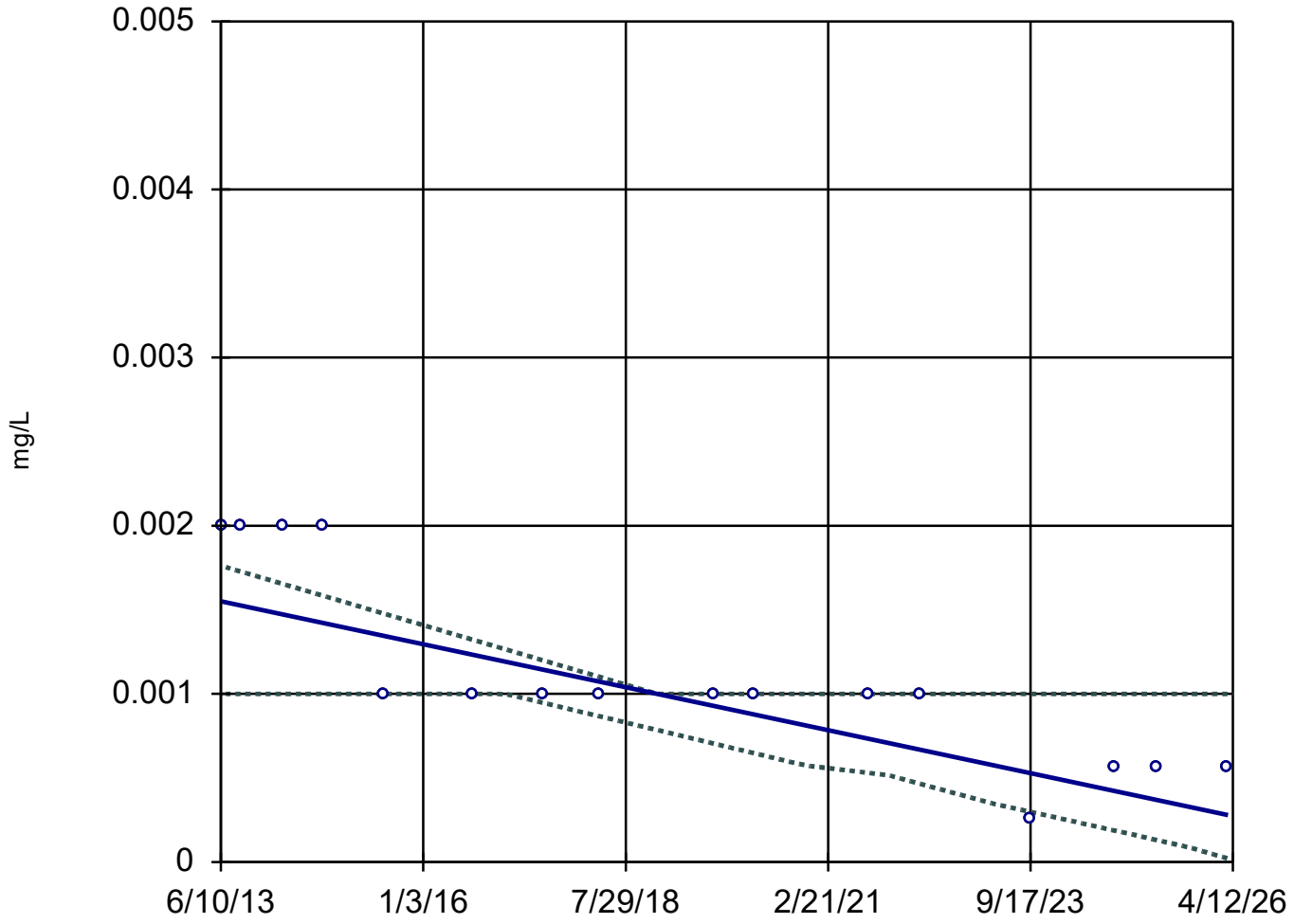
Constituent: Thallium Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-33R



n = 16

Slope = -0.00009937 units per year.

Mann-Kendall statistic = -77
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

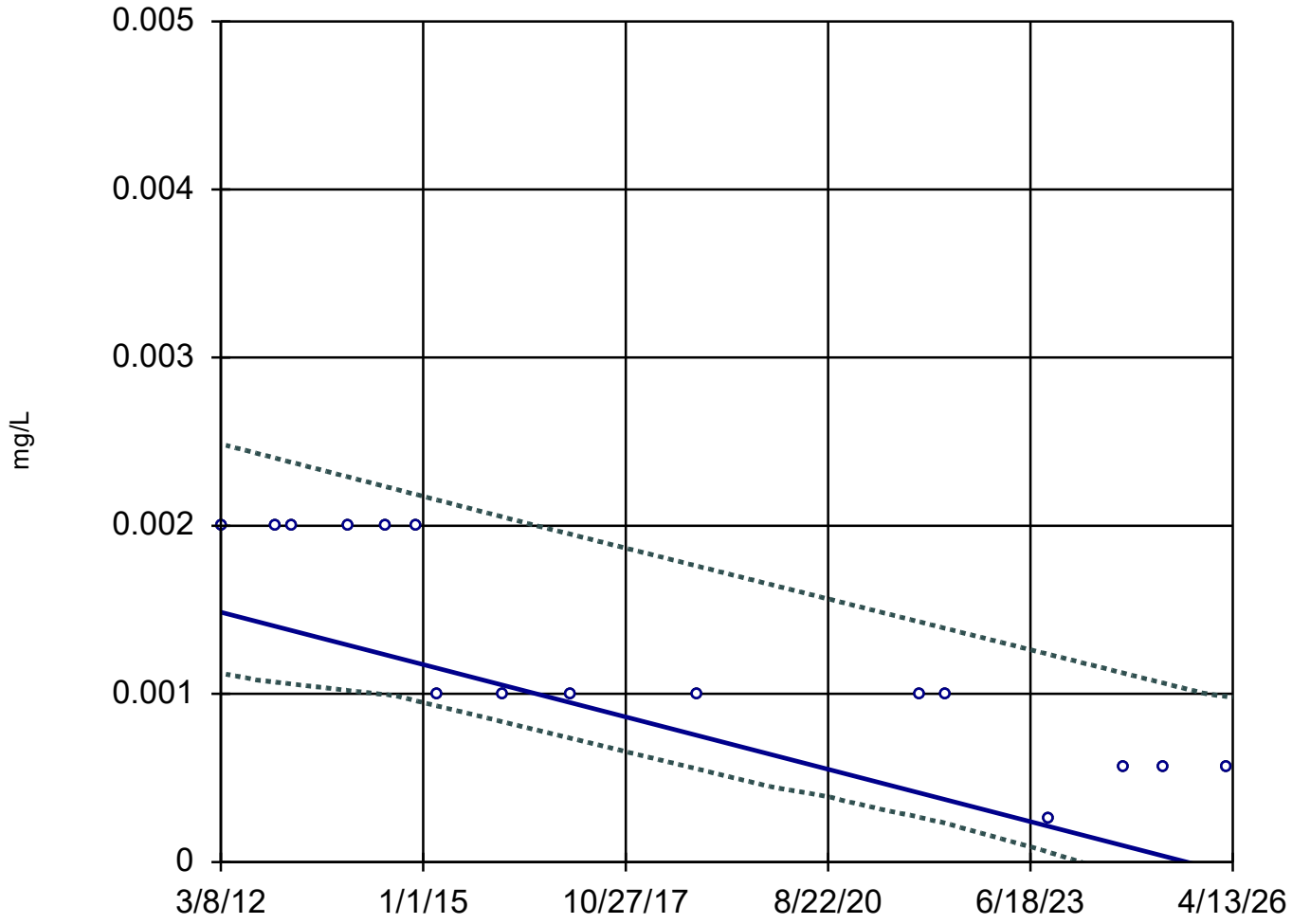
Constituent: Thallium Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-39



n = 16

Slope = -0.0001103 units per year.

Mann-Kendall statistic = -81
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

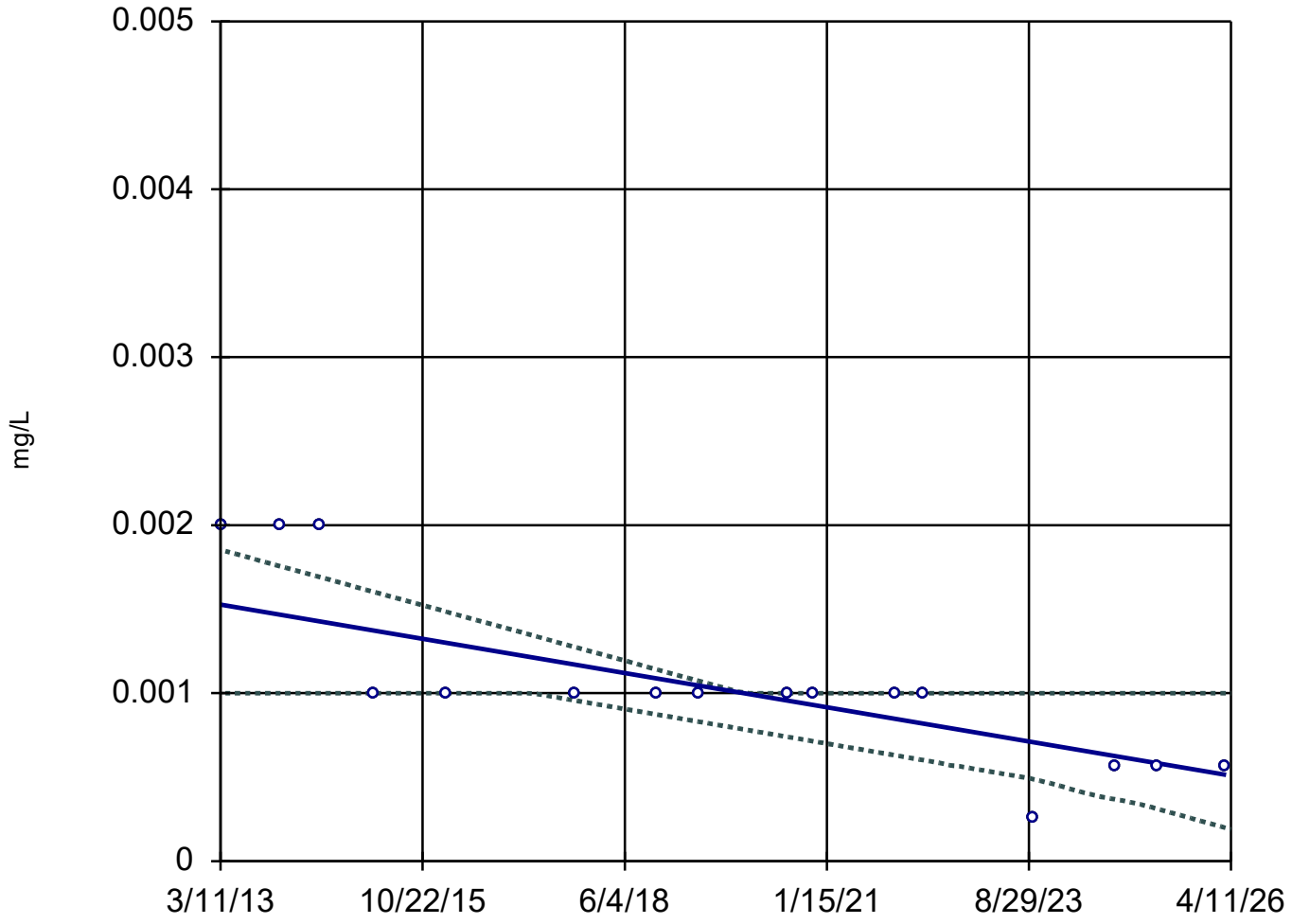
Constituent: Thallium Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-55



n = 16

Slope = -0.00007774 units per year.

Mann-Kendall statistic = -72
critical = -45

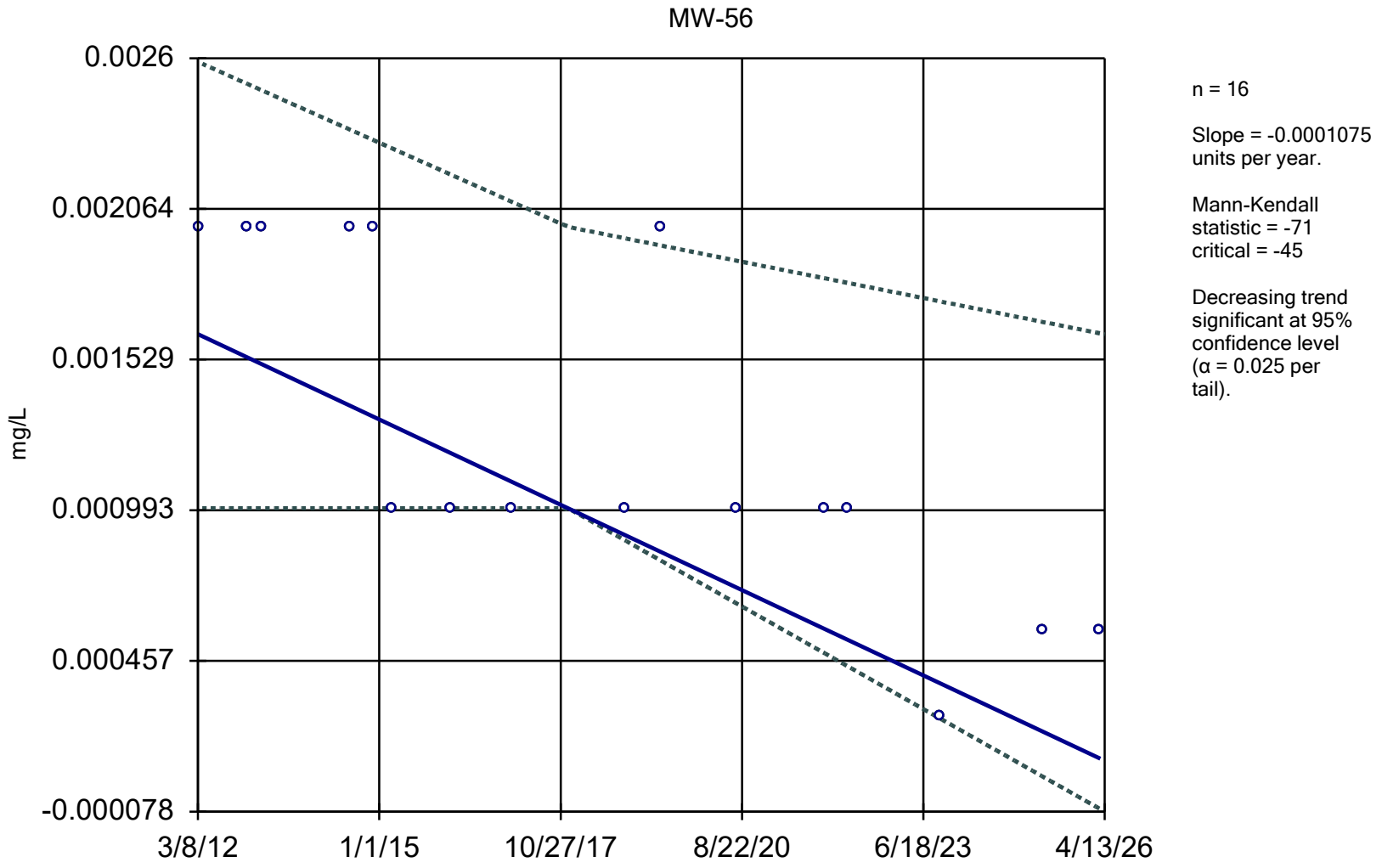
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Thallium Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

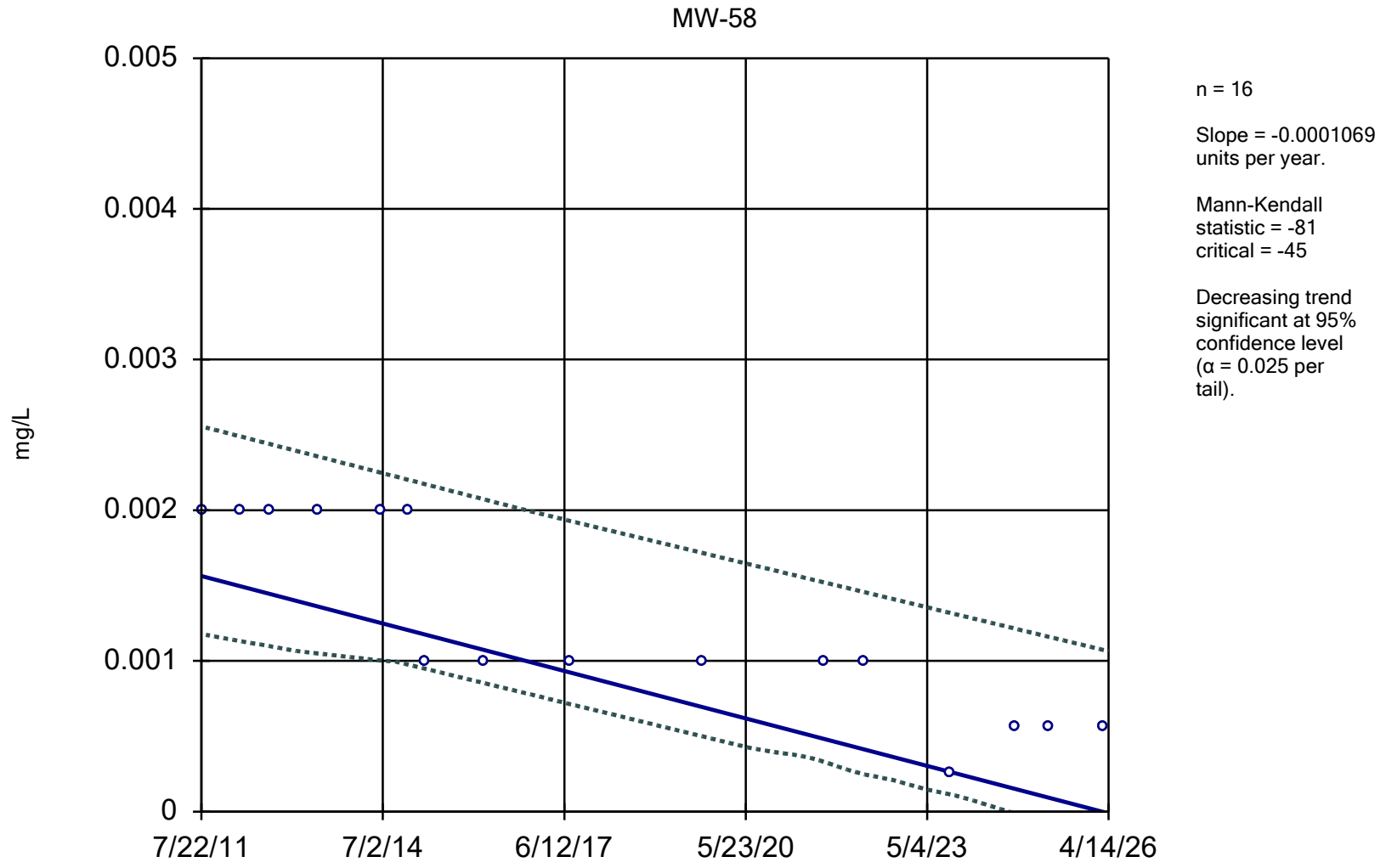


Constituent: Thallium Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

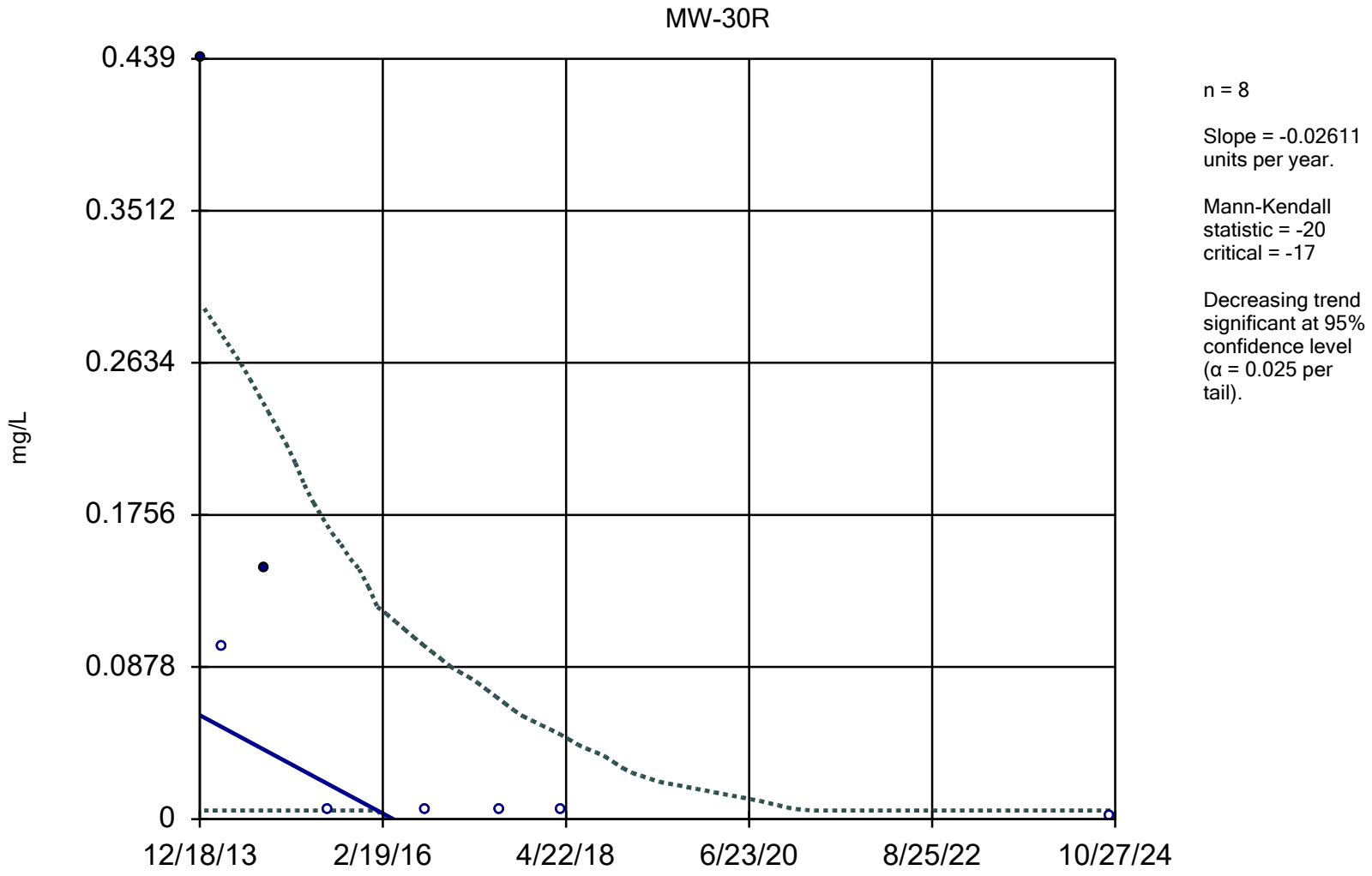


Constituent: Thallium Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

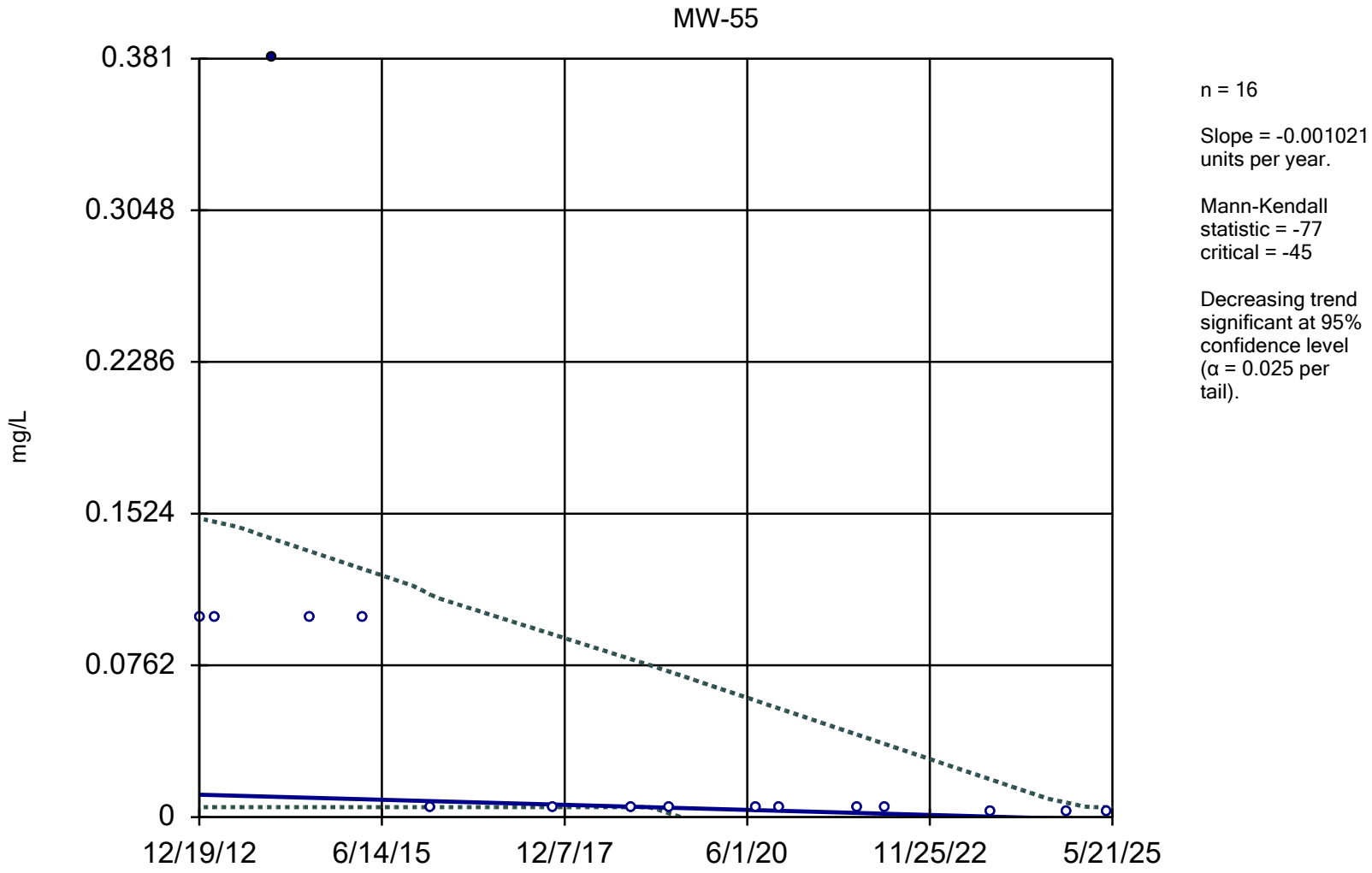


Constituent: Tin Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

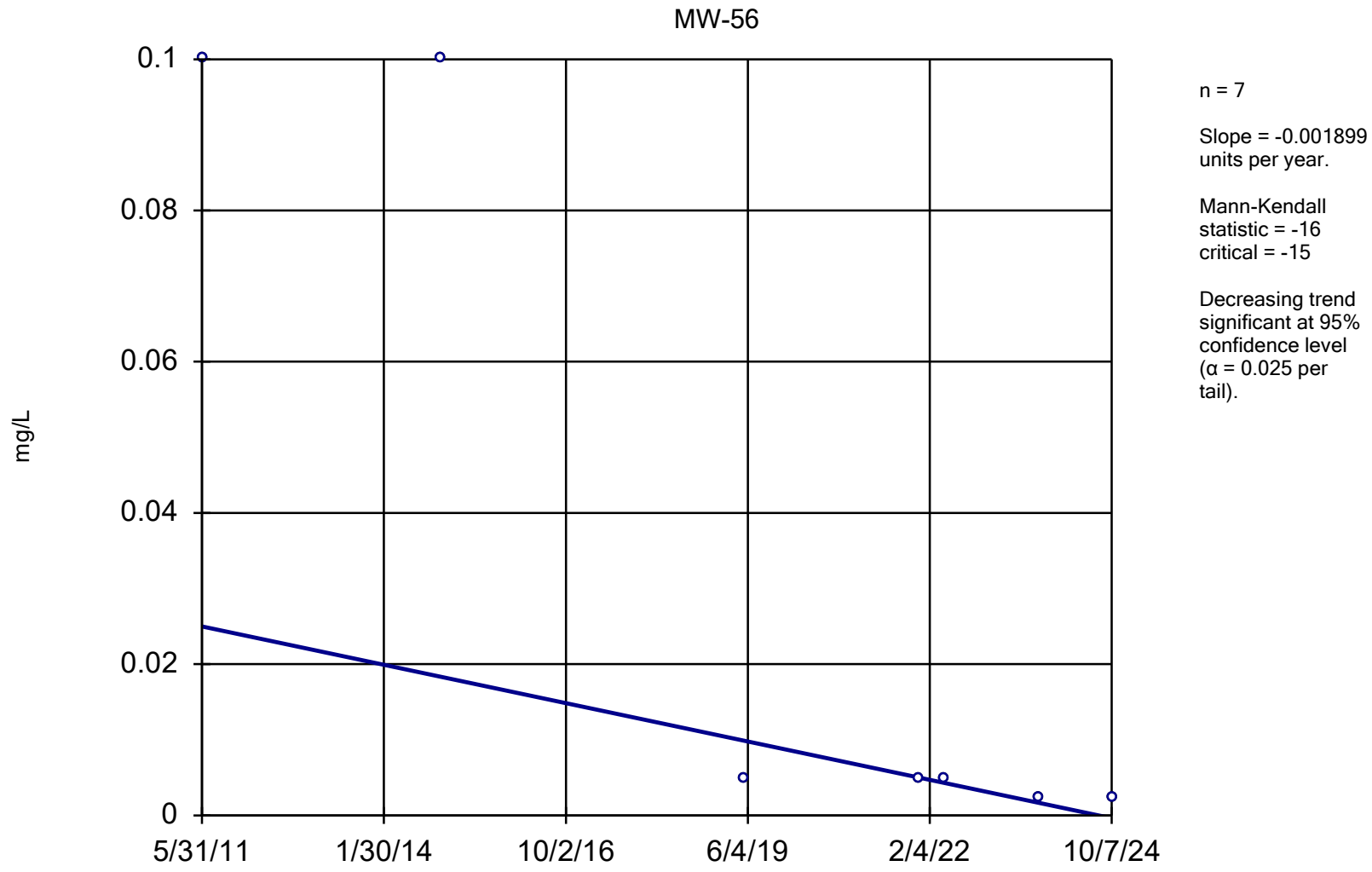


Constituent: Tin Analysis Run 8/19/2026 1:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator



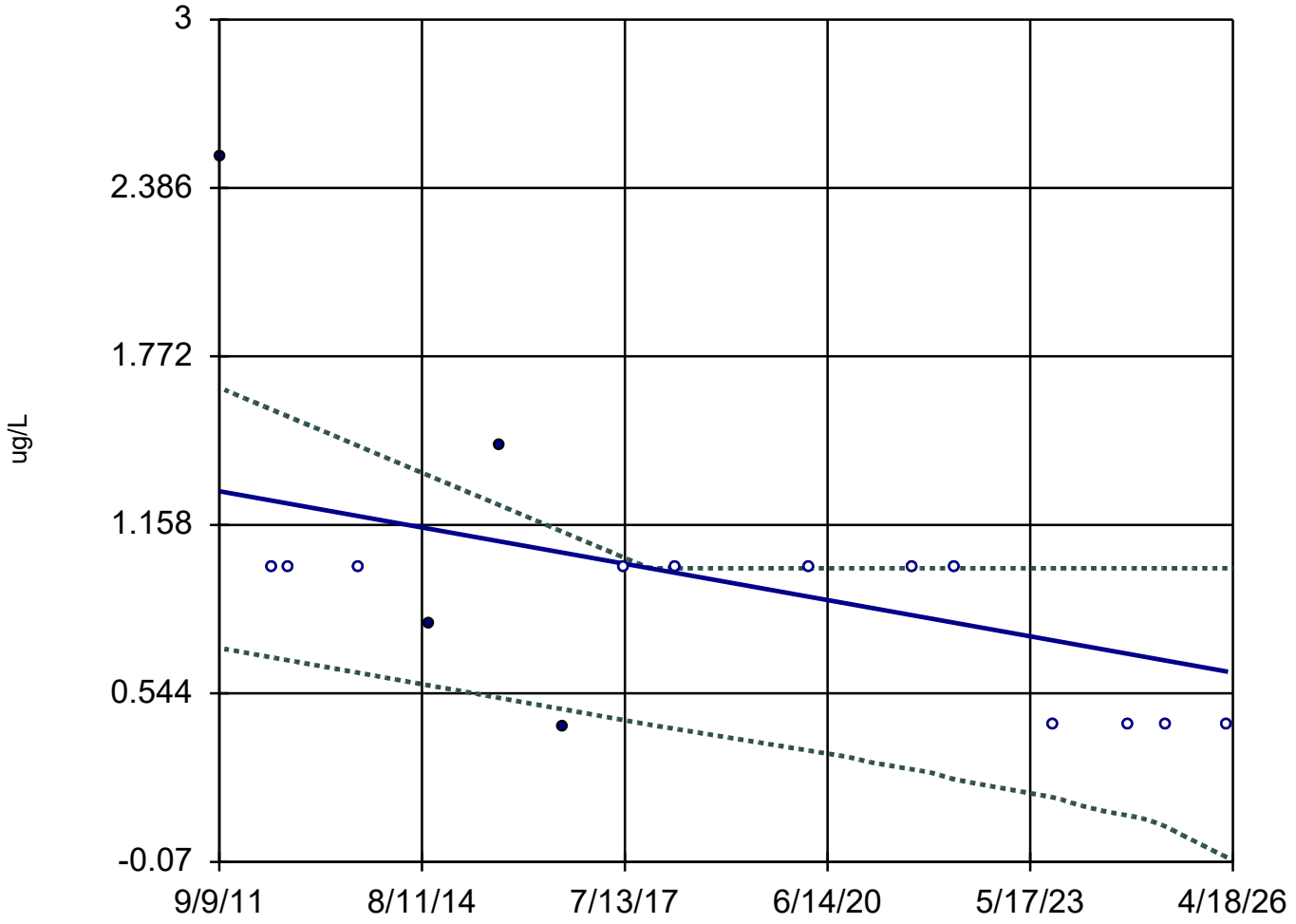
Constituent: Tin Analysis Run 8/19/2026 1:15 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

GU-3A



n = 16

Slope = -0.04524 units per year.

Mann-Kendall statistic = -50
critical = -45

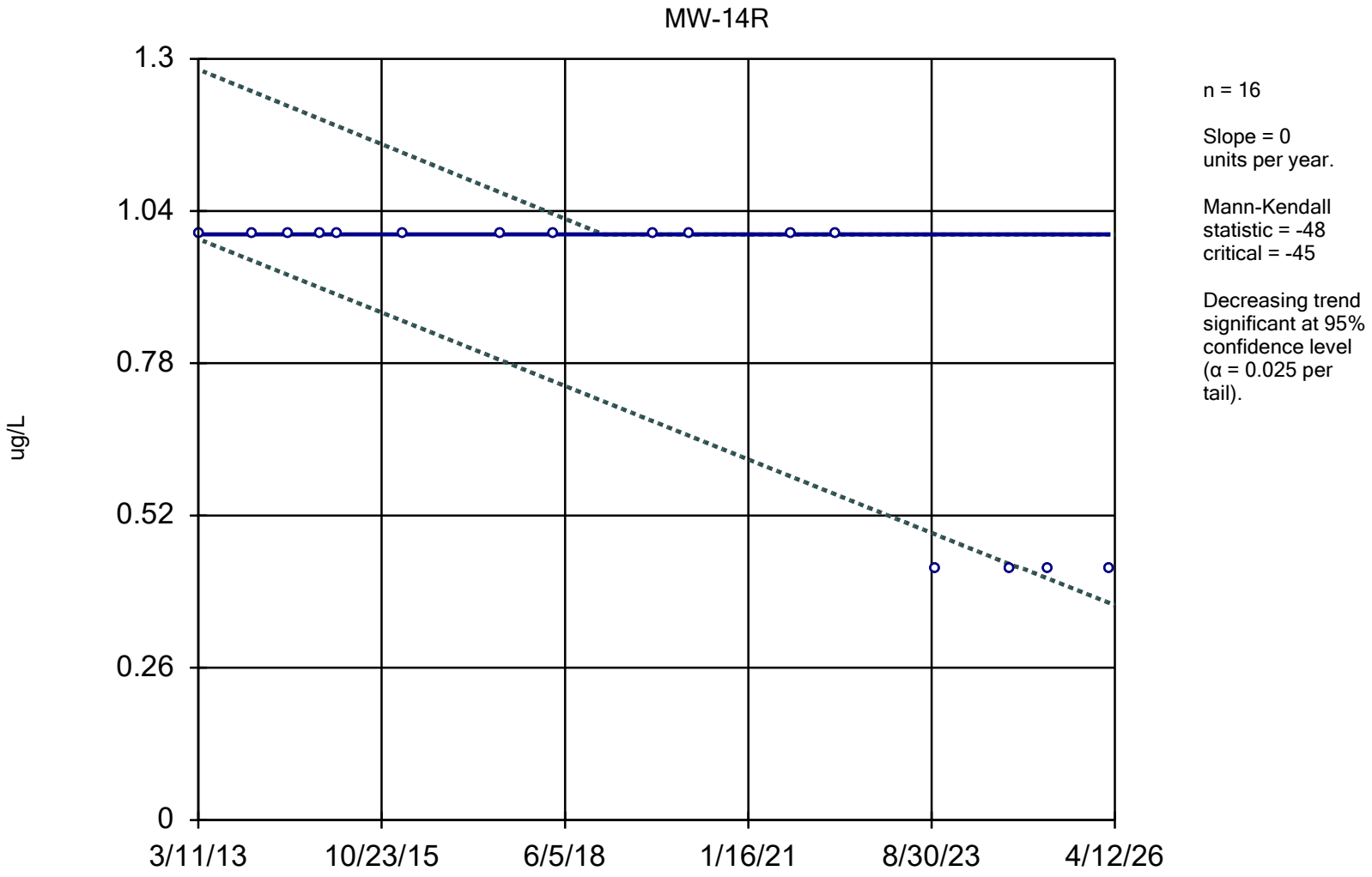
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Toluene Analysis Run 8/19/2026 1:15 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

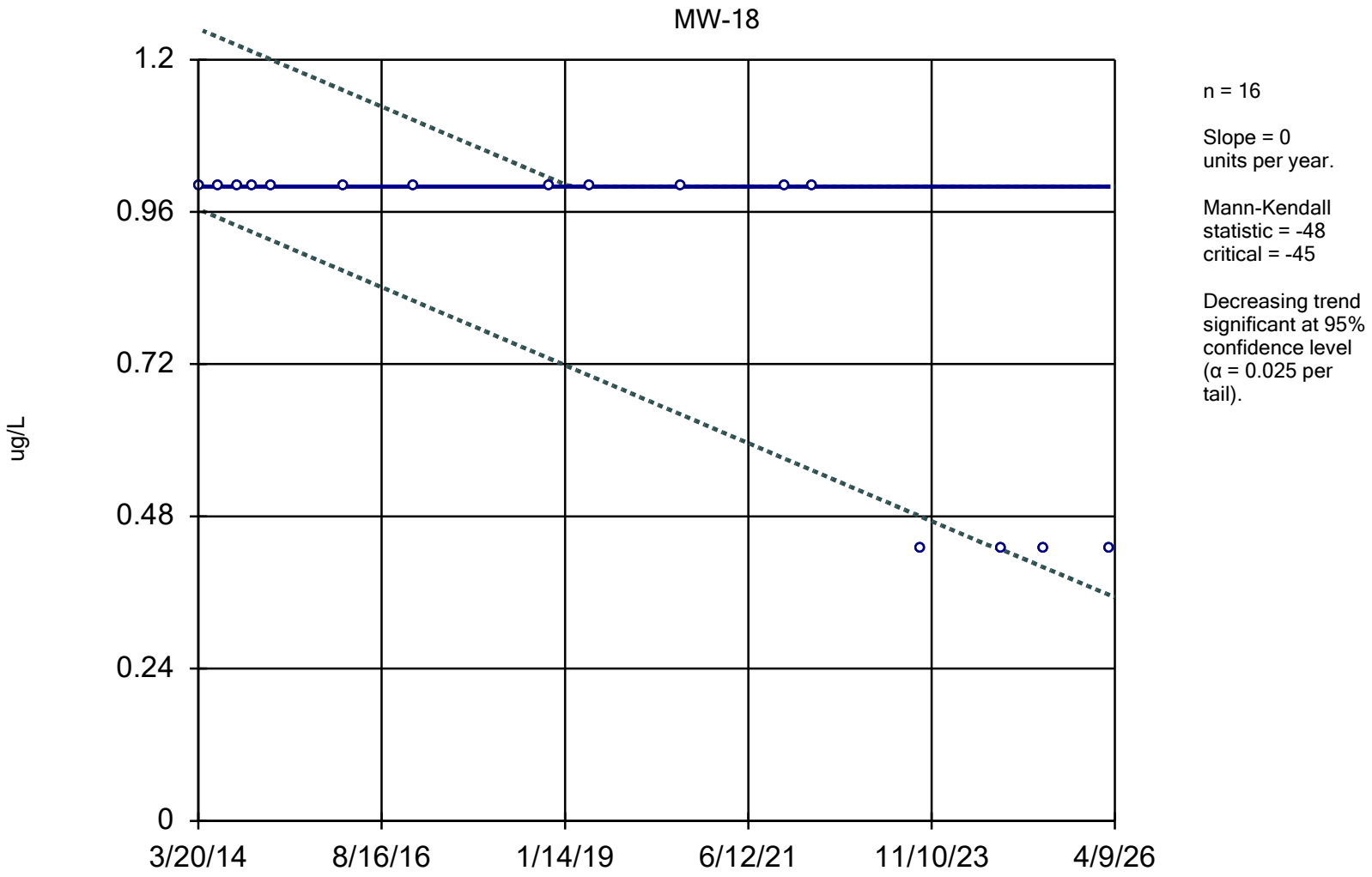


Constituent: Toluene Analysis Run 8/19/2026 1:15 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



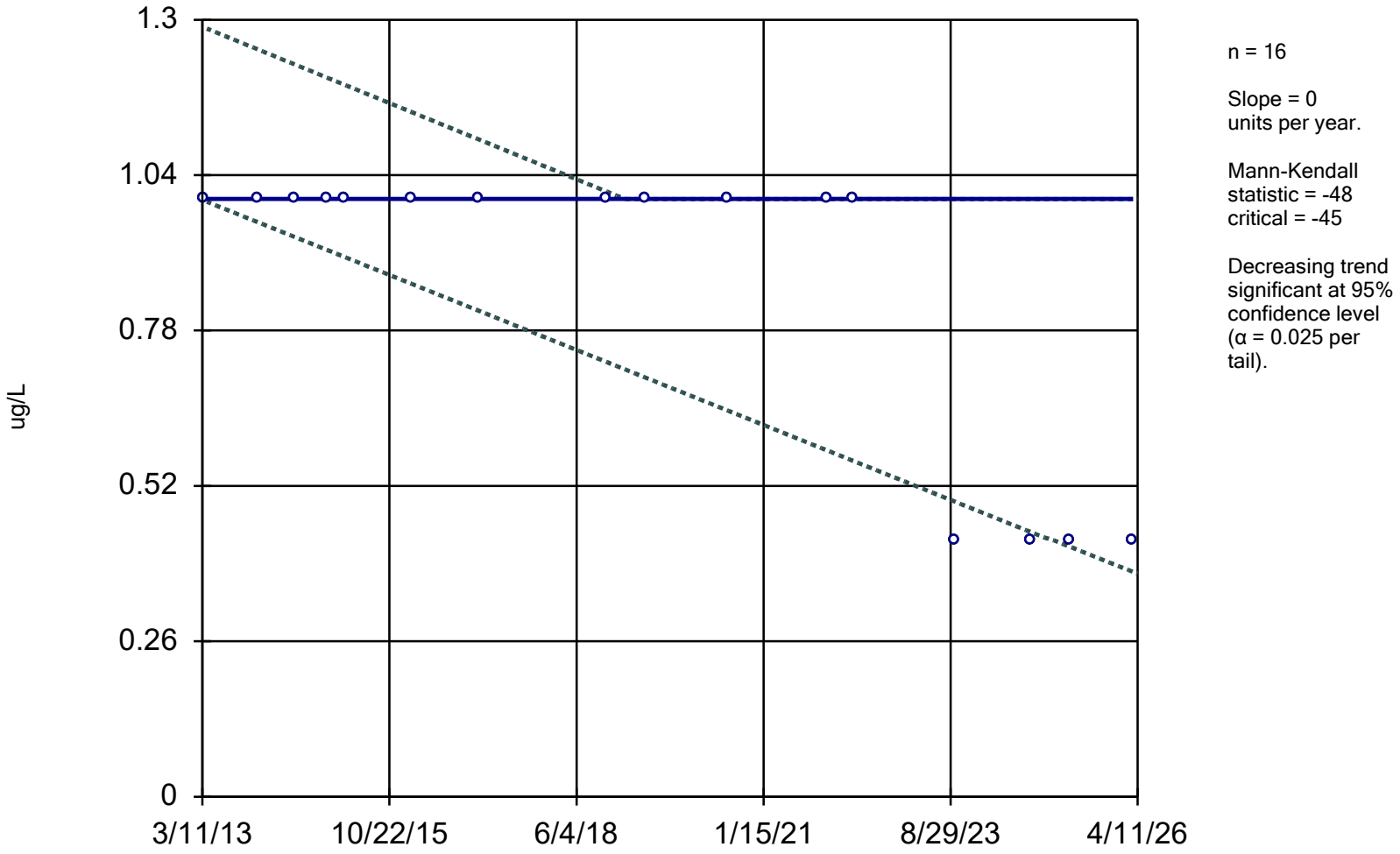
Constituent: Toluene Analysis Run 8/19/2026 1:15 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-19



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

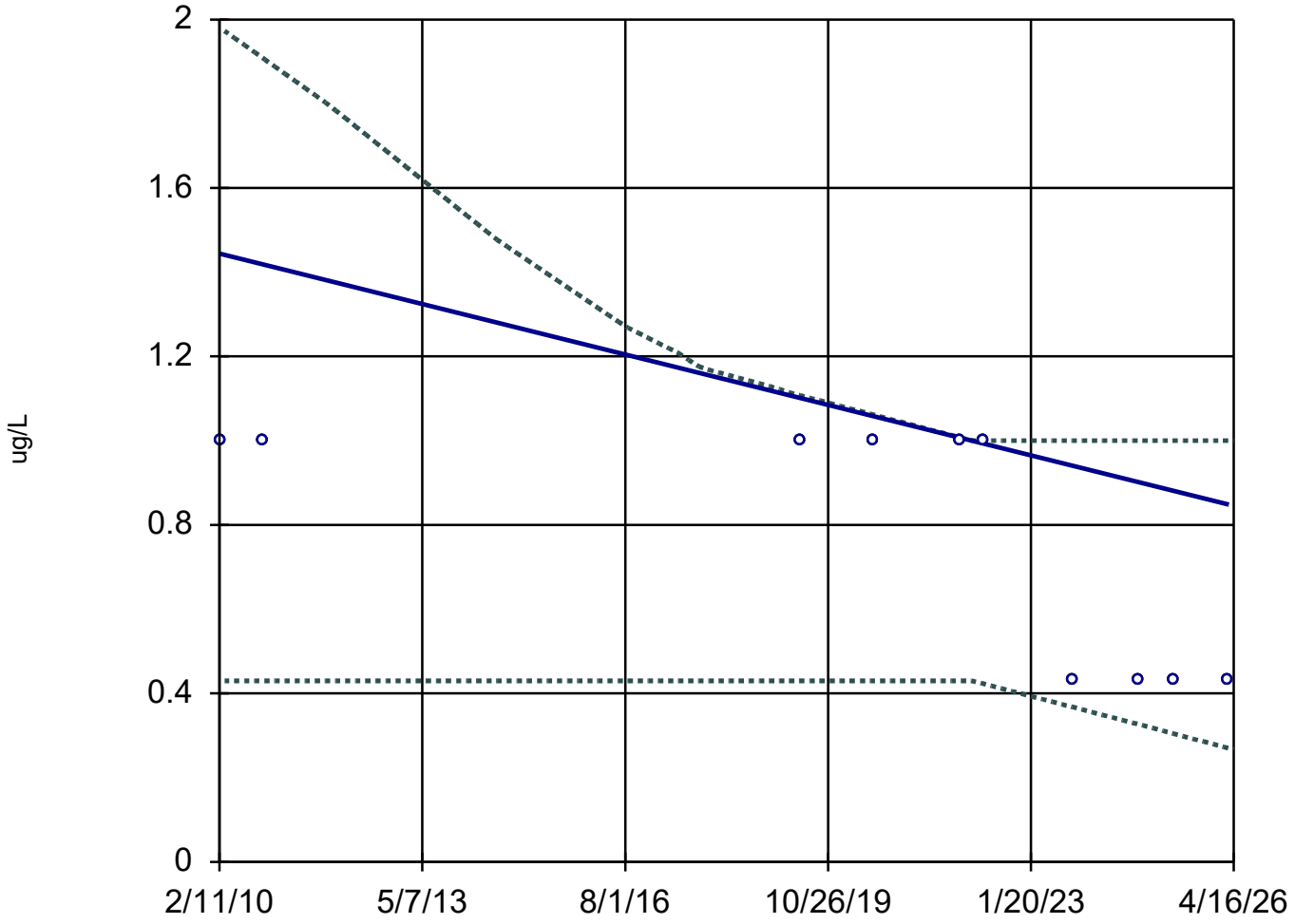
Constituent: Toluene Analysis Run 8/19/2026 1:15 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-24R (bg)



n = 10

Slope = -0.03698 units per year.

Mann-Kendall statistic = -24
critical = -23

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

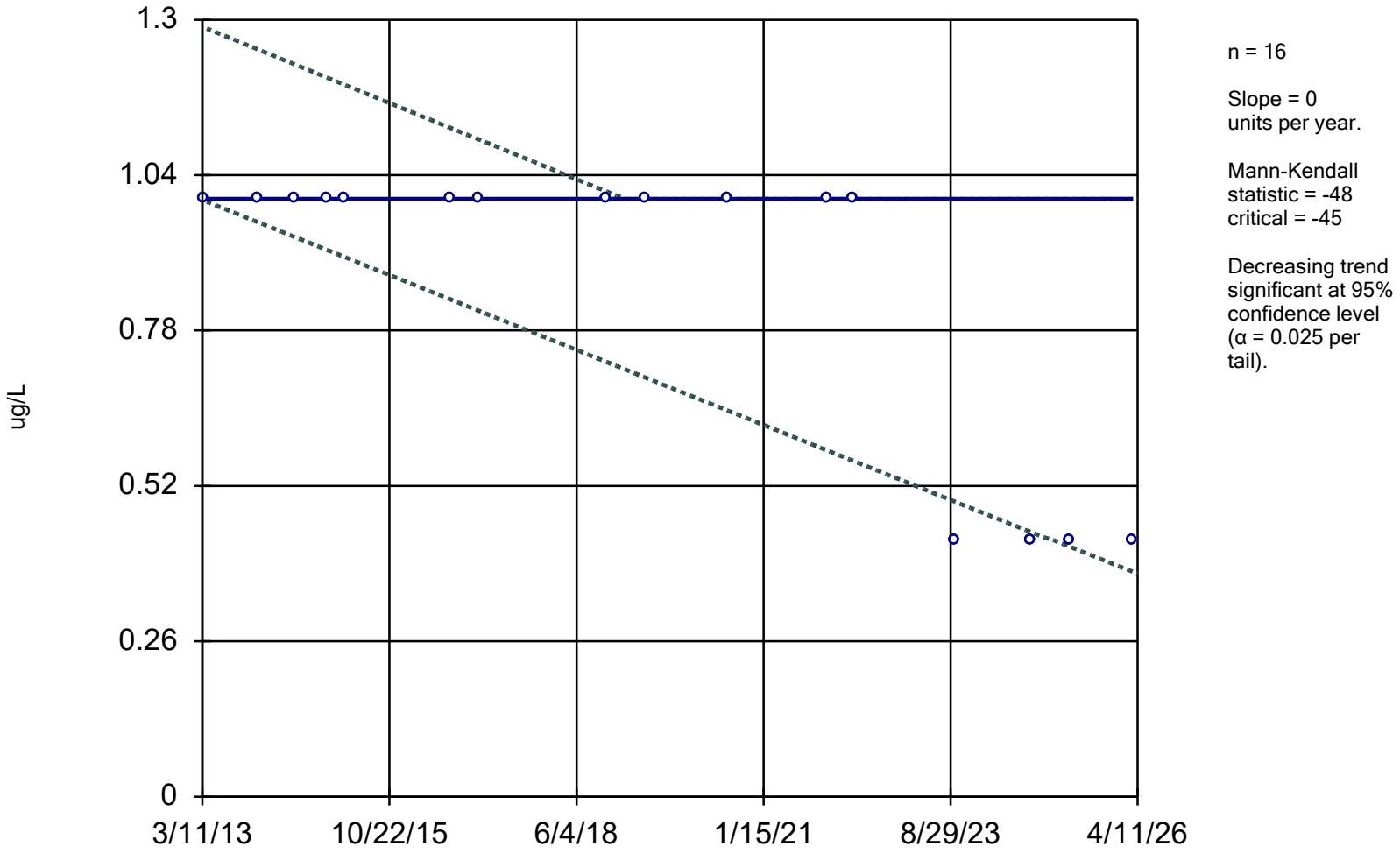
Constituent: Toluene Analysis Run 8/19/2026 1:15 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-28



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

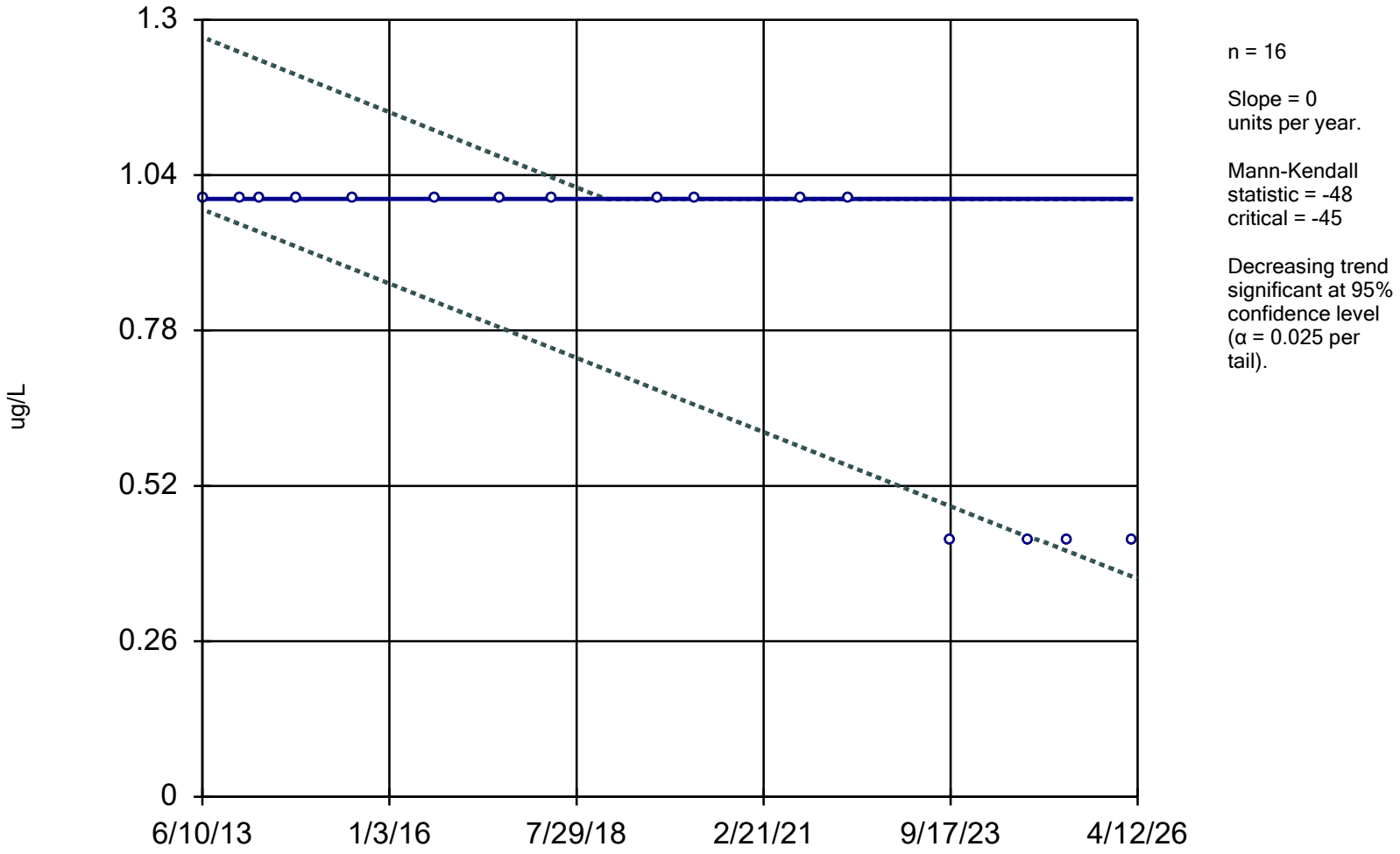
Constituent: Toluene Analysis Run 8/19/2026 1:15 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-30R



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

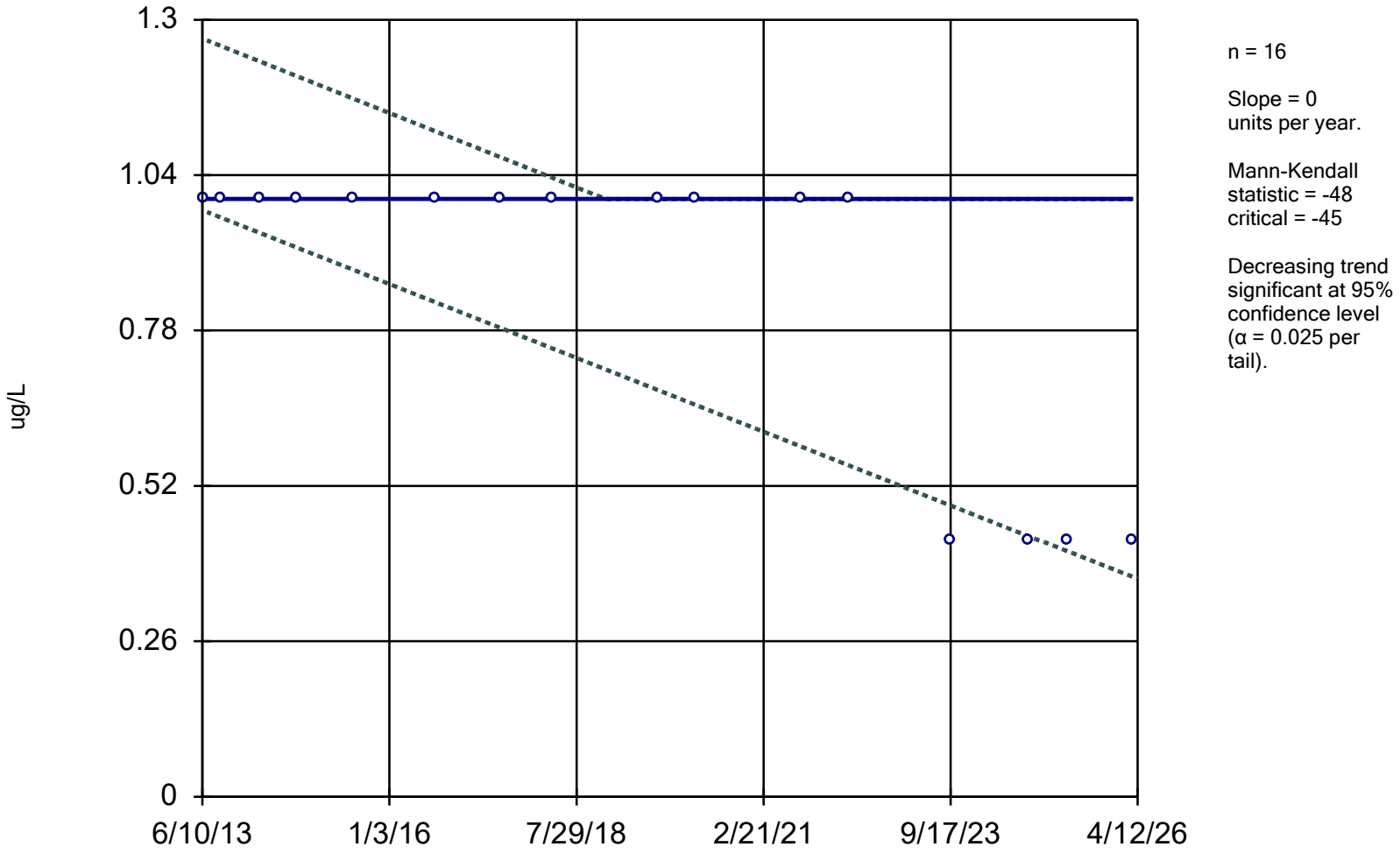
Constituent: Toluene Analysis Run 8/19/2026 1:15 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-33R



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

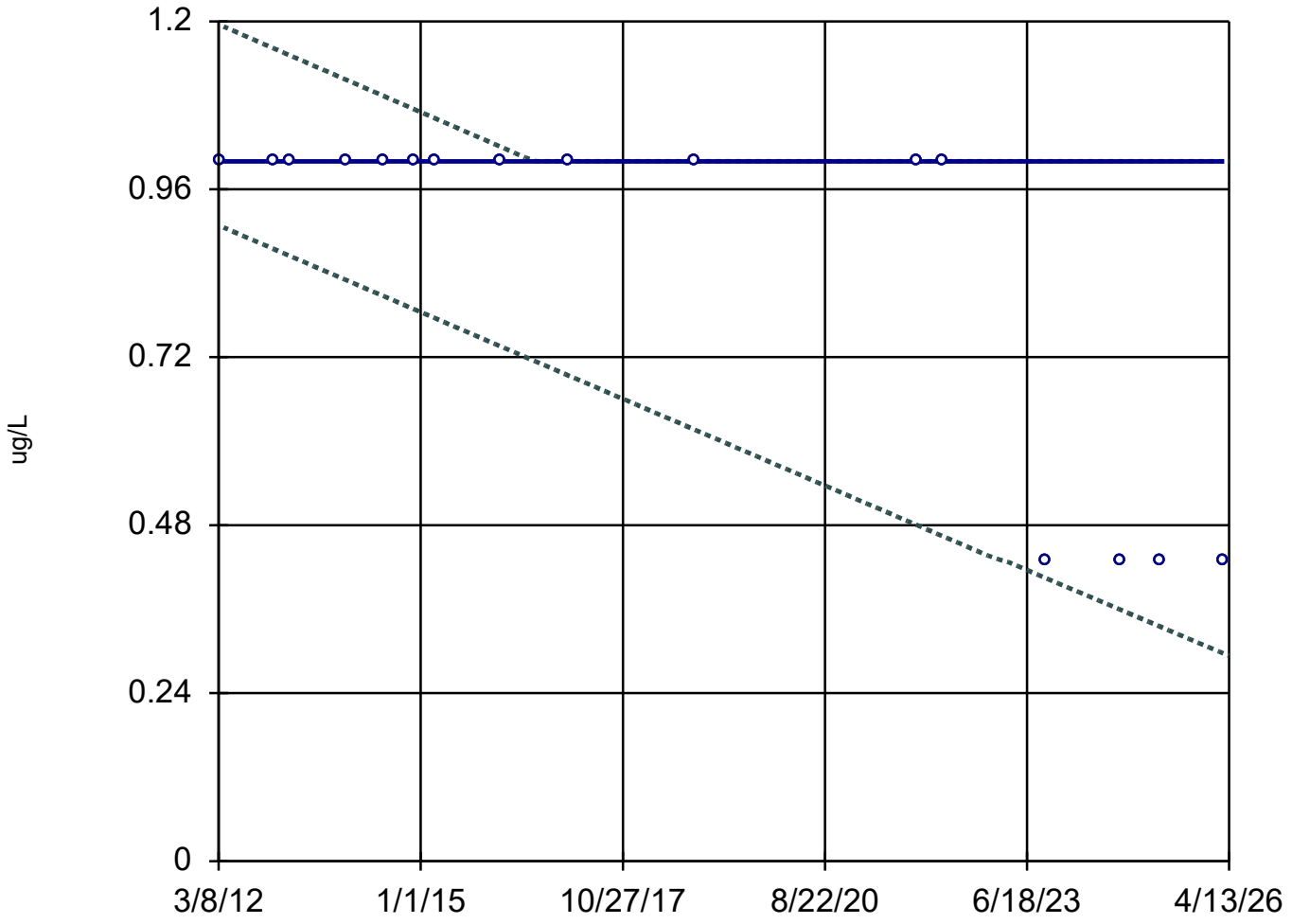
Constituent: Toluene Analysis Run 8/19/2026 1:15 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-39



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

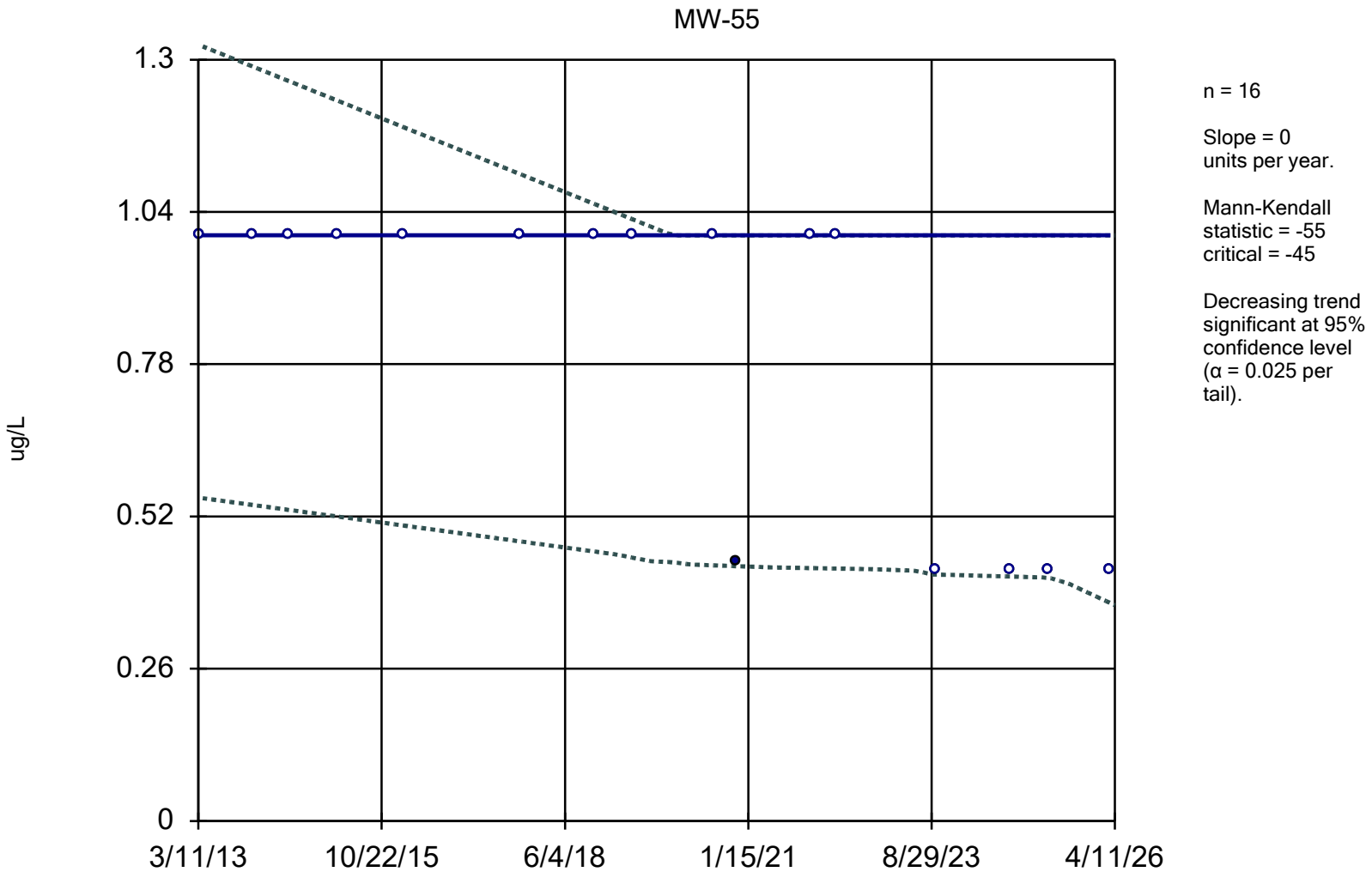
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Toluene Analysis Run 8/19/2026 1:15 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



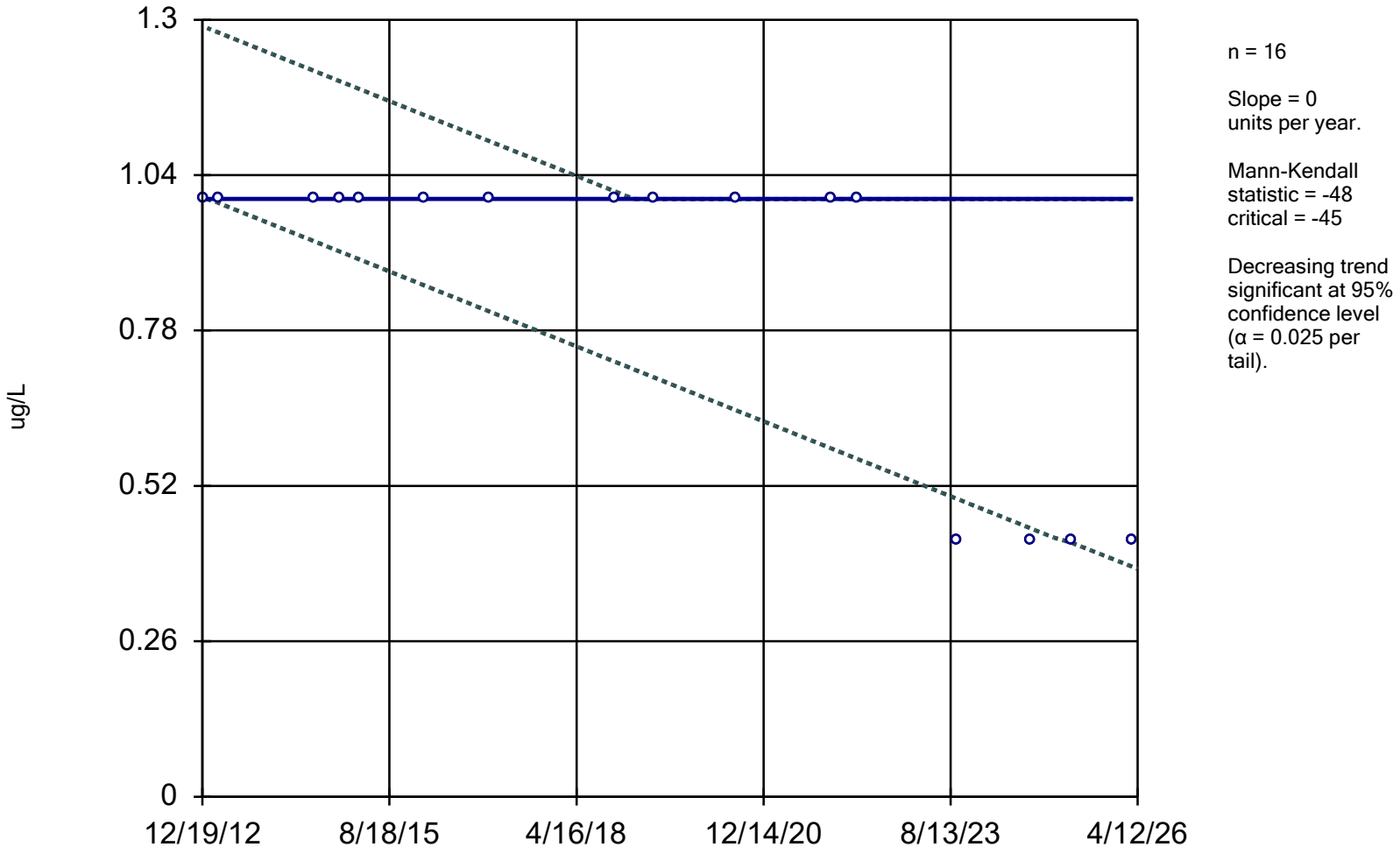
Constituent: Toluene Analysis Run 8/19/2026 1:15 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-56



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

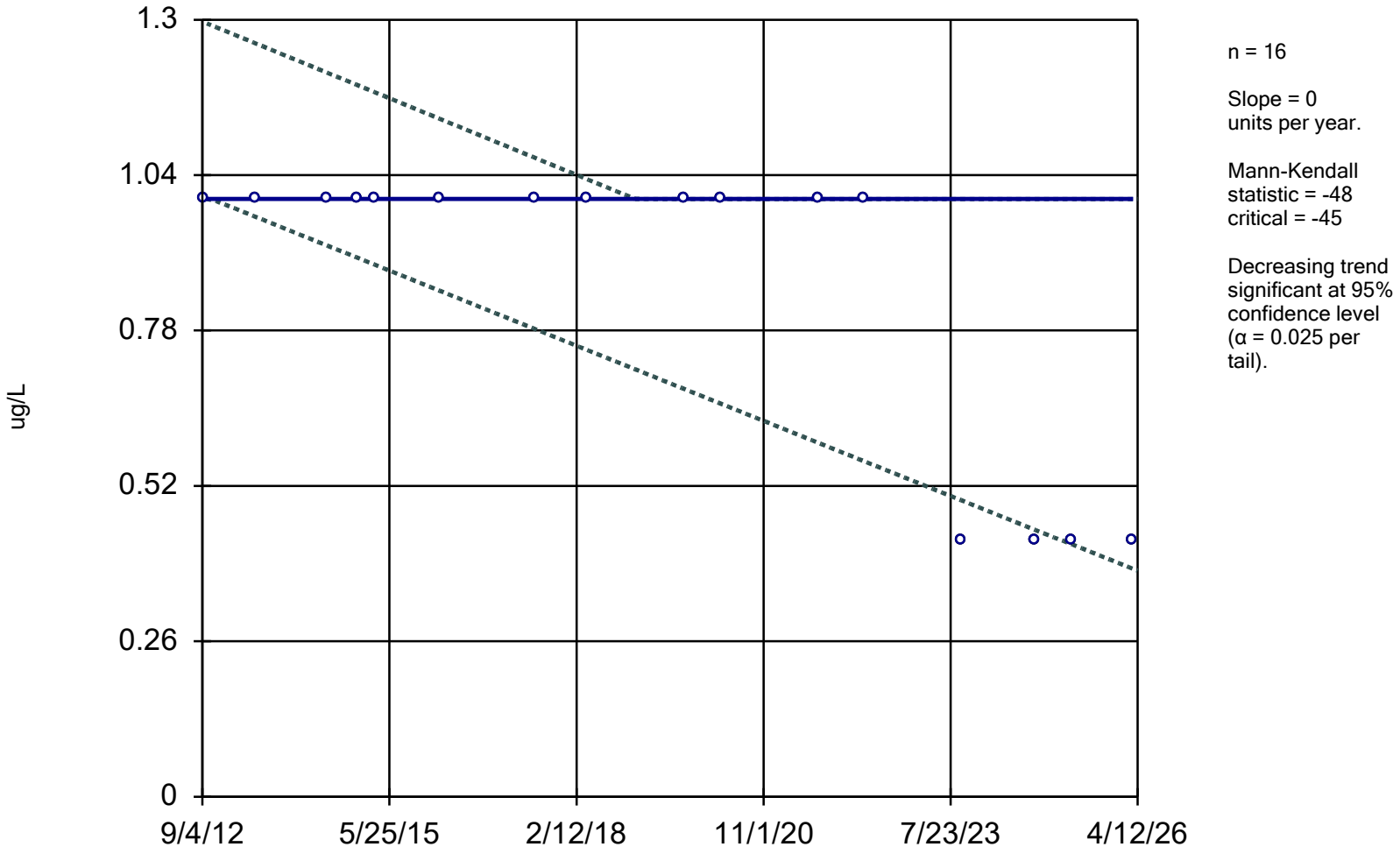
Constituent: Toluene Analysis Run 8/19/2026 1:15 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-58



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -48
critical = -45

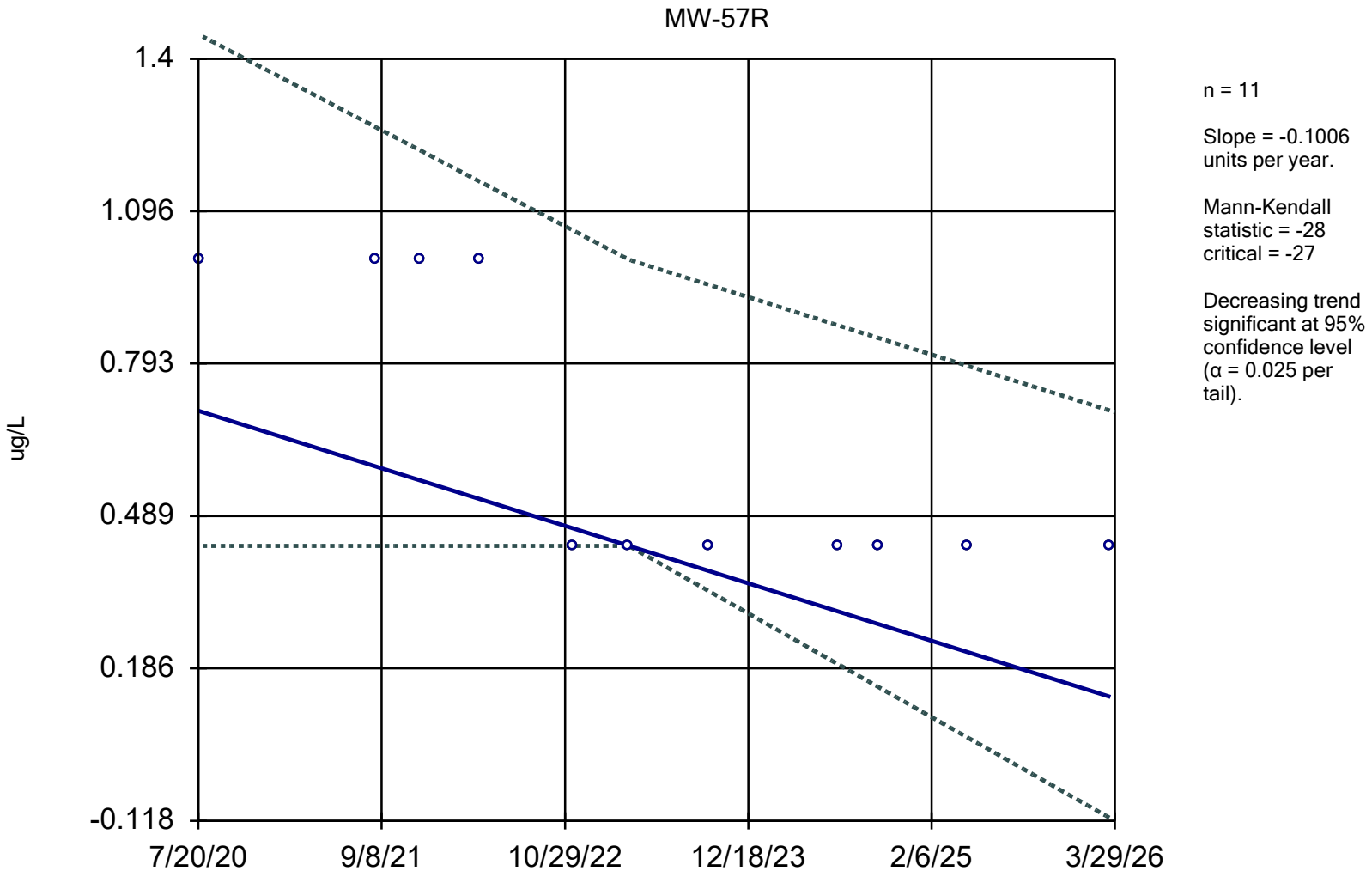
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Toluene Analysis Run 8/19/2026 1:15 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 11

Slope = -0.1006 units per year.

Mann-Kendall statistic = -28
critical = -27

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

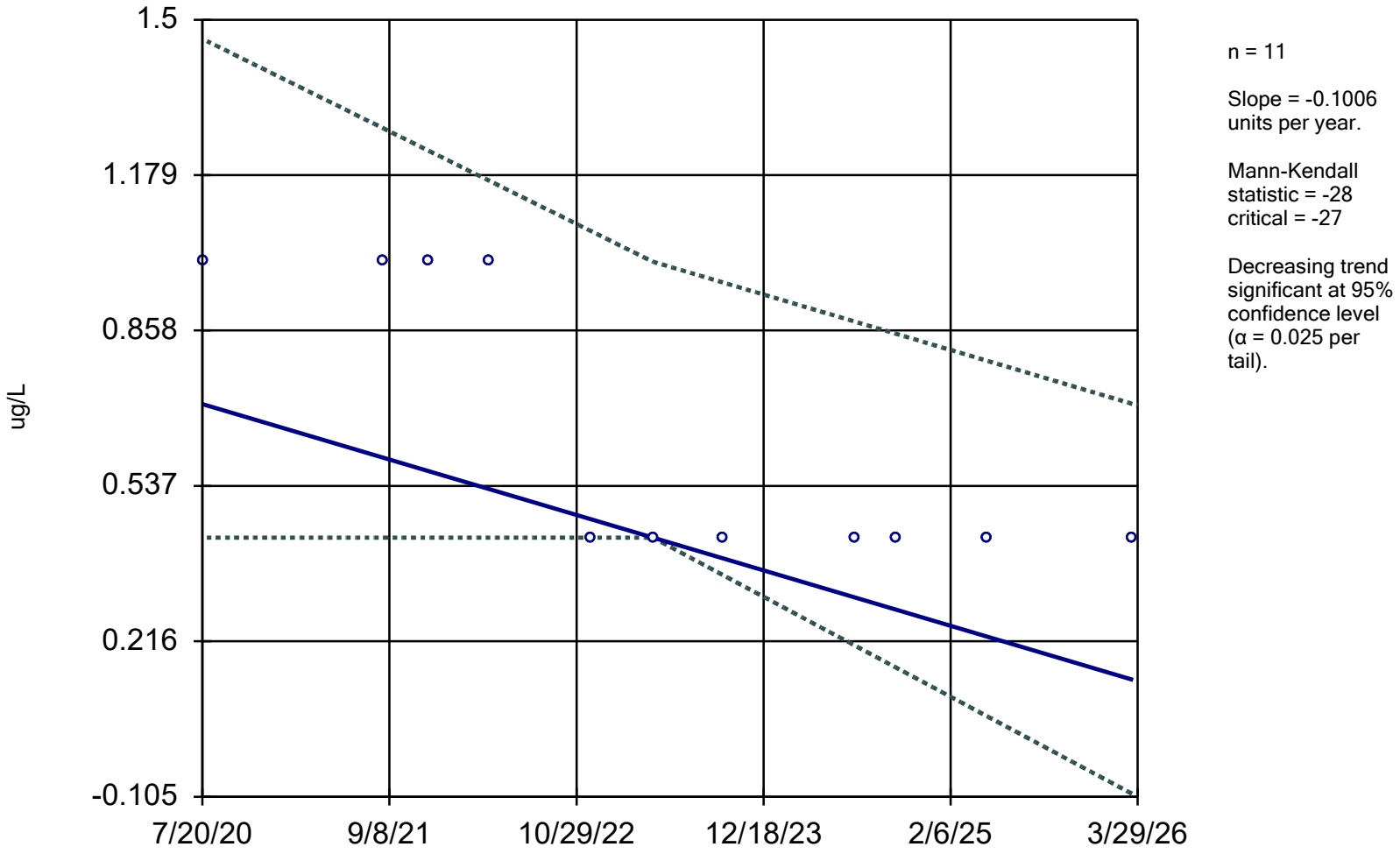
Constituent: Toluene Analysis Run 8/19/2026 1:15 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-73



n = 11

Slope = -0.1006 units per year.

Mann-Kendall statistic = -28
critical = -27

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

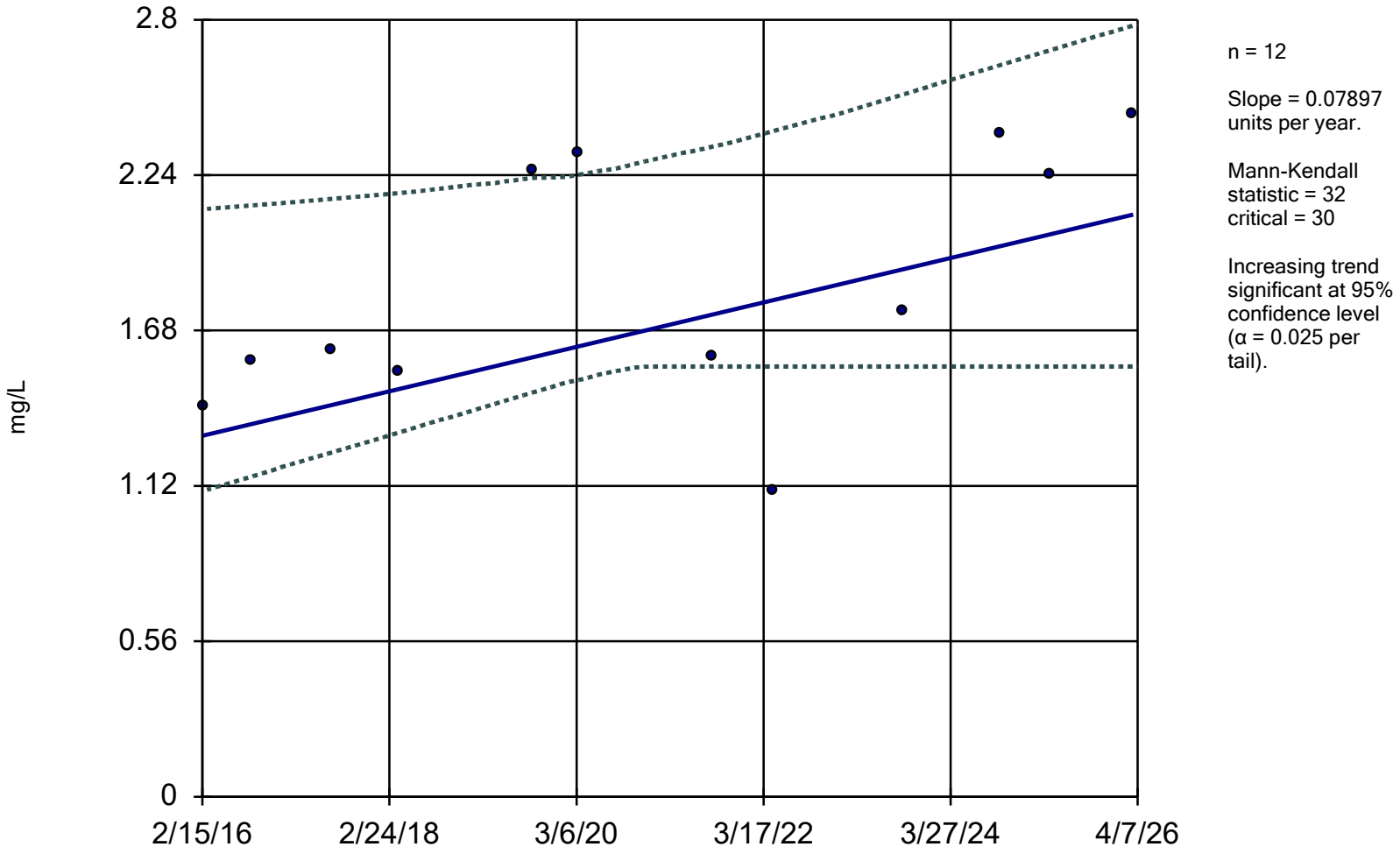
Constituent: Toluene Analysis Run 8/19/2026 1:15 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-33R



n = 12

Slope = 0.07897 units per year.

Mann-Kendall statistic = 32
critical = 30

Increasing trend significant at 95% confidence level (α = 0.025 per tail).

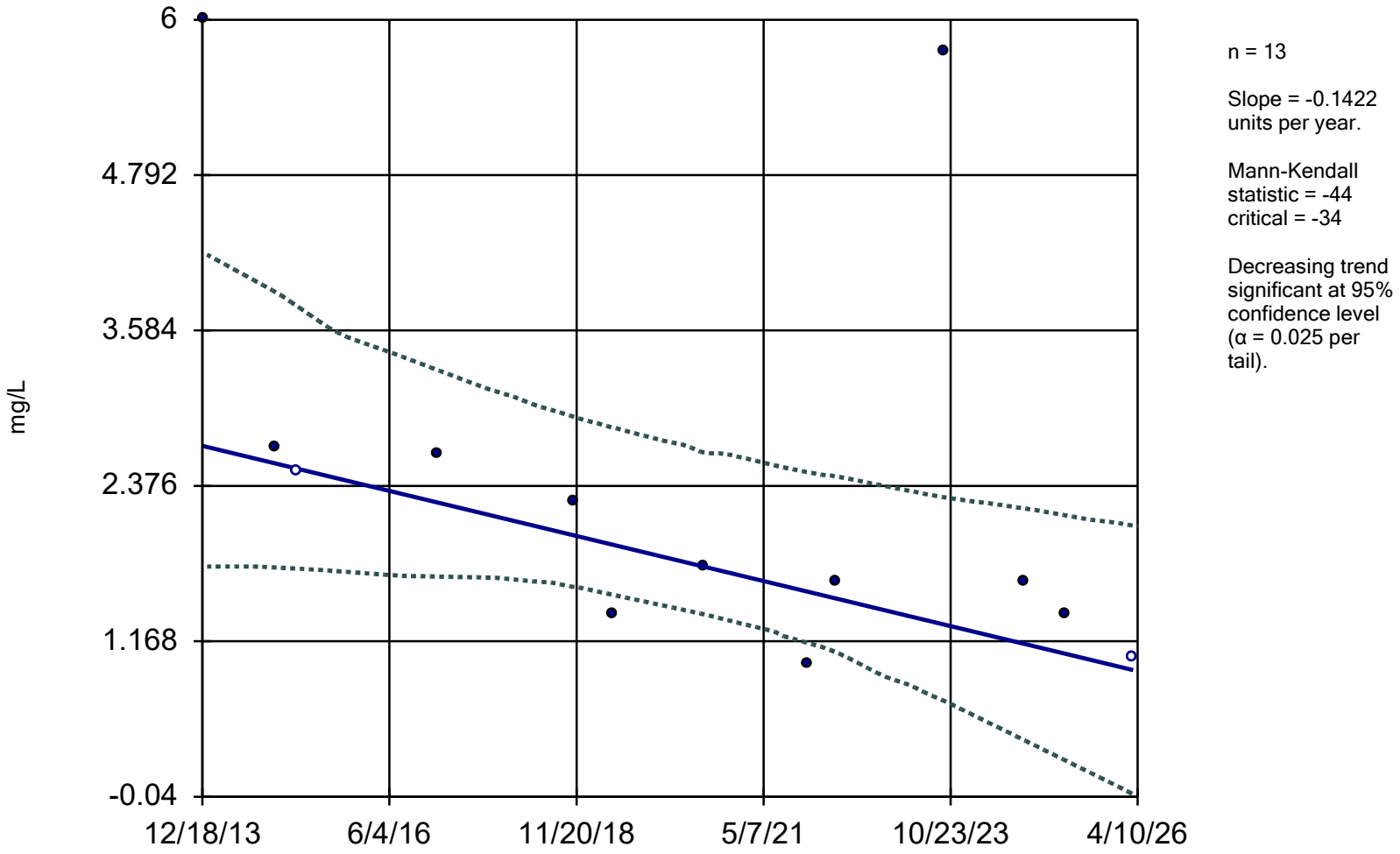
Constituent: Total Organic Carbon Analysis Run 8/19/2026 1:15 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-19



n = 13

Slope = -0.1422 units per year.

Mann-Kendall statistic = -44
critical = -34

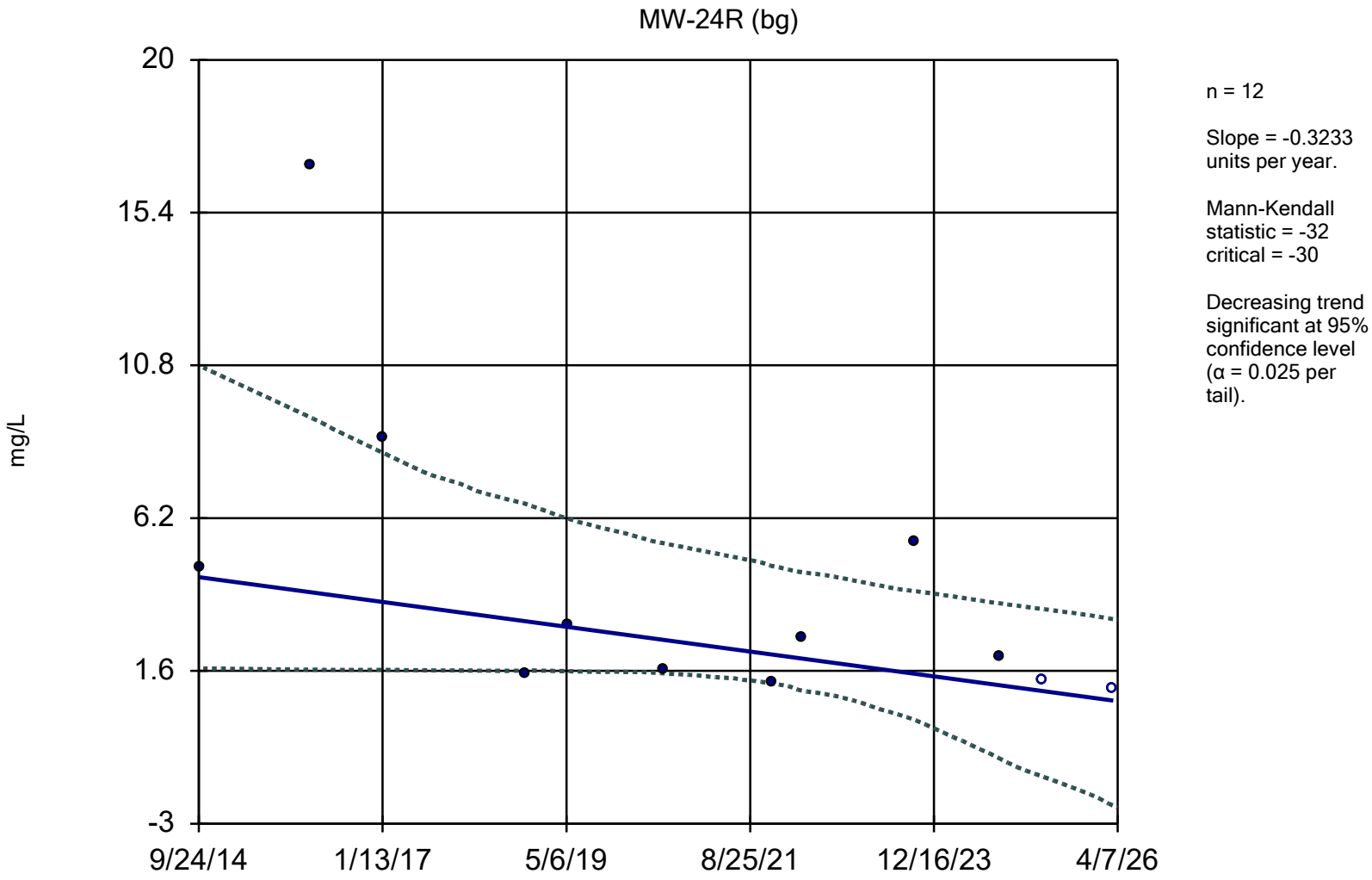
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Total Suspended Solids Analysis Run 8/19/2026 1:15 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



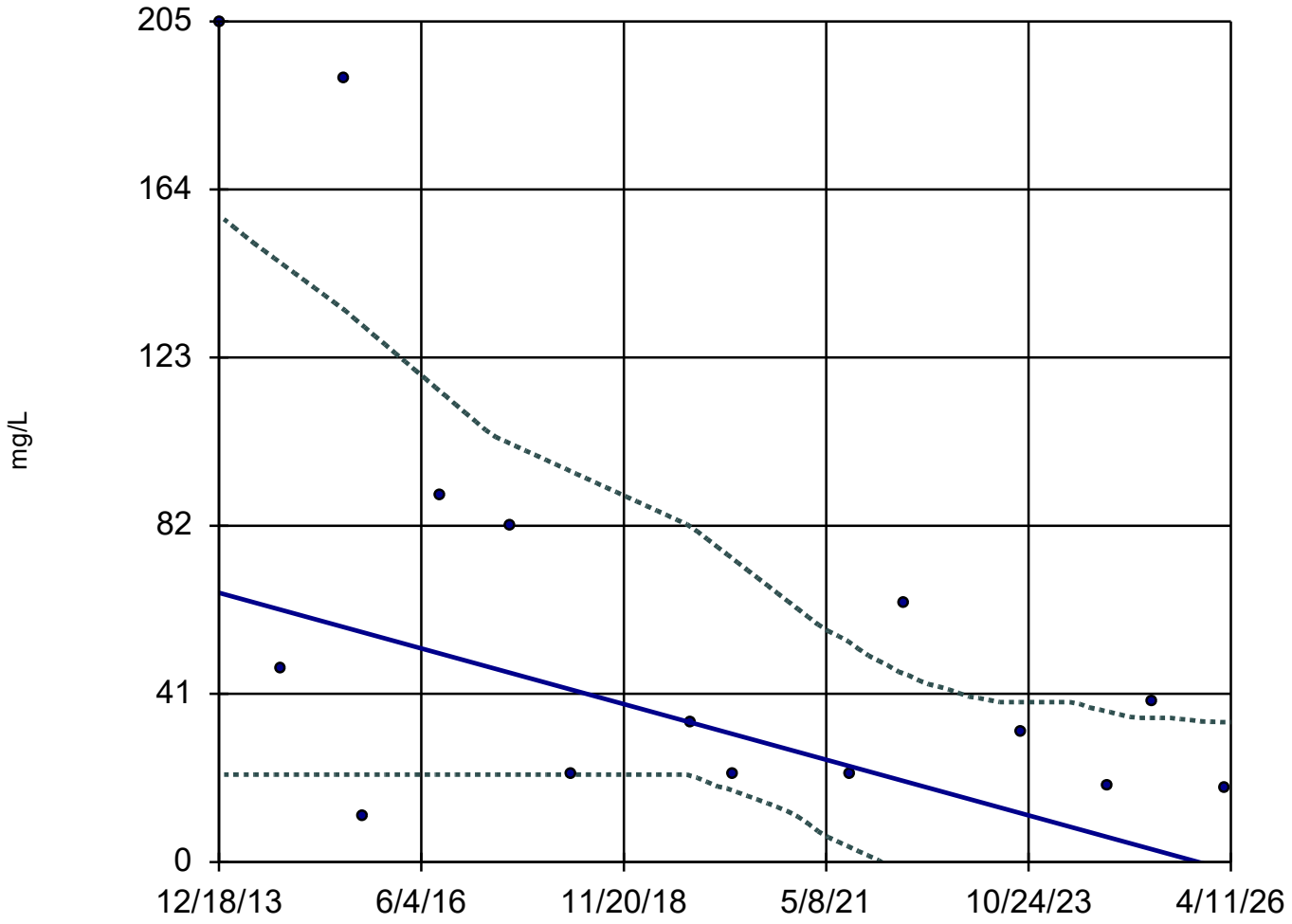
Constituent: Total Suspended Solids Analysis Run 8/19/2026 1:15 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-30R



n = 15

Slope = -5.507 units per year.

Mann-Kendall statistic = -42
critical = -41

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

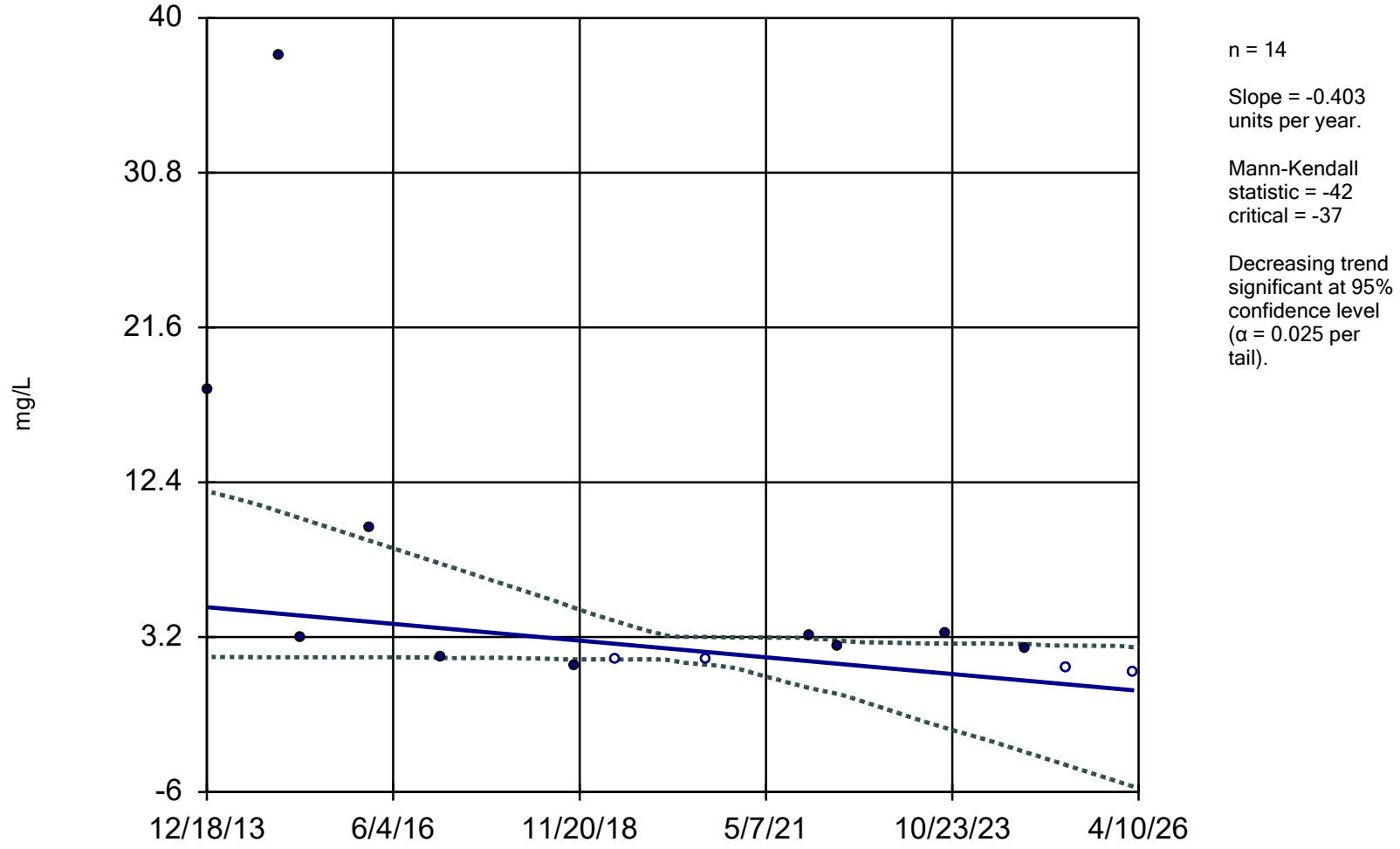
Constituent: Total Suspended Solids Analysis Run 8/19/2026 1:15 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-39



n = 14

Slope = -0.403 units per year.

Mann-Kendall statistic = -42
critical = -37

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

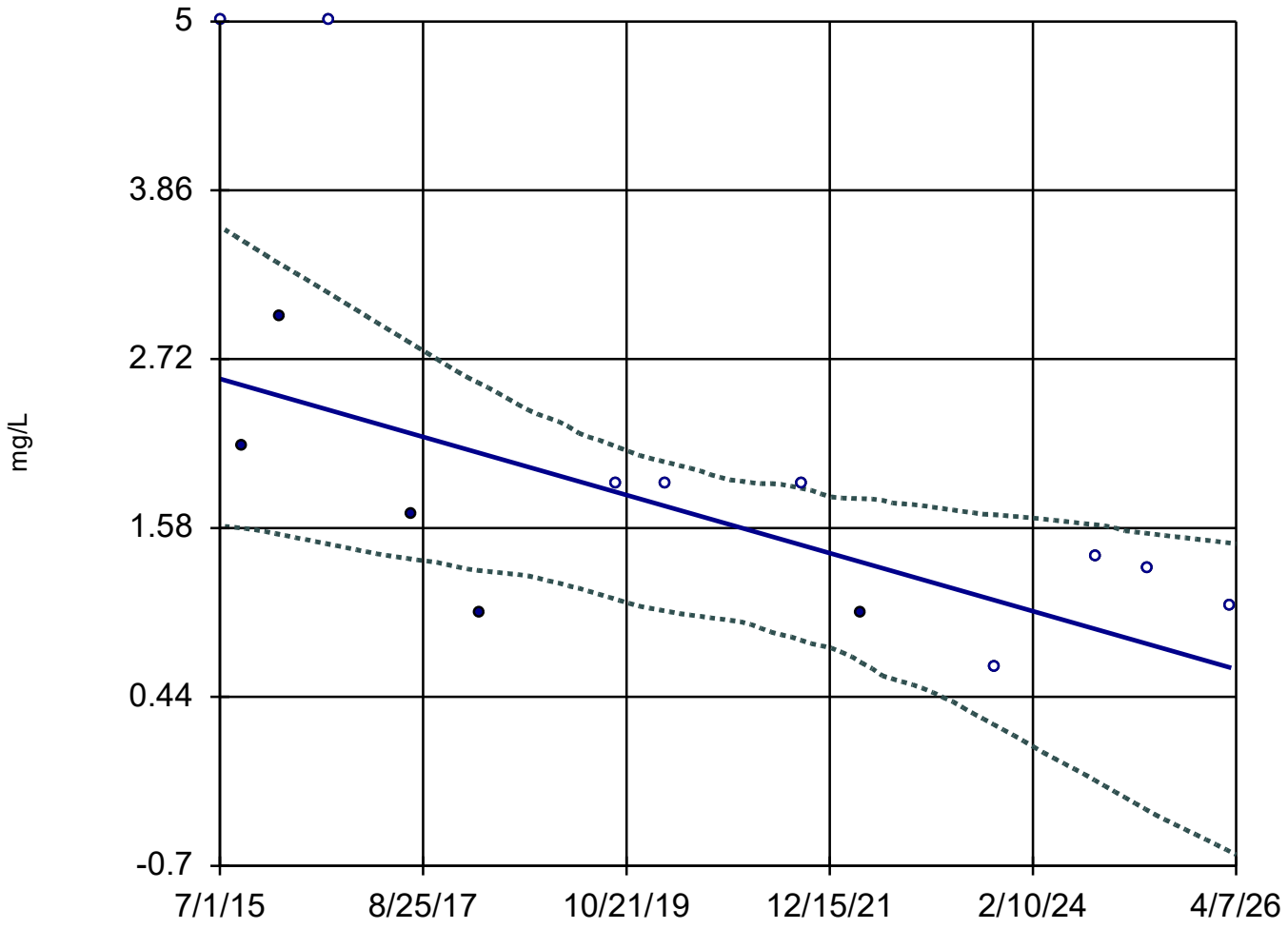
Constituent: Total Suspended Solids Analysis Run 8/19/2026 1:16 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

PZ-13



n = 14

Slope = -0.182 units per year.

Mann-Kendall statistic = -50
critical = -37

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

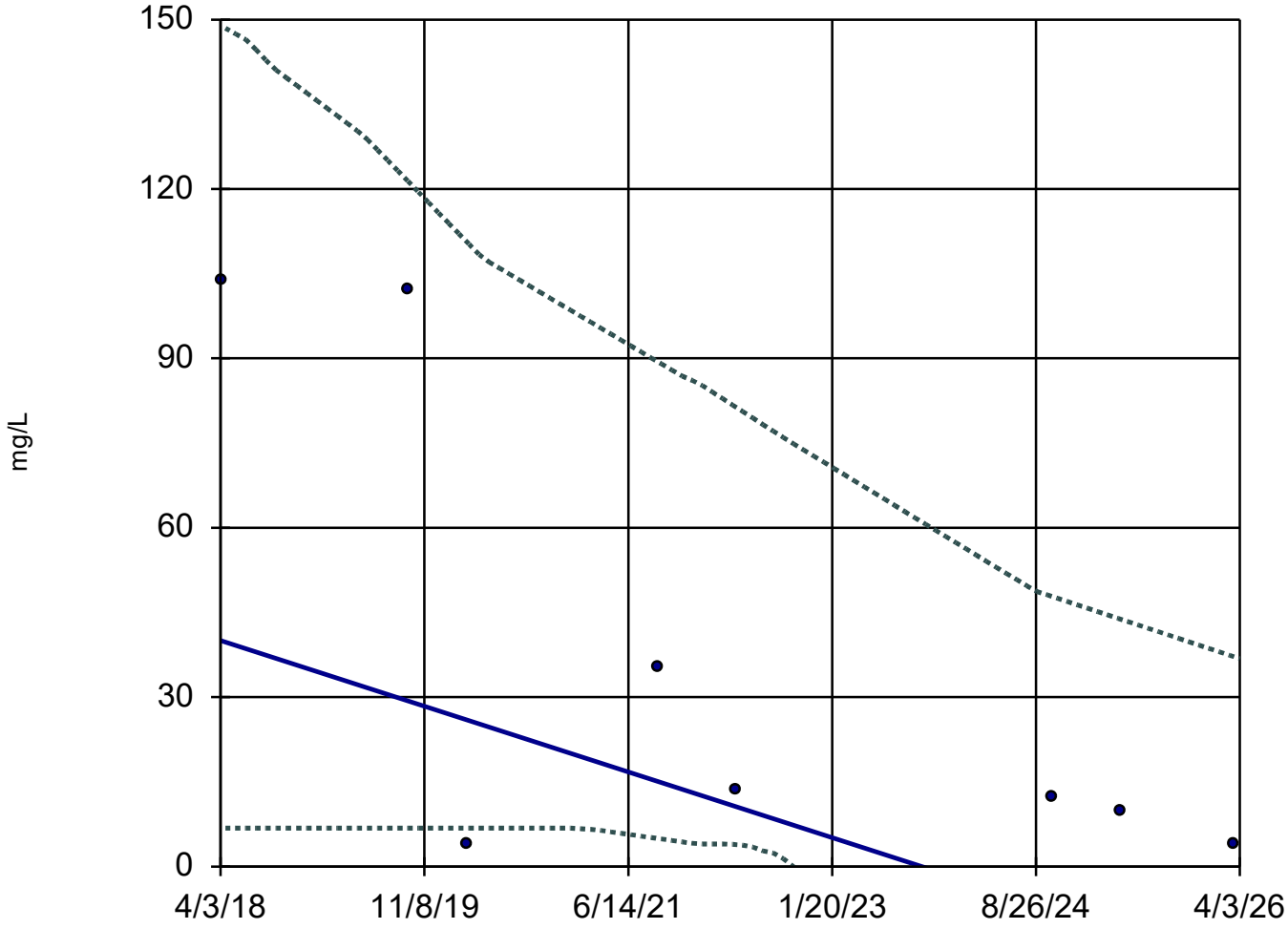
Constituent: Total Suspended Solids Analysis Run 8/19/2026 1:16 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

SW-103



n = 8

Slope = -7.262 units per year.

Mann-Kendall statistic = -19
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

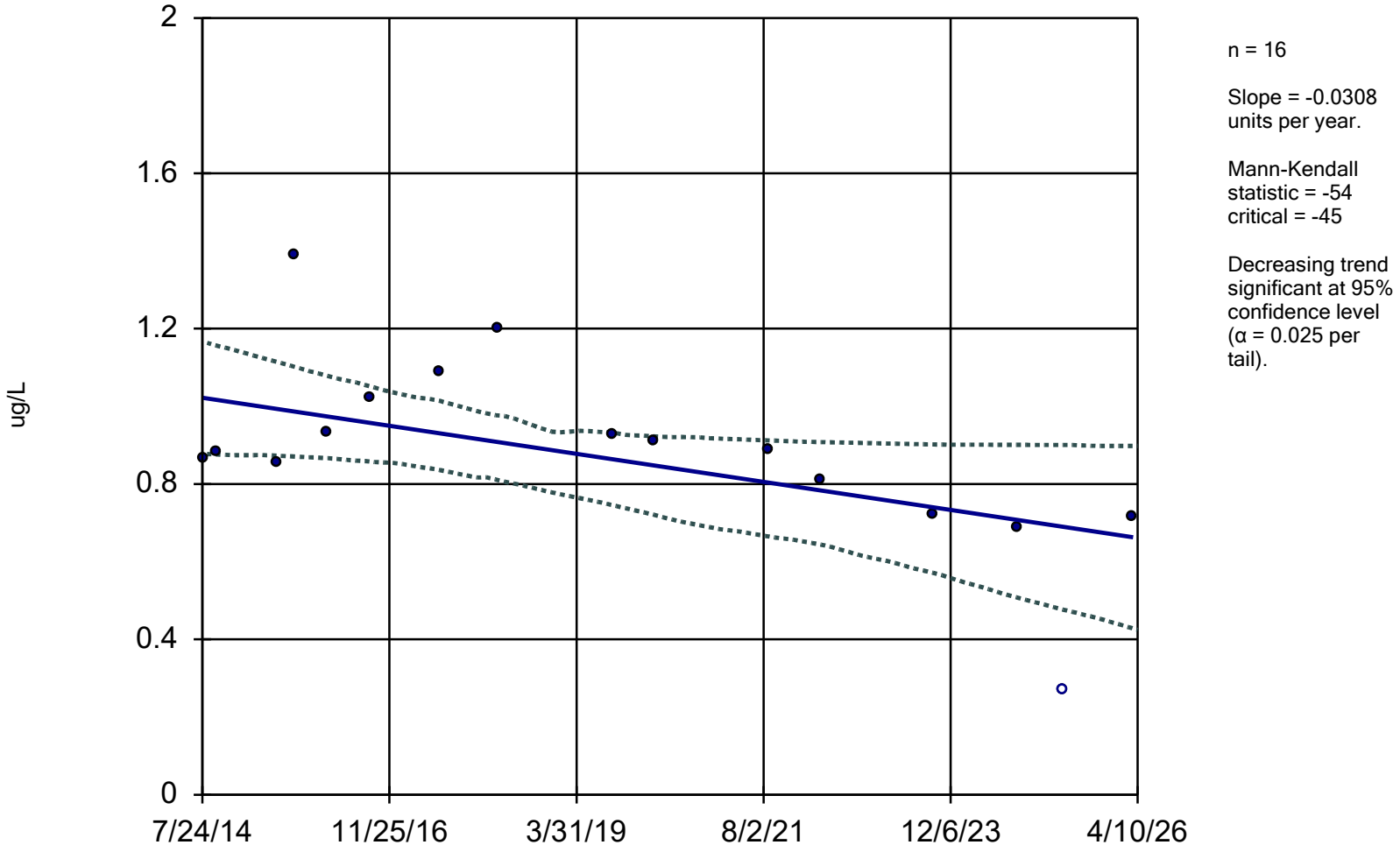
Constituent: Total Suspended Solids Analysis Run 8/19/2026 1:16 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-29



n = 16

Slope = -0.0308 units per year.

Mann-Kendall statistic = -54
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

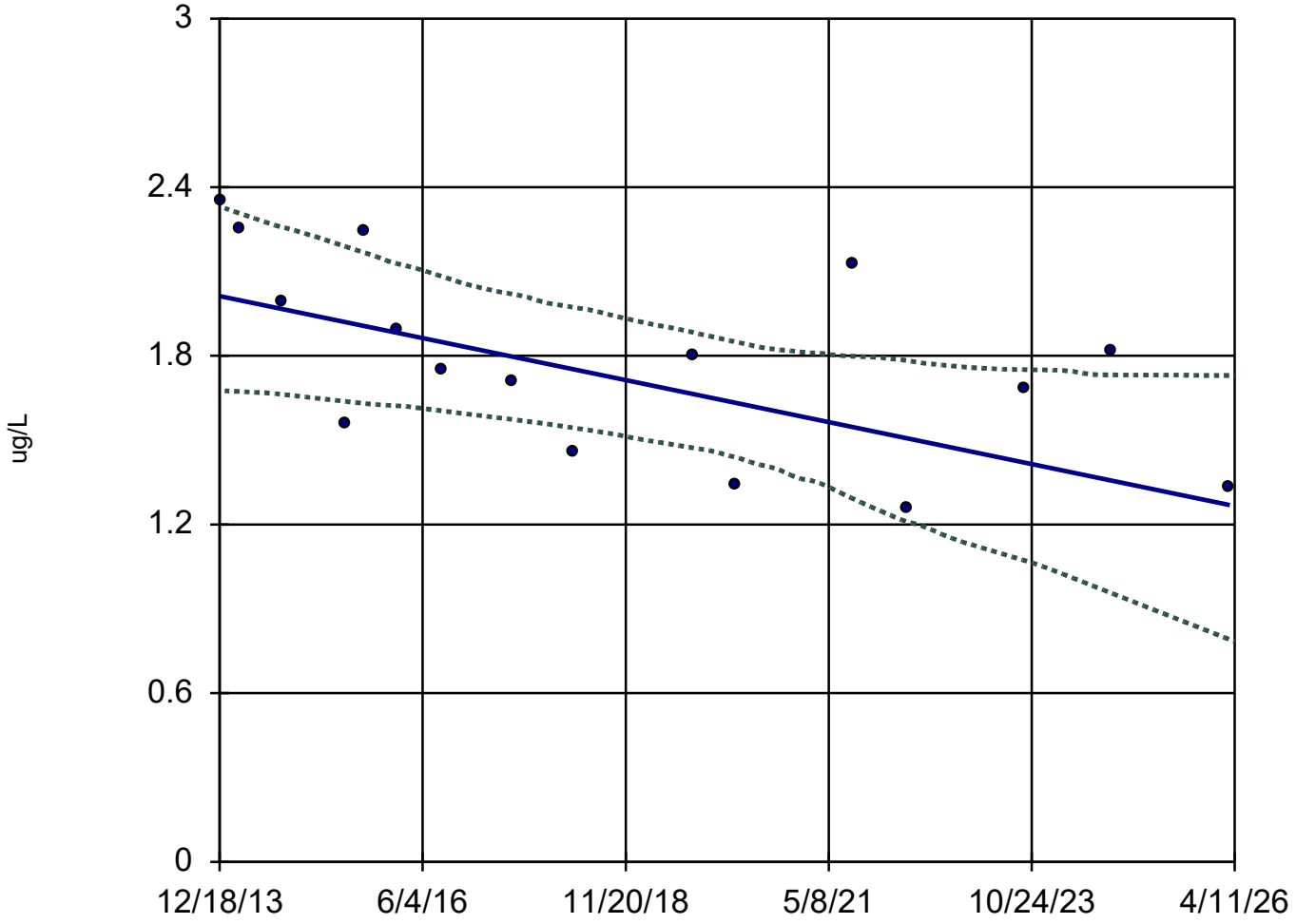
Constituent: trans-1,2-Dichloroethene Analysis Run 8/19/2026 1:16 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-30R



n = 16

Slope = -0.06065 units per year.

Mann-Kendall statistic = -60
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

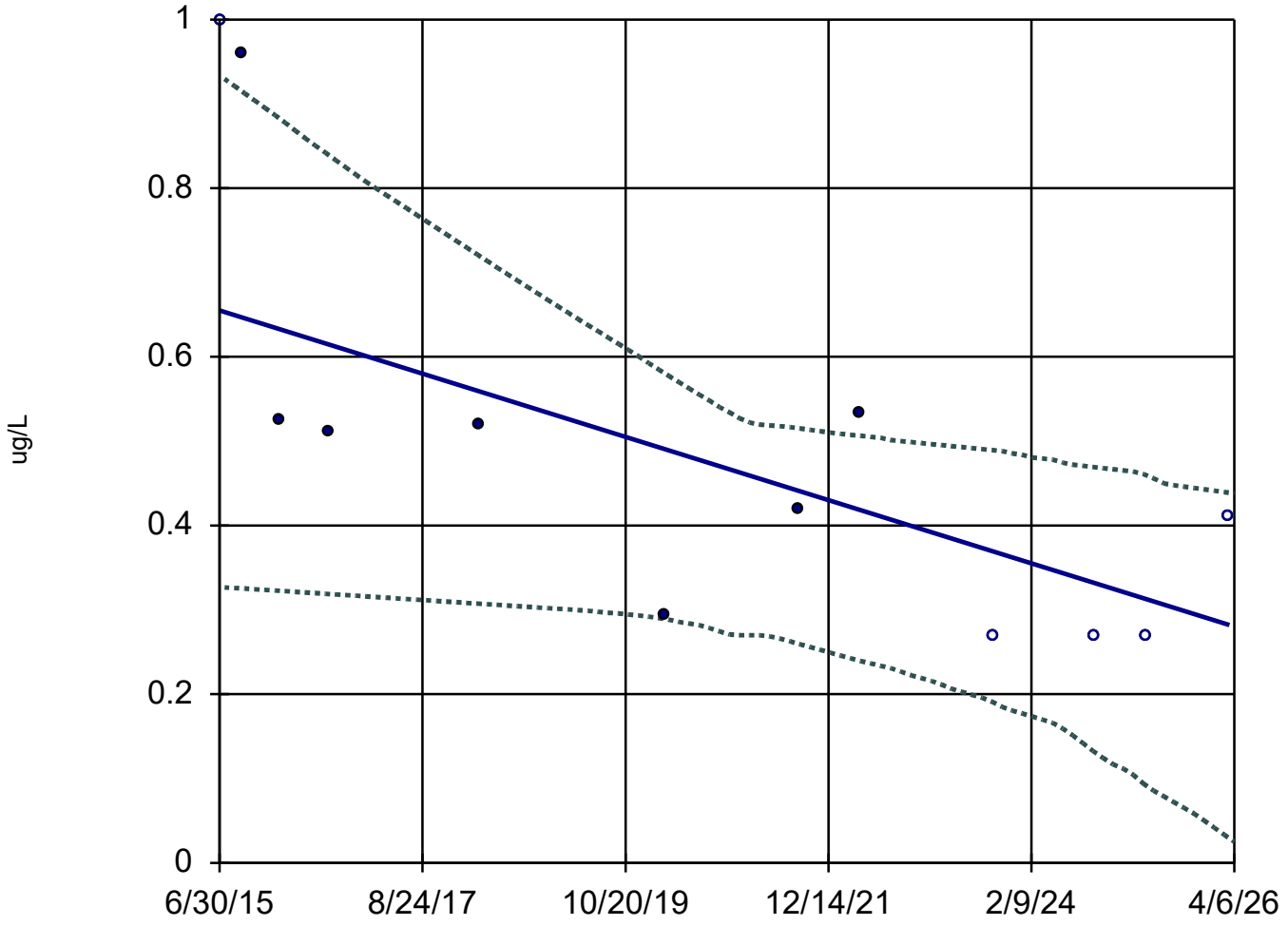
Constituent: trans-1,2-Dichloroethene Analysis Run 8/19/2026 1:16 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-68



n = 12

Slope = -0.03478 units per year.

Mann-Kendall statistic = -41
critical = -30

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

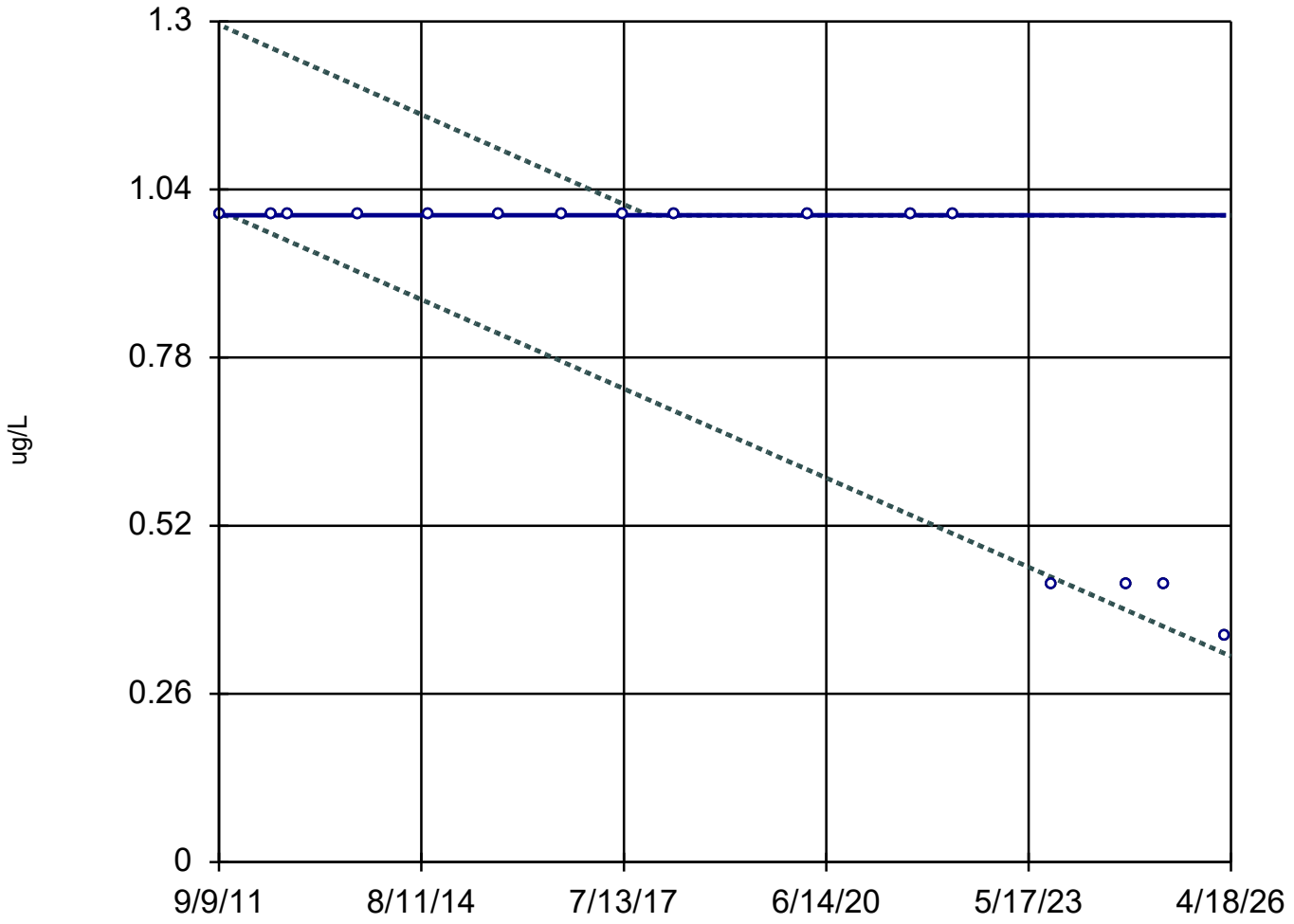
Constituent: trans-1,2-Dichloroethene Analysis Run 8/19/2026 1:16 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

GU-3A



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -51
critical = -45

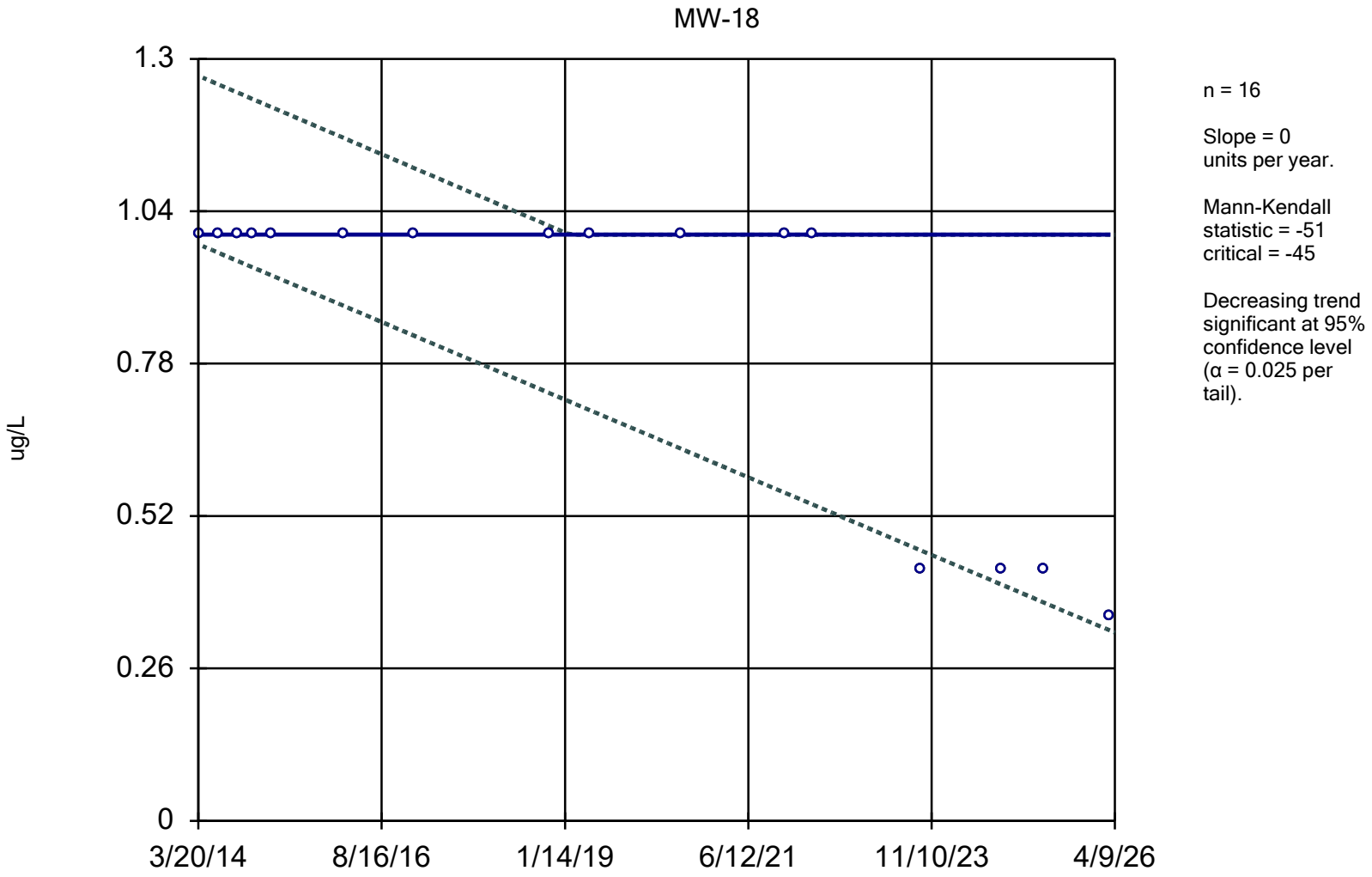
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Trichloroethene Analysis Run 8/19/2026 1:16 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

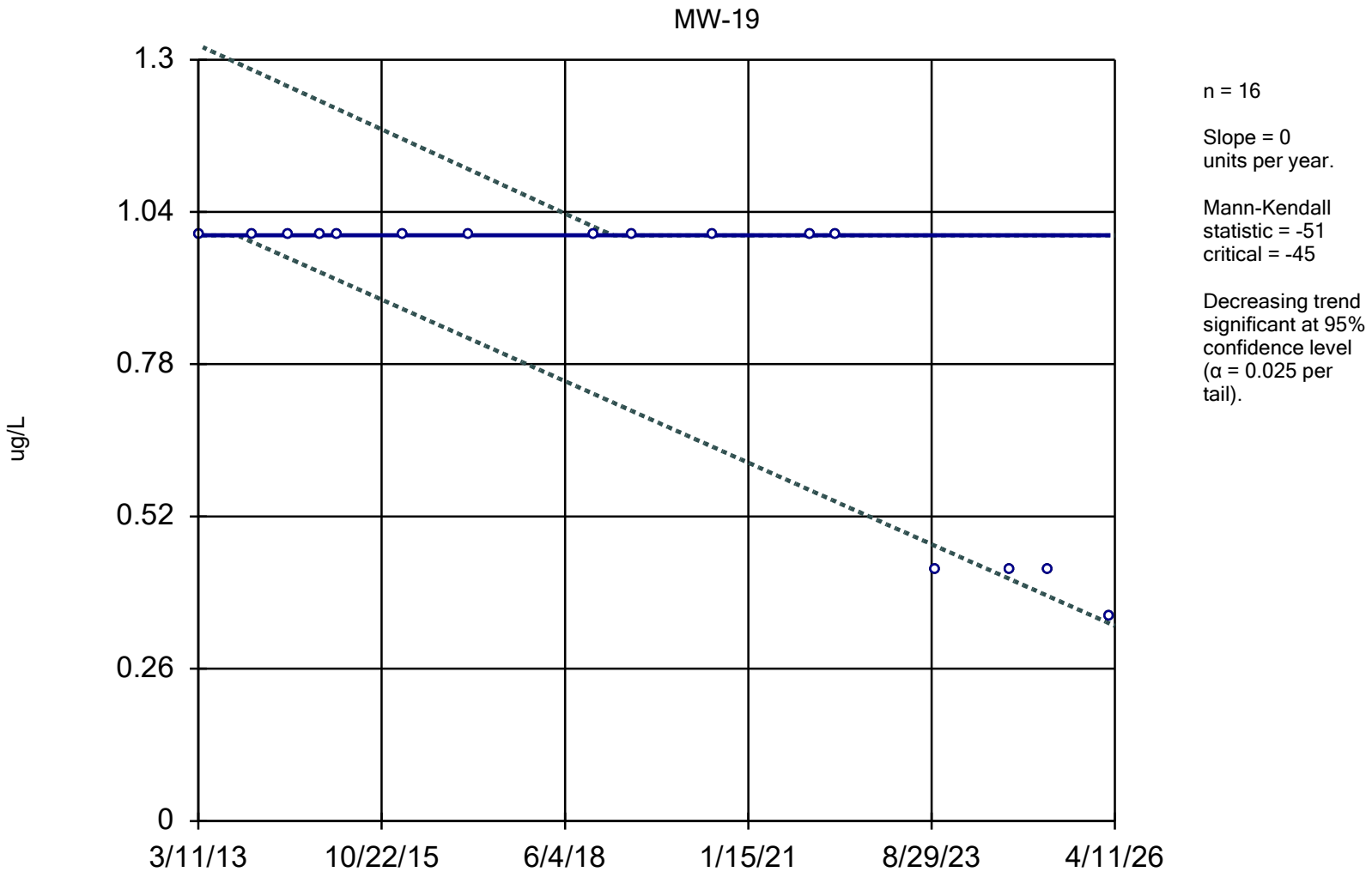


Constituent: Trichloroethene Analysis Run 8/19/2026 1:16 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

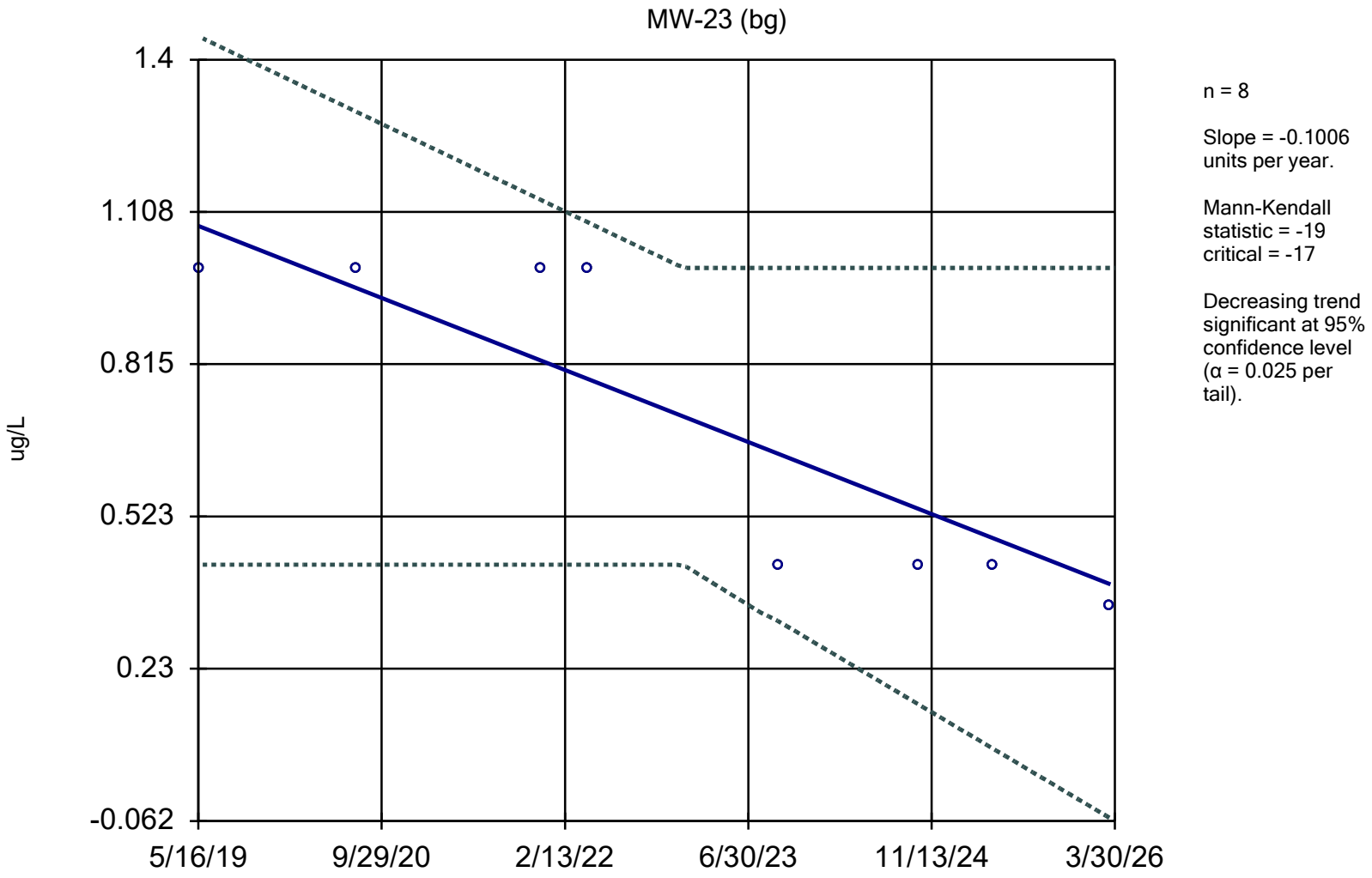


Constituent: Trichloroethene Analysis Run 8/19/2026 1:16 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 8

Slope = -0.1006 units per year.

Mann-Kendall statistic = -19
critical = -17

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

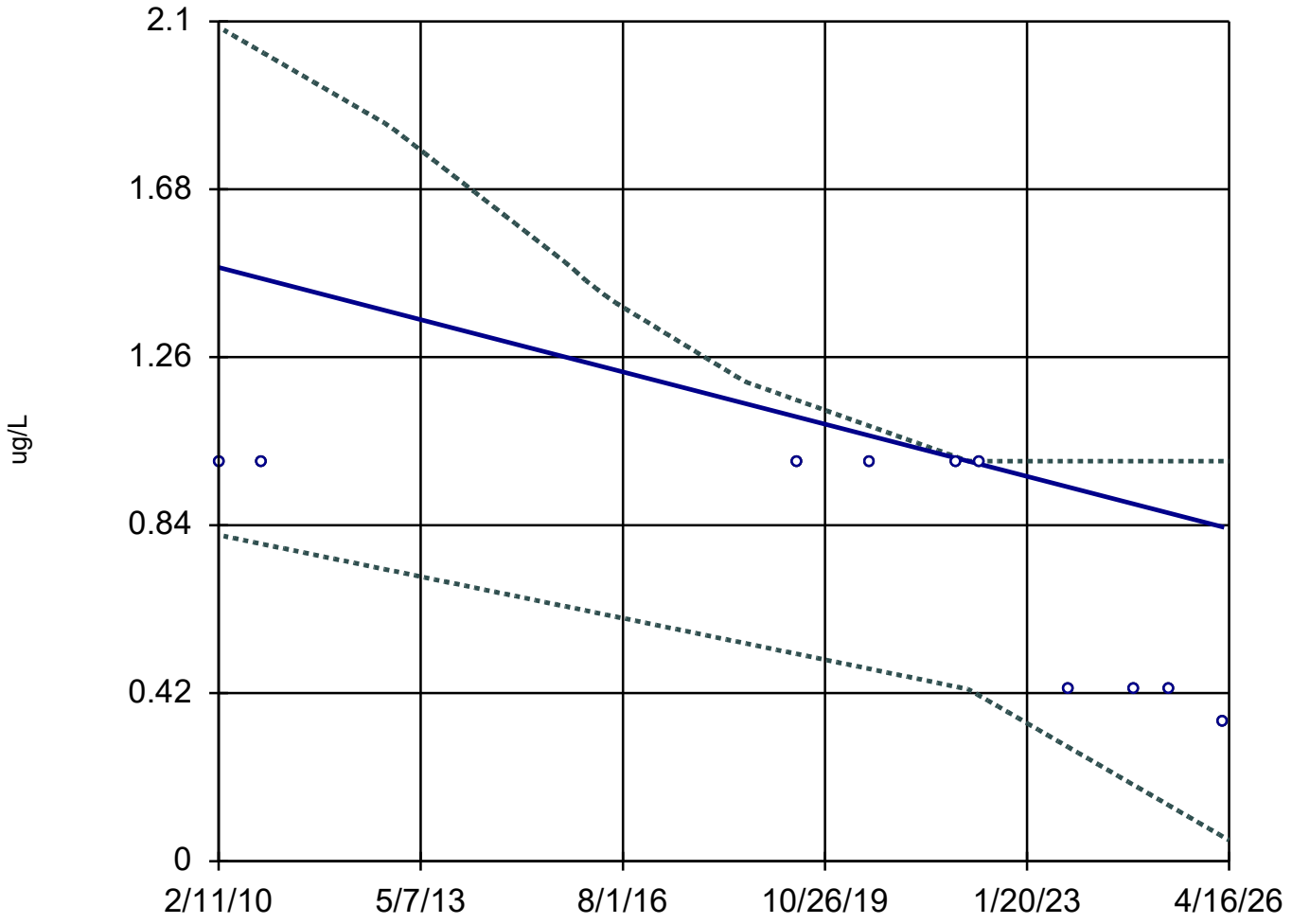
Constituent: Trichloroethene Analysis Run 8/19/2026 1:16 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-24R (bg)



n = 10

Slope = -0.04036 units per year.

Mann-Kendall statistic = -27
critical = -23

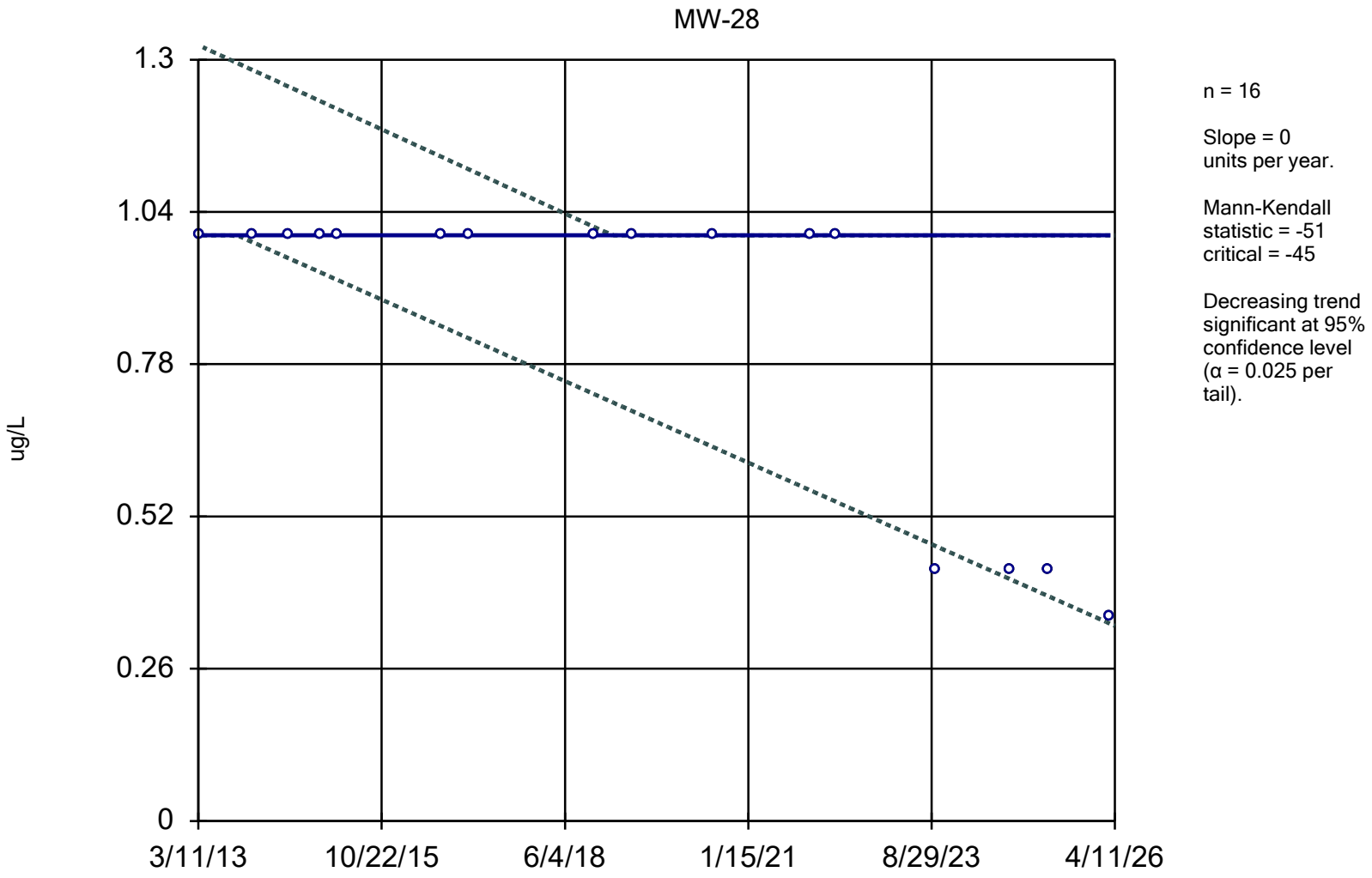
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Trichloroethene Analysis Run 8/19/2026 1:16 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



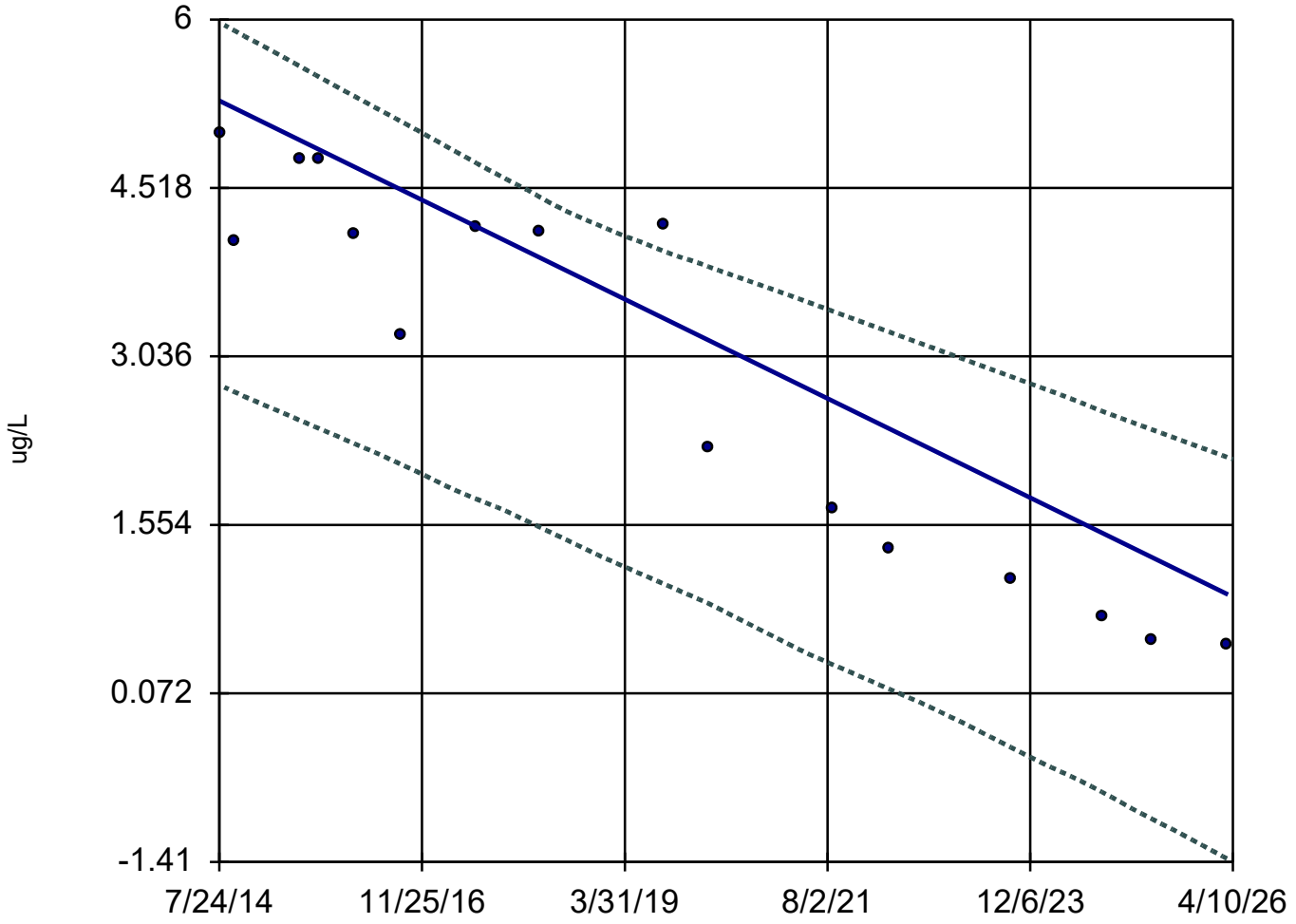
Constituent: Trichloroethene Analysis Run 8/19/2026 1:16 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-29



n = 16

Slope = -0.3726 units per year.

Mann-Kendall statistic = -91
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

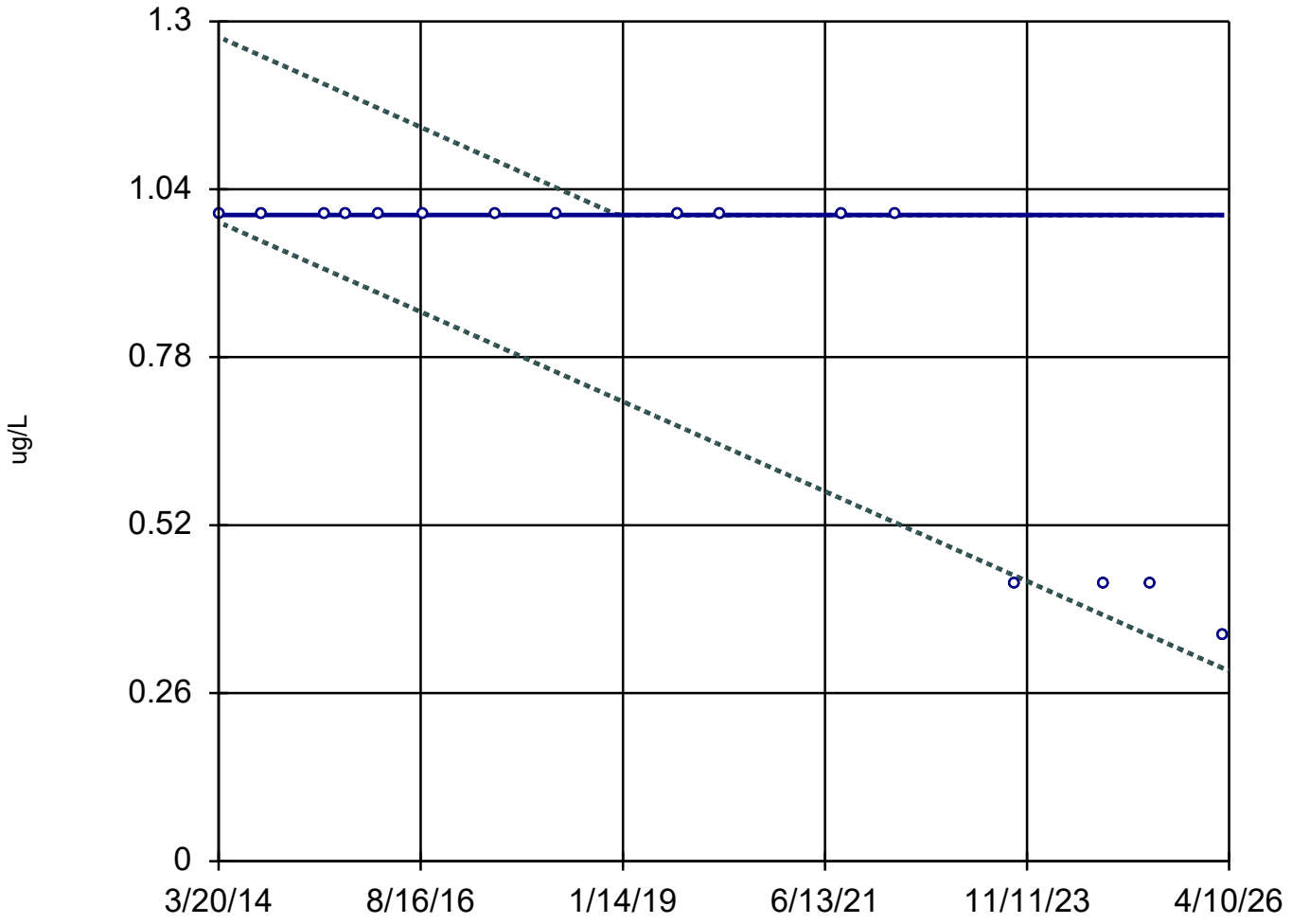
Constituent: Trichloroethene Analysis Run 8/19/2026 1:16 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-33R



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -51
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

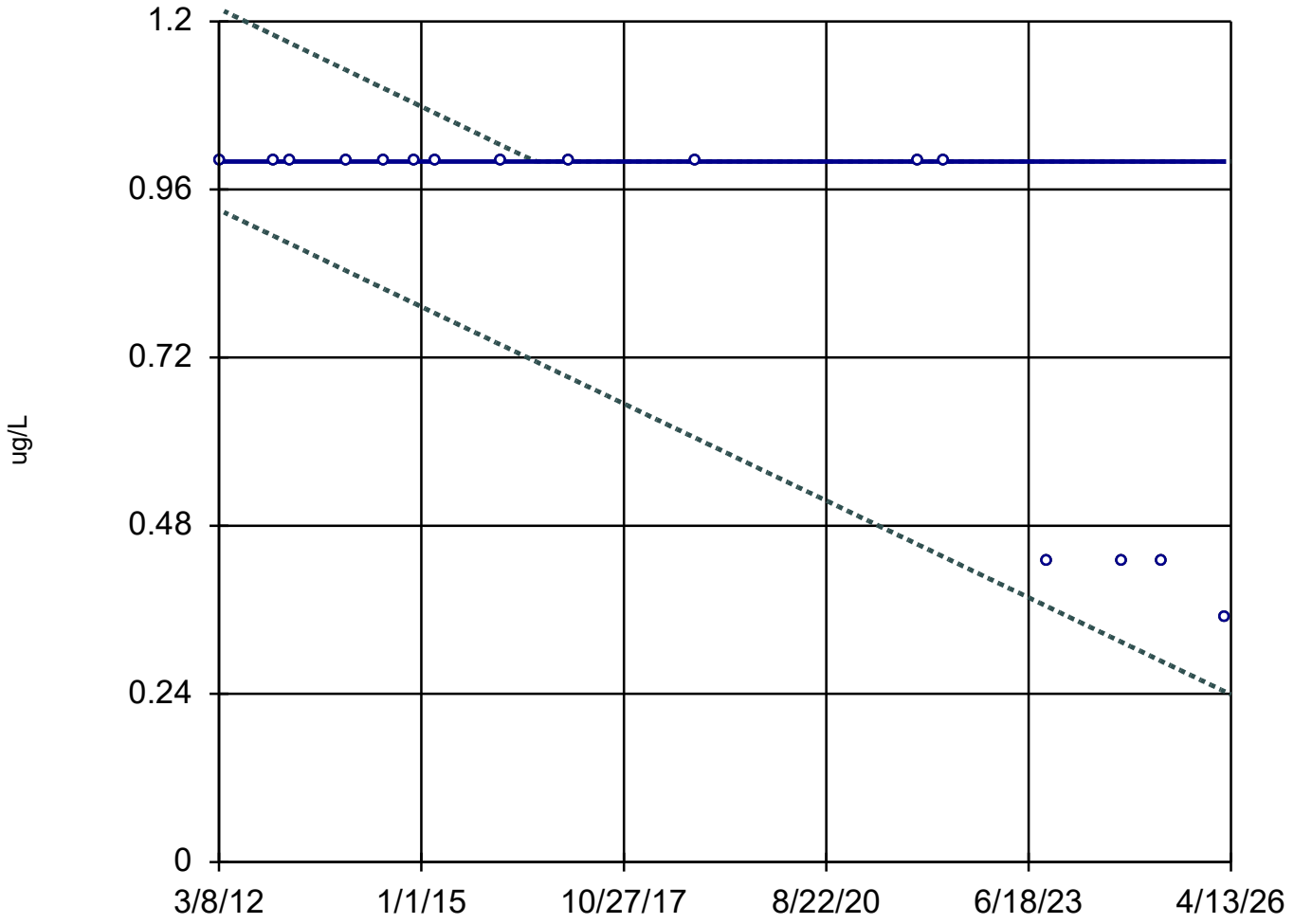
Constituent: Trichloroethene Analysis Run 8/19/2026 1:16 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-39



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -51
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

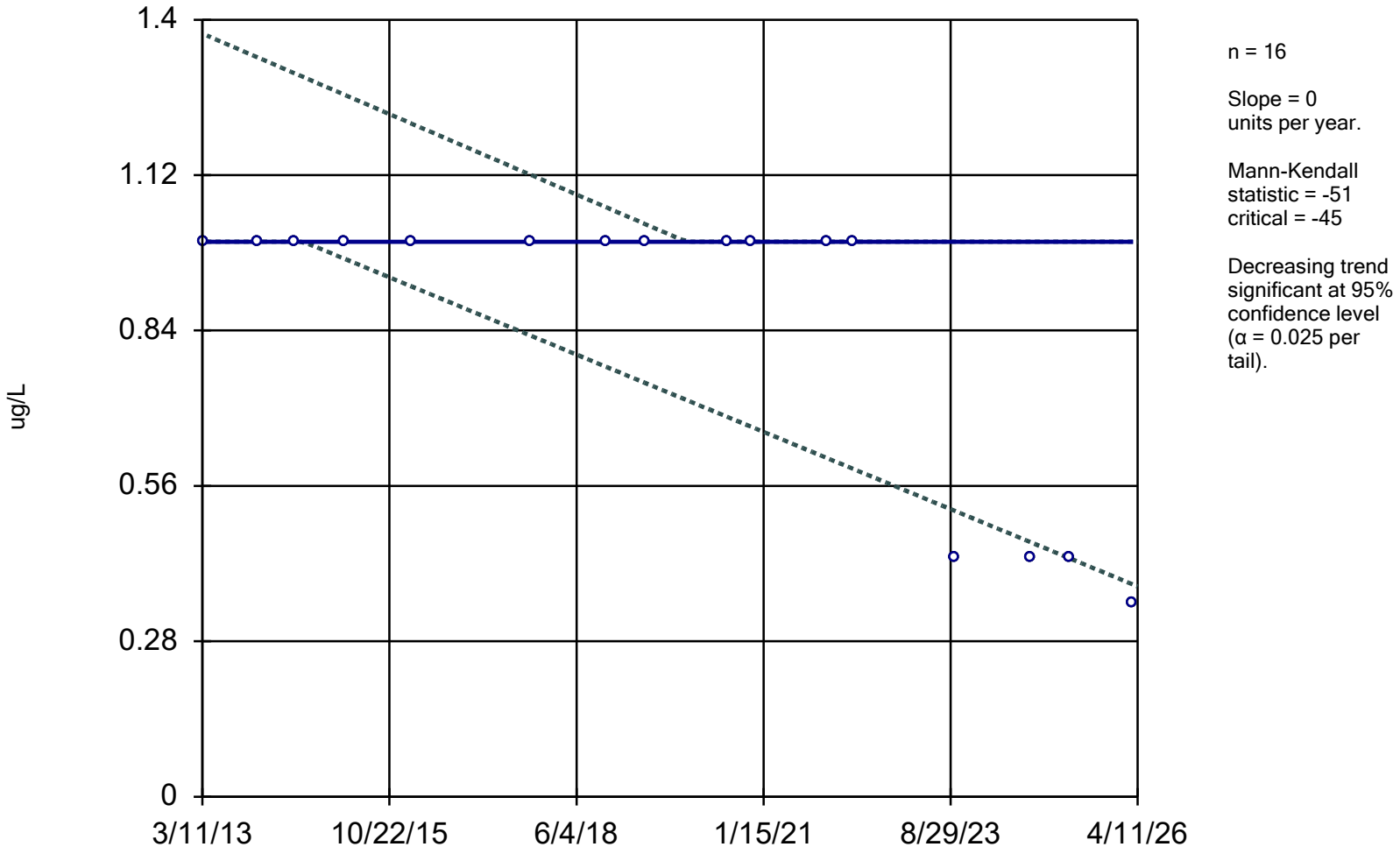
Constituent: Trichloroethene Analysis Run 8/19/2026 1:17 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-55



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -51
critical = -45

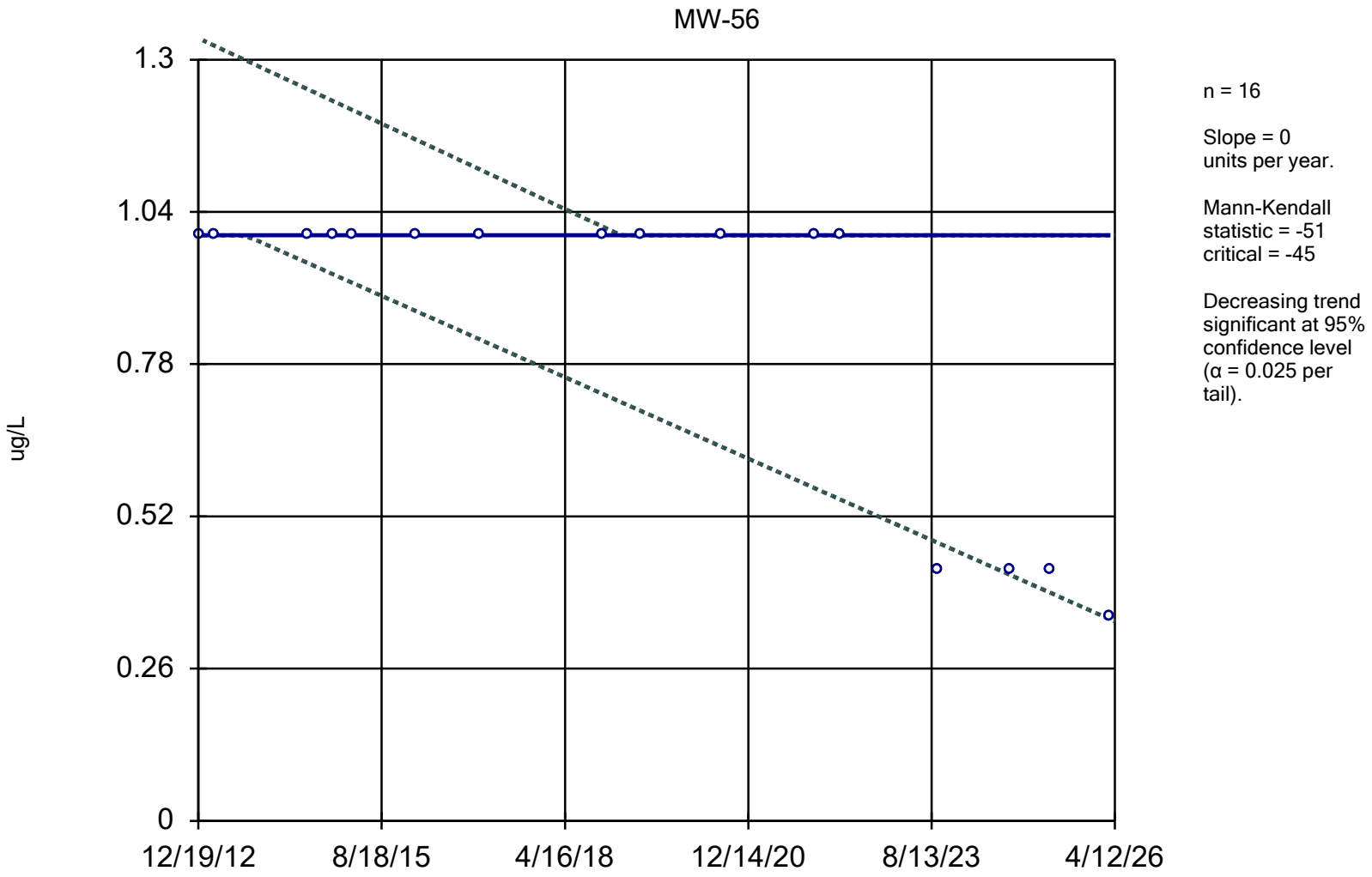
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Trichloroethene Analysis Run 8/19/2026 1:17 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

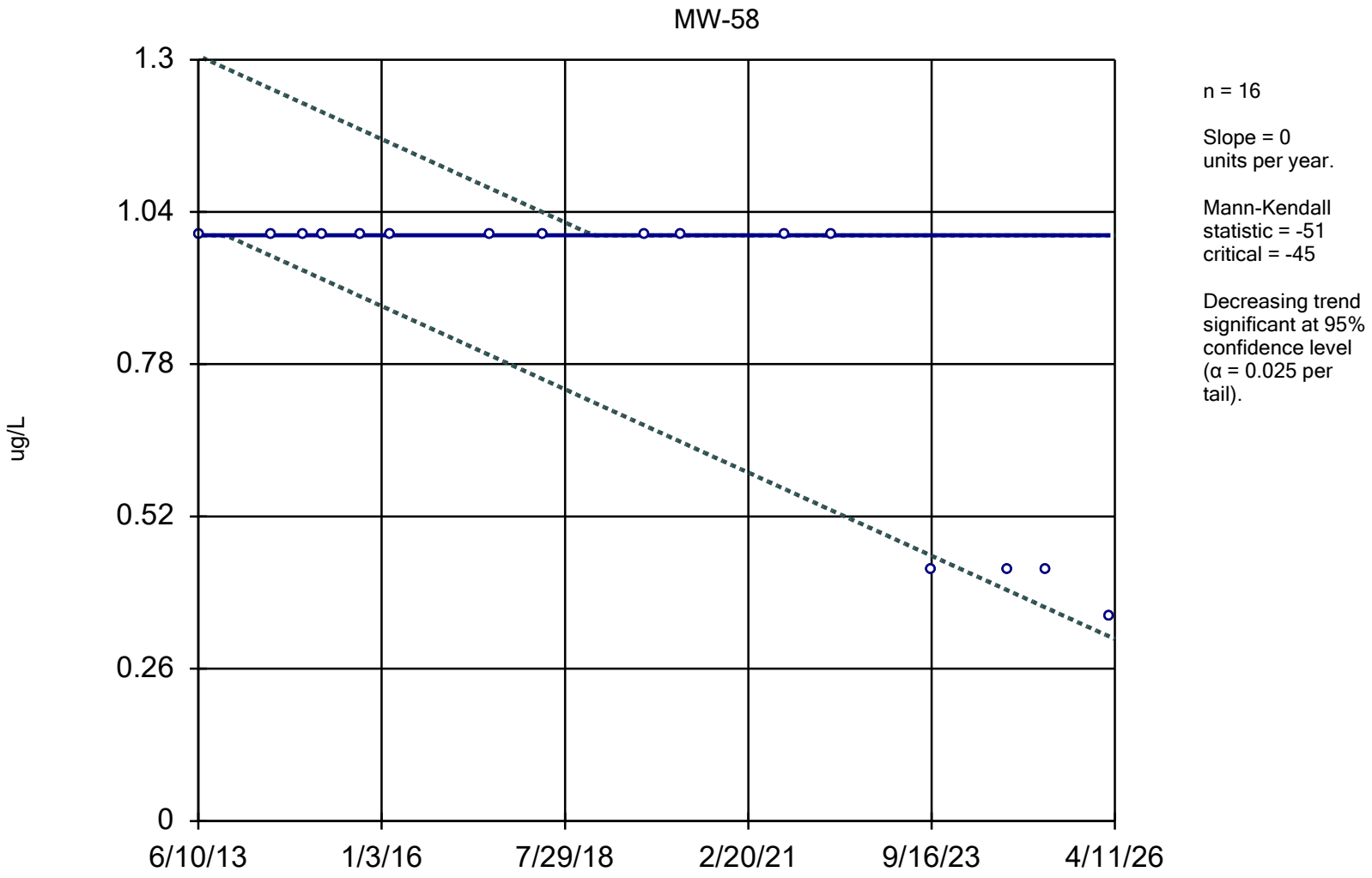


Constituent: Trichloroethene Analysis Run 8/19/2026 1:17 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



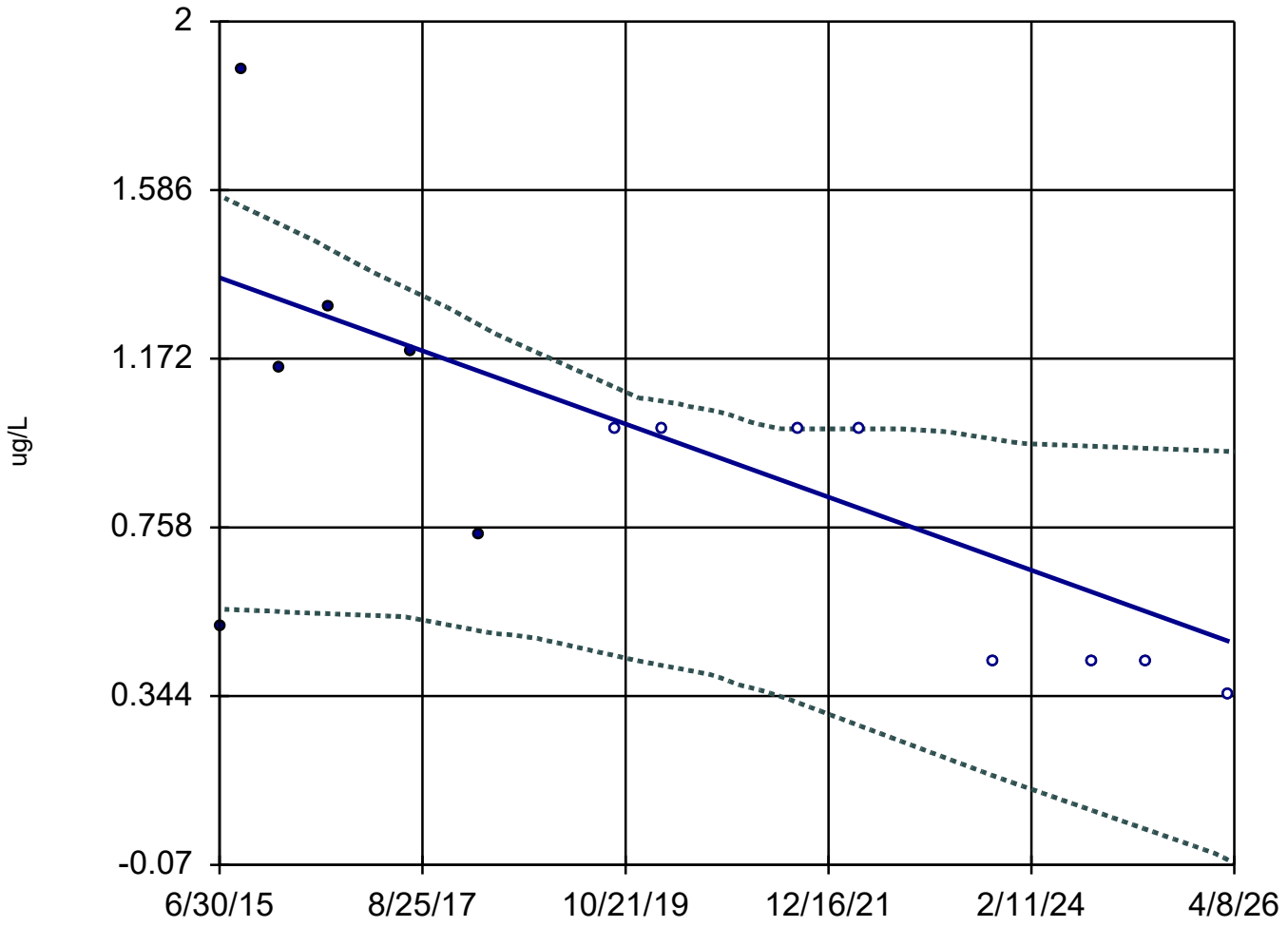
Constituent: Trichloroethene Analysis Run 8/19/2026 1:17 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-69



n = 14

Slope = -0.08324 units per year.

Mann-Kendall statistic = -52
critical = -37

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

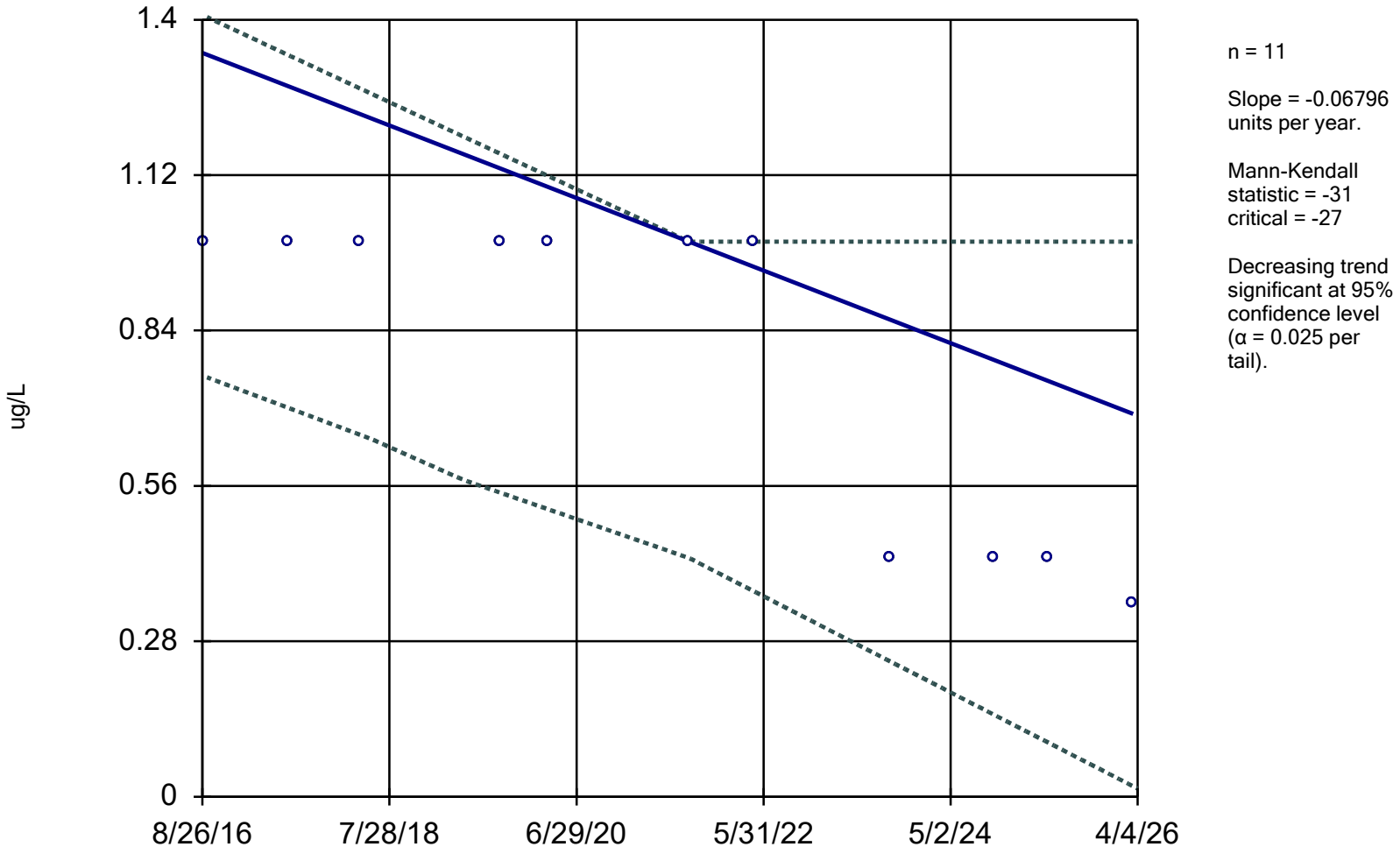
Constituent: Trichloroethene Analysis Run 8/19/2026 1:17 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-70



n = 11

Slope = -0.06796 units per year.

Mann-Kendall statistic = -31
critical = -27

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

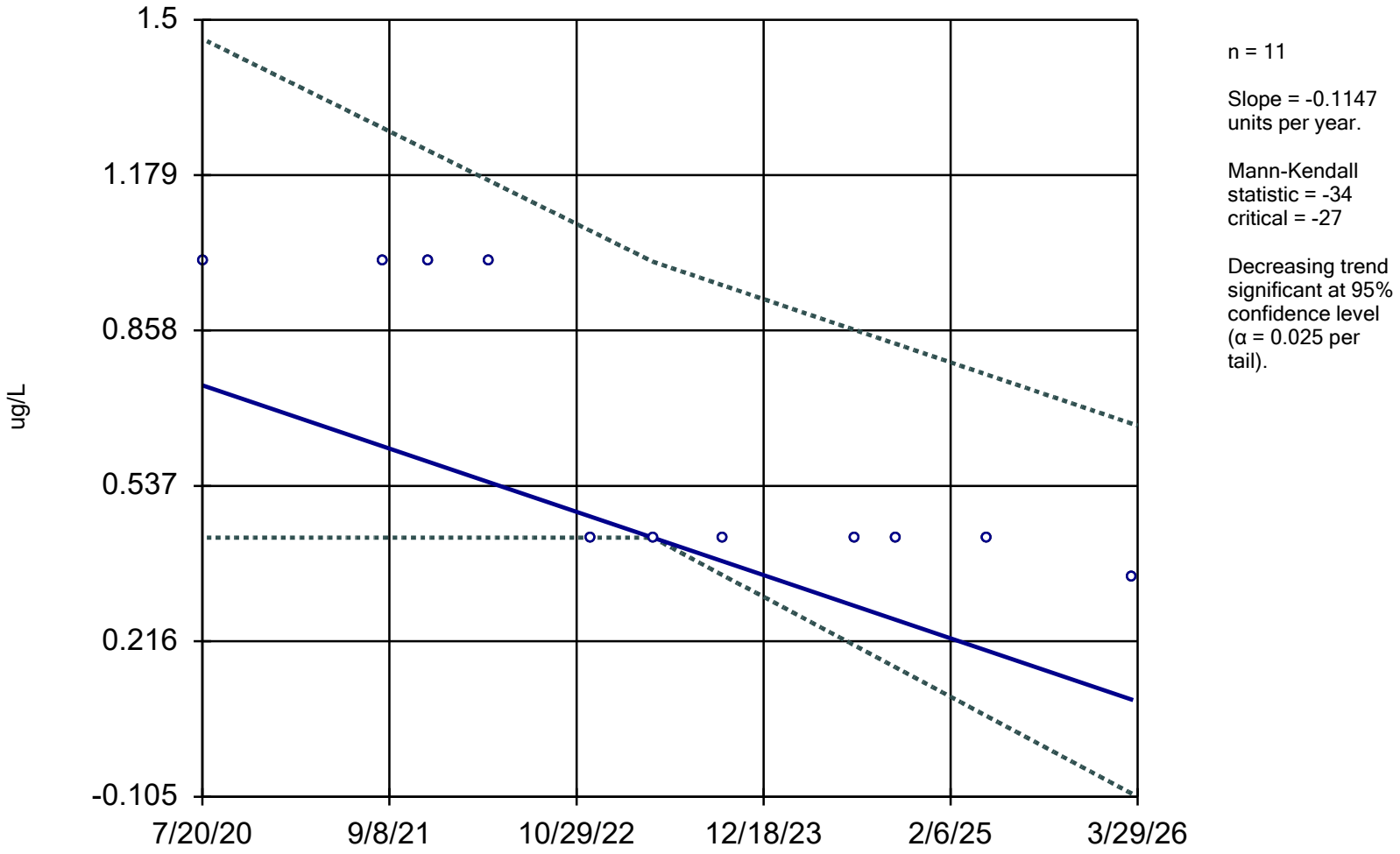
Constituent: Trichloroethene Analysis Run 8/19/2026 1:17 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-73



n = 11

Slope = -0.1147 units per year.

Mann-Kendall statistic = -34
critical = -27

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

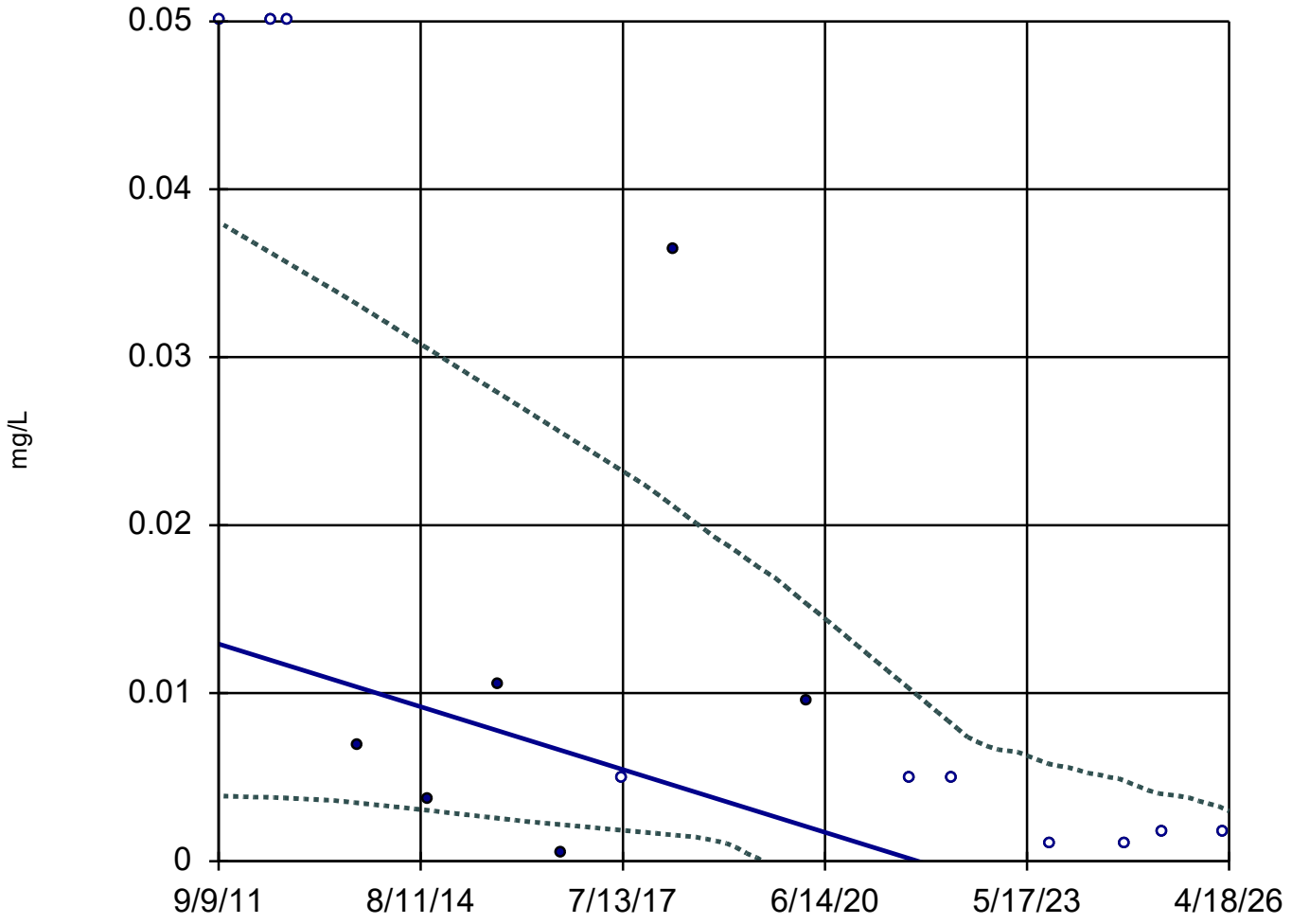
Constituent: Trichloroethene Analysis Run 8/19/2026 1:17 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

GU-3A



n = 16

Slope = -0.001278 units per year.

Mann-Kendall statistic = -62
critical = -45

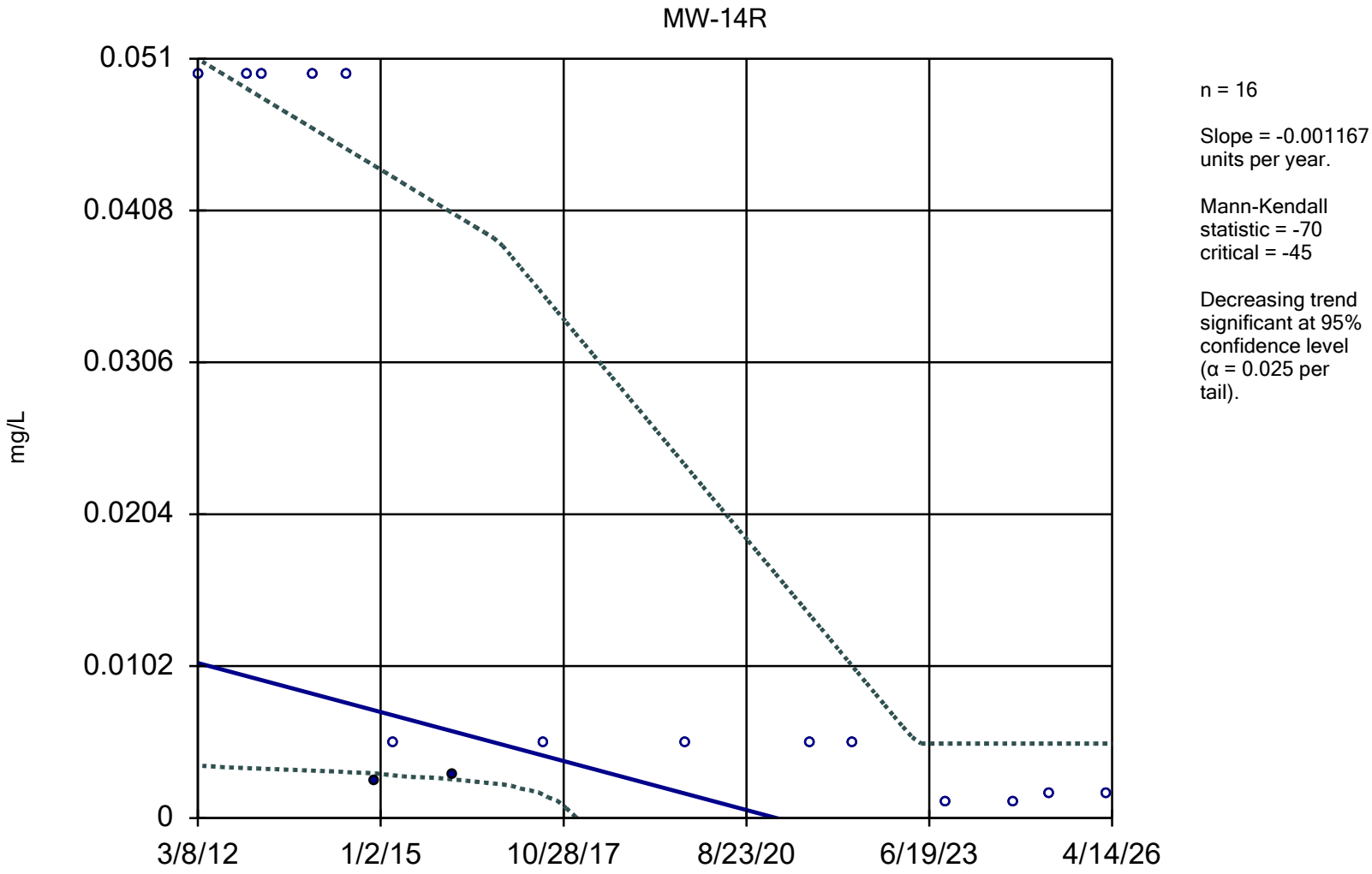
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Vanadium Analysis Run 8/19/2026 1:17 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 16

Slope = -0.001167 units per year.

Mann-Kendall statistic = -70
critical = -45

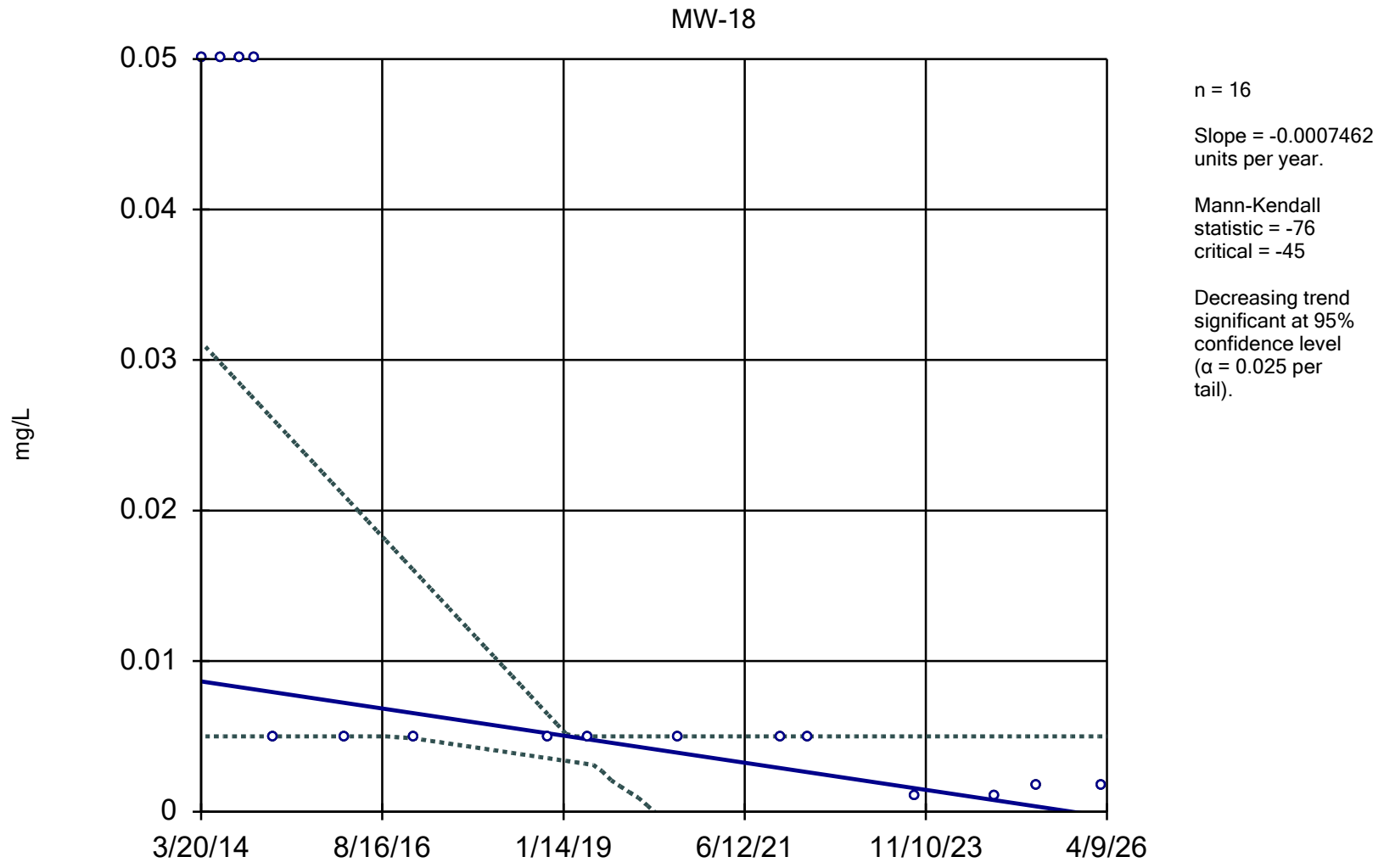
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Vanadium Analysis Run 8/19/2026 1:17 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

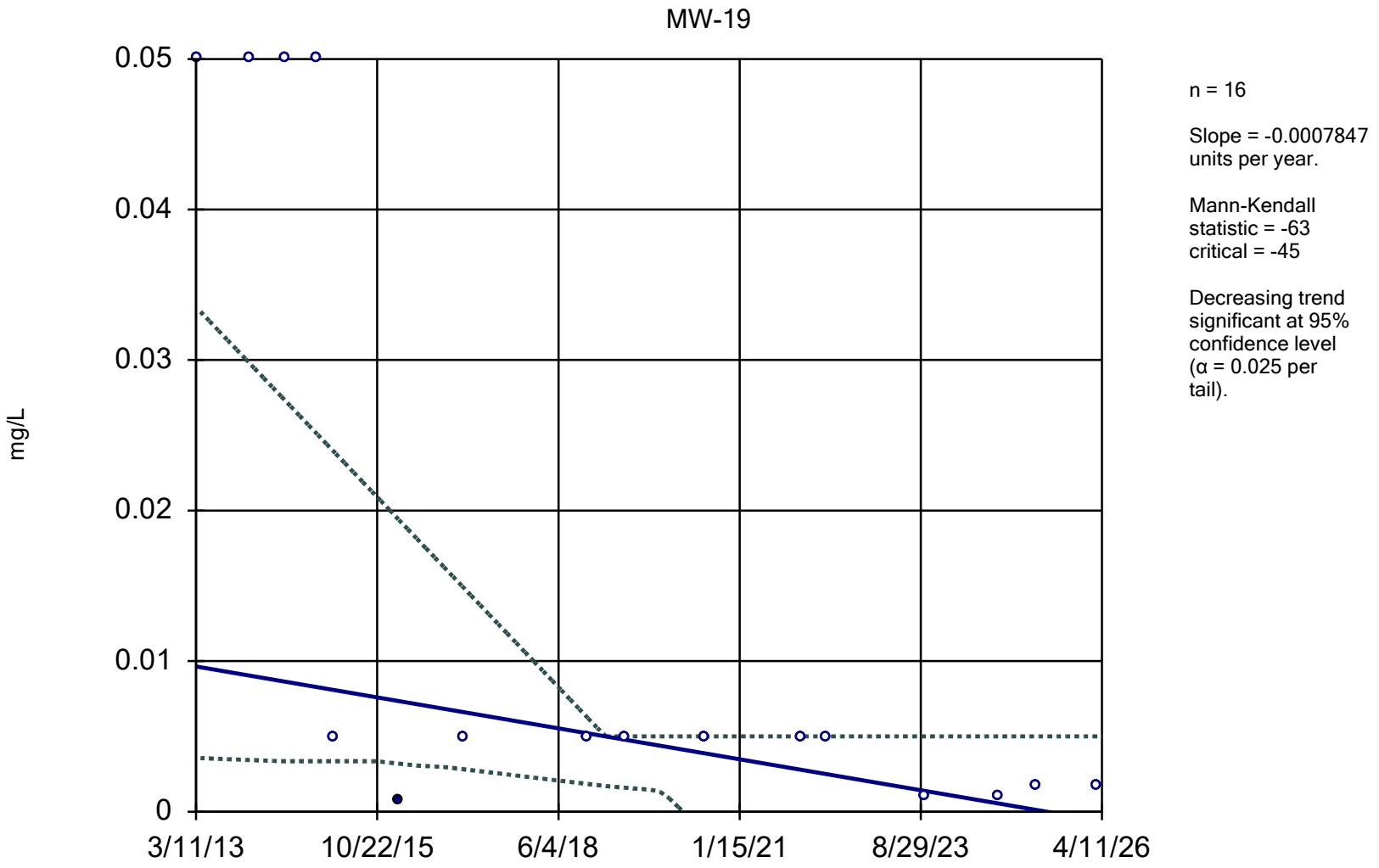


Constituent: Vanadium Analysis Run 8/19/2026 1:17 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

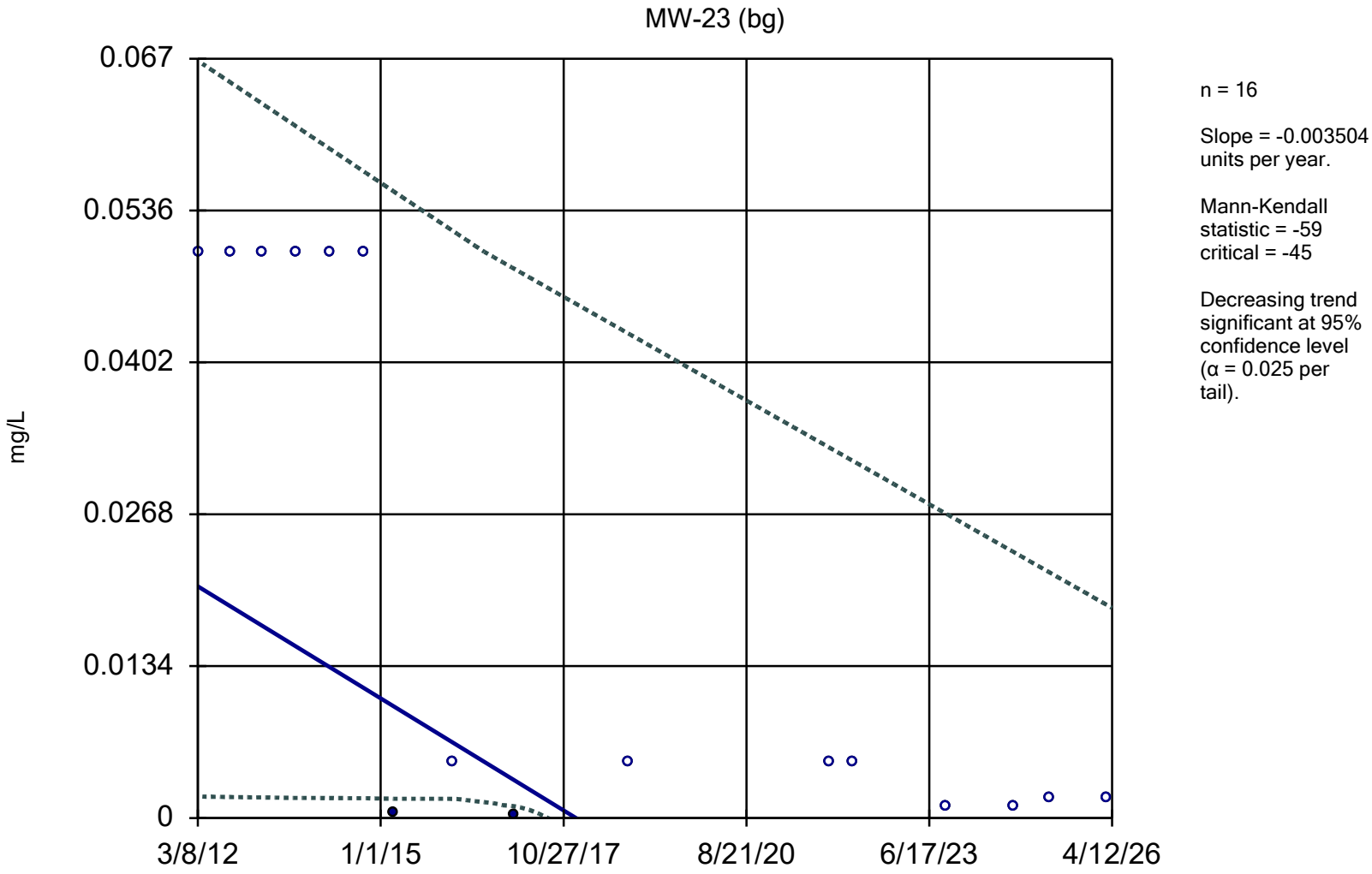


Constituent: Vanadium Analysis Run 8/19/2026 1:17 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



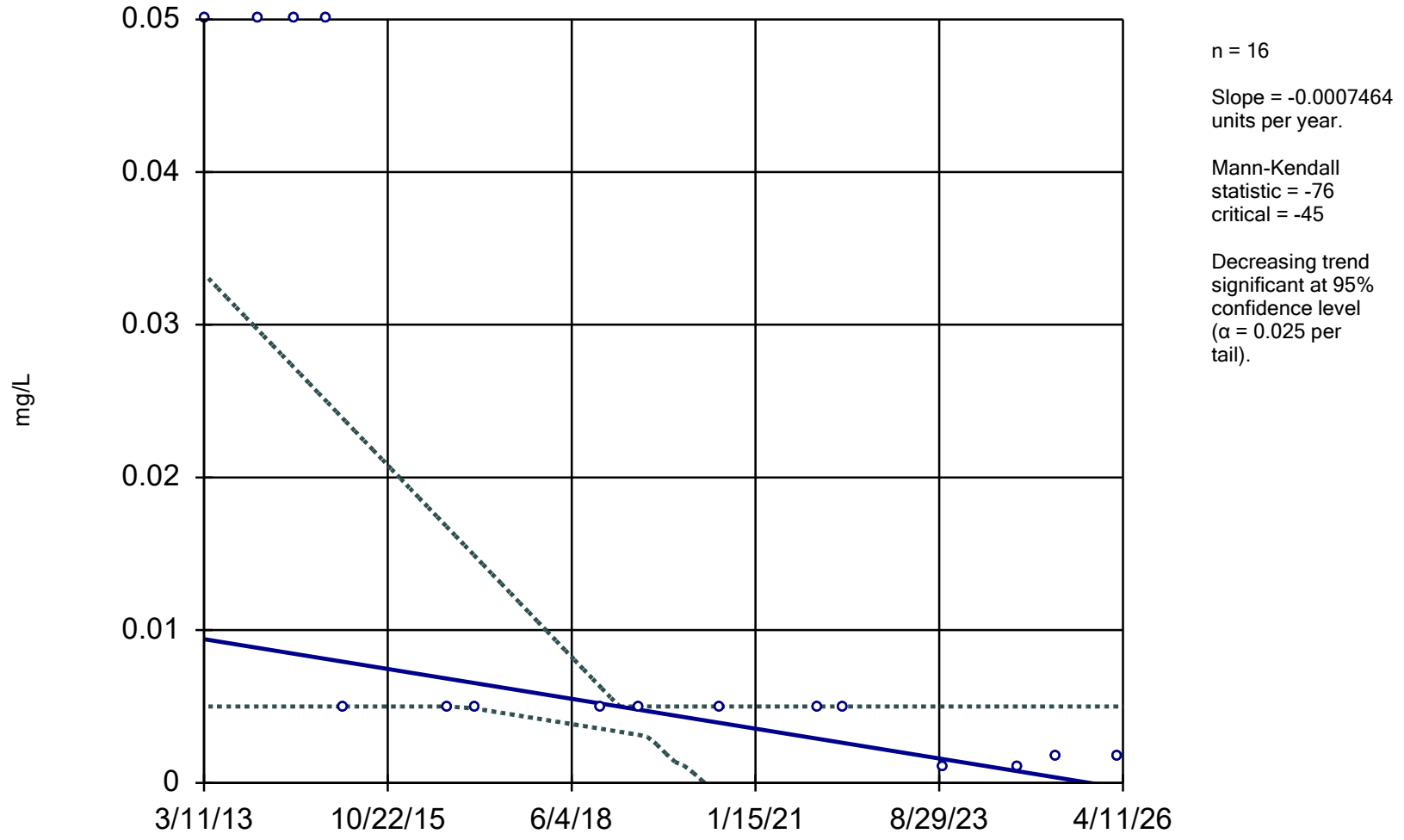
Constituent: Vanadium Analysis Run 8/19/2026 1:17 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-28



n = 16

Slope = -0.0007464 units per year.

Mann-Kendall statistic = -76
critical = -45

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

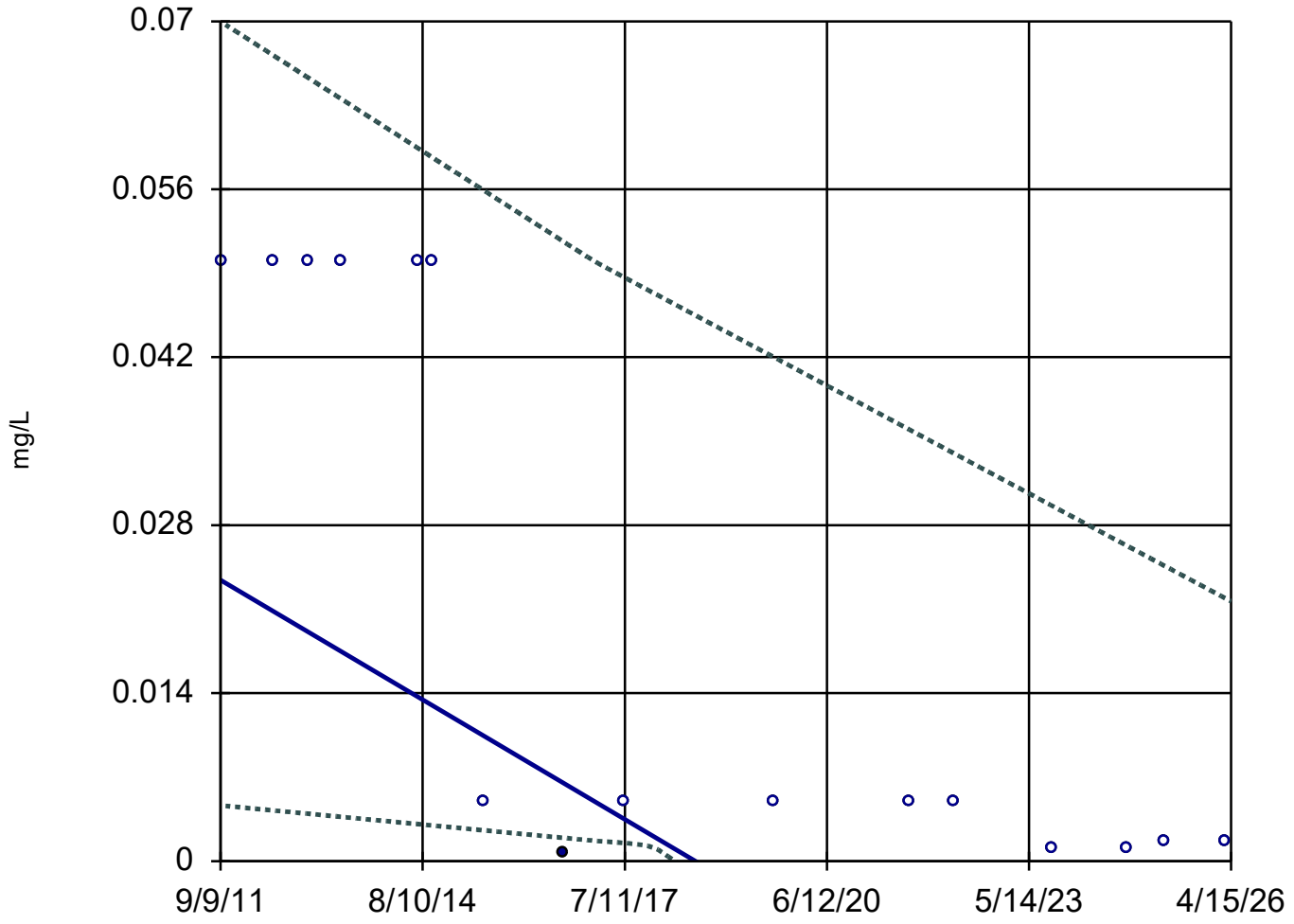
Constituent: Vanadium Analysis Run 8/19/2026 1:17 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-29



n = 16

Slope = -0.003414 units per year.

Mann-Kendall statistic = -69
critical = -45

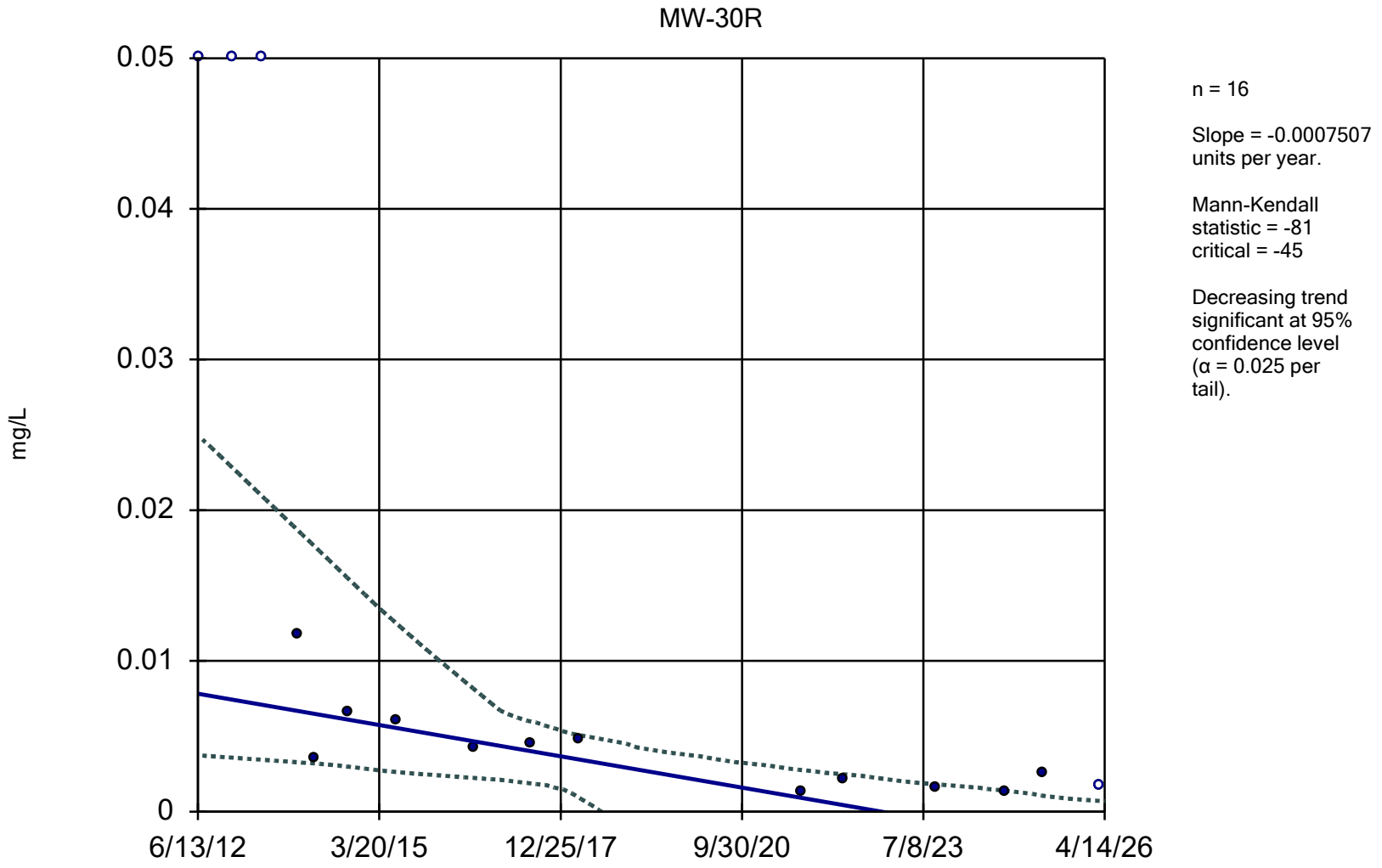
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Vanadium Analysis Run 8/19/2026 1:17 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 16

Slope = -0.0007507 units per year.

Mann-Kendall statistic = -81
critical = -45

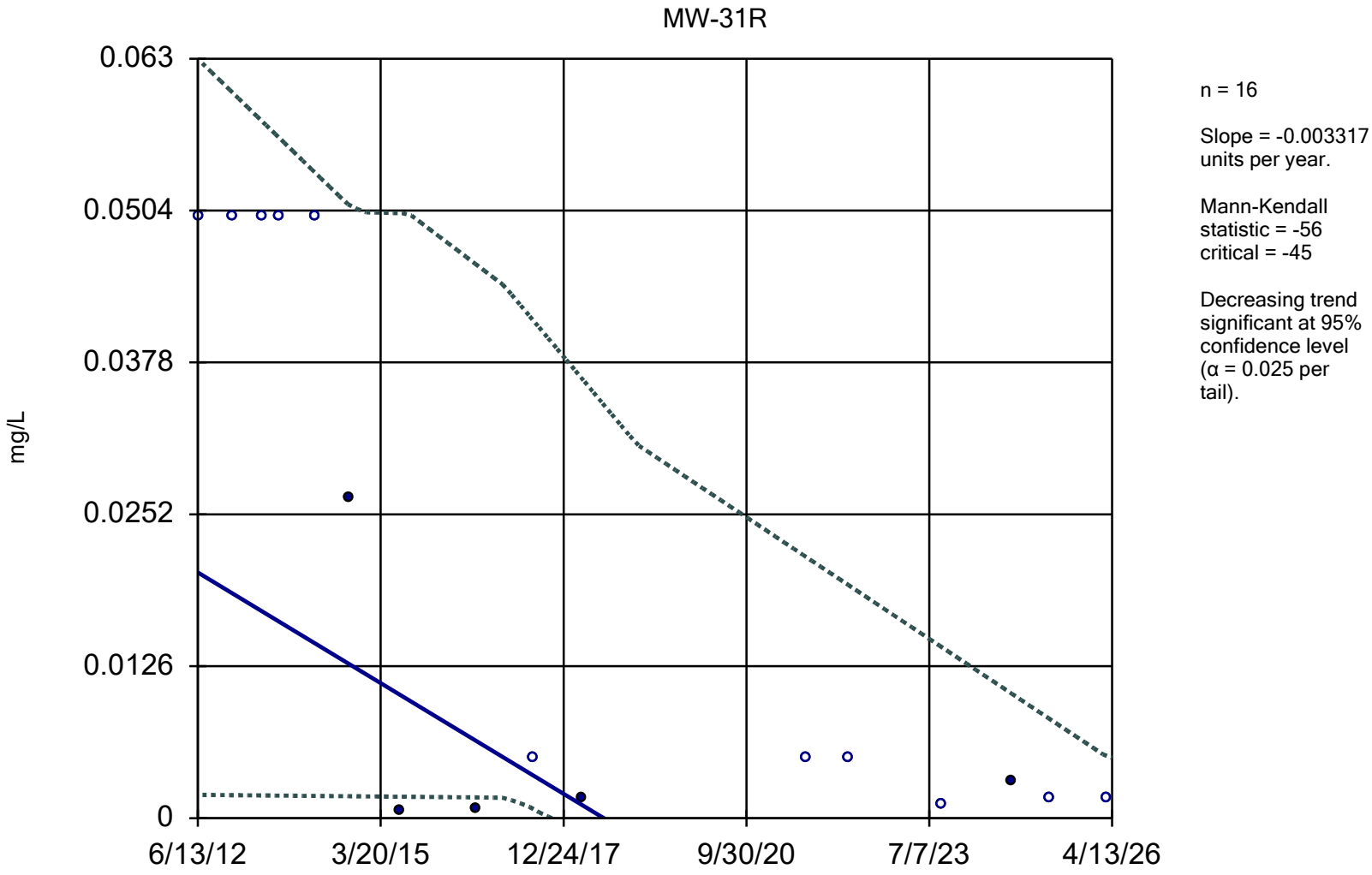
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Vanadium Analysis Run 8/19/2026 1:17 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 16

Slope = -0.003317 units per year.

Mann-Kendall statistic = -56
critical = -45

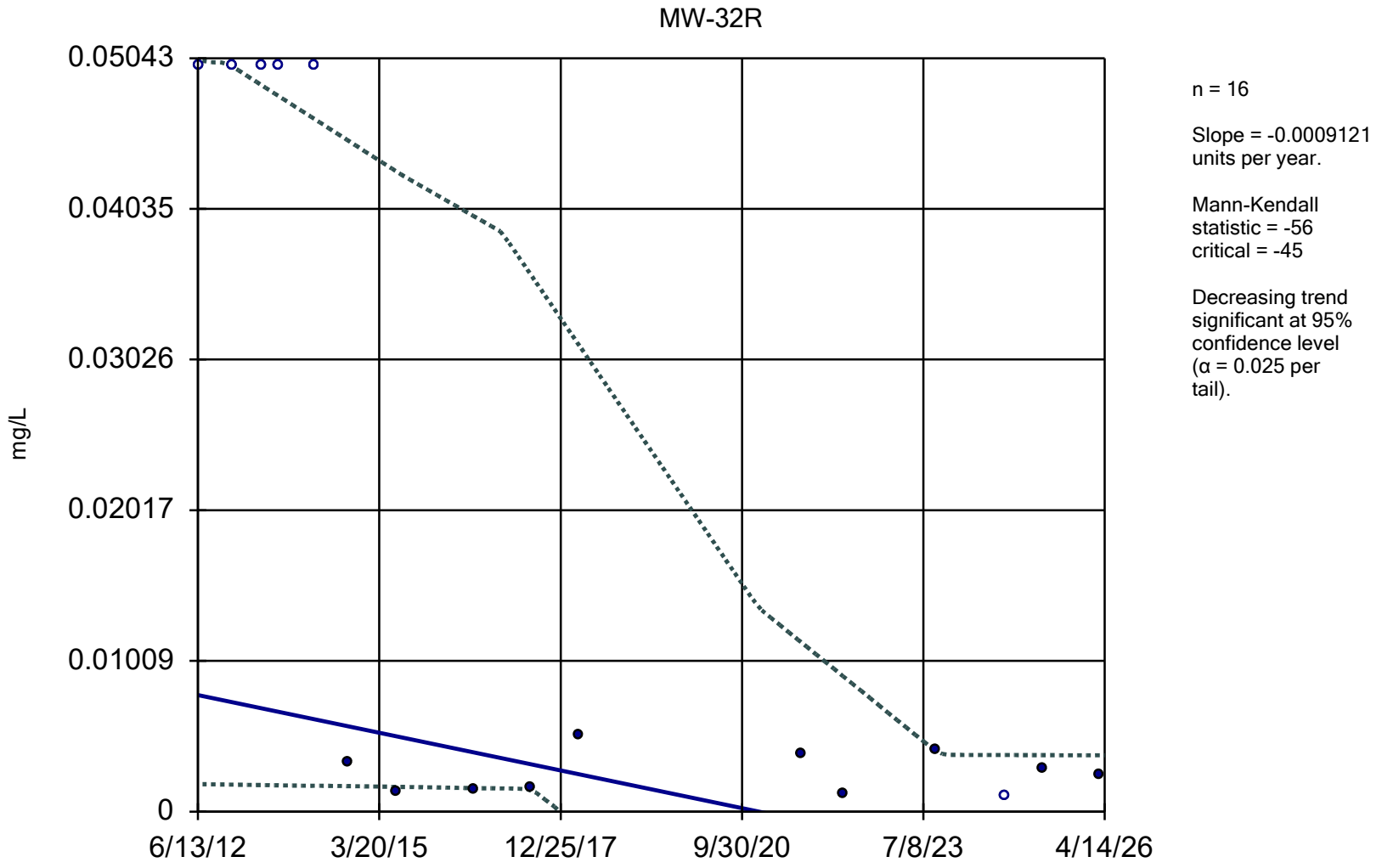
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Vanadium Analysis Run 8/19/2026 1:17 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 16

Slope = -0.0009121 units per year.

Mann-Kendall statistic = -56
critical = -45

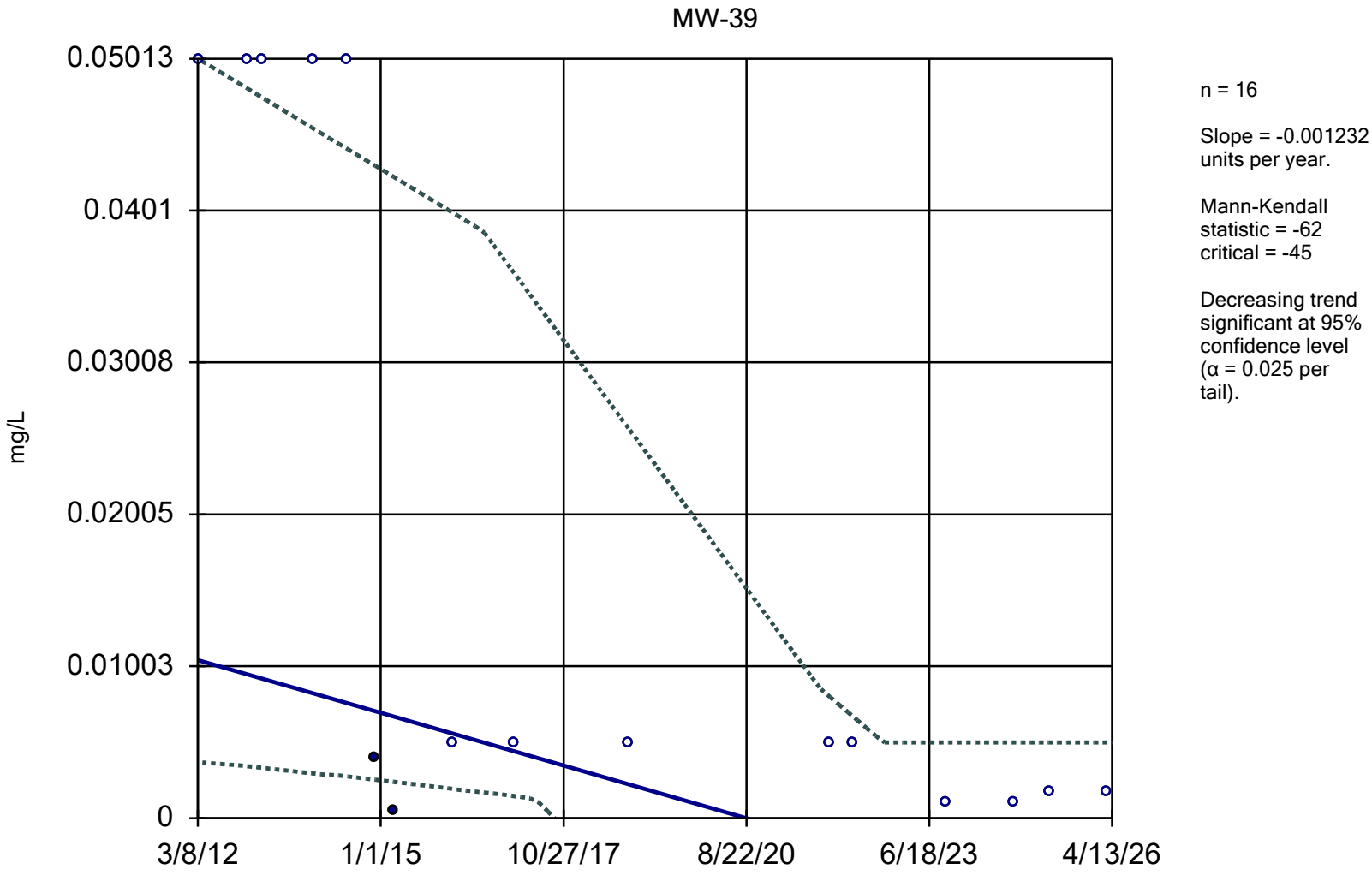
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Vanadium Analysis Run 8/19/2026 1:17 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

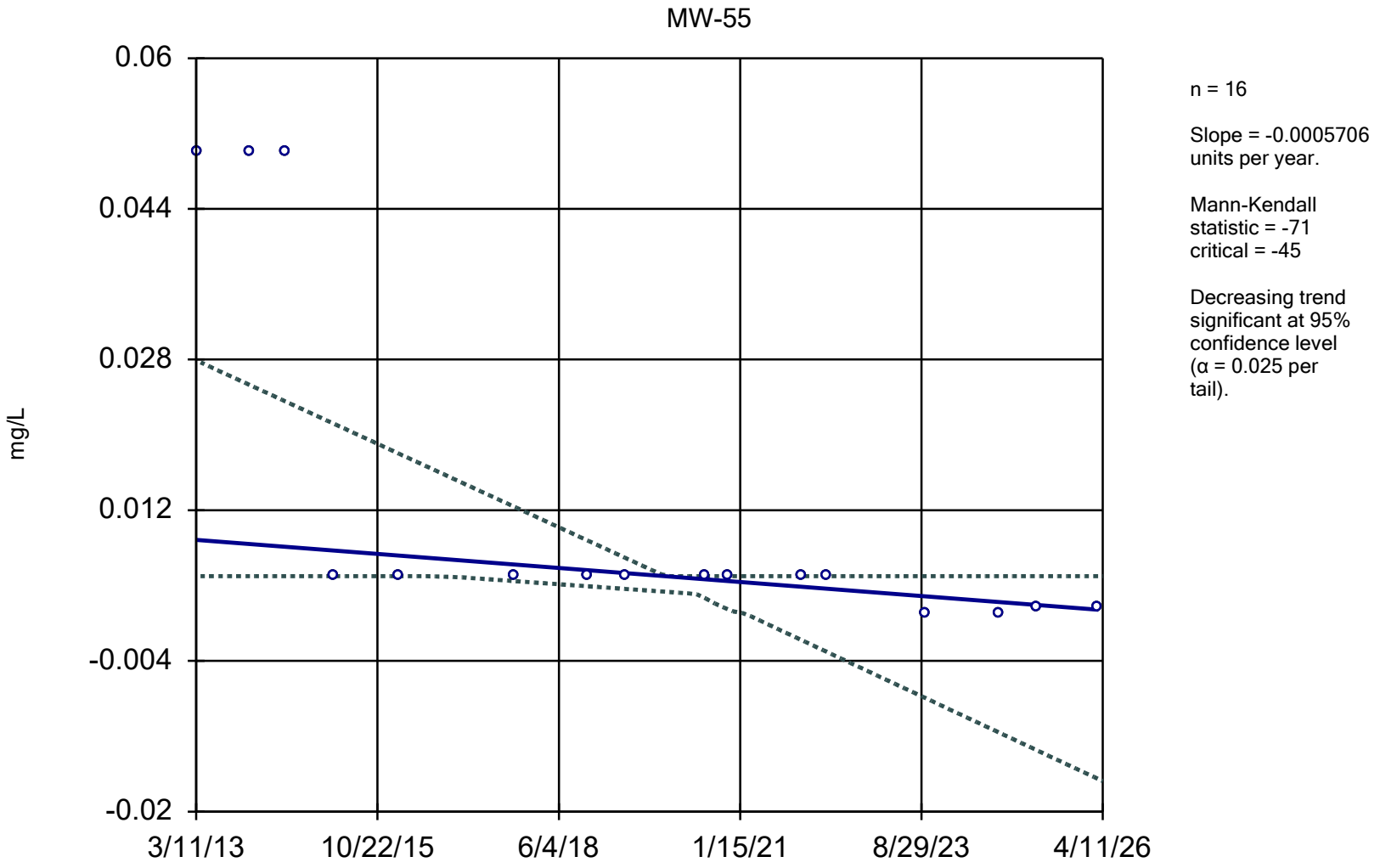


Constituent: Vanadium Analysis Run 8/19/2026 1:17 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



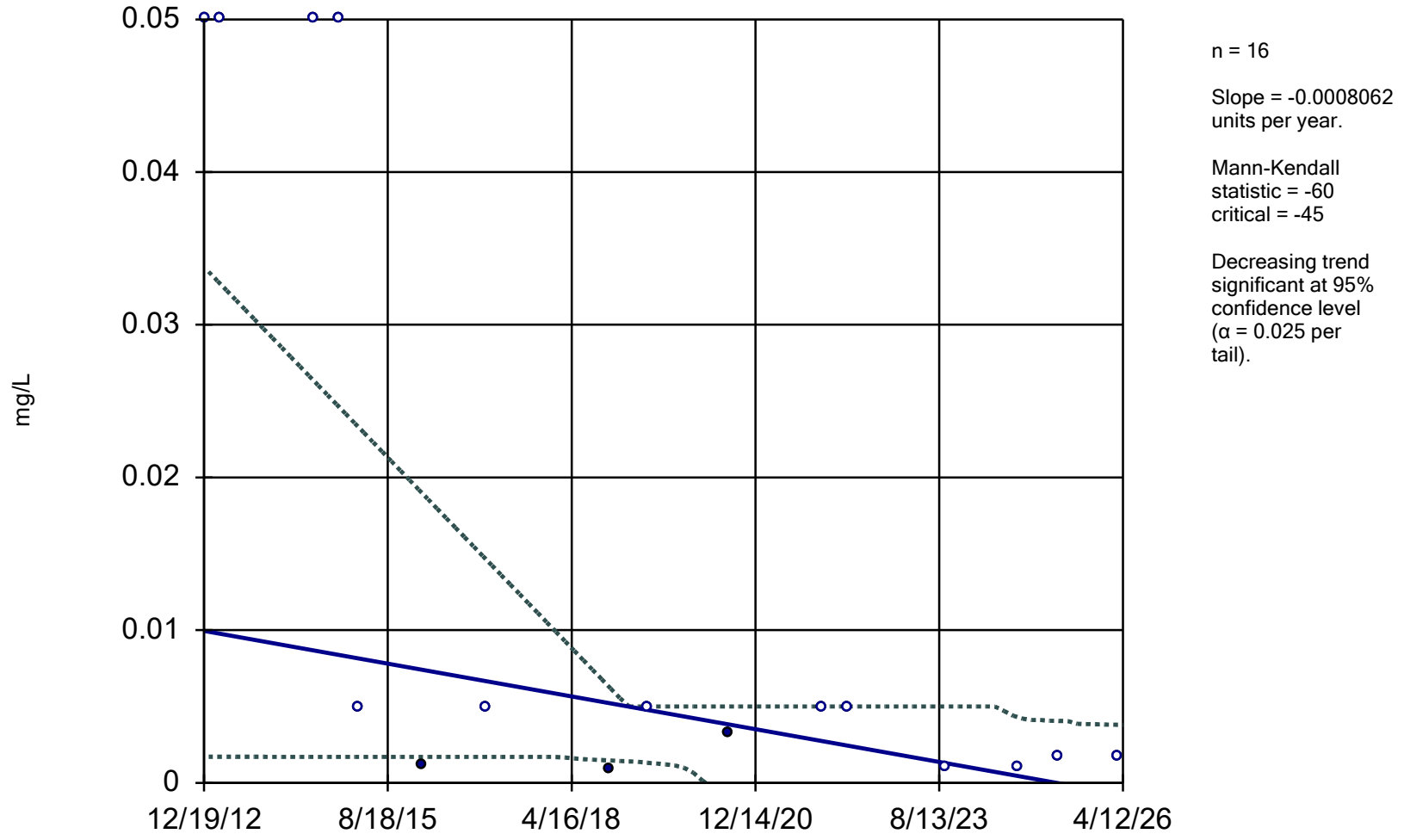
Constituent: Vanadium Analysis Run 8/19/2026 1:17 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-56



n = 16

Slope = -0.0008062 units per year.

Mann-Kendall statistic = -60
critical = -45

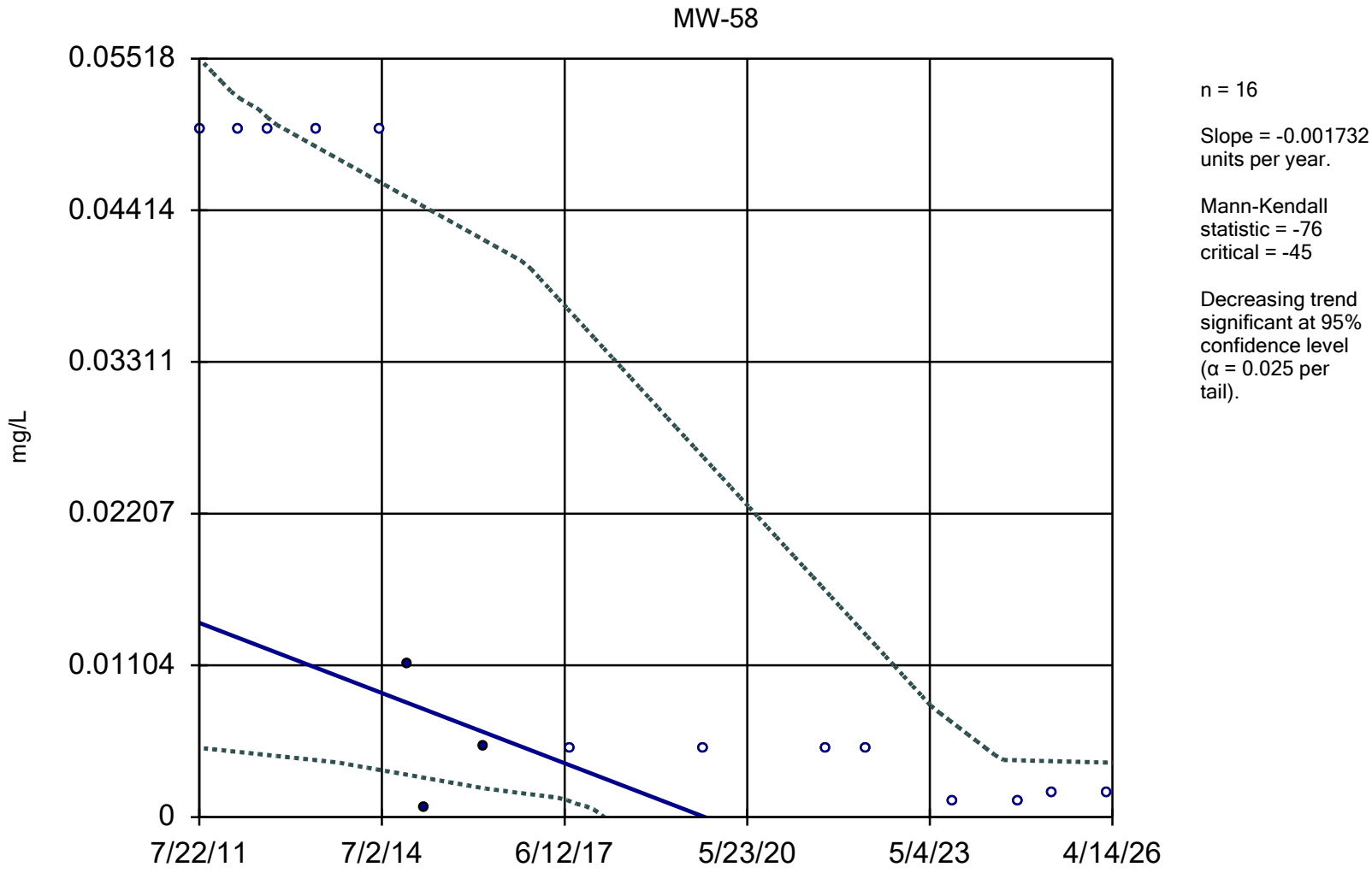
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Vanadium Analysis Run 8/19/2026 1:17 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



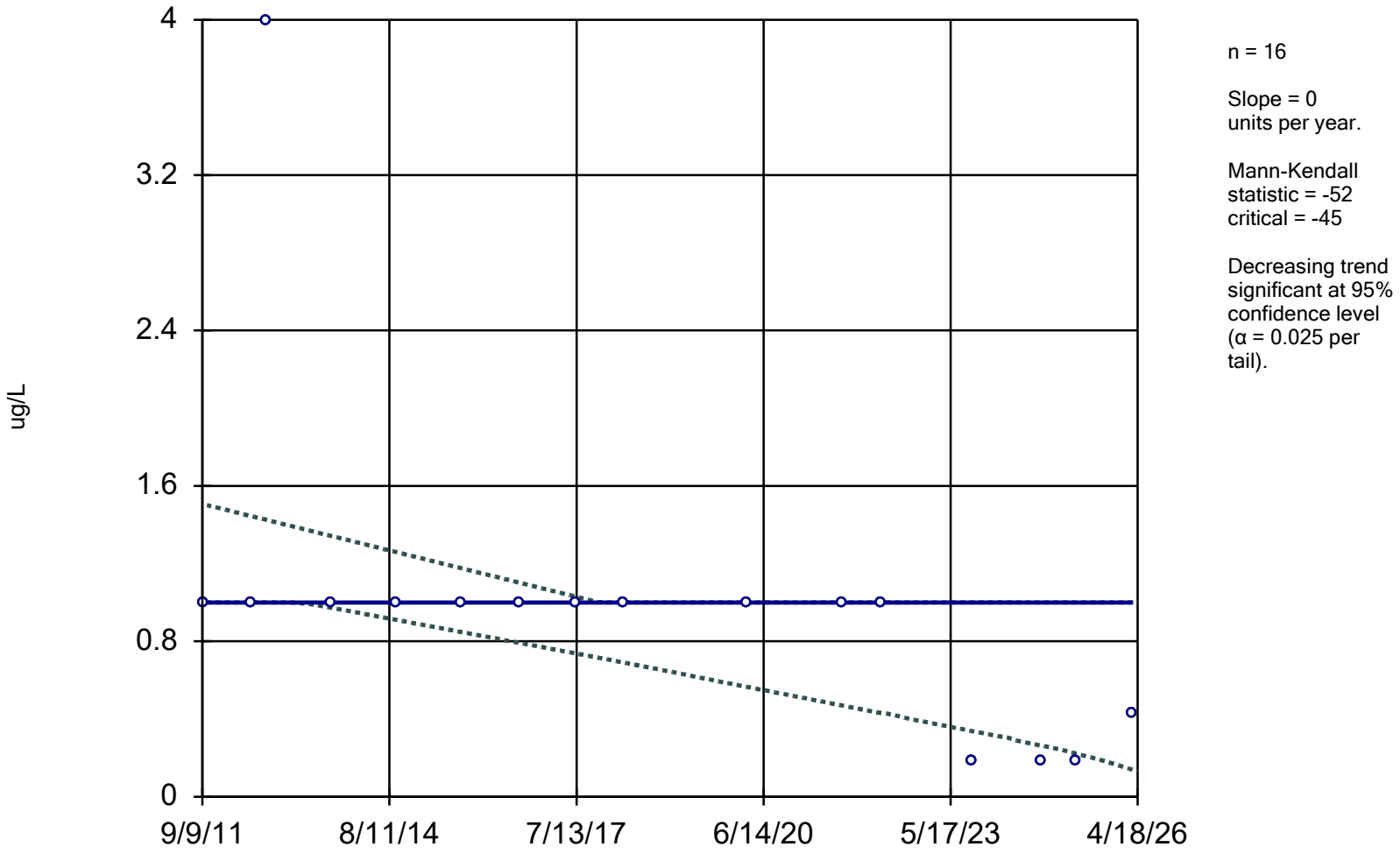
Constituent: Vanadium Analysis Run 8/19/2026 1:17 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

GU-3A



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = -52
critical = -45

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

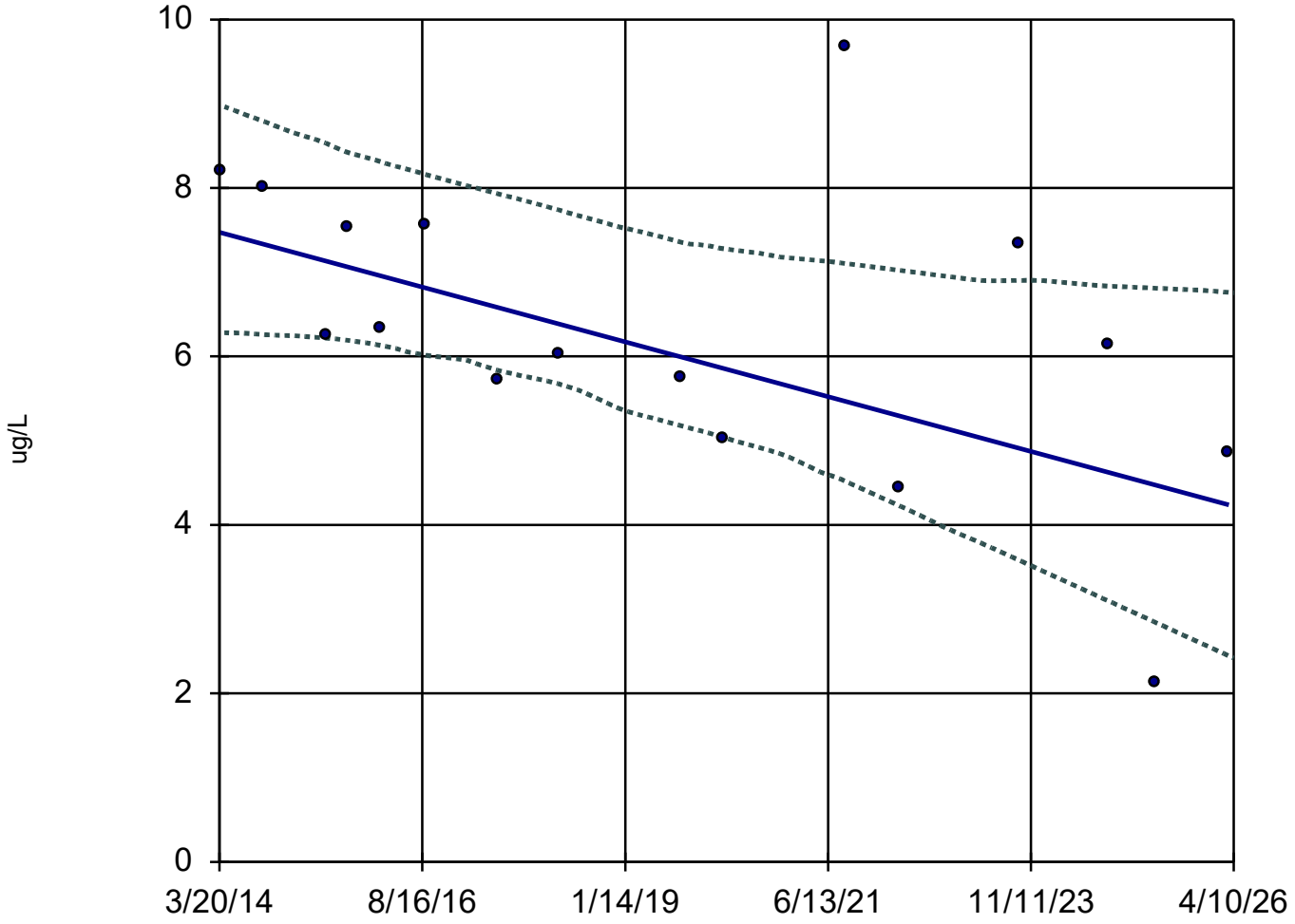
Constituent: Vinyl Chloride Analysis Run 8/19/2026 1:17 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Sen's Slope and 95% Confidence Band

MW-30R



n = 16

Slope = -0.2696 units per year.

Mann-Kendall statistic = -58
critical = -45

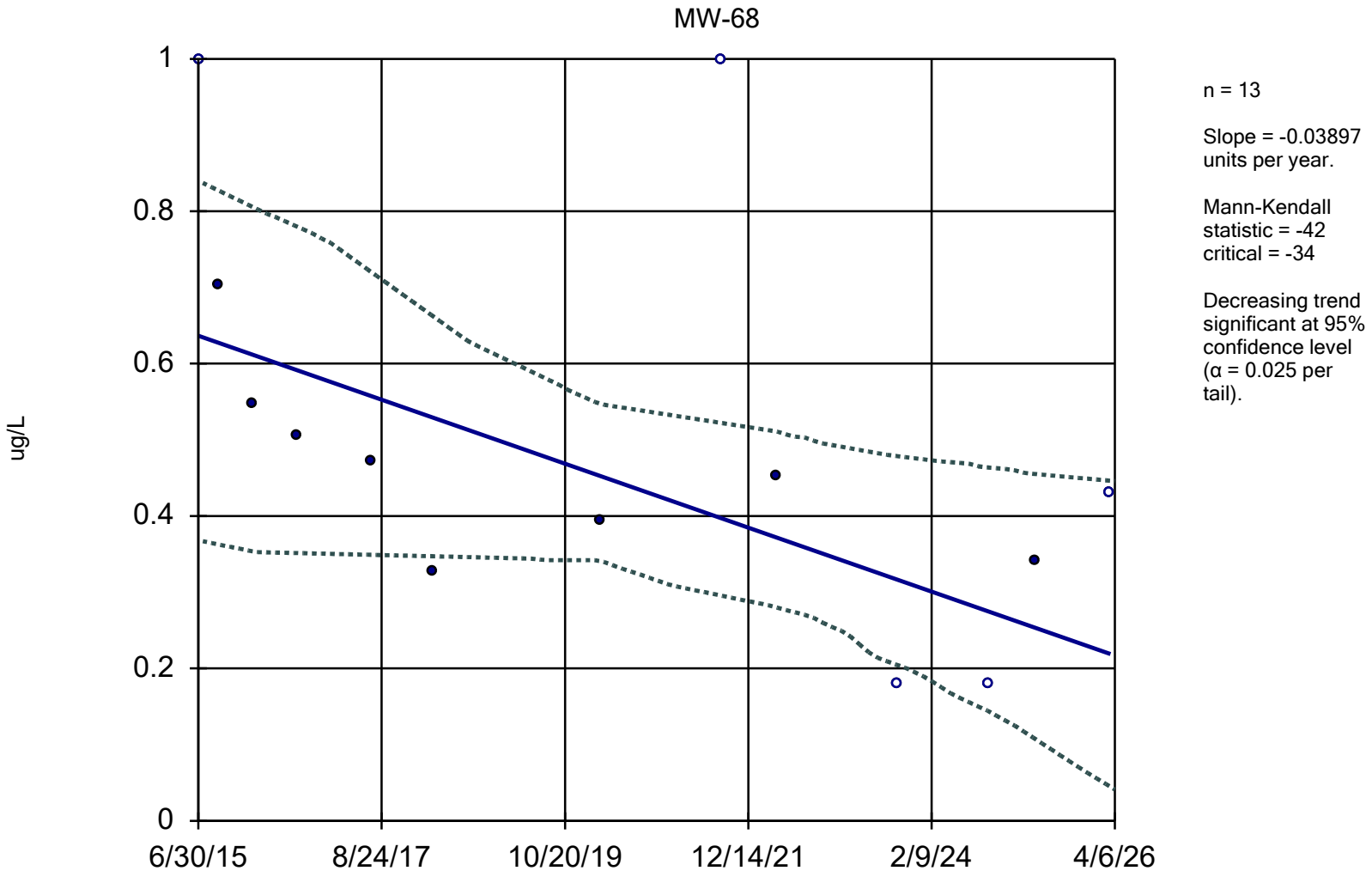
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Vinyl Chloride Analysis Run 8/19/2026 1:17 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



n = 13

Slope = -0.03897 units per year.

Mann-Kendall statistic = -42
critical = -34

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

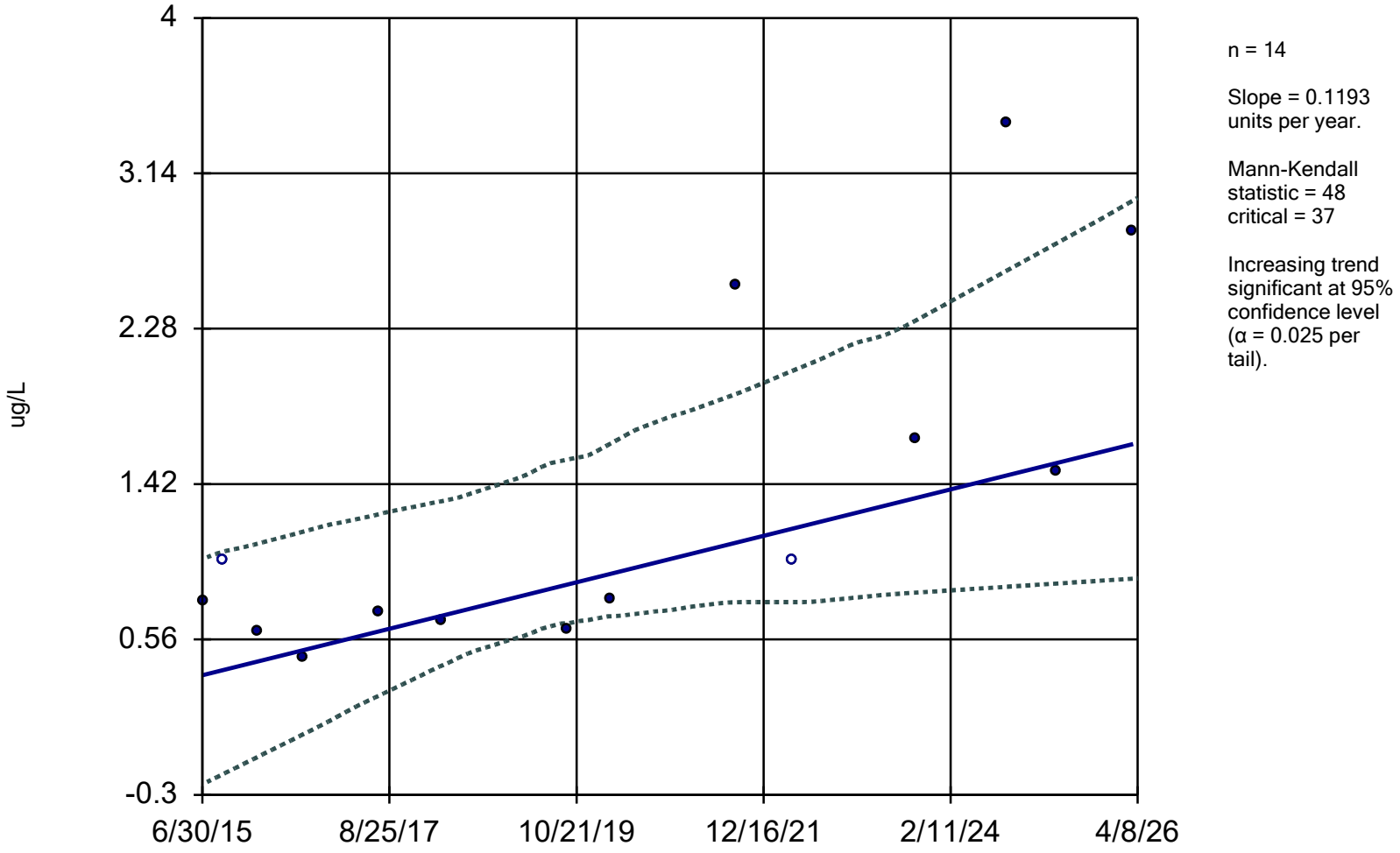
Constituent: Vinyl Chloride Analysis Run 8/19/2026 1:17 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

MW-69



n = 14

Slope = 0.1193 units per year.

Mann-Kendall statistic = 48
critical = 37

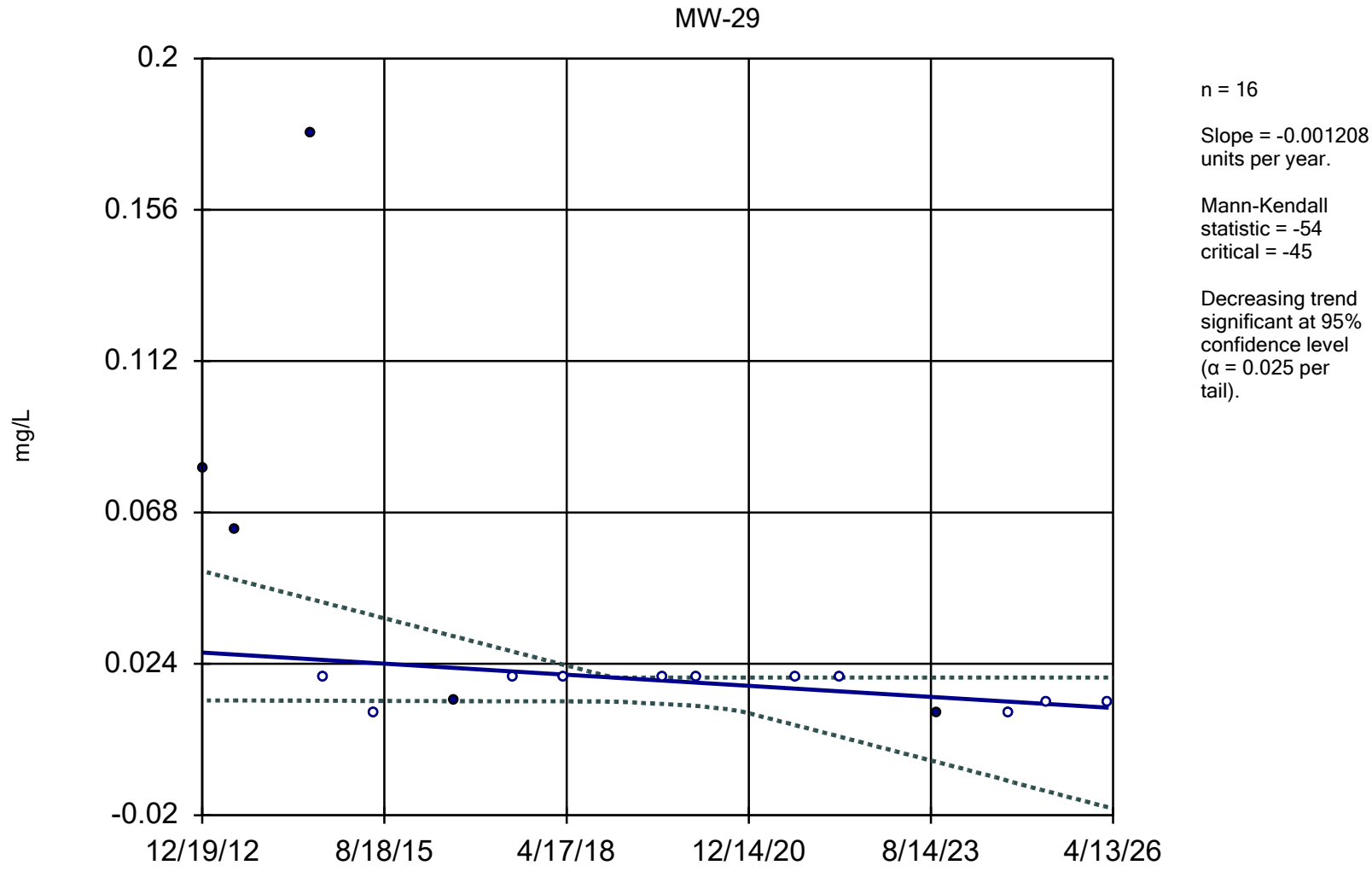
Increasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Vinyl Chloride Analysis Run 8/19/2026 1:18 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band

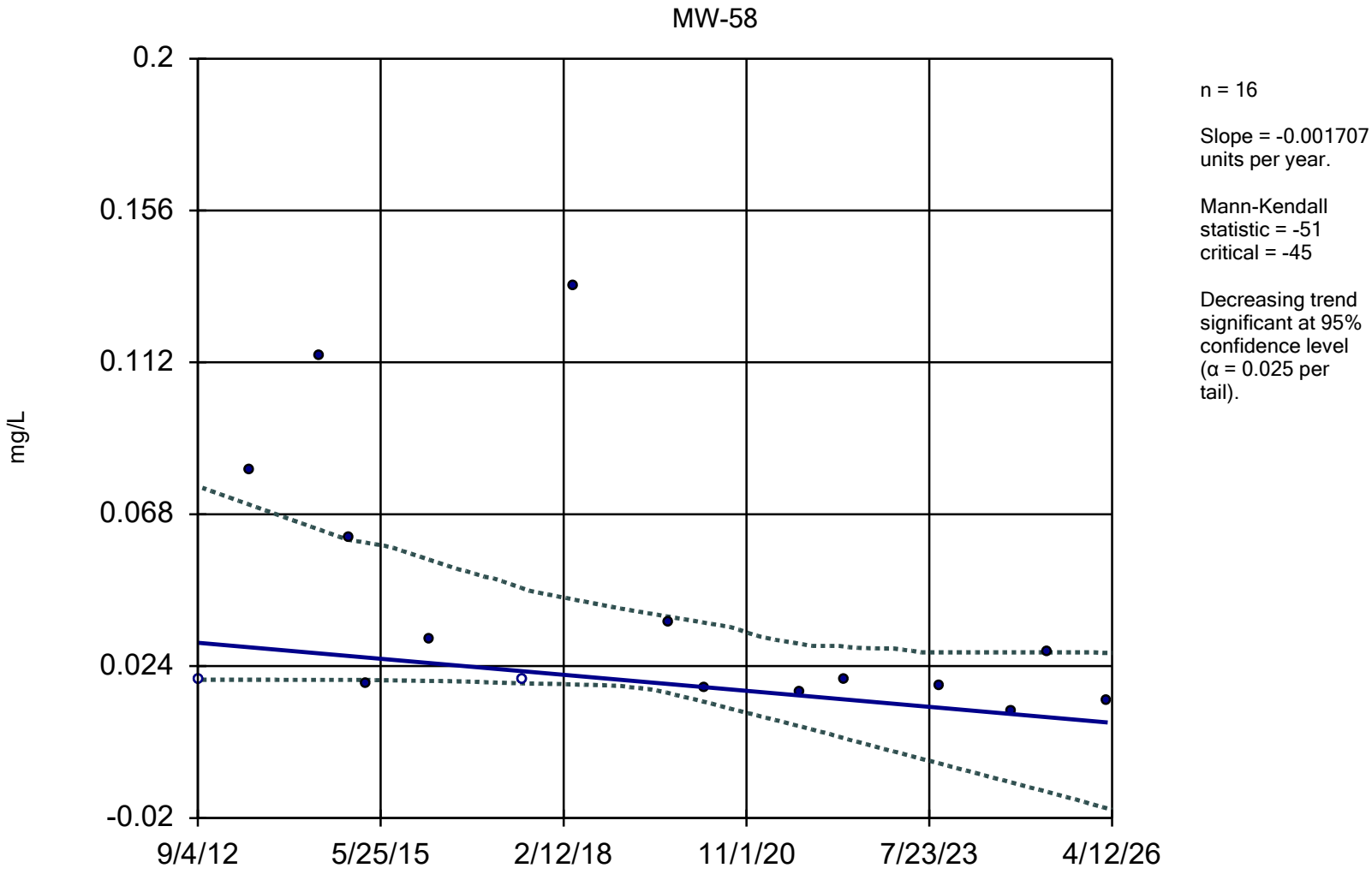


Constituent: Zinc Analysis Run 8/19/2026 1:18 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 95% Confidence Band



Constituent: Zinc Analysis Run 8/19/2026 1:18 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 1:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Xylenes, total (ug/L)	MW-39	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-55	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-56	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-58	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-68	-0.4163	-5	-12	No	6	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-69	-0.4158	-5	-12	No	6	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-70	-0.4165	-5	-12	No	6	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	PZ-13	-0.4165	-5	-12	No	6	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-57R	-0.3353	-22	-27	No	11	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-73	-0.3353	-22	-27	No	11	100	n/a	n/a	0.05	NP
Zinc (mg/L)	GU-3A	0	4	45	No	16	31.25	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-14R	0	-19	-45	No	16	87.5	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-18	-0.0002857	-28	-45	No	16	75	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-19	-0.0003988	-35	-45	No	16	81.25	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-23 (bg)	-0.0004071	-27	-45	No	16	81.25	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-24R (bg)	-0.0004779	-35	-45	No	16	87.5	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-28	-0.0004579	-33	-45	No	16	81.25	n/a	n/a	0.05	NP
Zinc (mg/L)	**MW-29**	**-0.001208**	**-54**	**-45**	**Yes**	**16**	**68.75**	**n/a**	**n/a**	**0.05**	**NP**
Zinc (mg/L)	MW-30R	-0.0008417	-45	-45	No	16	75	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-31R	-0.0005621	-38	-45	No	16	75	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-32R	-0.0002708	-33	-45	No	16	75	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-33R	-0.0004022	-39	-45	No	16	75	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-39	-0.001205	-45	-45	No	16	87.5	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-55	0	-36	-45	No	16	87.5	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-56	-0.002036	-37	-45	No	16	56.25	n/a	n/a	0.05	NP
Zinc (mg/L)	**MW-58**	**-0.001707**	**-51**	**-45**	**Yes**	**16**	**12.5**	**n/a**	**n/a**	**0.05**	**NP**
Zinc (mg/L)	MW-57R	0	-4	-27	No	11	63.64	n/a	n/a	0.05	NP
Zinc (mg/L)	MW-73	-0.0008111	-4	-27	No	11	36.36	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	GU-3A	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	**MW-14R**	**0.3422**	**79**	**45**	**Yes**	**16**	**6.25**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethane (ug/L)	MW-18	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-19	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-23 (bg)	-0.1185	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-24R (bg)	-0.03893	-21	-23	No	10	100	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-28	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	**MW-29**	**-0.1345**	**-61**	**-45**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethane (ug/L)	**MW-30R**	**-0.2059**	**-62**	**-45**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethane (ug/L)	MW-31R	0	-37	-45	No	16	100	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-32R	0	-37	-45	No	16	100	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-33R	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-39	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-55	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	**MW-56**	**0**	**-54**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethane (ug/L)	**MW-58**	**-0.04762**	**-56**	**-45**	**Yes**	**16**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethane (ug/L)	MW-68	0.008764	1	12	No	6	16.67	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-69	-0.01199	-1	-12	No	6	0	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-70	-0.1315	-5	-12	No	6	100	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	PZ-13	-0.1315	-7	-12	No	6	83.33	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-57R	-0.05168	-19	-27	No	11	54.55	n/a	n/a	0.05	NP
1,1-Dichloroethane (ug/L)	MW-73	-0.1059	-22	-27	No	11	100	n/a	n/a	0.05	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 1:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,1-Dichloroethene (ug/L)	**GU-3A**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-14R**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-18**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-19**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-23 (bg)**	**-0.2541**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-24R (bg)**	**-0.09817**	**-27**	**-23**	**Yes**	**10**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-28**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-29**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	MW-30R	0	-7	-45	No	16	75	n/a	n/a	0.05	NP
1,1-Dichloroethene (ug/L)	MW-31R	0	-41	-45	No	16	100	n/a	n/a	0.05	NP
1,1-Dichloroethene (ug/L)	MW-32R	0	-41	-45	No	16	100	n/a	n/a	0.05	NP
1,1-Dichloroethene (ug/L)	**MW-33R**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-39**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-55**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-56**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-58**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-68**	**-0.02003**	**-39**	**-34**	**Yes**	**13**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-69**	**0**	**-43**	**-37**	**Yes**	**14**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-70**	**-0.161**	**-31**	**-27**	**Yes**	**11**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**PZ-13**	**0**	**-43**	**-37**	**Yes**	**14**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-57R**	**-0.2718**	**-34**	**-27**	**Yes**	**11**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,1-Dichloroethene (ug/L)	**MW-73**	**-0.2718**	**-34**	**-27**	**Yes**	**11**	**100**	**n/a**	**n/a**	**0.05**	**NP**
1,2-Dichloroethane (ug/L)	GU-3A	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-14R	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-18	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-19	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-23 (bg)	-0.02258	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-24R (bg)	-0.007137	-21	-23	No	10	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-28	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-29	0	4	45	No	16	43.75	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-30R	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-31R	0	-37	-45	No	16	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-32R	0	-37	-45	No	16	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-33R	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-39	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-55	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-56	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-58	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-68	0	-33	-34	No	13	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-69	0	-28	-37	No	14	92.86	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-70	-0.0115	-25	-27	No	11	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	PZ-13	0	-37	-37	No	14	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-57R	-0.01941	-22	-27	No	11	100	n/a	n/a	0.05	NP
1,2-Dichloroethane (ug/L)	MW-73	-0.01941	-22	-27	No	11	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	GU-3A	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-14R	0	-28	-45	No	16	81.25	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-18	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-19	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-23 (bg)	-0.1161	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-24R (bg)	-0.04022	-21	-23	No	10	100	n/a	n/a	0.05	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 1:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,2-Dichloropropane (ug/L)	MW-28	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	**MW-29**	**-0.04459**	**-66**	**-45**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.05**	**NP**
1,2-Dichloropropane (ug/L)	**MW-30R**	**-0.005619**	**-55**	**-45**	**Yes**	**16**	**81.25**	**n/a**	**n/a**	**0.05**	**NP**
1,2-Dichloropropane (ug/L)	MW-31R	0	-37	-45	No	16	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-32R	0	-37	-45	No	16	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-33R	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-39	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-55	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-56	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-58	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-68	-0.01518	-4	-12	No	6	83.33	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-69	0.0442	5	12	No	6	16.67	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-70	-0.1359	-5	-12	No	6	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	PZ-13	-0.1359	-5	-12	No	6	100	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-57R	-0.1379	-23	-27	No	11	81.82	n/a	n/a	0.05	NP
1,2-Dichloropropane (ug/L)	MW-73	-0.1094	-22	-27	No	11	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	GU-3A	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-14R	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-18	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-19	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-23 (bg)	-0.1047	-13	-17	No	8	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-24R (bg)	-0.03309	-21	-23	No	10	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-28	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	**MW-29**	**0.2127**	**46**	**45**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.05**	**NP**
1,4-Dichlorobenzene (ug/L)	MW-30R	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-31R	0	-37	-45	No	16	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-32R	0	-37	-45	No	16	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-33R	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-39	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-55	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-56	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-58	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-68	-0.1117	-5	-12	No	6	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-69	-0.1116	-5	-12	No	6	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-70	-0.1118	-5	-12	No	6	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	PZ-13	-0.1118	-5	-12	No	6	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-57R	-0.09001	-22	-27	No	11	100	n/a	n/a	0.05	NP
1,4-Dichlorobenzene (ug/L)	MW-73	-0.09001	-22	-27	No	11	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	GU-3A	0	-37	-45	No	16	81.25	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-14R	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-18	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-19	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-23 (bg)	-1.246	-13	-17	No	8	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-24R (bg)	-0.4282	-21	-23	No	10	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-28	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	**MW-29**	**-0.00212**	**-48**	**-45**	**Yes**	**16**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
2-Butanone [MEK] (ug/L)	MW-30R	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-31R	0	-37	-45	No	16	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-32R	0	-37	-45	No	16	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-33R	0	-45	-45	No	16	100	n/a	n/a	0.05	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 1:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
2-Butanone [MEK] (ug/L)	MW-39	0	-40	-45	No	16	93.75	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-55	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	**MW-56**	**0**	**-52**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
2-Butanone [MEK] (ug/L)	MW-58	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-68	-1.446	-5	-12	No	6	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-69	-1.444	-5	-12	No	6	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-70	-1.447	-5	-12	No	6	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	PZ-13	-1.447	-5	-12	No	6	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-57R	-1.165	-22	-27	No	11	100	n/a	n/a	0.05	NP
2-Butanone [MEK] (ug/L)	MW-73	-1.165	-22	-27	No	11	100	n/a	n/a	0.05	NP
4,4`-DDD (ug/L)	MW-14R	-0.0009637	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-18	-0.00134	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-19	-0.002051	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-28	-0.00131	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-29	-0.0007473	-6	-30	No	12	58.33	n/a	n/a	0.05	NP
4,4`-DDD (ug/L)	MW-30R	-0.001209	-6	-8	No	4	100	n/a	n/a	0.05	NP
4,4`-DDD (ug/L)	MW-31R	-0.001146	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-32R	-0.0008839	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-33R	-0.001652	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-39	-0.0008372	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-55	-0.001242	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-56	-0.001157	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-58	-0.001087	-7	-12	No	6	100	n/a	n/a	0.05	NP
4,4`-DDD (ug/L)	MW-57R	0.001239	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-14R	-0.0005072	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-18	-0.0007345	-2	-8	No	4	75	n/a	n/a	0.05	NP
4,4`-DDE (ug/L)	MW-19	-0.001584	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-28	-0.0008529	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-29	0.002465	5	15	No	7	71.43	n/a	n/a	0.05	NP
4,4`-DDE (ug/L)	MW-30R	-0.0008531	-4	-8	No	4	100	n/a	n/a	0.05	NP
4,4`-DDE (ug/L)	MW-31R	-0.0007397	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-32R	-0.00046	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-33R	-0.001194	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-39	-0.0004574	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-55	0.002385	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-56	-0.0007107	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-58	-0.0006364	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-57R	0.001577	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Acetone (ug/L)	**GU-3A**	**-0.5421**	**-60**	**-45**	**Yes**	**16**	**56.25**	**n/a**	**n/a**	**0.05**	**NP**
Acetone (ug/L)	**MW-14R**	**-0.03988**	**-50**	**-45**	**Yes**	**16**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
Acetone (ug/L)	MW-18	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Acetone (ug/L)	**MW-19**	**0**	**-52**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
Acetone (ug/L)	MW-23 (bg)	-0.1966	-10	-17	No	8	75	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-24R (bg)	-0.4022	-21	-23	No	10	100	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-28	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-29	-0.09601	-21	-45	No	16	50	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-30R	0	-32	-45	No	16	87.5	n/a	n/a	0.05	NP
Acetone (ug/L)	**MW-31R**	**0**	**-48**	**-45**	**Yes**	**16**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
Acetone (ug/L)	MW-32R	0	-45	-45	No	16	93.75	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-33R	0	-27	-45	No	16	81.25	n/a	n/a	0.05	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 1:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Acetone (ug/L)	**MW-39**	**0**	**-56**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Acetone (ug/L)	MW-55	0	-36	-45	No	16	93.75	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-56	0	-32	-45	No	16	87.5	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-58	0	-44	-45	No	16	81.25	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-68	-1.358	-5	-12	No	6	100	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-69	-1.357	-5	-12	No	6	100	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-70	-1.359	-5	-12	No	6	100	n/a	n/a	0.05	NP
Acetone (ug/L)	PZ-13	-1.359	-5	-12	No	6	100	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-57R	-0.09718	-22	-27	No	11	81.82	n/a	n/a	0.05	NP
Acetone (ug/L)	MW-73	-1.094	-22	-27	No	11	100	n/a	n/a	0.05	NP
Aldrin (ug/L)	MW-14R	-0.001238	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-18	0.001814	1	15	No	7	57.14	n/a	n/a	0.05	NP
Aldrin (ug/L)	MW-19	-0.002325	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-28	-0.001594	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-29	0.0002422	4	23	No	10	50	n/a	n/a	0.05	NP
Aldrin (ug/L)	MW-30R	-0.001012	-6	-8	No	4	100	n/a	n/a	0.05	NP
Aldrin (ug/L)	MW-31R	-0.001389	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-32R	-0.001136	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-33R	-0.001921	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-39	-0.00107	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-55	-0.001509	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-56	-0.001421	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-58	-0.001351	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-57R	0.001127	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-14R	-0.002333	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-18	0.0004496	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-19	-0.003451	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-28	-0.002694	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-29	0.0005342	8	30	No	12	41.67	n/a	n/a	0.05	NP
Alpha-BHC (ug/L)	MW-30R	-0.001655	-6	-8	No	4	100	n/a	n/a	0.05	NP
Alpha-BHC (ug/L)	MW-31R	-0.002364	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-32R	-0.002139	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-33R	-0.003019	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-39	-0.001993	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-55	-0.002579	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-56	-0.002493	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-58	0.001328	9	15	No	7	57.14	n/a	n/a	0.05	NP
Alpha-BHC (ug/L)	MW-57R	0.0004957	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Alpha-Chlordane (ug/L)	MW-29	0	-3	-15	No	7	71.43	n/a	n/a	0.05	NP
Ammonia as N (mg/L)	**SW-101**	**-0.05123**	**-27**	**-20**	**Yes**	**9**	**77.78**	**n/a**	**n/a**	**0.05**	**NP**
Ammonia as N (mg/L)	SW-102	-0.02212	-13	-17	No	8	87.5	n/a	n/a	0.05	NP
Ammonia as N (mg/L)	SW-103	-0.01079	-12	-20	No	9	66.67	n/a	n/a	0.05	NP
Ammonia as N (mg/L)	SW-104	-0.005021	-4	-12	No	6	83.33	n/a	n/a	0.05	NP
Ammonia as N (mg/L)	SW-105	-0.05087	-10	-12	No	6	66.67	n/a	n/a	0.05	NP
Ammonia as N (mg/L)	**SW-106**	**-0.04812**	**-25**	**-20**	**Yes**	**9**	**88.89**	**n/a**	**n/a**	**0.05**	**NP**
Ammonia as N (mg/L)	**SW-107**	**-0.04693**	**-24**	**-20**	**Yes**	**9**	**88.89**	**n/a**	**n/a**	**0.05**	**NP**
Antimony (mg/L)	**GU-3A**	**-0.0003631**	**-50**	**-45**	**Yes**	**16**	**75**	**n/a**	**n/a**	**0.05**	**NP**
Antimony (mg/L)	**MW-14R**	**-0.0003819**	**-60**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Antimony (mg/L)	MW-18	0	-44	-45	No	16	100	n/a	n/a	0.05	NP
Antimony (mg/L)	MW-19	0	-44	-45	No	16	100	n/a	n/a	0.05	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 1:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Antimony (mg/L)	**MW-23 (bg)**	**-0.000382**	**-60**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Antimony (mg/L)	**MW-24R (bg)**	**-0.0003281**	**-50**	**-41**	**Yes**	**15**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Antimony (mg/L)	MW-28	0	-44	-45	No	16	100	n/a	n/a	0.05	NP
Antimony (mg/L)	**MW-29**	**-0.0004246**	**-64**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Antimony (mg/L)	**MW-30R**	**-0.000467**	**-68**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Antimony (mg/L)	**MW-31R**	**-0.0003896**	**-60**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Antimony (mg/L)	**MW-32R**	**-0.0003896**	**-60**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Antimony (mg/L)	MW-33R	0	-44	-45	No	16	100	n/a	n/a	0.05	NP
Antimony (mg/L)	**MW-39**	**-0.0004089**	**-63**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Antimony (mg/L)	MW-55	0	-33	-45	No	16	100	n/a	n/a	0.05	NP
Antimony (mg/L)	**MW-56**	**-0.0003396**	**-52**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Antimony (mg/L)	**MW-58**	**-0.0003857**	**-54**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
Antimony (mg/L)	MW-57R	0	-10	-27	No	11	100	n/a	n/a	0.05	NP
Antimony (mg/L)	MW-73	0	-6	-23	No	10	90	n/a	n/a	0.05	NP
Arsenic (mg/L)	GU-3A	-0.00007295	-27	-45	No	16	25	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-14R	0.0004083	42	45	No	16	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-18	-0.00001888	-26	-45	No	16	62.5	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-19	0	-16	-45	No	16	100	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-23 (bg)	0	-11	-45	No	16	87.5	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-24R (bg)	0	-36	-45	No	16	100	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-28	-0.0001219	-42	-45	No	16	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-29	-0.0007841	-18	-45	No	16	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-30R	-0.0008738	-34	-45	No	16	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-31R	0.0003563	34	45	No	16	37.5	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-32R	-0.00004714	-44	-45	No	16	56.25	n/a	n/a	0.05	NP
Arsenic (mg/L)	**MW-33R**	**-0.00125**	**-48**	**-45**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Arsenic (mg/L)	MW-39	-0.000005885	-24	-45	No	16	68.75	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-55	0	-23	-45	No	16	93.75	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-56	0.001504	32	45	No	16	6.25	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-58	0.001346	44	45	No	16	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	**MW-60**	**-0.0001488**	**-28**	**-27**	**Yes**	**11**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Arsenic (mg/L)	MW-62	-0.00006118	-18	-20	No	9	22.22	n/a	n/a	0.05	NP
Arsenic (mg/L)	PZ-13	-0.000004603	-1	-27	No	11	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	SW-101	-0.0001192	-5	-20	No	9	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	SW-102	-0.0004014	-8	-17	No	8	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	SW-103	-0.0001981	-11	-17	No	8	25	n/a	n/a	0.05	NP
Arsenic (mg/L)	SW-106	-0.0002537	-12	-20	No	9	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	SW-107	-0.00005933	-2	-20	No	9	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-57R	-0.0002799	-3	-27	No	11	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-73	-0.0001582	-4	-23	No	10	0	n/a	n/a	0.05	NP
Barium (mg/L)	**GU-3A**	**-0.01181**	**-60**	**-45**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Barium (mg/L)	**MW-14R**	**0.008221**	**83**	**45**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Barium (mg/L)	**MW-18**	**-0.003649**	**-57**	**-45**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Barium (mg/L)	MW-19	-0.0002259	-16	-45	No	16	0	n/a	n/a	0.05	NP
Barium (mg/L)	MW-23 (bg)	-0.005568	-26	-45	No	16	0	n/a	n/a	0.05	NP
Barium (mg/L)	**MW-24R (bg)**	**-0.004891**	**-46**	**-45**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Barium (mg/L)	MW-28	-0.0005963	-30	-45	No	16	0	n/a	n/a	0.05	NP
Barium (mg/L)	**MW-29**	**-0.09299**	**-92**	**-45**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Barium (mg/L)	MW-30R	-0.01312	-33	-45	No	16	0	n/a	n/a	0.05	NP
Barium (mg/L)	MW-31R	-0.002069	-4	-45	No	16	0	n/a	n/a	0.05	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 1:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	MW-32R	-0.004743	-24	-45	No	16	0	n/a	n/a	0.05	NP
Barium (mg/L)	MW-33R	-0.001118	-1	-45	No	16	0	n/a	n/a	0.05	NP
Barium (mg/L)	MW-39	-0.001235	-26	-45	No	16	0	n/a	n/a	0.05	NP
Barium (mg/L)	**MW-55**	**-0.006588**	**-56**	**-45**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Barium (mg/L)	MW-56	-0.004558	-4	-45	No	16	0	n/a	n/a	0.05	NP
Barium (mg/L)	MW-58	0.00676	22	45	No	16	0	n/a	n/a	0.05	NP
Barium (mg/L)	MW-57R	-0.07734	-21	-27	No	11	0	n/a	n/a	0.05	NP
Barium (mg/L)	MW-73	-0.01006	-17	-27	No	11	0	n/a	n/a	0.05	NP
Benzene (ug/L)	**GU-3A**	**0**	**-47**	**-45**	**Yes**	**16**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
Benzene (ug/L)	**MW-14R**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Benzene (ug/L)	**MW-18**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Benzene (ug/L)	**MW-19**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Benzene (ug/L)	MW-23 (bg)	-0.04825	-16	-17	No	8	100	n/a	n/a	0.05	NP
Benzene (ug/L)	**MW-24R (bg)**	**-0.01817**	**-24**	**-23**	**Yes**	**10**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Benzene (ug/L)	**MW-28**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Benzene (ug/L)	MW-29	0.01579	17	45	No	16	0	n/a	n/a	0.05	NP
Benzene (ug/L)	**MW-30R**	**-0.03063**	**-74**	**-45**	**Yes**	**16**	**6.25**	**n/a**	**n/a**	**0.05**	**NP**
Benzene (ug/L)	MW-31R	0	-15	-45	No	16	93.75	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-32R	0	-39	-45	No	16	100	n/a	n/a	0.05	NP
Benzene (ug/L)	**MW-33R**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Benzene (ug/L)	**MW-39**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Benzene (ug/L)	MW-55	0	-41	-45	No	16	93.75	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-56	-0.0342	-13	-45	No	16	18.75	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-58	0.09308	34	45	No	16	0	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-68	0.7821	9	12	No	6	0	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-69	-0.09456	-5	-12	No	6	16.67	n/a	n/a	0.05	NP
Benzene (ug/L)	**MW-70**	**-0.02928**	**-28**	**-27**	**Yes**	**11**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Benzene (ug/L)	PZ-13	-0.06138	-8	-12	No	6	100	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-57R	0.2104	7	27	No	11	9.091	n/a	n/a	0.05	NP
Benzene (ug/L)	MW-73	-0.006697	-25	-27	No	11	81.82	n/a	n/a	0.05	NP
Beryllium (mg/L)	GU-3A	0	-24	-45	No	16	81.25	n/a	n/a	0.05	NP
Beryllium (mg/L)	**MW-14R**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Beryllium (mg/L)	**MW-18**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Beryllium (mg/L)	**MW-19**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Beryllium (mg/L)	**MW-23 (bg)**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Beryllium (mg/L)	**MW-24R (bg)**	**0**	**-44**	**-41**	**Yes**	**15**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Beryllium (mg/L)	**MW-28**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Beryllium (mg/L)	**MW-29**	**0**	**-57**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
Beryllium (mg/L)	MW-30R	-0.000008917	-42	-45	No	16	75	n/a	n/a	0.05	NP
Beryllium (mg/L)	**MW-31R**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Beryllium (mg/L)	**MW-32R**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Beryllium (mg/L)	MW-33R	0	-45	-45	No	16	87.5	n/a	n/a	0.05	NP
Beryllium (mg/L)	**MW-39**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Beryllium (mg/L)	**MW-55**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Beryllium (mg/L)	**MW-56**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Beryllium (mg/L)	MW-58	0	-41	-45	No	16	87.5	n/a	n/a	0.05	NP
Beryllium (mg/L)	MW-57R	-0.0001183	-18	-27	No	11	100	n/a	n/a	0.05	NP
Beryllium (mg/L)	MW-73	-0.0001469	-19	-23	No	10	100	n/a	n/a	0.05	NP
Beta-BHC (ug/L)	MW-14R	0.0005884	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-18	0.0001845	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 1:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Beta-BHC (ug/L)	MW-19	-0.0004569	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-28	0.0002538	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-29	-0.002165	-6	-30	No	12	41.67	n/a	n/a	0.05	NP
Beta-BHC (ug/L)	MW-30R	0.000367	4	8	No	4	100	n/a	n/a	0.05	NP
Beta-BHC (ug/L)	MW-31R	0.0002346	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-32R	0.0005411	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-33R	-0.00009951	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-39	0.0004661	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-55	0.0002761	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-56	0.00295	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-58	0.0006303	4	8	No	4	100	n/a	n/a	0.05	NP
Beta-BHC (ug/L)	MW-57R	0.00214	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Cadmium (mg/L)	**GU-3A**	**-0.00002934**	**-60**	**-45**	**Yes**	**16**	**75**	**n/a**	**n/a**	**0.05**	**NP**
Cadmium (mg/L)	**MW-14R**	**-0.00001745**	**-56**	**-45**	**Yes**	**16**	**56.25**	**n/a**	**n/a**	**0.05**	**NP**
Cadmium (mg/L)	MW-18	-0.000001329	-22	-45	No	16	50	n/a	n/a	0.05	NP
Cadmium (mg/L)	MW-19	-0.00002564	-45	-45	No	16	50	n/a	n/a	0.05	NP
Cadmium (mg/L)	**MW-23 (bg)**	**-0.00002976**	**-47**	**-34**	**Yes**	**13**	**84.62**	**n/a**	**n/a**	**0.05**	**NP**
Cadmium (mg/L)	**MW-24R (bg)**	**-0.00002753**	**-53**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
Cadmium (mg/L)	**MW-28**	**-0.00001401**	**-65**	**-45**	**Yes**	**16**	**68.75**	**n/a**	**n/a**	**0.05**	**NP**
Cadmium (mg/L)	**MW-29**	**-0.00003375**	**-64**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Cadmium (mg/L)	MW-30R	-0.000001867	-36	-45	No	16	75	n/a	n/a	0.05	NP
Cadmium (mg/L)	**MW-31R**	**-0.00002865**	**-48**	**-45**	**Yes**	**16**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
Cadmium (mg/L)	MW-32R	-0.00002232	-44	-45	No	16	62.5	n/a	n/a	0.05	NP
Cadmium (mg/L)	**MW-33R**	**-0.00004202**	**-75**	**-45**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Cadmium (mg/L)	**MW-39**	**-0.00004738**	**-75**	**-45**	**Yes**	**16**	**25**	**n/a**	**n/a**	**0.05**	**NP**
Cadmium (mg/L)	**MW-55**	**-0.00002612**	**-76**	**-45**	**Yes**	**16**	**56.25**	**n/a**	**n/a**	**0.05**	**NP**
Cadmium (mg/L)	**MW-56**	**-0.0000114**	**-47**	**-45**	**Yes**	**16**	**62.5**	**n/a**	**n/a**	**0.05**	**NP**
Cadmium (mg/L)	**MW-58**	**-0.00002415**	**-62**	**-45**	**Yes**	**16**	**75**	**n/a**	**n/a**	**0.05**	**NP**
Cadmium (mg/L)	MW-57R	0.0001084	17	27	No	11	0	n/a	n/a	0.05	NP
Cadmium (mg/L)	**MW-73**	**-0.0000704**	**-27**	**-23**	**Yes**	**10**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Carbon Disulfide (ug/L)	**GU-3A**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Carbon Disulfide (ug/L)	**MW-14R**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Carbon Disulfide (ug/L)	MW-18	0	-37	-45	No	16	93.75	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-19	0	-35	-45	No	16	93.75	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-23 (bg)	-0.09478	-16	-17	No	8	100	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	**MW-24R (bg)**	**-0.03568**	**-24**	**-23**	**Yes**	**10**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Carbon Disulfide (ug/L)	**MW-28**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Carbon Disulfide (ug/L)	**MW-29**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Carbon Disulfide (ug/L)	**MW-30R**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Carbon Disulfide (ug/L)	MW-31R	0	-39	-45	No	16	100	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-32R	0	-39	-45	No	16	100	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	**MW-33R**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Carbon Disulfide (ug/L)	**MW-39**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Carbon Disulfide (ug/L)	**MW-55**	**0**	**-53**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
Carbon Disulfide (ug/L)	MW-56	0	-41	-45	No	16	87.5	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-58	0	-41	-45	No	16	93.75	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-68	-0.1205	-8	-12	No	6	100	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-69	-0.1204	-8	-12	No	6	100	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	MW-70	-0.1206	-8	-12	No	6	100	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	PZ-13	-0.1206	-8	-12	No	6	100	n/a	n/a	0.05	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 1:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Carbon Disulfide (ug/L)	MW-57R	-0.01271	-25	-27	No	11	90.91	n/a	n/a	0.05	NP
Carbon Disulfide (ug/L)	**MW-73**	**-0.09707**	**-28**	**-27**	**Yes**	**11**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chemical Oxygen Demand (mg/L)	SW-101	1.53	7	20	No	9	33.33	n/a	n/a	0.05	NP
Chemical Oxygen Demand (mg/L)	SW-102	-2.475	-8	-17	No	8	12.5	n/a	n/a	0.05	NP
Chemical Oxygen Demand (mg/L)	SW-103	-0.3732	-3	-17	No	8	37.5	n/a	n/a	0.05	NP
Chemical Oxygen Demand (mg/L)	**SW-104**	**-6.825**	**-14**	**-12**	**Yes**	**6**	**66.67**	**n/a**	**n/a**	**0.05**	**NP**
Chemical Oxygen Demand (mg/L)	SW-105	-0.2186	-1	-12	No	6	0	n/a	n/a	0.05	NP
Chemical Oxygen Demand (mg/L)	SW-106	-0.336	-6	-20	No	9	33.33	n/a	n/a	0.05	NP
Chemical Oxygen Demand (mg/L)	SW-107	-0.2876	-5	-20	No	9	44.44	n/a	n/a	0.05	NP
Chloride (mg/L)	SW-101	-1.46	-10	-17	No	8	0	n/a	n/a	0.05	NP
Chloride (mg/L)	SW-102	-0.6936	-3	-15	No	7	0	n/a	n/a	0.05	NP
Chloride (mg/L)	**SW-103**	**-1.673**	**-20**	**-17**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Chloride (mg/L)	SW-104	0.04624	1	12	No	6	0	n/a	n/a	0.05	NP
Chloride (mg/L)	SW-105	-5.342	-5	-12	No	6	0	n/a	n/a	0.05	NP
Chloride (mg/L)	SW-106	-2.252	-16	-20	No	9	0	n/a	n/a	0.05	NP
Chloride (mg/L)	SW-107	-0.6056	0	20	No	9	0	n/a	n/a	0.05	NP
Chlorobenzene (ug/L)	**GU-3A**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chlorobenzene (ug/L)	**MW-14R**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chlorobenzene (ug/L)	**MW-18**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chlorobenzene (ug/L)	**MW-19**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chlorobenzene (ug/L)	**MW-23 (bg)**	**-0.1059**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chlorobenzene (ug/L)	**MW-24R (bg)**	**-0.0409**	**-27**	**-23**	**Yes**	**10**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chlorobenzene (ug/L)	**MW-28**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chlorobenzene (ug/L)	**MW-29**	**0.9643**	**97**	**45**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Chlorobenzene (ug/L)	**MW-30R**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chlorobenzene (ug/L)	MW-31R	0	-41	-45	No	16	100	n/a	n/a	0.05	NP
Chlorobenzene (ug/L)	MW-32R	0	-41	-45	No	16	100	n/a	n/a	0.05	NP
Chlorobenzene (ug/L)	**MW-33R**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chlorobenzene (ug/L)	**MW-39**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chlorobenzene (ug/L)	**MW-55**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chlorobenzene (ug/L)	**MW-56**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chlorobenzene (ug/L)	MW-58	0.2124	40	45	No	16	0	n/a	n/a	0.05	NP
Chlorobenzene (ug/L)	MW-68	-0.1424	-11	-12	No	6	100	n/a	n/a	0.05	NP
Chlorobenzene (ug/L)	MW-69	-0.1422	-11	-12	No	6	100	n/a	n/a	0.05	NP
Chlorobenzene (ug/L)	MW-70	-0.1425	-11	-12	No	6	100	n/a	n/a	0.05	NP
Chlorobenzene (ug/L)	PZ-13	-0.1425	-11	-12	No	6	100	n/a	n/a	0.05	NP
Chlorobenzene (ug/L)	**MW-57R**	**-0.1147**	**-31**	**-27**	**Yes**	**11**	**90.91**	**n/a**	**n/a**	**0.05**	**NP**
Chlorobenzene (ug/L)	**MW-73**	**-0.1147**	**-34**	**-27**	**Yes**	**11**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chloroethane (ug/L)	GU-3A	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-14R	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-18	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-19	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-23 (bg)	-0.5434	-13	-17	No	8	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-24R (bg)	-0.2011	-21	-23	No	10	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-28	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	**MW-29**	**-0.09693**	**-53**	**-45**	**Yes**	**16**	**56.25**	**n/a**	**n/a**	**0.05**	**NP**
Chloroethane (ug/L)	MW-30R	0	-24	-45	No	16	87.5	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-31R	0	-37	-45	No	16	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-32R	0	-37	-45	No	16	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-33R	0	-45	-45	No	16	100	n/a	n/a	0.05	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 1:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chloroethane (ug/L)	MW-39	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-55	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-56	0	-23	-45	No	16	81.25	n/a	n/a	0.05	NP
Chloroethane (ug/L)	**MW-58**	**-0.212**	**-73**	**-45**	**Yes**	**16**	**25**	**n/a**	**n/a**	**0.05**	**NP**
Chloroethane (ug/L)	MW-68	-0.6792	-5	-12	No	6	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-69	-0.6784	-5	-12	No	6	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-70	-0.6796	-5	-12	No	6	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	PZ-13	-0.6796	-5	-12	No	6	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-57R	-0.5471	-22	-27	No	11	100	n/a	n/a	0.05	NP
Chloroethane (ug/L)	MW-73	-0.5471	-22	-27	No	11	100	n/a	n/a	0.05	NP
Chromium (mg/L)	**GU-3A**	**-0.001151**	**-73**	**-45**	**Yes**	**16**	**81.25**	**n/a**	**n/a**	**0.05**	**NP**
Chromium (mg/L)	**MW-14R**	**-0.00139**	**-79**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chromium (mg/L)	**MW-18**	**-0.0007253**	**-75**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chromium (mg/L)	**MW-19**	**-0.0007255**	**-75**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chromium (mg/L)	**MW-23 (bg)**	**-0.001391**	**-79**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chromium (mg/L)	**MW-24R (bg)**	**-0.00123**	**-60**	**-37**	**Yes**	**14**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chromium (mg/L)	**MW-28**	**-0.0008985**	**-80**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
Chromium (mg/L)	**MW-29**	**-0.001393**	**-64**	**-45**	**Yes**	**16**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
Chromium (mg/L)	**MW-30R**	**-0.001478**	**-60**	**-45**	**Yes**	**16**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
Chromium (mg/L)	**MW-31R**	**-0.001314**	**-69**	**-45**	**Yes**	**16**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
Chromium (mg/L)	**MW-32R**	**-0.001089**	**-55**	**-45**	**Yes**	**16**	**81.25**	**n/a**	**n/a**	**0.05**	**NP**
Chromium (mg/L)	**MW-33R**	**-0.0008503**	**-75**	**-45**	**Yes**	**16**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
Chromium (mg/L)	**MW-39**	**-0.00139**	**-79**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chromium (mg/L)	**MW-55**	**-0.0005546**	**-70**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chromium (mg/L)	**MW-56**	**-0.0007262**	**-75**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Chromium (mg/L)	**MW-58**	**-0.001229**	**-71**	**-45**	**Yes**	**16**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
Chromium (mg/L)	MW-57R	-0.0004488	-13	-27	No	11	81.82	n/a	n/a	0.05	NP
Chromium (mg/L)	MW-73	0	-5	-27	No	11	90.91	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	GU-3A	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	**MW-14R**	**1.267**	**92**	**45**	**Yes**	**16**	**6.25**	**n/a**	**n/a**	**0.05**	**NP**
cis-1,2-Dichloroethene (ug/L)	MW-18	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-19	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-23 (bg)	-0.09238	-13	-17	No	8	100	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-24R (bg)	-0.02919	-21	-23	No	10	100	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-28	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-29	-0.1802	-30	-45	No	16	0	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	**MW-30R**	**-2.57**	**-61**	**-45**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.05**	**NP**
cis-1,2-Dichloroethene (ug/L)	MW-31R	0	-38	-45	No	16	93.75	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-32R	0	-37	-45	No	16	100	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-33R	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-39	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-55	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-56	0	-22	-45	No	16	87.5	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-58	0	-38	-45	No	16	93.75	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-68	-0.1101	-28	-30	No	12	0	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	**MW-69**	**-0.9809**	**-53**	**-37**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.05**	**NP**
cis-1,2-Dichloroethene (ug/L)	MW-70	-0.04705	-25	-27	No	11	100	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	PZ-13	-0.001994	-2	-37	No	14	28.57	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-57R	0.2454	9	27	No	11	36.36	n/a	n/a	0.05	NP
cis-1,2-Dichloroethene (ug/L)	MW-73	-0.09865	-22	-27	No	11	90.91	n/a	n/a	0.05	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 1:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Cobalt (mg/L)	GU-3A	0.000001581	9	45	No	16	25	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-14R	-0.00001036	-16	-45	No	16	43.75	n/a	n/a	0.05	NP
Cobalt (mg/L)	**MW-18**	**-0.0001152**	**-52**	**-45**	**Yes**	**16**	**18.75**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**MW-19**	**-0.00008739**	**-48**	**-45**	**Yes**	**16**	**75**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**MW-23 (bg)**	**-0.00006376**	**-56**	**-45**	**Yes**	**16**	**25**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**MW-24R (bg)**	**-0.00007648**	**-54**	**-45**	**Yes**	**16**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	MW-28	-0.00001556	-41	-45	No	16	25	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-29	0.0002317	6	45	No	16	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-30R	0.0000225	5	45	No	16	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-31R	0.00001703	15	45	No	16	12.5	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-32R	-0.0000346	-17	-45	No	16	12.5	n/a	n/a	0.05	NP
Cobalt (mg/L)	**MW-33R**	**-0.0002455**	**-63**	**-45**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	MW-39	-0.0003317	-17	-45	No	16	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	**MW-55**	**-0.00005874**	**-49**	**-45**	**Yes**	**16**	**68.75**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	MW-56	0.0001374	10	45	No	16	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	**MW-58**	**-0.0003452**	**-72**	**-45**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	MW-60	-0.00001396	-19	-23	No	10	90	n/a	n/a	0.05	NP
Cobalt (mg/L)	PZ-13	0	8	27	No	11	63.64	n/a	n/a	0.05	NP
Cobalt (mg/L)	SW-101	-0.00001244	-8	-15	No	7	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	SW-102	-0.00001351	-5	-15	No	7	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	**SW-103**	**-0.0001223**	**-18**	**-17**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	SW-106	-0.000154	-13	-20	No	9	11.11	n/a	n/a	0.05	NP
Cobalt (mg/L)	SW-107	-0.00002428	-8	-20	No	9	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-57R	-0.001728	-3	-27	No	11	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-73	-0.000261	-17	-23	No	10	0	n/a	n/a	0.05	NP
Copper (mg/L)	**GU-3A**	**-0.001013**	**-68**	**-45**	**Yes**	**16**	**81.25**	**n/a**	**n/a**	**0.05**	**NP**
Copper (mg/L)	**MW-14R**	**-0.0005034**	**-53**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
Copper (mg/L)	**MW-18**	**-0.0008848**	**-46**	**-45**	**Yes**	**16**	**81.25**	**n/a**	**n/a**	**0.05**	**NP**
Copper (mg/L)	**MW-19**	**-0.0007937**	**-81**	**-45**	**Yes**	**16**	**75**	**n/a**	**n/a**	**0.05**	**NP**
Copper (mg/L)	**MW-23 (bg)**	**-0.0008848**	**-52**	**-45**	**Yes**	**16**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
Copper (mg/L)	**MW-24R (bg)**	**-0.0008848**	**-78**	**-45**	**Yes**	**16**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
Copper (mg/L)	**MW-28**	**-0.0005348**	**-46**	**-45**	**Yes**	**16**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
Copper (mg/L)	**MW-29**	**-0.00049**	**-46**	**-45**	**Yes**	**16**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
Copper (mg/L)	**MW-30R**	**-0.00049**	**-57**	**-45**	**Yes**	**16**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
Copper (mg/L)	**MW-31R**	**-0.0004231**	**-50**	**-45**	**Yes**	**16**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
Copper (mg/L)	**MW-32R**	**-0.0004503**	**-52**	**-45**	**Yes**	**16**	**68.75**	**n/a**	**n/a**	**0.05**	**NP**
Copper (mg/L)	MW-33R	-0.0005827	-38	-45	No	16	31.25	n/a	n/a	0.05	NP
Copper (mg/L)	MW-39	-0.0004949	-35	-45	No	16	81.25	n/a	n/a	0.05	NP
Copper (mg/L)	MW-55	-0.0003099	-34	-45	No	16	81.25	n/a	n/a	0.05	NP
Copper (mg/L)	**MW-56**	**-0.0003844**	**-49**	**-45**	**Yes**	**16**	**56.25**	**n/a**	**n/a**	**0.05**	**NP**
Copper (mg/L)	MW-58	-0.0003501	-30	-45	No	16	62.5	n/a	n/a	0.05	NP
Copper (mg/L)	MW-57R	0.00005381	9	23	No	10	0	n/a	n/a	0.05	NP
Copper (mg/L)	MW-73	-0.0005887	-17	-27	No	11	18.18	n/a	n/a	0.05	NP
Delta-BHC (ug/L)	MW-14R	-0.0003246	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-18	-0.0007088	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-19	-0.001391	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-28	-0.0006701	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-29	0.00237	4	10	No	5	80	n/a	n/a	0.05	NP
Delta-BHC (ug/L)	MW-30R	-0.0006319	-4	-8	No	4	100	n/a	n/a	0.05	NP
Delta-BHC (ug/L)	MW-31R	0.001711	1	15	No	7	71.43	n/a	n/a	0.05	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 1:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Delta-BHC (ug/L)	MW-32R	-0.0002976	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-33R	-0.001015	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-39	-0.0003021	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-55	-0.0006212	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-56	-0.0005381	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-58	0.003875	3	12	No	6	66.67	n/a	n/a	0.05	NP
Delta-BHC (ug/L)	MW-57R	0.001577	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-14R	-0.01014	-5	-15	No	7	14.29	n/a	n/a	0.05	NP
Dichlorodifluoromethane (ug/L)	MW-18	-0.1272	-3	-8	No	4	100	n/a	n/a	0.05	NP
Dichlorodifluoromethane (ug/L)	MW-19	-0.2792	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-28	-0.2792	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-29	-0.2847	-4	-8	No	4	100	n/a	n/a	0.05	NP
Dichlorodifluoromethane (ug/L)	MW-30R	-0.005061	-3	-17	No	8	50	n/a	n/a	0.05	NP
Dichlorodifluoromethane (ug/L)	MW-31R	-0.2481	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-32R	-0.248	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-33R	-0.2737	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-39	-0.2373	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-55	-0.2711	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-56	0	-22	-45	No	16	75	n/a	n/a	0.05	NP
Dichlorodifluoromethane (ug/L)	MW-58	-0.2692	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-57R	0.6759	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-14R	0.003195	9	15	No	7	57.14	n/a	n/a	0.05	NP
Endosulfan I (ug/L)	MW-18	-0.001068	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-19	-0.001767	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-28	-0.001036	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-29	0.0001623	7	20	No	9	66.67	n/a	n/a	0.05	NP
Endosulfan I (ug/L)	MW-30R	-0.0007674	-6	-8	No	4	100	n/a	n/a	0.05	NP
Endosulfan I (ug/L)	MW-31R	-0.0009021	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-32R	-0.0006313	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-33R	-0.001373	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-39	-0.0006128	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-55	-0.0009761	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-56	0.002216	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-58	0.003875	1	12	No	6	66.67	n/a	n/a	0.05	NP
Endosulfan I (ug/L)	MW-57R	0.001352	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-14R	-0.0008724	-3	-12	No	6	100	n/a	n/a	0.05	NP
Endosulfan II (ug/L)	MW-18	-0.001253	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-19	-0.00196	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-28	-0.001218	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	**MW-29**	**-0.001045**	**-24**	**-23**	**Yes**	**10**	**80**	**n/a**	**n/a**	**0.05**	**NP**
Endosulfan II (ug/L)	MW-30R	-0.0009939	-6	-8	No	4	100	n/a	n/a	0.05	NP
Endosulfan II (ug/L)	MW-31R	-0.001065	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-32R	-0.0008027	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-33R	-0.001562	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-39	-0.0007595	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-55	-0.001154	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-56	-0.001066	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-58	-0.0009987	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-57R	0.001352	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Ethylbenzene (ug/L)	GU-3A	0	-44	-45	No	16	93.75	n/a	n/a	0.05	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 1:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Ethylbenzene (ug/L)	MW-14R	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-18	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-19	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-23 (bg)	-0.1092	-13	-17	No	8	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-24R (bg)	-0.03763	-21	-23	No	10	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-28	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-29	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-30R	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-31R	0	-37	-45	No	16	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-32R	0	-37	-45	No	16	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-33R	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-39	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-55	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-56	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-58	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-68	-0.1271	-5	-12	No	6	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-69	-0.1269	-5	-12	No	6	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-70	-0.1271	-5	-12	No	6	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	PZ-13	-0.1271	-5	-12	No	6	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-57R	-0.1024	-22	-27	No	11	100	n/a	n/a	0.05	NP
Ethylbenzene (ug/L)	MW-73	-0.1024	-22	-27	No	11	100	n/a	n/a	0.05	NP
Gamma-BHC [Lindane] (ug/L)	MW-14R	0.0002527	3	12	No	6	100	n/a	n/a	0.05	NP
Gamma-BHC [Lindane] (ug/L)	MW-18	-0.002679	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-19	-0.003451	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-28	-0.002694	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-29	-0.0002183	-3	-12	No	6	66.67	n/a	n/a	0.05	NP
Gamma-BHC [Lindane] (ug/L)	MW-30R	-0.001507	-4	-8	No	4	100	n/a	n/a	0.05	NP
Gamma-BHC [Lindane] (ug/L)	MW-31R	-0.002364	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-32R	-0.002139	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-33R	-0.002184	-4	-8	No	4	100	n/a	n/a	0.05	NP
Gamma-BHC [Lindane] (ug/L)	MW-39	-0.001993	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-55	-0.002579	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-56	-0.002493	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-58	-0.00009869	-1	-12	No	6	100	n/a	n/a	0.05	NP
Gamma-BHC [Lindane] (ug/L)	MW-57R	0.0004957	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-14R	-0.001146	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-18	0.001533	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-19	-0.002234	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-28	-0.001492	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-29	0.001696	5	15	No	7	71.43	n/a	n/a	0.05	NP
Heptachlor (ug/L)	MW-30R	-0.0009709	-6	-8	No	4	100	n/a	n/a	0.05	NP
Heptachlor (ug/L)	MW-31R	-0.001308	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-32R	-0.001046	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-33R	-0.001831	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-39	-0.0009926	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-55	-0.00142	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-56	-0.00134	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-58	-0.0001769	-7	-12	No	6	100	n/a	n/a	0.05	NP
Heptachlor (ug/L)	MW-57R	0.001127	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-14R	-0.0003246	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 1:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Heptachlor Epoxide (ug/L)	MW-18	-0.0007088	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-19	-0.001391	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-28	-0.0006701	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-29	0.00237	11	15	No	7	42.86	n/a	n/a	0.05	NP
Heptachlor Epoxide (ug/L)	MW-30R	-0.0006319	-4	-8	No	4	100	n/a	n/a	0.05	NP
Heptachlor Epoxide (ug/L)	MW-31R	-0.0005774	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-32R	-0.0002976	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-33R	-0.001015	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-39	-0.0003021	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-55	-0.0006212	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-56	-0.0005381	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-58	-0.0004602	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-57R	0.001577	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Iron, Dissolved (mg/L)	SW-101	-0.06648	-12	-20	No	9	88.89	n/a	n/a	0.05	NP
Iron, Dissolved (mg/L)	SW-102	-0.06004	-13	-17	No	8	100	n/a	n/a	0.05	NP
Iron, Dissolved (mg/L)	SW-103	-0.01501	-17	-20	No	9	88.89	n/a	n/a	0.05	NP
Iron, Dissolved (mg/L)	SW-104	-0.05648	-5	-12	No	6	83.33	n/a	n/a	0.05	NP
Iron, Dissolved (mg/L)	SW-105	-0.05648	-5	-12	No	6	83.33	n/a	n/a	0.05	NP
Iron, Dissolved (mg/L)	SW-106	-0.06648	-12	-20	No	9	88.89	n/a	n/a	0.05	NP
Iron, Dissolved (mg/L)	SW-107	-0.06648	-16	-20	No	9	100	n/a	n/a	0.05	NP
Lead (mg/L)	**GU-3A**	**-0.0002698**	**-75**	**-45**	**Yes**	**16**	**75**	**n/a**	**n/a**	**0.05**	**NP**
Lead (mg/L)	**MW-14R**	**-0.00004526**	**-51**	**-45**	**Yes**	**16**	**81.25**	**n/a**	**n/a**	**0.05**	**NP**
Lead (mg/L)	**MW-18**	**-0.0001044**	**-87**	**-45**	**Yes**	**16**	**81.25**	**n/a**	**n/a**	**0.05**	**NP**
Lead (mg/L)	**MW-19**	**-0.0001094**	**-79**	**-45**	**Yes**	**16**	**81.25**	**n/a**	**n/a**	**0.05**	**NP**
Lead (mg/L)	MW-23 (bg)	-0.00004728	-43	-45	No	16	81.25	n/a	n/a	0.05	NP
Lead (mg/L)	**MW-24R (bg)**	**-0.00007167**	**-80**	**-45**	**Yes**	**16**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
Lead (mg/L)	**MW-28**	**-0.00004733**	**-51**	**-45**	**Yes**	**16**	**75**	**n/a**	**n/a**	**0.05**	**NP**
Lead (mg/L)	**MW-29**	**-0.00004264**	**-75**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Lead (mg/L)	**MW-30R**	**-0.0001968**	**-93**	**-45**	**Yes**	**16**	**37.5**	**n/a**	**n/a**	**0.05**	**NP**
Lead (mg/L)	**MW-31R**	**-0.00005098**	**-59**	**-45**	**Yes**	**16**	**75**	**n/a**	**n/a**	**0.05**	**NP**
Lead (mg/L)	**MW-32R**	**-0.0001908**	**-55**	**-45**	**Yes**	**16**	**18.75**	**n/a**	**n/a**	**0.05**	**NP**
Lead (mg/L)	**MW-33R**	**-0.0002001**	**-53**	**-45**	**Yes**	**16**	**25**	**n/a**	**n/a**	**0.05**	**NP**
Lead (mg/L)	**MW-39**	**-0.00004188**	**-60**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
Lead (mg/L)	**MW-55**	**-0.00003667**	**-53**	**-45**	**Yes**	**16**	**75**	**n/a**	**n/a**	**0.05**	**NP**
Lead (mg/L)	**MW-56**	**-0.00008096**	**-80**	**-45**	**Yes**	**16**	**68.75**	**n/a**	**n/a**	**0.05**	**NP**
Lead (mg/L)	**MW-58**	**-0.0003015**	**-73**	**-45**	**Yes**	**16**	**31.25**	**n/a**	**n/a**	**0.05**	**NP**
Lead (mg/L)	MW-57R	0.00002227	3	27	No	11	18.18	n/a	n/a	0.05	NP
Lead (mg/L)	MW-73	-0.0004367	-23	-23	No	10	10	n/a	n/a	0.05	NP
Mercury (mg/L)	MW-14R	-0.00000913	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-18	-0.000006391	-5	-10	No	5	80	n/a	n/a	0.05	NP
Mercury (mg/L)	MW-19	-0.000006757	-3	-8	No	4	75	n/a	n/a	0.05	NP
Mercury (mg/L)	MW-28	-0.000006757	-3	-8	No	4	75	n/a	n/a	0.05	NP
Mercury (mg/L)	MW-29	-0.000008809	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-30R	-0.000005918	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-31R	-0.000001534	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-32R	-0.000008117	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-33R	-0.000008956	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-39	-0.000007412	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-55	-0.000008874	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-56	-0.000005889	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 1:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Mercury (mg/L)	MW-58	-0.00000235	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-57R	-0.0000383	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Nickel (mg/L)	**GU-3A**	**-0.002034**	**-48**	**-45**	**Yes**	**16**	**37.5**	**n/a**	**n/a**	**0.05**	**NP**
Nickel (mg/L)	**MW-14R**	**-0.0005687**	**-76**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
Nickel (mg/L)	**MW-18**	**-0.0007022**	**-82**	**-45**	**Yes**	**16**	**18.75**	**n/a**	**n/a**	**0.05**	**NP**
Nickel (mg/L)	MW-19	-0.001001	-42	-45	No	16	68.75	n/a	n/a	0.05	NP
Nickel (mg/L)	MW-23 (bg)	-0.0001873	-14	-37	No	14	21.43	n/a	n/a	0.05	NP
Nickel (mg/L)	MW-24R (bg)	0	-14	-30	No	12	91.67	n/a	n/a	0.05	NP
Nickel (mg/L)	**MW-28**	**-0.0006326**	**-66**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
Nickel (mg/L)	**MW-29**	**-0.003969**	**-72**	**-45**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Nickel (mg/L)	**MW-30R**	**-0.0007335**	**-63**	**-45**	**Yes**	**16**	**18.75**	**n/a**	**n/a**	**0.05**	**NP**
Nickel (mg/L)	**MW-31R**	**-0.0005135**	**-79**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
Nickel (mg/L)	**MW-32R**	**-0.0006026**	**-80**	**-45**	**Yes**	**16**	**81.25**	**n/a**	**n/a**	**0.05**	**NP**
Nickel (mg/L)	**MW-33R**	**-0.0006284**	**-57**	**-45**	**Yes**	**16**	**12.5**	**n/a**	**n/a**	**0.05**	**NP**
Nickel (mg/L)	**MW-39**	**-0.002067**	**-86**	**-45**	**Yes**	**16**	**6.25**	**n/a**	**n/a**	**0.05**	**NP**
Nickel (mg/L)	**MW-55**	**-0.0009749**	**-85**	**-45**	**Yes**	**16**	**56.25**	**n/a**	**n/a**	**0.05**	**NP**
Nickel (mg/L)	**MW-56**	**-0.001376**	**-66**	**-45**	**Yes**	**16**	**12.5**	**n/a**	**n/a**	**0.05**	**NP**
Nickel (mg/L)	MW-58	-0.001499	-30	-45	No	16	12.5	n/a	n/a	0.05	NP
Nickel (mg/L)	MW-57R	-0.003035	-17	-27	No	11	0	n/a	n/a	0.05	NP
Nickel (mg/L)	MW-73	-0.001991	-23	-27	No	11	0	n/a	n/a	0.05	NP
Nitrate as N (mg/L)	SW-105	-0.00428	-2	-12	No	6	50	n/a	n/a	0.05	NP
Nitrate as N (mg/L)	SW-107	0.3109	2	17	No	8	0	n/a	n/a	0.05	NP
Selenium (mg/L)	GU-3A	0	-37	-45	No	16	87.5	n/a	n/a	0.05	NP
Selenium (mg/L)	MW-14R	0	-39	-45	No	16	93.75	n/a	n/a	0.05	NP
Selenium (mg/L)	MW-18	0	-35	-45	No	16	93.75	n/a	n/a	0.05	NP
Selenium (mg/L)	MW-19	0	-35	-45	No	16	93.75	n/a	n/a	0.05	NP
Selenium (mg/L)	**MW-23 (bg)**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Selenium (mg/L)	MW-24R (bg)	-0.000229	-40	-41	No	15	46.67	n/a	n/a	0.05	NP
Selenium (mg/L)	MW-28	0	-35	-45	No	16	93.75	n/a	n/a	0.05	NP
Selenium (mg/L)	**MW-29**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Selenium (mg/L)	**MW-30R**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Selenium (mg/L)	**MW-31R**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Selenium (mg/L)	**MW-32R**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Selenium (mg/L)	MW-33R	0	-43	-45	No	16	93.75	n/a	n/a	0.05	NP
Selenium (mg/L)	MW-39	0	-43	-45	No	16	93.75	n/a	n/a	0.05	NP
Selenium (mg/L)	**MW-55**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Selenium (mg/L)	MW-56	-0.00008046	-42	-45	No	16	87.5	n/a	n/a	0.05	NP
Selenium (mg/L)	MW-58	0	-41	-45	No	16	87.5	n/a	n/a	0.05	NP
Selenium (mg/L)	MW-57R	-0.0006354	-18	-27	No	11	100	n/a	n/a	0.05	NP
Selenium (mg/L)	MW-73	-0.0007892	-19	-23	No	10	100	n/a	n/a	0.05	NP
Silver (mg/L)	**GU-3A**	**-0.000152**	**-69**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
Silver (mg/L)	**MW-14R**	**-0.0008702**	**-84**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Silver (mg/L)	**MW-18**	**-0.0001036**	**-80**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Silver (mg/L)	**MW-19**	**-0.0001035**	**-80**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Silver (mg/L)	**MW-23 (bg)**	**-0.0008705**	**-84**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Silver (mg/L)	**MW-24R (bg)**	**-0.0002019**	**-74**	**-41**	**Yes**	**15**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Silver (mg/L)	**MW-28**	**-0.0001035**	**-80**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Silver (mg/L)	**MW-29**	**-0.0003357**	**-76**	**-45**	**Yes**	**16**	**81.25**	**n/a**	**n/a**	**0.05**	**NP**
Silver (mg/L)	**MW-30R**	**-0.0008843**	**-71**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
Silver (mg/L)	**MW-31R**	**-0.0008841**	**-79**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 1:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Silver (mg/L)	**MW-32R**	**-0.0008843**	**-84**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Silver (mg/L)	**MW-33R**	**-0.00009799**	**-80**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Silver (mg/L)	**MW-39**	**-0.001163**	**-85**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
Silver (mg/L)	**MW-55**	**-0.00008404**	**-75**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Silver (mg/L)	**MW-56**	**-0.0001116**	**-83**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
Silver (mg/L)	**MW-58**	**-0.0003032**	**-89**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
Silver (mg/L)	MW-57R	-0.00008825	-18	-27	No	11	100	n/a	n/a	0.05	NP
Silver (mg/L)	MW-73	-0.00008825	-22	-27	No	11	100	n/a	n/a	0.05	NP
Sulfide (mg/L)	MW-14R	-0.07097	-4	-8	No	4	100	n/a	n/a	0.05	NP
Sulfide (mg/L)	MW-18	0	-19	-27	No	11	90.91	n/a	n/a	0.05	NP
Sulfide (mg/L)	MW-19	-0.07808	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-23 (bg)	0.3235	3	8	No	4	75	n/a	n/a	0.05	NP
Sulfide (mg/L)	MW-24R (bg)	0	0	8	No	4	100	n/a	n/a	0.05	NP
Sulfide (mg/L)	MW-28	-0.07808	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-29	0	-22	-27	No	11	90.91	n/a	n/a	0.05	NP
Sulfide (mg/L)	MW-30R	0.001572	3	15	No	7	57.14	n/a	n/a	0.05	NP
Sulfide (mg/L)	MW-31R	-0.07621	-11	-15	No	7	71.43	n/a	n/a	0.05	NP
Sulfide (mg/L)	MW-32R	-0.03327	-8	-15	No	7	85.71	n/a	n/a	0.05	NP
Sulfide (mg/L)	MW-33R	-0.07652	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-39	-0.06637	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-55	-0.07277	-3	-8	No	4	100	n/a	n/a	0.05	NP
Sulfide (mg/L)	MW-56	-0.07808	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-58	-0.07529	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Tetrachloroethene (ug/L)	**GU-3A**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Tetrachloroethene (ug/L)	**MW-14R**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Tetrachloroethene (ug/L)	MW-18	0	-29	-45	No	16	93.75	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	**MW-19**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Tetrachloroethene (ug/L)	MW-23 (bg)	-0.08961	-16	-17	No	8	100	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	**MW-24R (bg)**	**-0.03374**	**-24**	**-23**	**Yes**	**10**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Tetrachloroethene (ug/L)	**MW-28**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Tetrachloroethene (ug/L)	**MW-29**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Tetrachloroethene (ug/L)	**MW-30R**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Tetrachloroethene (ug/L)	MW-31R	0	-39	-45	No	16	100	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	MW-32R	0	-39	-45	No	16	100	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	**MW-33R**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Tetrachloroethene (ug/L)	**MW-39**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Tetrachloroethene (ug/L)	**MW-55**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Tetrachloroethene (ug/L)	**MW-56**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Tetrachloroethene (ug/L)	**MW-58**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Tetrachloroethene (ug/L)	MW-68	0	-28	-34	No	13	92.31	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	MW-69	0	-24	-37	No	14	78.57	n/a	n/a	0.05	NP
Tetrachloroethene (ug/L)	**MW-70**	**-0.05437**	**-28**	**-27**	**Yes**	**11**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Tetrachloroethene (ug/L)	**PZ-13**	**0**	**-40**	**-37**	**Yes**	**14**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Tetrachloroethene (ug/L)	**MW-57R**	**-0.09178**	**-28**	**-27**	**Yes**	**11**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Tetrachloroethene (ug/L)	**MW-73**	**-0.09178**	**-28**	**-27**	**Yes**	**11**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Thallium (mg/L)	**GU-3A**	**-0.0001043**	**-59**	**-45**	**Yes**	**16**	**81.25**	**n/a**	**n/a**	**0.05**	**NP**
Thallium (mg/L)	**MW-14R**	**-0.0001116**	**-81**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Thallium (mg/L)	**MW-18**	**-0.00009891**	**-79**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
Thallium (mg/L)	**MW-19**	**-0.00009946**	**-68**	**-45**	**Yes**	**16**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 1:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Thallium (mg/L)	**MW-23 (bg)**	**-0.0001098**	**-81**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Thallium (mg/L)	**MW-24R (bg)**	**-0.00009744**	**-71**	**-41**	**Yes**	**15**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Thallium (mg/L)	**MW-28**	**-0.00009898**	**-79**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
Thallium (mg/L)	**MW-29**	**-0.0001089**	**-81**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Thallium (mg/L)	**MW-30R**	**-0.0001161**	**-80**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
Thallium (mg/L)	**MW-31R**	**-0.0001135**	**-81**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Thallium (mg/L)	**MW-32R**	**-0.0001154**	**-86**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
Thallium (mg/L)	**MW-33R**	**-0.00009937**	**-77**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Thallium (mg/L)	**MW-39**	**-0.0001103**	**-81**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Thallium (mg/L)	**MW-55**	**-0.00007774**	**-72**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Thallium (mg/L)	**MW-56**	**-0.0001075**	**-71**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Thallium (mg/L)	**MW-58**	**-0.0001069**	**-81**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Thallium (mg/L)	MW-57R	0	-9	-27	No	11	100	n/a	n/a	0.05	NP
Thallium (mg/L)	MW-73	-0.00008999	-16	-27	No	11	90.91	n/a	n/a	0.05	NP
Tin (mg/L)	MW-14R	-0.009911	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-18	-0.009261	-5	-8	No	4	100	n/a	n/a	0.05	NP
Tin (mg/L)	MW-19	-0.009919	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-24R (bg)	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-28	-0.009919	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-29	-0.01935	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	**MW-30R**	**-0.02611**	**-20**	**-17**	**Yes**	**8**	**75**	**n/a**	**n/a**	**0.05**	**NP**
Tin (mg/L)	MW-31R	-0.008814	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-32R	-0.008812	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-33R	0	-26	-27	No	11	90.91	n/a	n/a	0.05	NP
Tin (mg/L)	MW-39	-0.008432	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	**MW-55**	**-0.001021**	**-77**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
Tin (mg/L)	**MW-56**	**-0.001899**	**-16**	**-15**	**Yes**	**7**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Tin (mg/L)	MW-58	-0.008477	-5	-8	No	4	100	n/a	n/a	0.05	NP
Tin (mg/L)	MW-57R	-0.0003959	-11	-17	No	8	100	n/a	n/a	0.05	NP
Toluene (ug/L)	**GU-3A**	**-0.04524**	**-50**	**-45**	**Yes**	**16**	**75**	**n/a**	**n/a**	**0.05**	**NP**
Toluene (ug/L)	**MW-14R**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Toluene (ug/L)	**MW-18**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Toluene (ug/L)	**MW-19**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Toluene (ug/L)	MW-23 (bg)	-0.09822	-16	-17	No	8	100	n/a	n/a	0.05	NP
Toluene (ug/L)	**MW-24R (bg)**	**-0.03698**	**-24**	**-23**	**Yes**	**10**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Toluene (ug/L)	**MW-28**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Toluene (ug/L)	MW-29	0	-14	-45	No	16	68.75	n/a	n/a	0.05	NP
Toluene (ug/L)	**MW-30R**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Toluene (ug/L)	MW-31R	0	-39	-45	No	16	100	n/a	n/a	0.05	NP
Toluene (ug/L)	MW-32R	0	-39	-45	No	16	100	n/a	n/a	0.05	NP
Toluene (ug/L)	**MW-33R**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Toluene (ug/L)	**MW-39**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Toluene (ug/L)	**MW-55**	**0**	**-55**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
Toluene (ug/L)	**MW-56**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Toluene (ug/L)	**MW-58**	**0**	**-48**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Toluene (ug/L)	MW-68	-0.1249	-8	-12	No	6	100	n/a	n/a	0.05	NP
Toluene (ug/L)	MW-69	-0.1247	-8	-12	No	6	100	n/a	n/a	0.05	NP
Toluene (ug/L)	MW-70	-0.125	-8	-12	No	6	100	n/a	n/a	0.05	NP
Toluene (ug/L)	PZ-13	-0.125	-8	-12	No	6	100	n/a	n/a	0.05	NP
Toluene (ug/L)	**MW-57R**	**-0.1006**	**-28**	**-27**	**Yes**	**11**	**100**	**n/a**	**n/a**	**0.05**	**NP**

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 1:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Toluene (ug/L)	**MW-73**	**-0.1006**	**-28**	**-27**	**Yes**	**11**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Total Organic Carbon (mg/L)	MW-14R	0.06067	19	27	No	11	0	n/a	n/a	0.05	NP
Total Organic Carbon (mg/L)	MW-24R (bg)	0.03422	6	20	No	9	0	n/a	n/a	0.05	NP
Total Organic Carbon (mg/L)	MW-29	0.04758	2	30	No	12	0	n/a	n/a	0.05	NP
Total Organic Carbon (mg/L)	MW-30R	0.04687	10	27	No	11	0	n/a	n/a	0.05	NP
Total Organic Carbon (mg/L)	MW-31R	-0.01024	-10	-27	No	11	0	n/a	n/a	0.05	NP
Total Organic Carbon (mg/L)	MW-32R	-0.06781	-14	-30	No	12	0	n/a	n/a	0.05	NP
Total Organic Carbon (mg/L)	**MW-33R**	**0.07897**	**32**	**30**	**Yes**	**12**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Total Organic Carbon (mg/L)	MW-70	0.1396	31	37	No	14	7.143	n/a	n/a	0.05	NP
Total Organic Carbon (mg/L)	MW-57R	-0.425	-19	-23	No	10	0	n/a	n/a	0.05	NP
Total Organic Carbon (mg/L)	MW-73	0.1567	11	27	No	11	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	GU-3A	-6.994	-24	-30	No	12	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-14R	0.03445	9	37	No	14	28.57	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-18	-0.1163	-26	-41	No	15	20	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	**MW-19**	**-0.1422**	**-44**	**-34**	**Yes**	**13**	**15.38**	**n/a**	**n/a**	**0.05**	**NP**
Total Suspended Solids (mg/L)	MW-23 (bg)	-0.07219	-7	-30	No	12	41.67	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	**MW-24R (bg)**	**-0.3233**	**-32**	**-30**	**Yes**	**12**	**16.67**	**n/a**	**n/a**	**0.05**	**NP**
Total Suspended Solids (mg/L)	MW-28	0.1514	23	37	No	14	7.143	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-29	-1.733	-31	-41	No	15	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	**MW-30R**	**-5.507**	**-42**	**-41**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Total Suspended Solids (mg/L)	MW-31R	-1.278	-26	-34	No	13	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-32R	0.1761	1	37	No	14	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-33R	-3.156	-13	-37	No	14	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	**MW-39**	**-0.403**	**-42**	**-37**	**Yes**	**14**	**28.57**	**n/a**	**n/a**	**0.05**	**NP**
Total Suspended Solids (mg/L)	MW-55	-0.2931	-29	-37	No	14	14.29	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-56	-1.337	-11	-27	No	11	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-58	-0.916	-8	-30	No	12	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-60	-0.05372	-3	-23	No	10	10	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-62	-0.1686	-4	-20	No	9	11.11	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-68	0.682	17	27	No	11	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-69	1.094	27	27	No	11	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-70	-0.4867	-26	-37	No	14	14.29	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	**PZ-13**	**-0.182**	**-50**	**-37**	**Yes**	**14**	**64.29**	**n/a**	**n/a**	**0.05**	**NP**
Total Suspended Solids (mg/L)	SW-101	1.133	11	15	No	7	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	SW-102	2.952	5	15	No	7	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	**SW-103**	**-7.262**	**-19**	**-17**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Total Suspended Solids (mg/L)	SW-106	-7.923	-12	-20	No	9	11.11	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	SW-107	-0.06842	0	17	No	8	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-57R	5.984	12	27	No	11	0	n/a	n/a	0.05	NP
Total Suspended Solids (mg/L)	MW-73	-15.42	-23	-27	No	11	0	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	GU-3A	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-14R	0	-45	-45	No	16	93.75	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-18	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-19	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-23 (bg)	-0.1134	-13	-17	No	8	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-24R (bg)	-0.03828	-21	-23	No	10	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-28	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	**MW-29**	**-0.0308**	**-54**	**-45**	**Yes**	**16**	**6.25**	**n/a**	**n/a**	**0.05**	**NP**
trans-1,2-Dichloroethene (ug/L)	**MW-30R**	**-0.06065**	**-60**	**-45**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.05**	**NP**
trans-1,2-Dichloroethene (ug/L)	MW-31R	0	-37	-45	No	16	100	n/a	n/a	0.05	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 1:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
trans-1,2-Dichloroethene (ug/L)	MW-32R	0	-37	-45	No	16	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-33R	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-39	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-55	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-56	-0.01856	-25	-45	No	16	37.5	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-58	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	**MW-68**	**-0.03478**	**-41**	**-30**	**Yes**	**12**	**41.67**	**n/a**	**n/a**	**0.05**	**NP**
trans-1,2-Dichloroethene (ug/L)	MW-69	-0.005543	-10	-34	No	13	53.85	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-70	-0.07411	-21	-23	No	10	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	PZ-13	0	-33	-34	No	13	100	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-57R	0.09056	8	27	No	11	27.27	n/a	n/a	0.05	NP
trans-1,2-Dichloroethene (ug/L)	MW-73	-0.04083	-19	-27	No	11	81.82	n/a	n/a	0.05	NP
Trichloroethene (ug/L)	**GU-3A**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	MW-14R	0.1925	26	45	No	16	0	n/a	n/a	0.05	NP
Trichloroethene (ug/L)	**MW-18**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	**MW-19**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	**MW-23 (bg)**	**-0.1006**	**-19**	**-17**	**Yes**	**8**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	**MW-24R (bg)**	**-0.04036**	**-27**	**-23**	**Yes**	**10**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	**MW-28**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	**MW-29**	**-0.3726**	**-91**	**-45**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	MW-30R	-0.08117	-39	-45	No	16	0	n/a	n/a	0.05	NP
Trichloroethene (ug/L)	MW-31R	0	-41	-45	No	16	100	n/a	n/a	0.05	NP
Trichloroethene (ug/L)	MW-32R	0	-41	-45	No	16	100	n/a	n/a	0.05	NP
Trichloroethene (ug/L)	**MW-33R**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	**MW-39**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	**MW-55**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	**MW-56**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	**MW-58**	**0**	**-51**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	MW-68	-0.0199	-28	-34	No	13	53.85	n/a	n/a	0.05	NP
Trichloroethene (ug/L)	**MW-69**	**-0.08324**	**-52**	**-37**	**Yes**	**14**	**57.14**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	**MW-70**	**-0.06796**	**-31**	**-27**	**Yes**	**11**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Trichloroethene (ug/L)	PZ-13	-0.00375	-19	-37	No	14	71.43	n/a	n/a	0.05	NP
Trichloroethene (ug/L)	MW-57R	0	-2	-27	No	11	54.55	n/a	n/a	0.05	NP
Trichloroethene (ug/L)	**MW-73**	**-0.1147**	**-34**	**-27**	**Yes**	**11**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Vanadium (mg/L)	**GU-3A**	**-0.001278**	**-62**	**-45**	**Yes**	**16**	**62.5**	**n/a**	**n/a**	**0.05**	**NP**
Vanadium (mg/L)	**MW-14R**	**-0.001167**	**-70**	**-45**	**Yes**	**16**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
Vanadium (mg/L)	**MW-18**	**-0.0007462**	**-76**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Vanadium (mg/L)	**MW-19**	**-0.0007847**	**-63**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
Vanadium (mg/L)	**MW-23 (bg)**	**-0.003504**	**-59**	**-45**	**Yes**	**16**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
Vanadium (mg/L)	MW-24R (bg)	-0.001089	-37	-41	No	15	66.67	n/a	n/a	0.05	NP
Vanadium (mg/L)	**MW-28**	**-0.0007464**	**-76**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Vanadium (mg/L)	**MW-29**	**-0.003414**	**-69**	**-45**	**Yes**	**16**	**93.75**	**n/a**	**n/a**	**0.05**	**NP**
Vanadium (mg/L)	**MW-30R**	**-0.0007507**	**-81**	**-45**	**Yes**	**16**	**25**	**n/a**	**n/a**	**0.05**	**NP**
Vanadium (mg/L)	**MW-31R**	**-0.003317**	**-56**	**-45**	**Yes**	**16**	**68.75**	**n/a**	**n/a**	**0.05**	**NP**
Vanadium (mg/L)	**MW-32R**	**-0.0009121**	**-56**	**-45**	**Yes**	**16**	**37.5**	**n/a**	**n/a**	**0.05**	**NP**
Vanadium (mg/L)	MW-33R	-0.0001729	-38	-45	No	16	18.75	n/a	n/a	0.05	NP
Vanadium (mg/L)	**MW-39**	**-0.001232**	**-62**	**-45**	**Yes**	**16**	**87.5**	**n/a**	**n/a**	**0.05**	**NP**
Vanadium (mg/L)	**MW-55**	**-0.0005706**	**-71**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Vanadium (mg/L)	**MW-56**	**-0.0008062**	**-60**	**-45**	**Yes**	**16**	**81.25**	**n/a**	**n/a**	**0.05**	**NP**
Vanadium (mg/L)	**MW-58**	**-0.001732**	**-76**	**-45**	**Yes**	**16**	**81.25**	**n/a**	**n/a**	**0.05**	**NP**

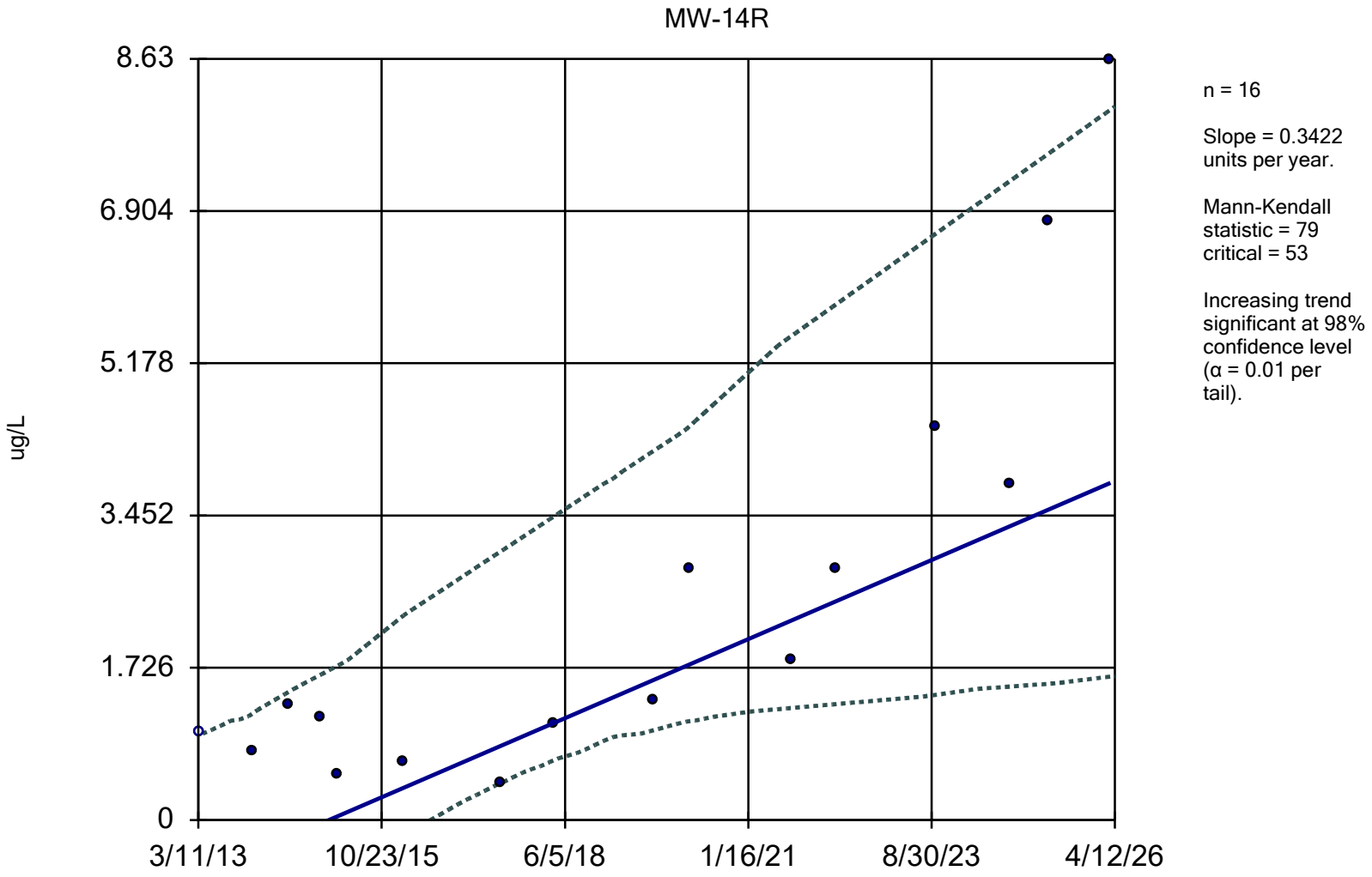
Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 8/19/2026, 1:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Vanadium (mg/L)	MW-57R	0.0002897	19	27	No	11	0	n/a	n/a	0.05	NP
Vanadium (mg/L)	MW-73	-0.000149	-13	-27	No	11	18.18	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	**GU-3A**	**0**	**-52**	**-45**	**Yes**	**16**	**100**	**n/a**	**n/a**	**0.05**	**NP**
Vinyl Chloride (ug/L)	MW-14R	0.08791	43	45	No	16	50	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-18	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-19	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-23 (bg)	-0.117	-13	-17	No	8	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-24R (bg)	-0.03698	-21	-23	No	10	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-28	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-29	-0.09364	-34	-45	No	16	0	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	**MW-30R**	**-0.2696**	**-58**	**-45**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Vinyl Chloride (ug/L)	MW-31R	0	-37	-45	No	16	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-32R	0	-37	-45	No	16	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-33R	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-39	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-55	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-56	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-58	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	**MW-68**	**-0.03897**	**-42**	**-34**	**Yes**	**13**	**38.46**	**n/a**	**n/a**	**0.05**	**NP**
Vinyl Chloride (ug/L)	**MW-69**	**0.1193**	**48**	**37**	**Yes**	**14**	**14.29**	**n/a**	**n/a**	**0.05**	**NP**
Vinyl Chloride (ug/L)	MW-70	-0.0596	-25	-27	No	11	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	PZ-13	0	-37	-37	No	14	100	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-57R	0.112	17	27	No	11	9.091	n/a	n/a	0.05	NP
Vinyl Chloride (ug/L)	MW-73	-0.05306	-27	-27	No	11	54.55	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	GU-3A	0	-37	-45	No	16	81.25	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-14R	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-18	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-19	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-23 (bg)	-0.3862	-13	-17	No	8	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-24R (bg)	-0.1233	-21	-23	No	10	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-28	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-29	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-30R	0	-45	-45	No	16	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-31R	0	-37	-45	No	16	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-32R	0	-37	-45	No	16	100	n/a	n/a	0.05	NP
Xylenes, total (ug/L)	MW-33R	0	-45	-45	No	16	100	n/a	n/a	0.05	NP

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band



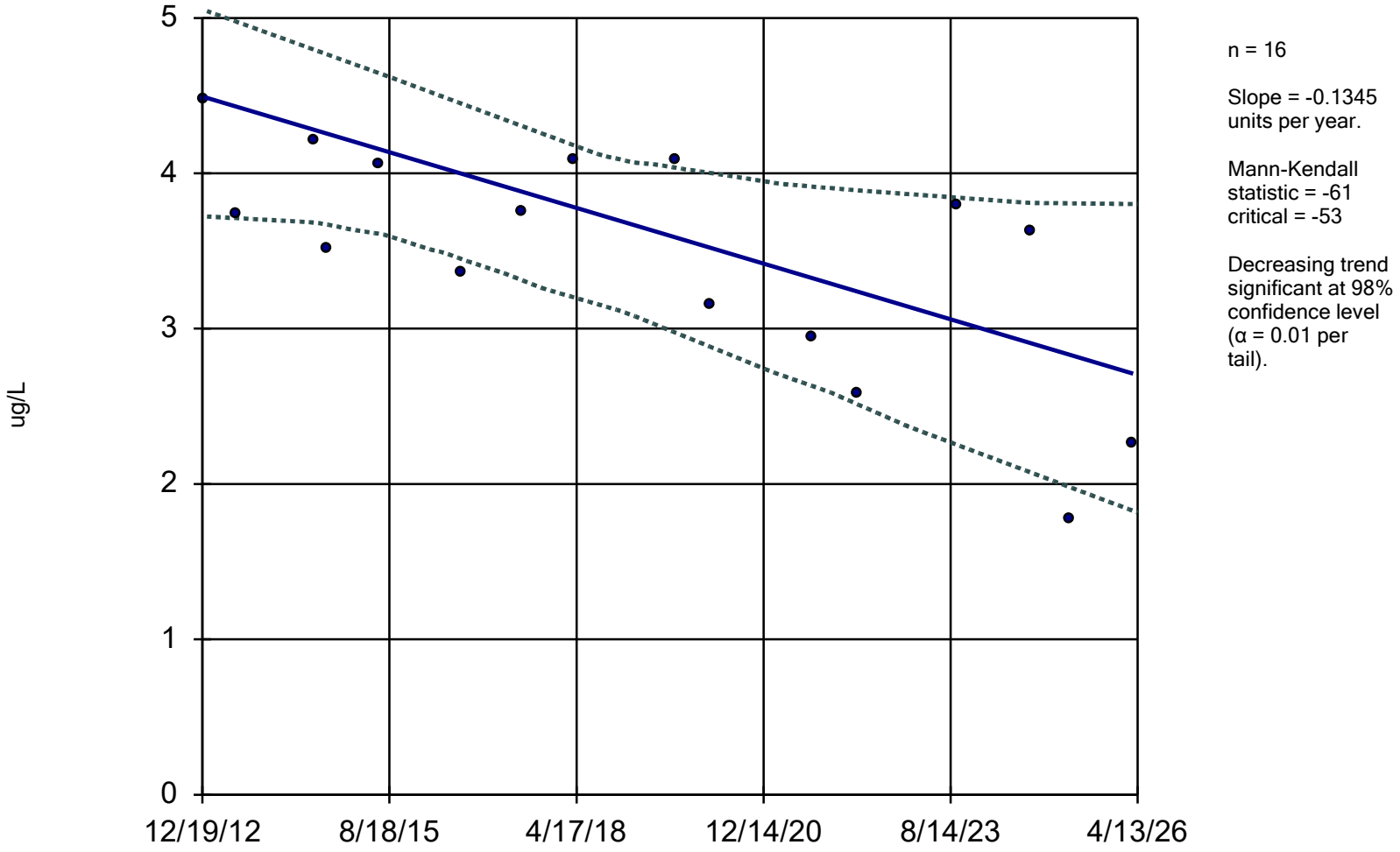
Constituent: 1,1-Dichloroethane Analysis Run 4/29/2026 4:01 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-29



n = 16

Slope = -0.1345 units per year.

Mann-Kendall statistic = -61
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

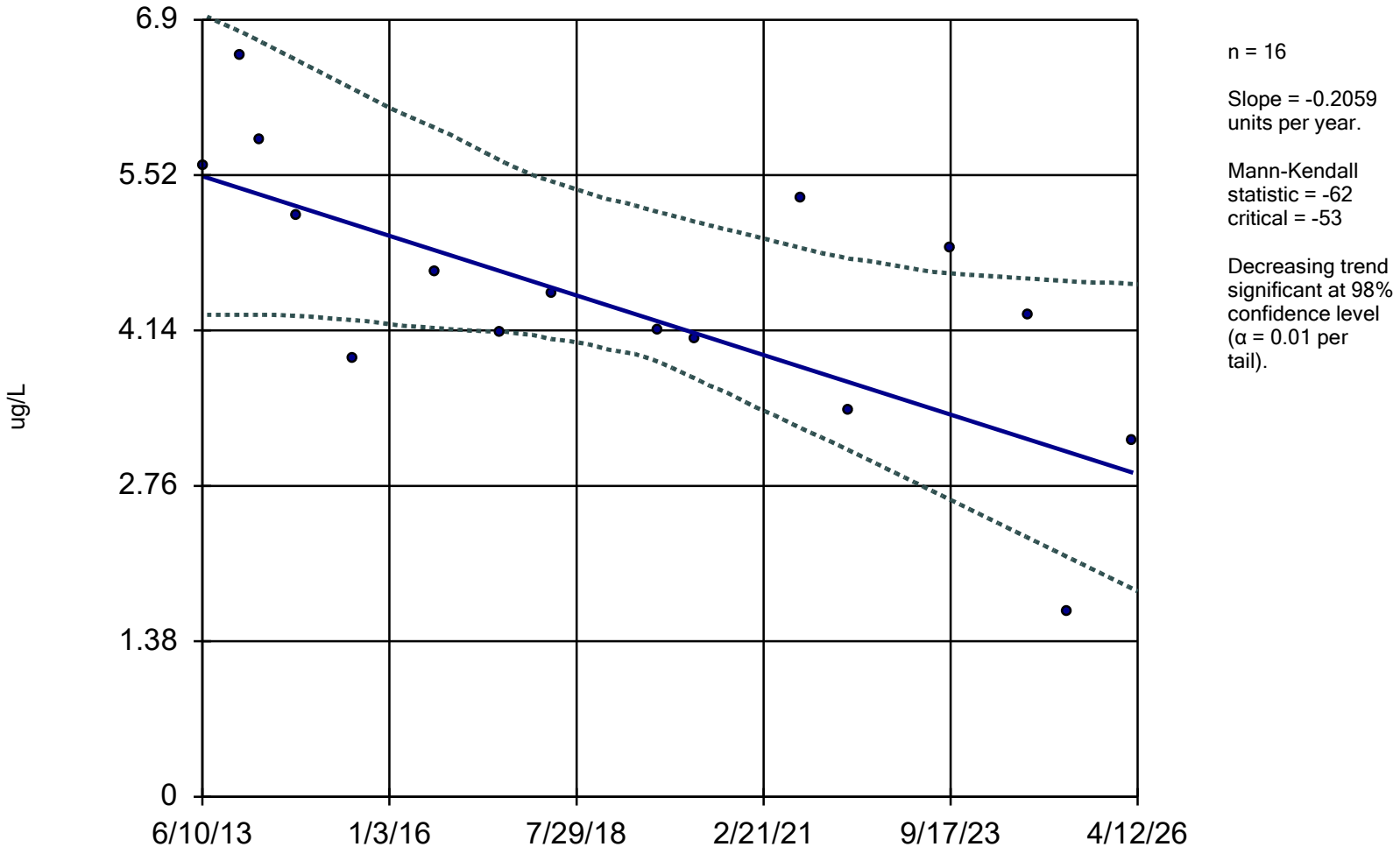
Constituent: 1,1-Dichloroethane Analysis Run 4/29/2026 4:01 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-30R



n = 16

Slope = -0.2059 units per year.

Mann-Kendall statistic = -62
critical = -53

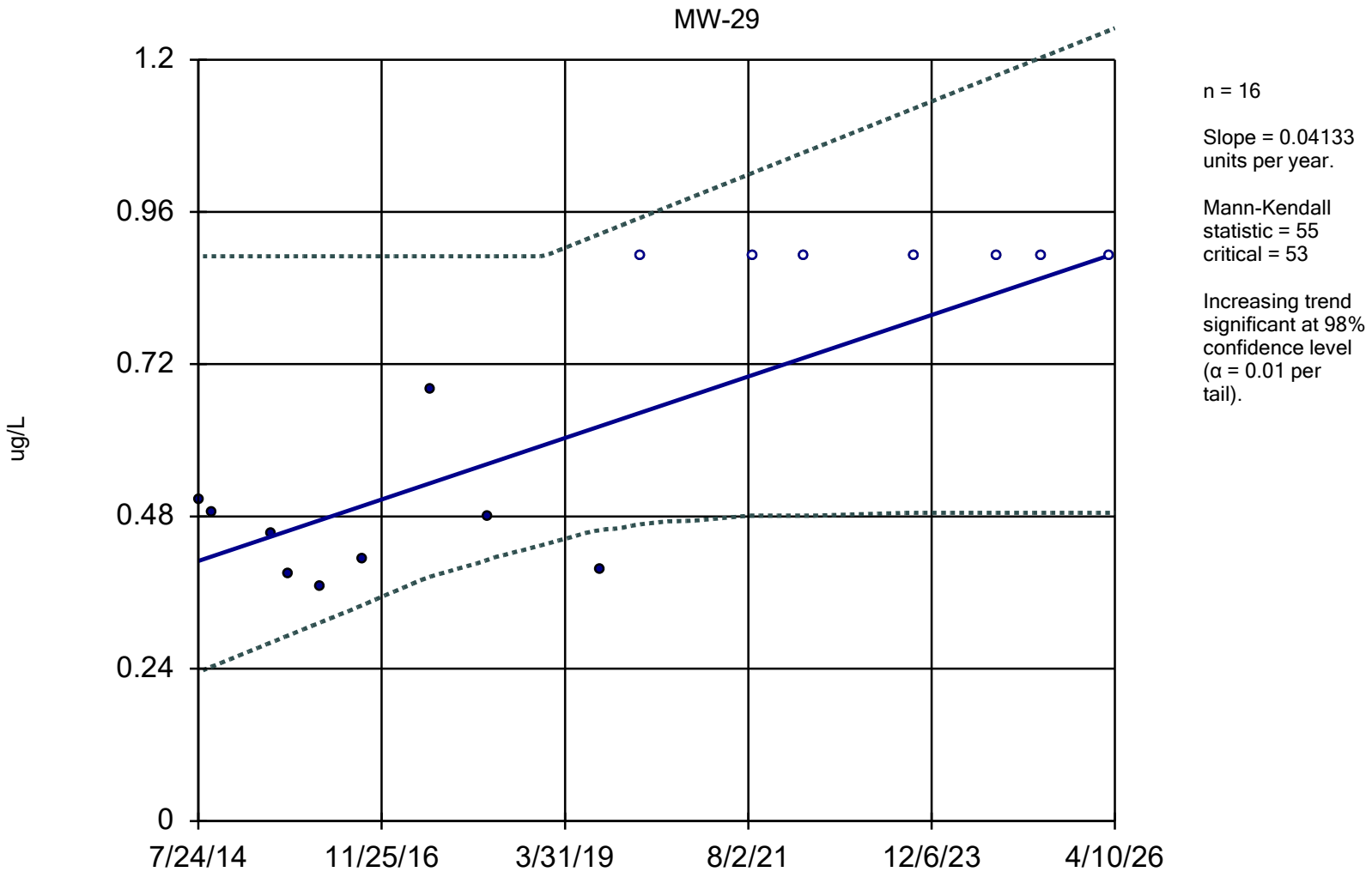
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: 1,1-Dichloroethane Analysis Run 4/29/2026 4:01 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band



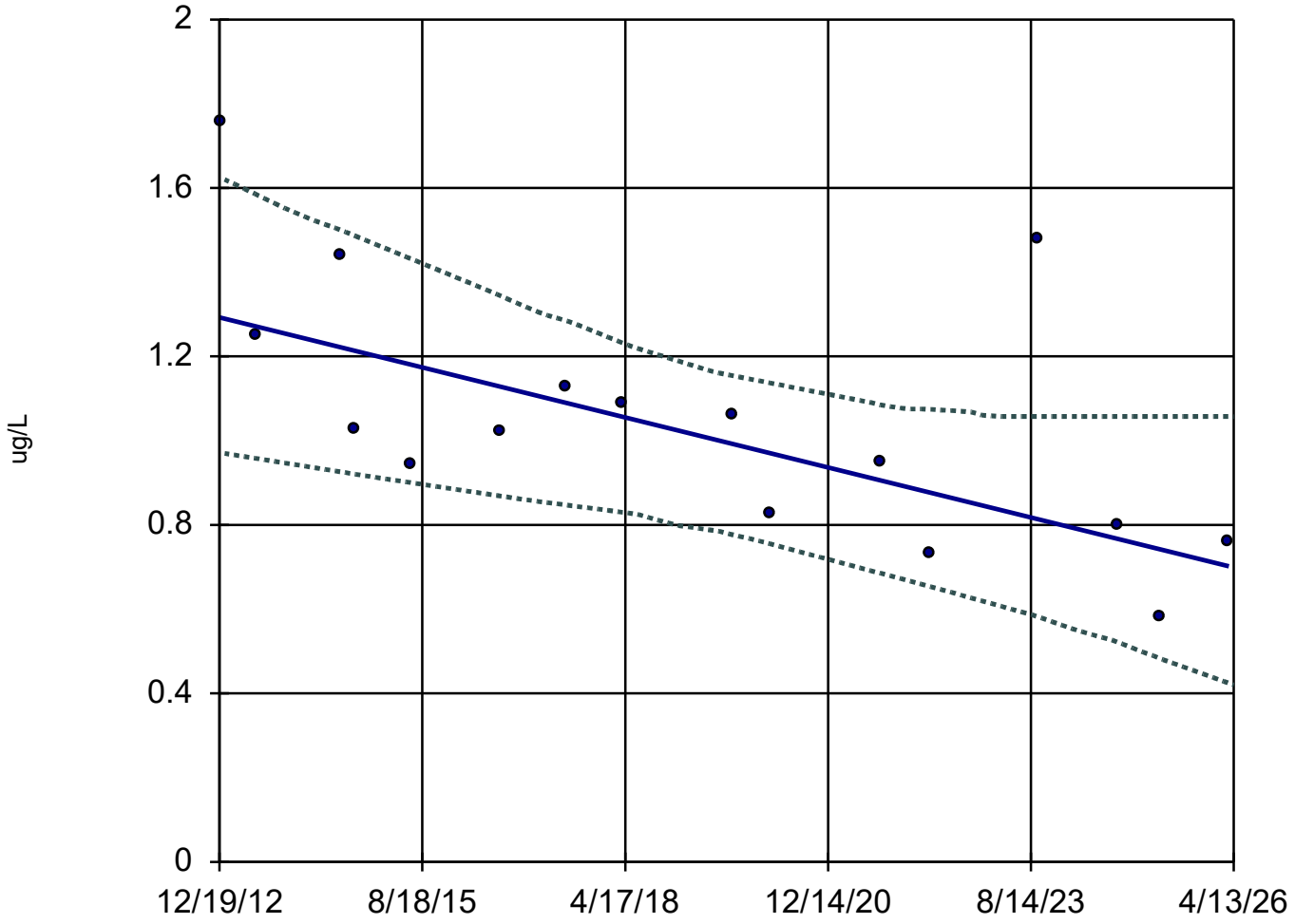
Constituent: 1,2-Dichloroethane Analysis Run 4/29/2026 4:02 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-29



n = 16

Slope = -0.04459 units per year.

Mann-Kendall statistic = -66
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

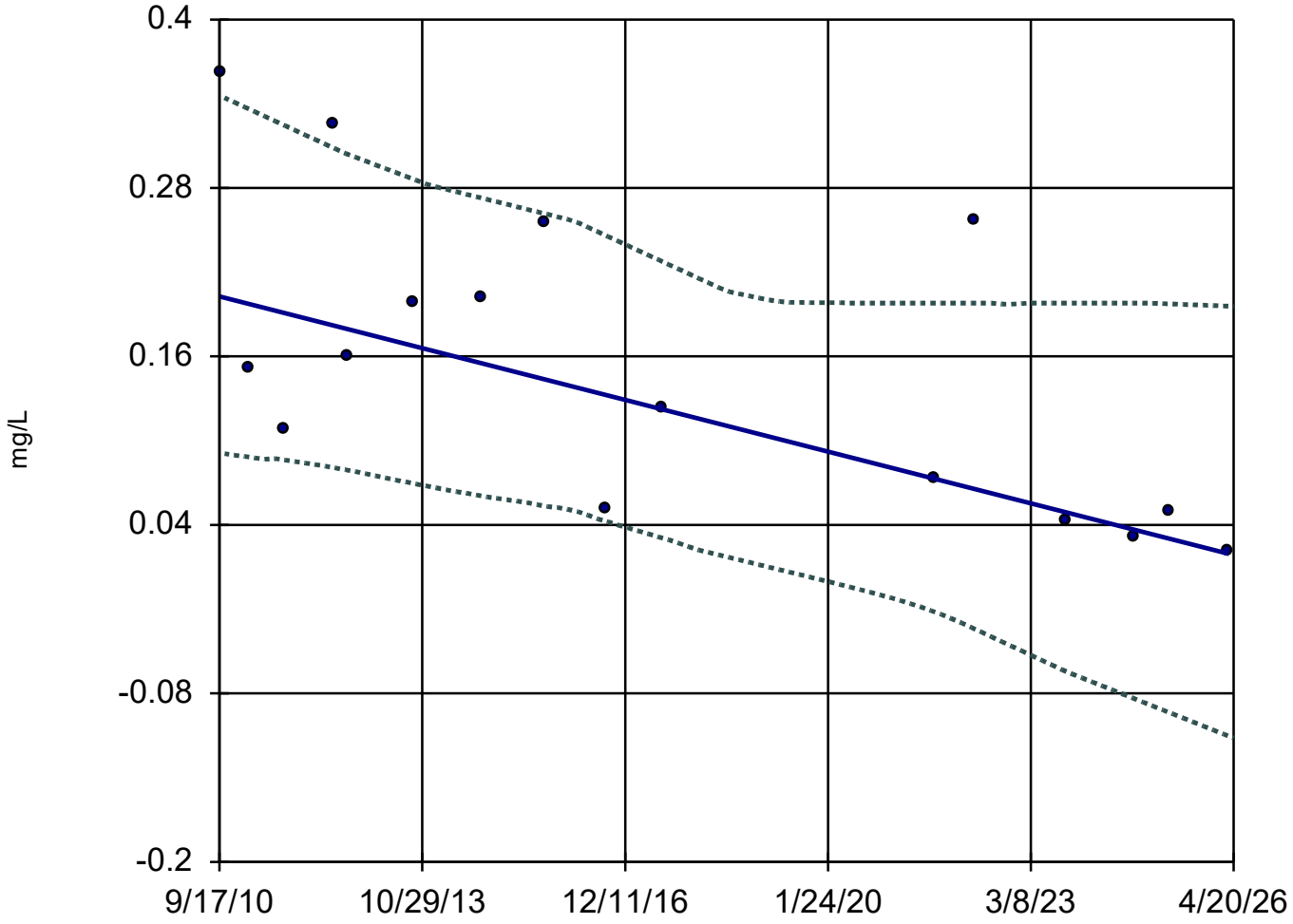
Constituent: 1,2-Dichloropropane Analysis Run 4/29/2026 4:02 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

GU-3A



n = 16

Slope = -0.01181 units per year.

Mann-Kendall statistic = -60
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

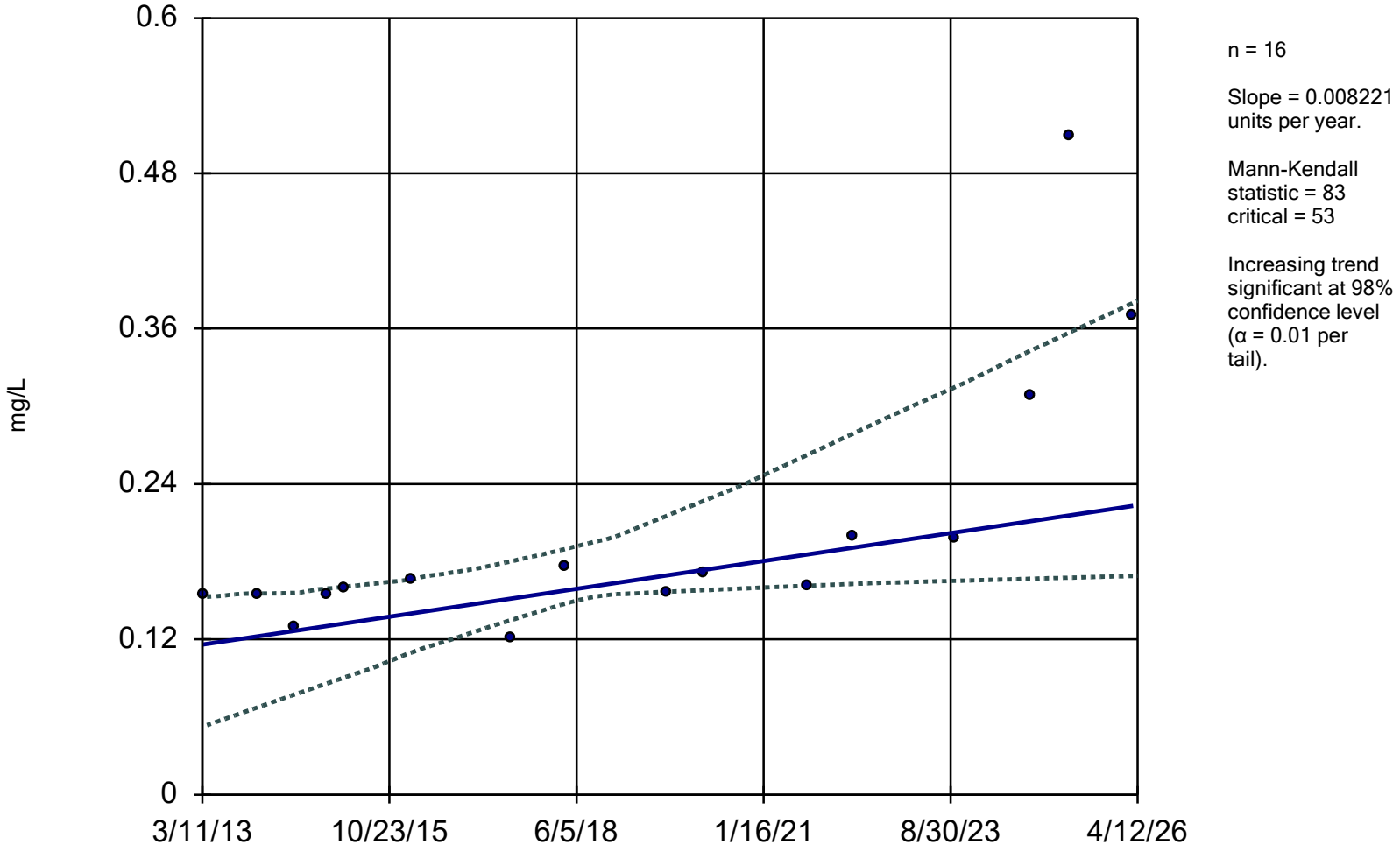
Constituent: Barium Analysis Run 4/29/2026 4:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-14R



n = 16

Slope = 0.008221 units per year.

Mann-Kendall statistic = 83
critical = 53

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

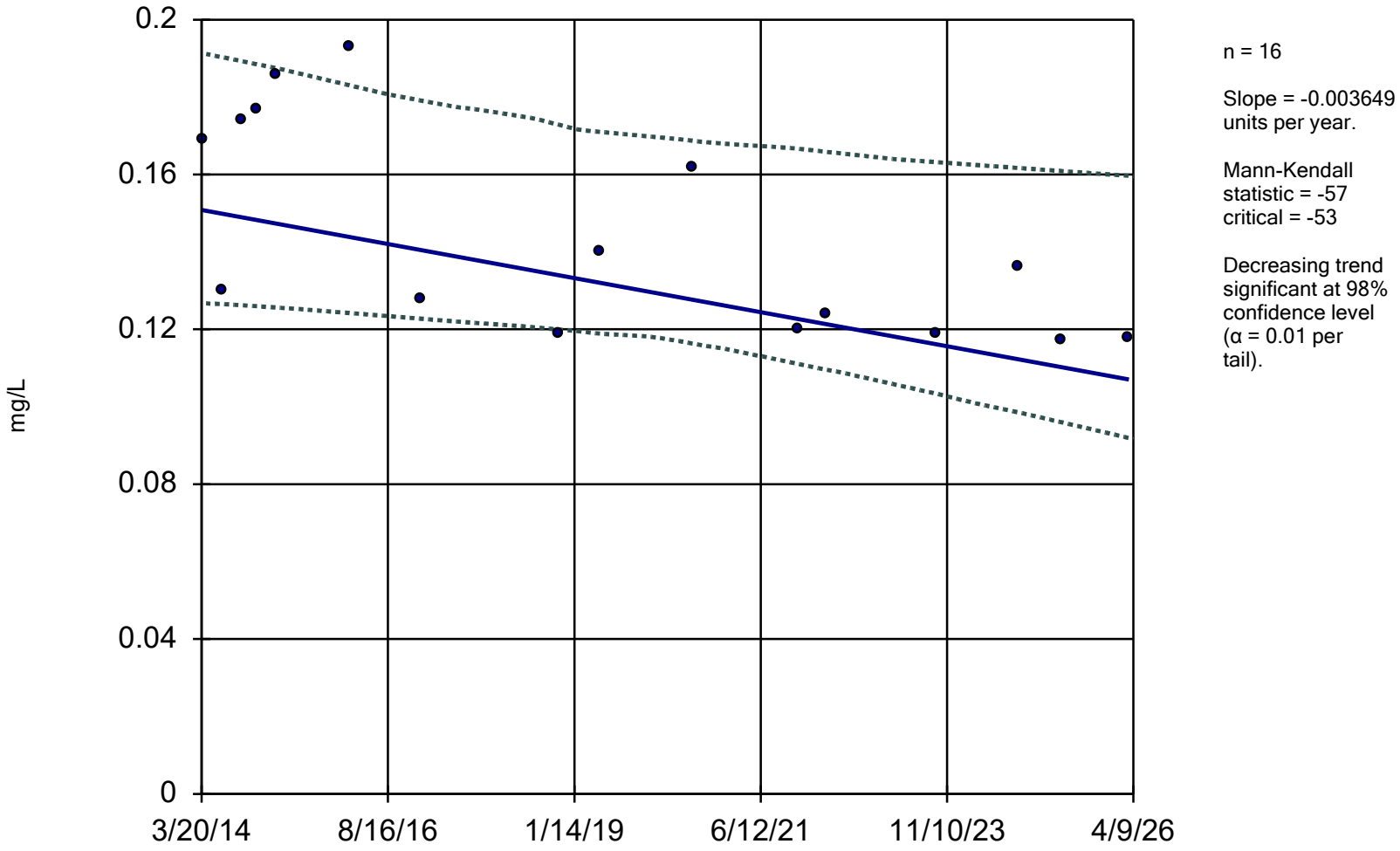
Constituent: Barium Analysis Run 4/29/2026 4:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-18



n = 16

Slope = -0.003649 units per year.

Mann-Kendall statistic = -57
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

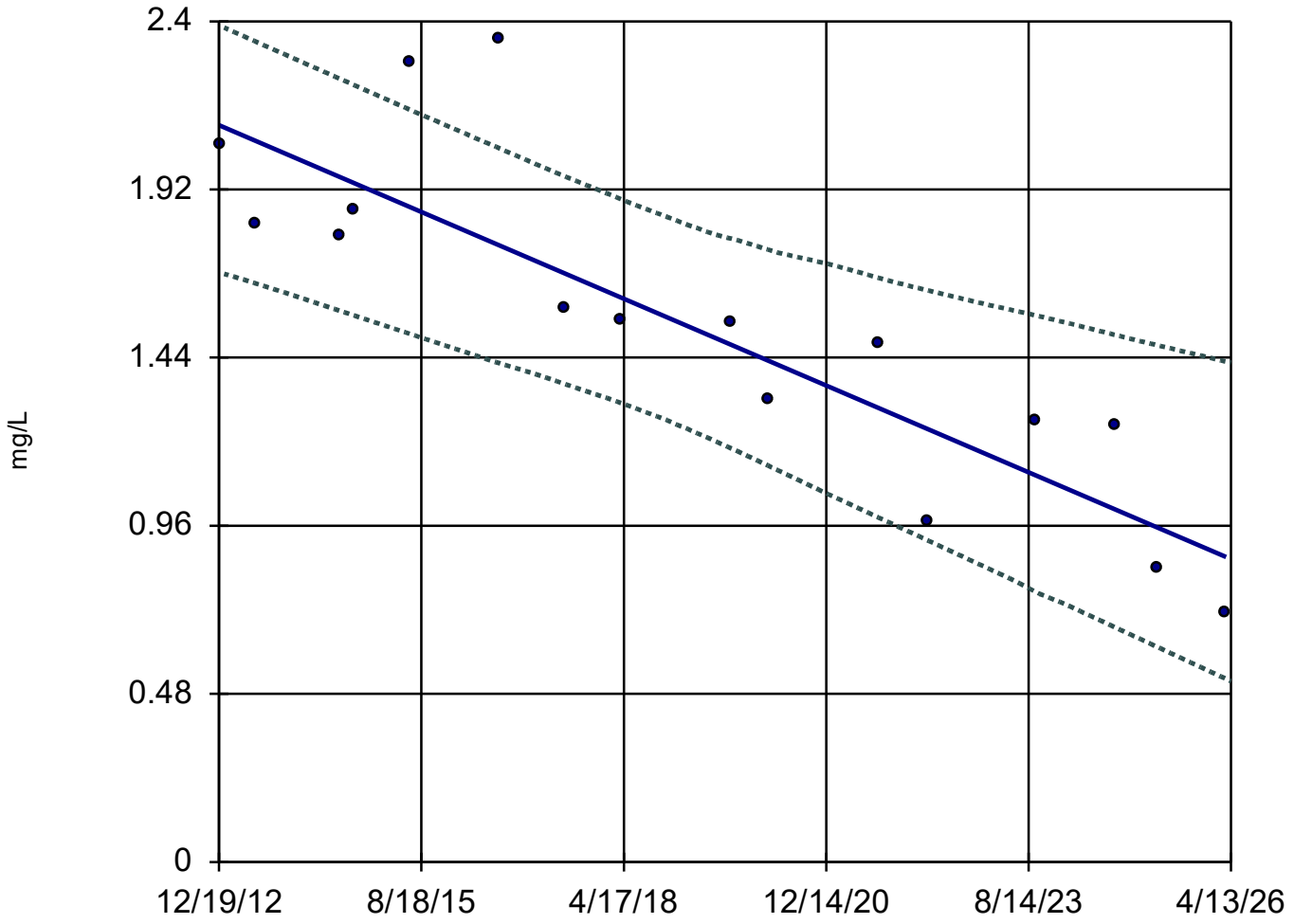
Constituent: Barium Analysis Run 4/29/2026 4:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-29



n = 16

Slope = -0.09299 units per year.

Mann-Kendall statistic = -92
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

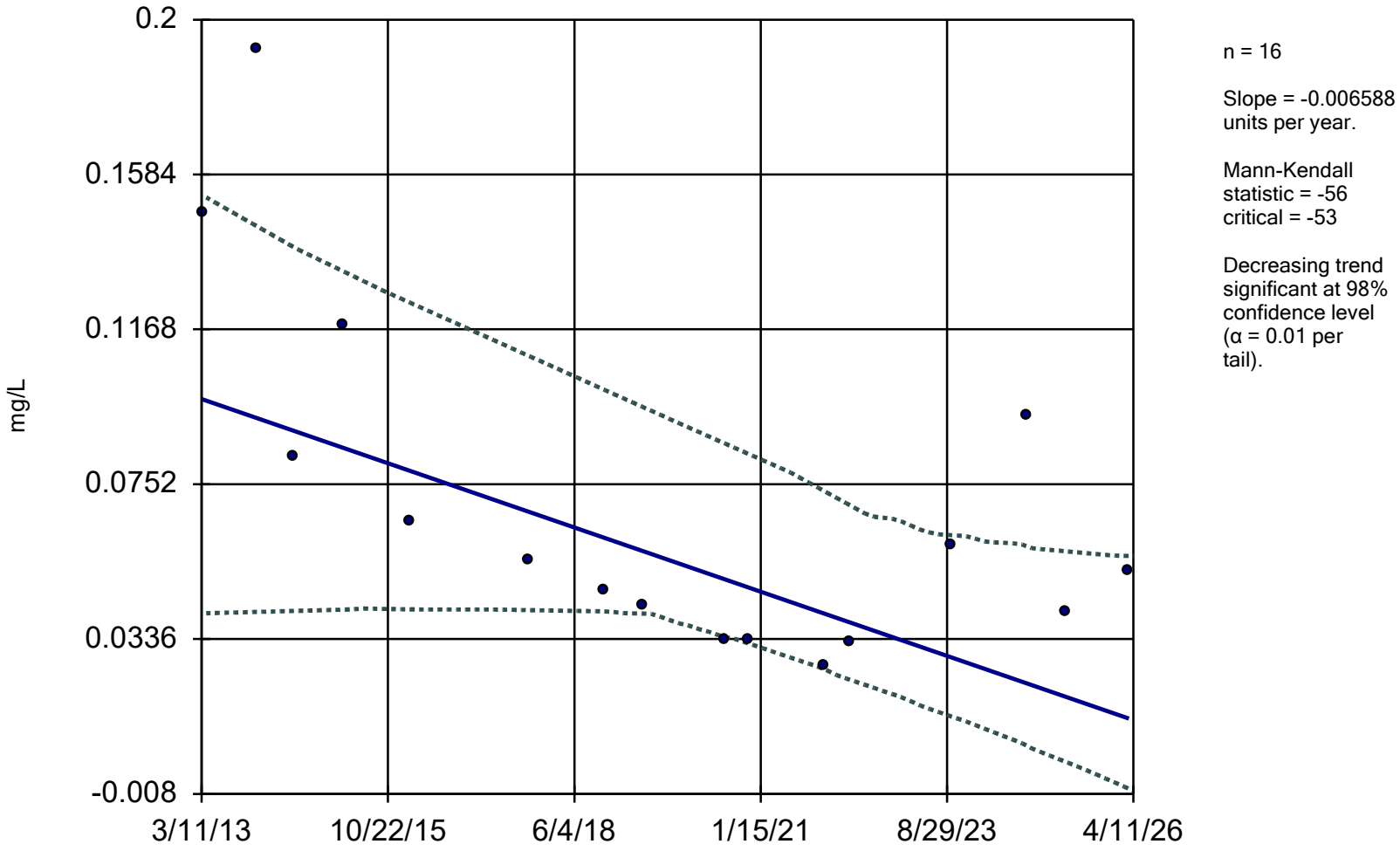
Constituent: Barium Analysis Run 4/29/2026 4:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-55



n = 16

Slope = -0.006588 units per year.

Mann-Kendall statistic = -56
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

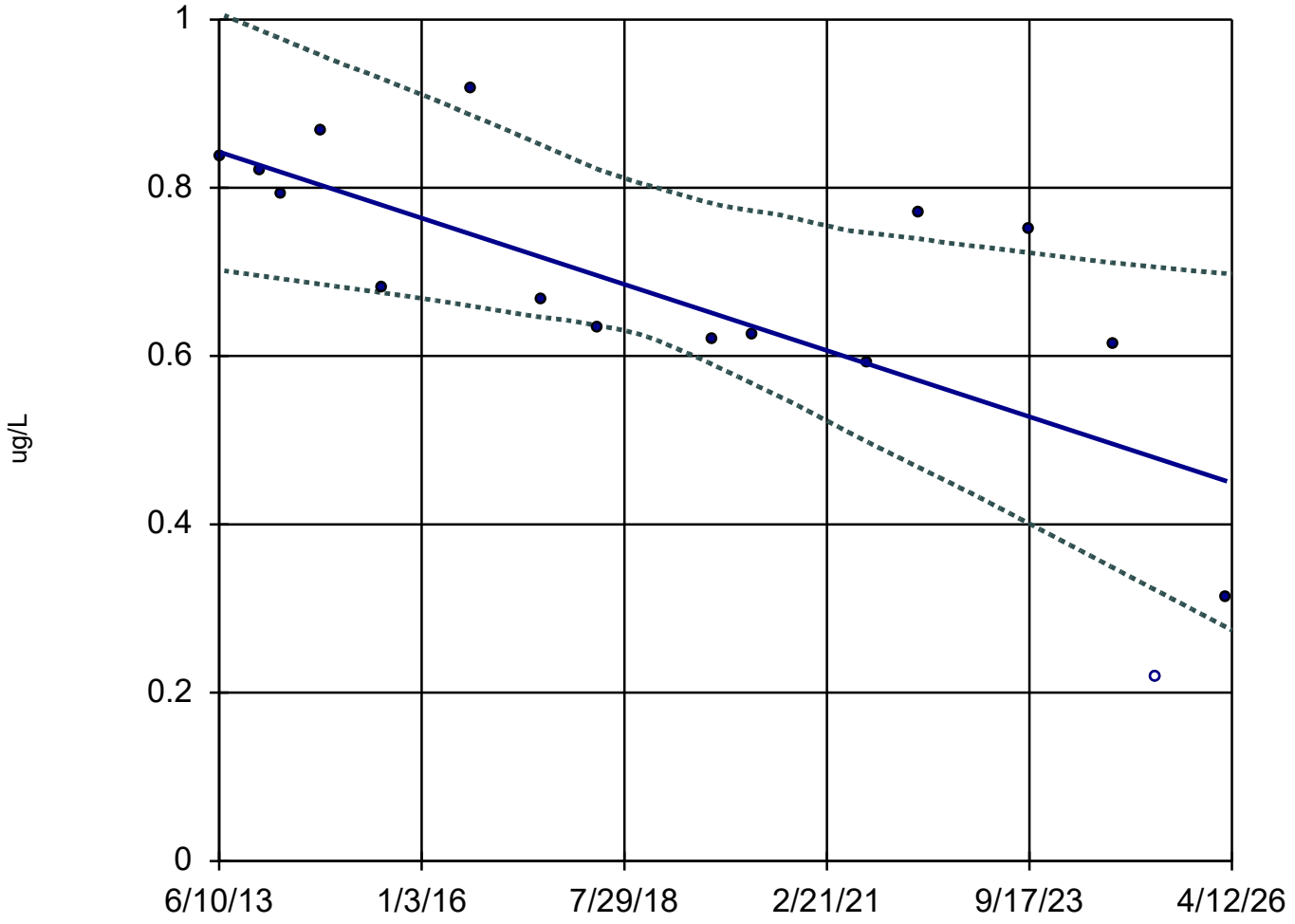
Constituent: Barium Analysis Run 4/29/2026 4:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-30R



n = 16

Slope = -0.03063 units per year.

Mann-Kendall statistic = -74
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

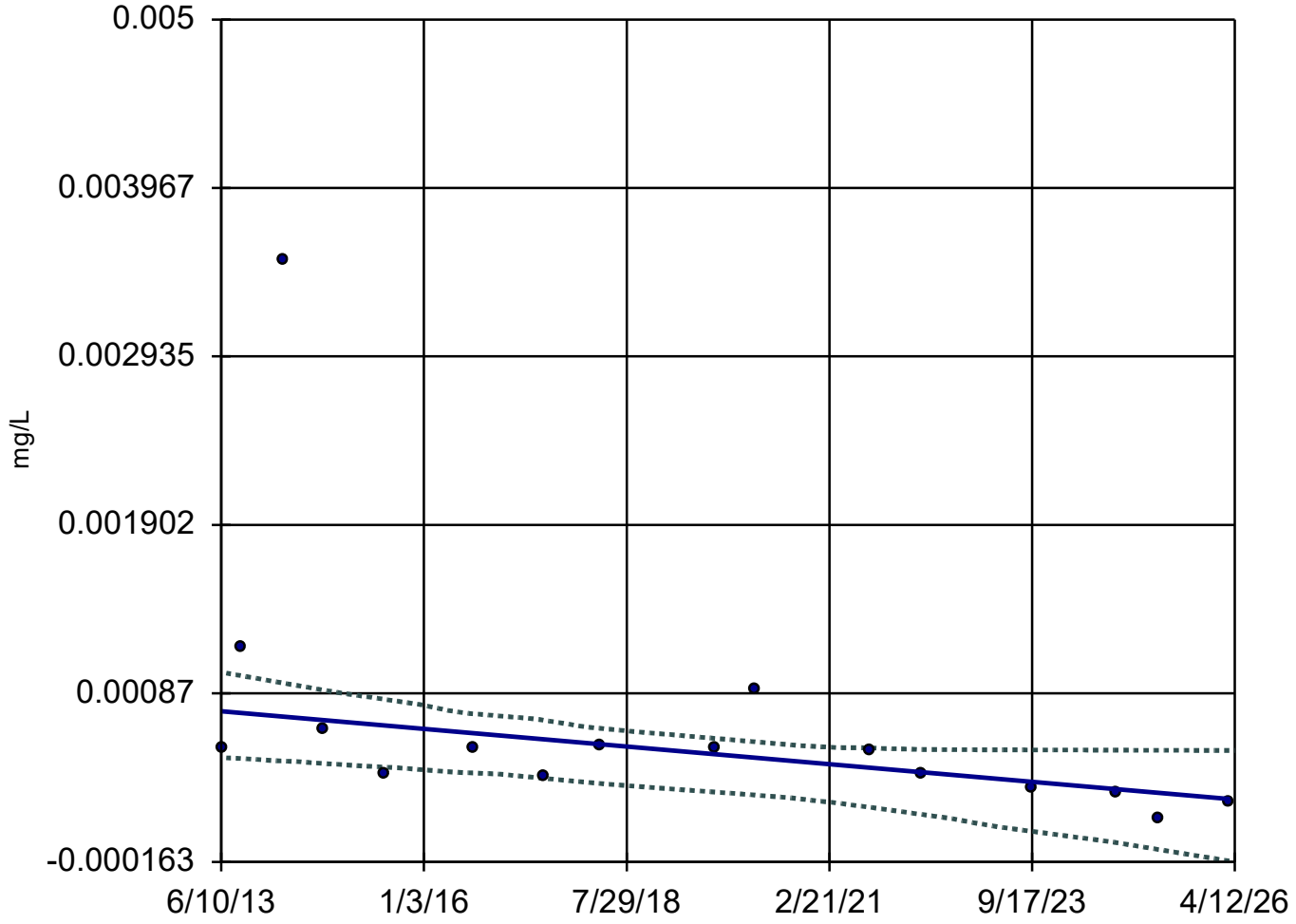
Constituent: Benzene Analysis Run 4/29/2026 4:05 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-33R



n = 16

Slope = -0.00004202 units per year.

Mann-Kendall statistic = -75
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

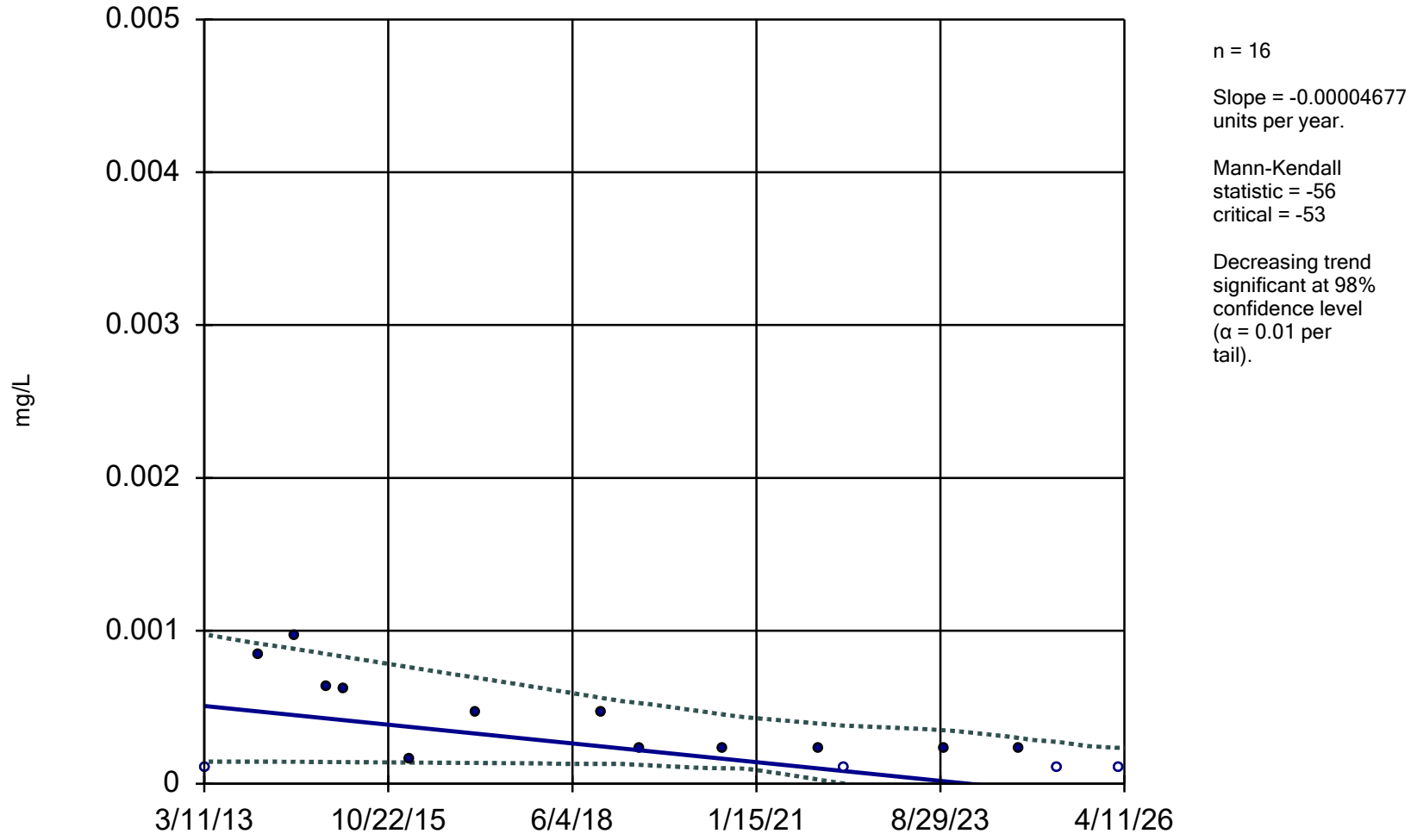
Constituent: Cadmium Analysis Run 4/29/2026 4:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-39



n = 16

Slope = -0.00004677 units per year.

Mann-Kendall statistic = -56
critical = -53

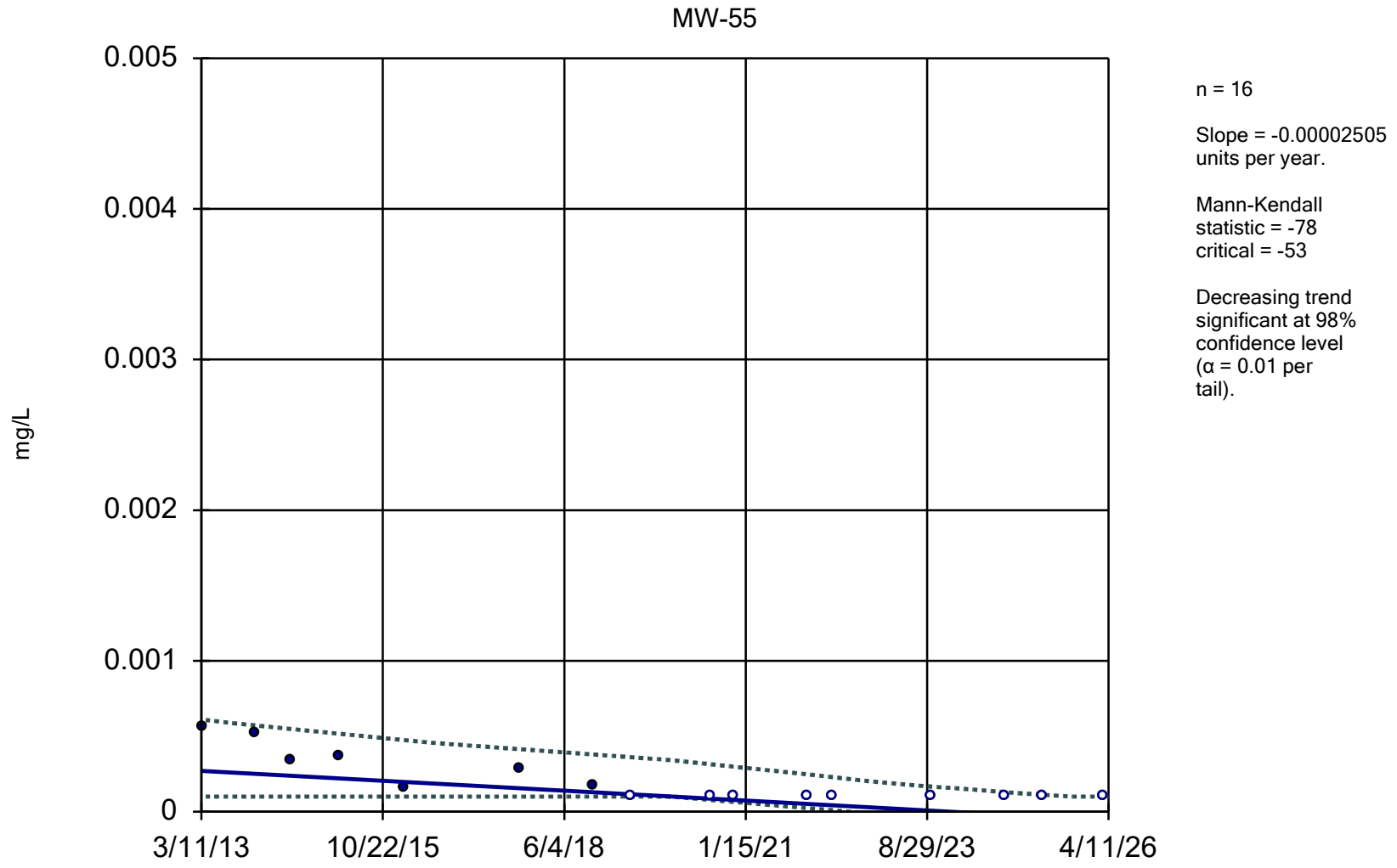
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cadmium Analysis Run 4/29/2026 4:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band



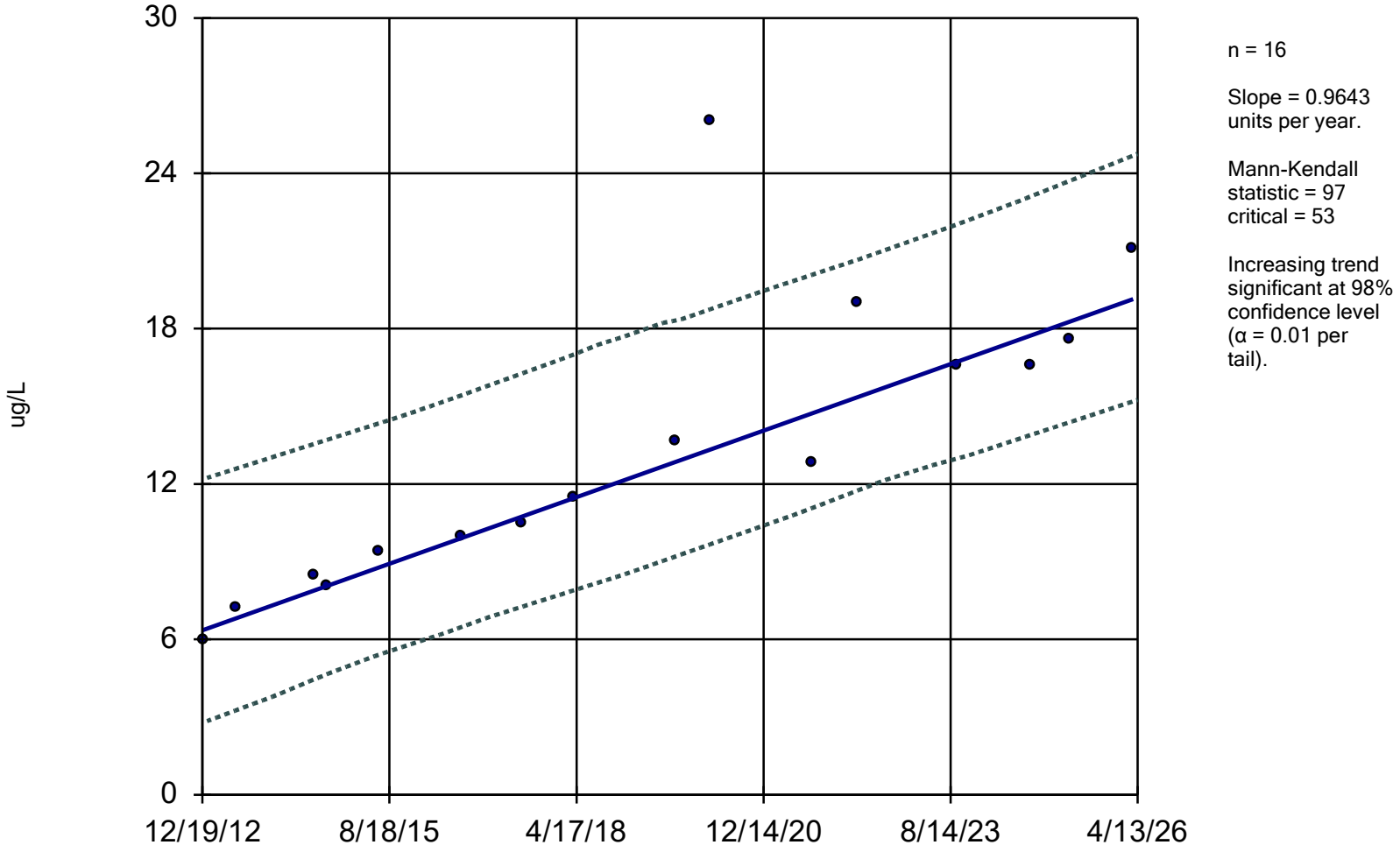
Constituent: Cadmium Analysis Run 4/29/2026 4:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-29



n = 16

Slope = 0.9643 units per year.

Mann-Kendall statistic = 97
critical = 53

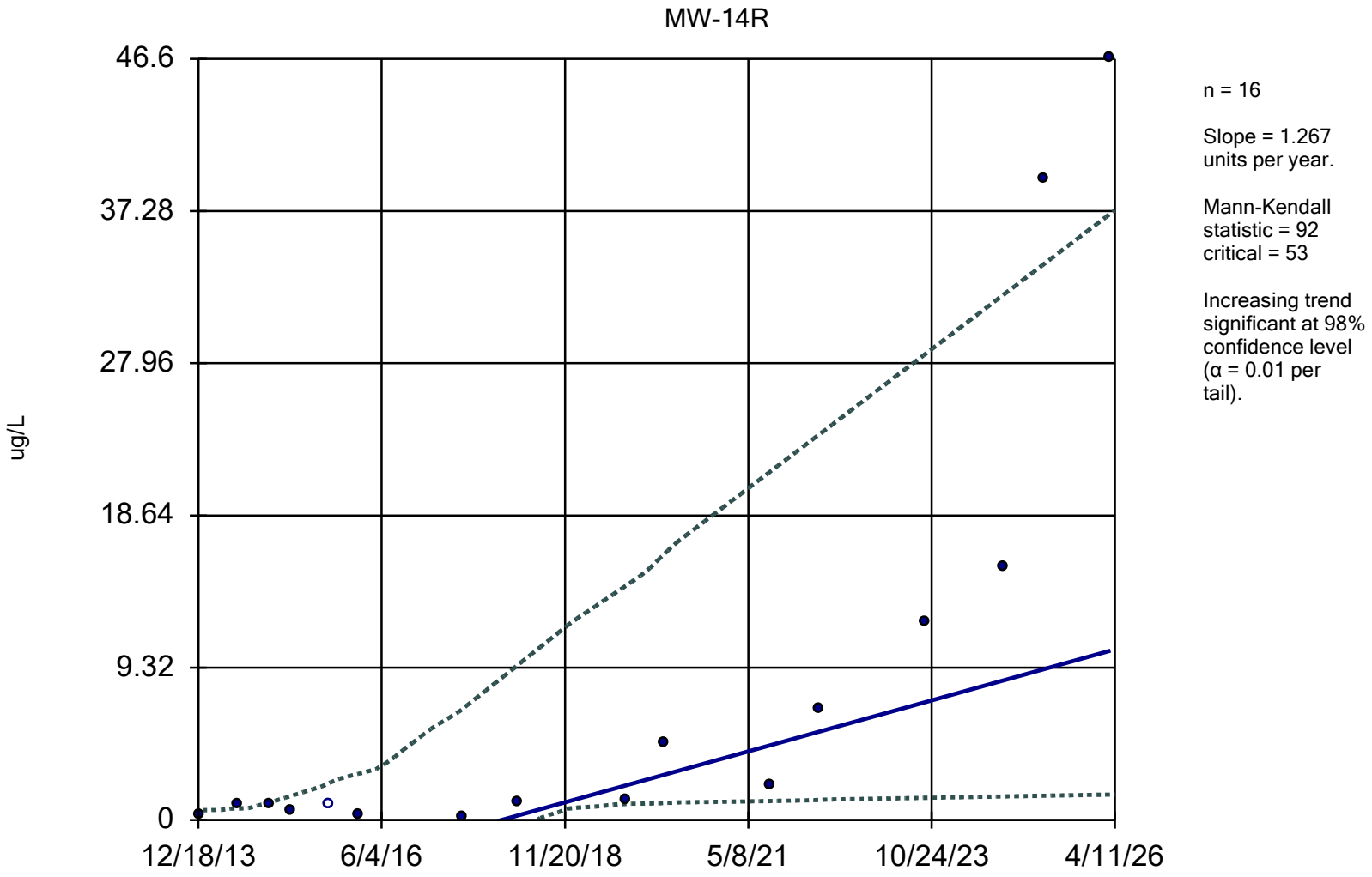
Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Chlorobenzene Analysis Run 4/29/2026 4:06 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band



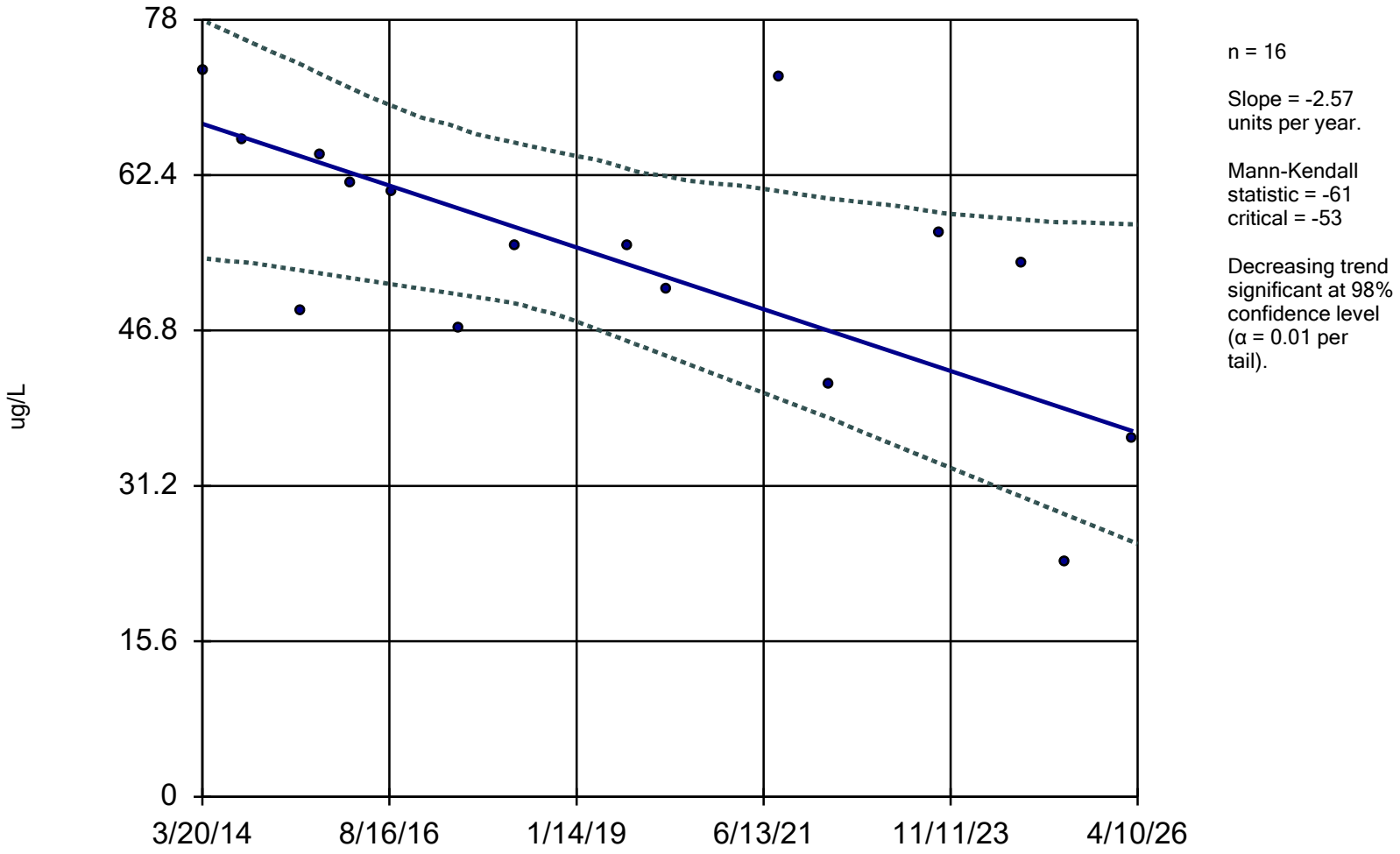
Constituent: cis-1,2-Dichloroethene Analysis Run 4/29/2026 4:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-30R



n = 16

Slope = -2.57 units per year.

Mann-Kendall statistic = -61
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

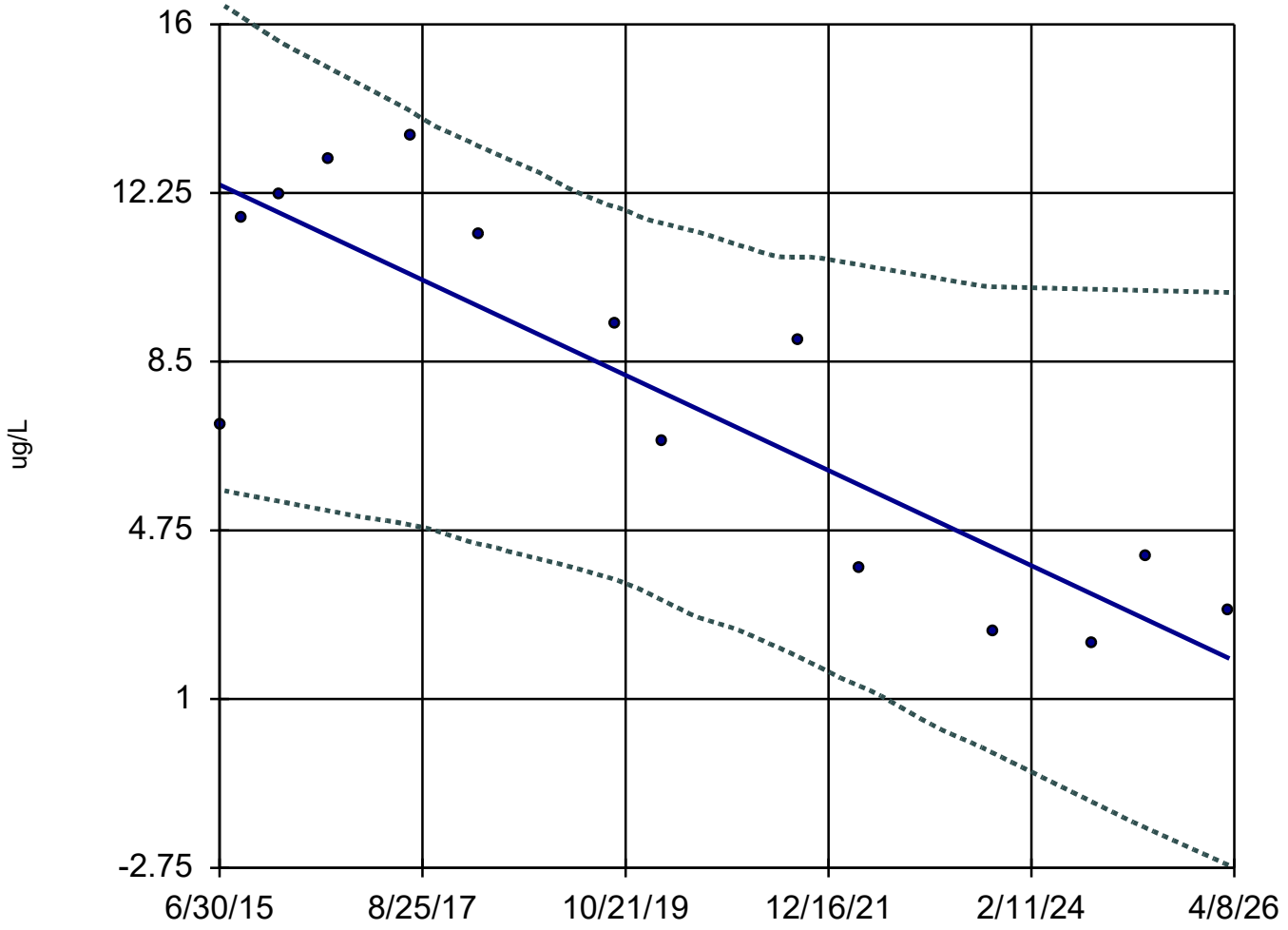
Constituent: cis-1,2-Dichloroethene Analysis Run 4/29/2026 4:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-69



n = 14

Slope = -0.9809 units per year.

Mann-Kendall statistic = -53
critical = -44

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

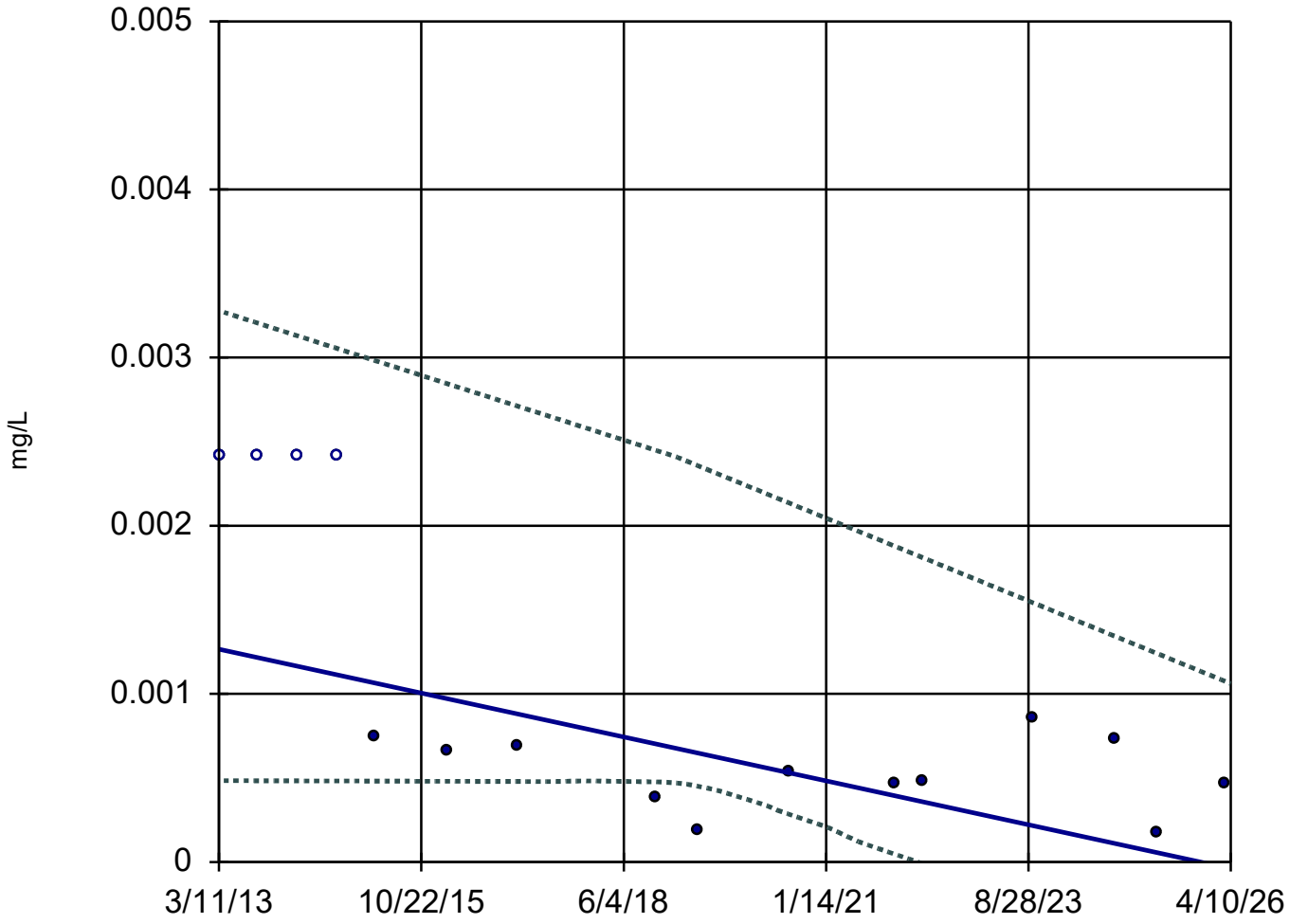
Constituent: cis-1,2-Dichloroethene Analysis Run 4/29/2026 4:07 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-23 (bg)



n = 16

Slope = -0.00009965 units per year.

Mann-Kendall statistic = -60
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

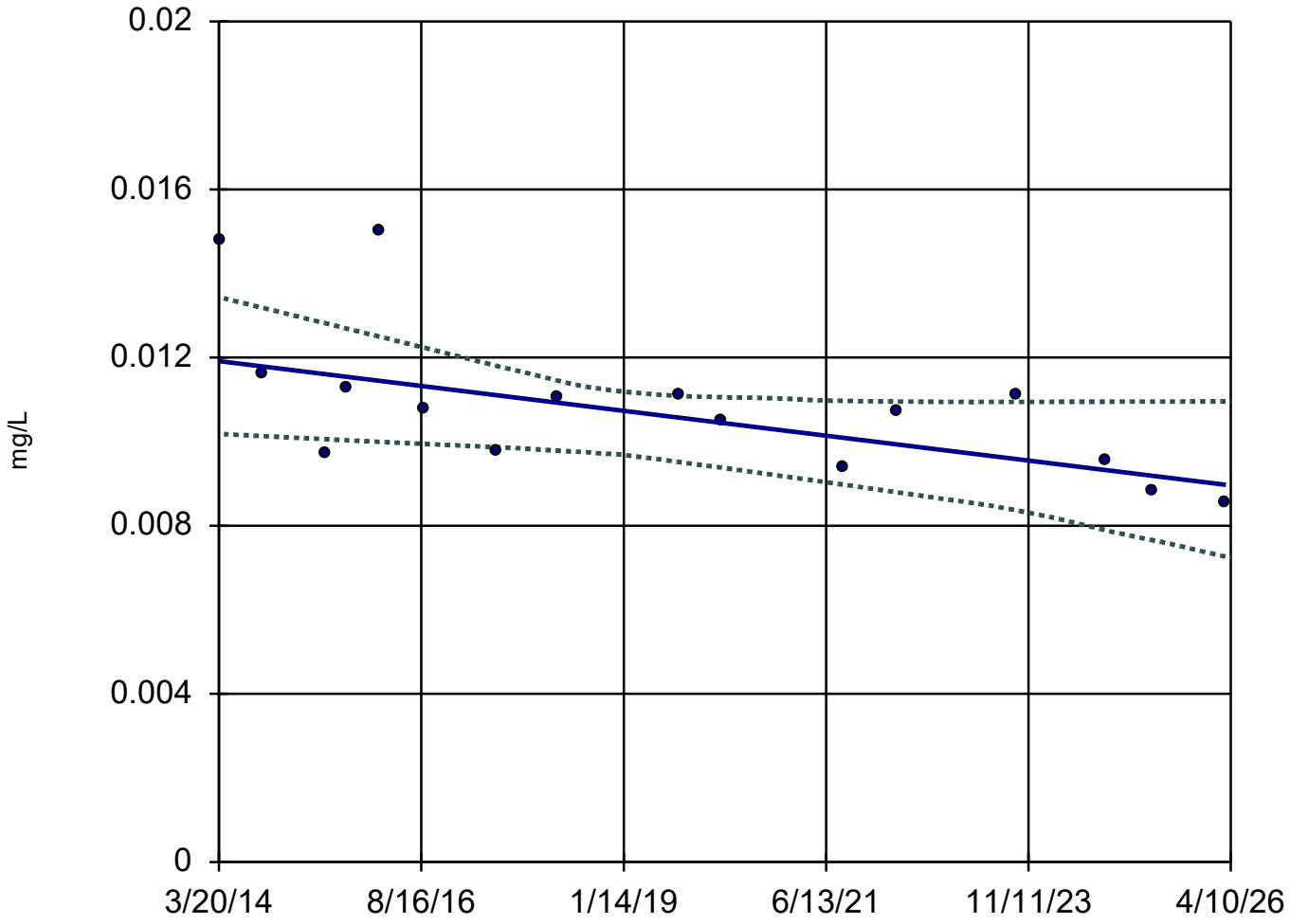
Constituent: Cobalt Analysis Run 4/29/2026 4:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-33R



n = 16

Slope = -0.0002455 units per year.

Mann-Kendall statistic = -63
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

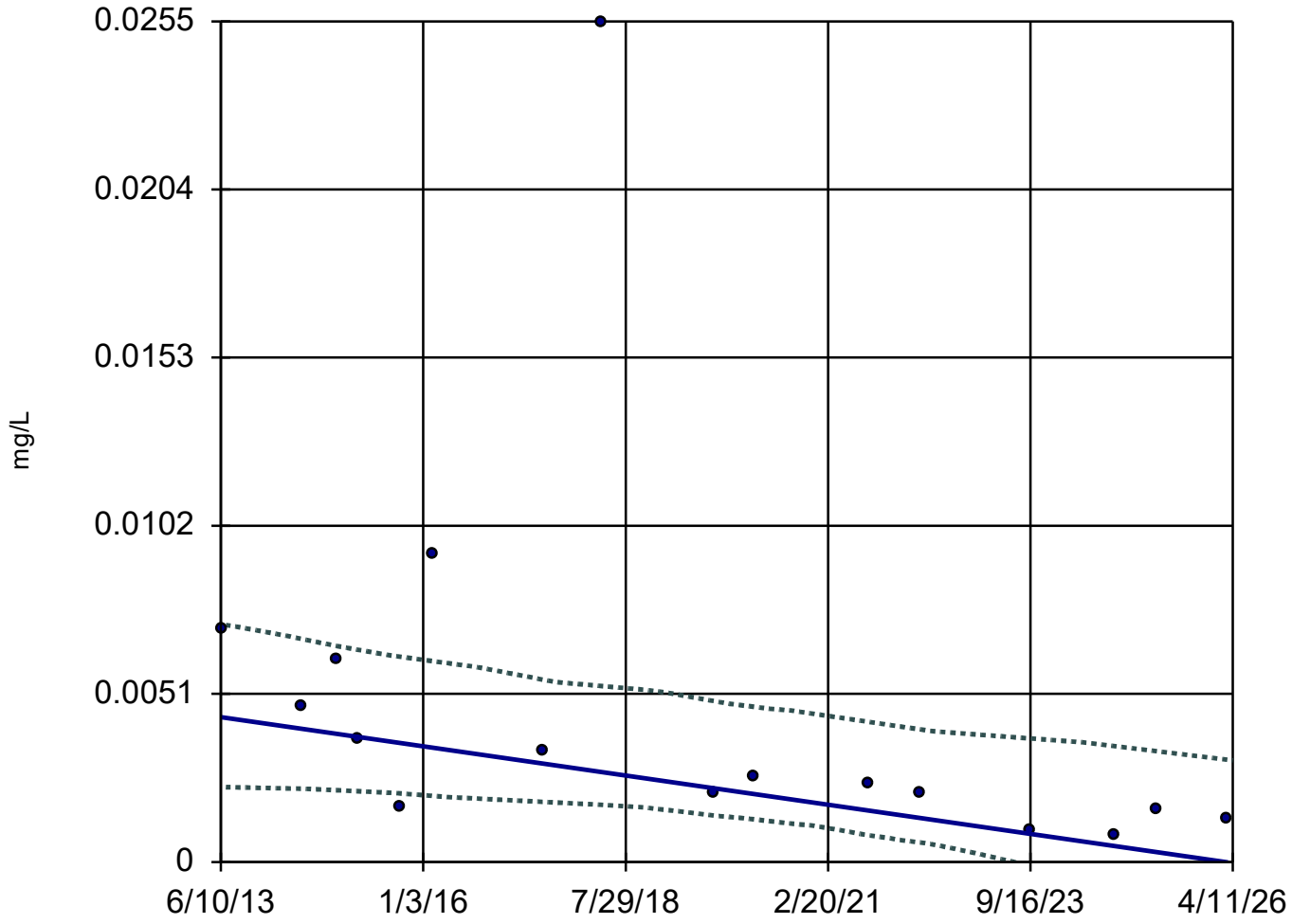
Constituent: Cobalt Analysis Run 4/29/2026 4:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-58



n = 16

Slope = -0.0003452 units per year.

Mann-Kendall statistic = -72
critical = -53

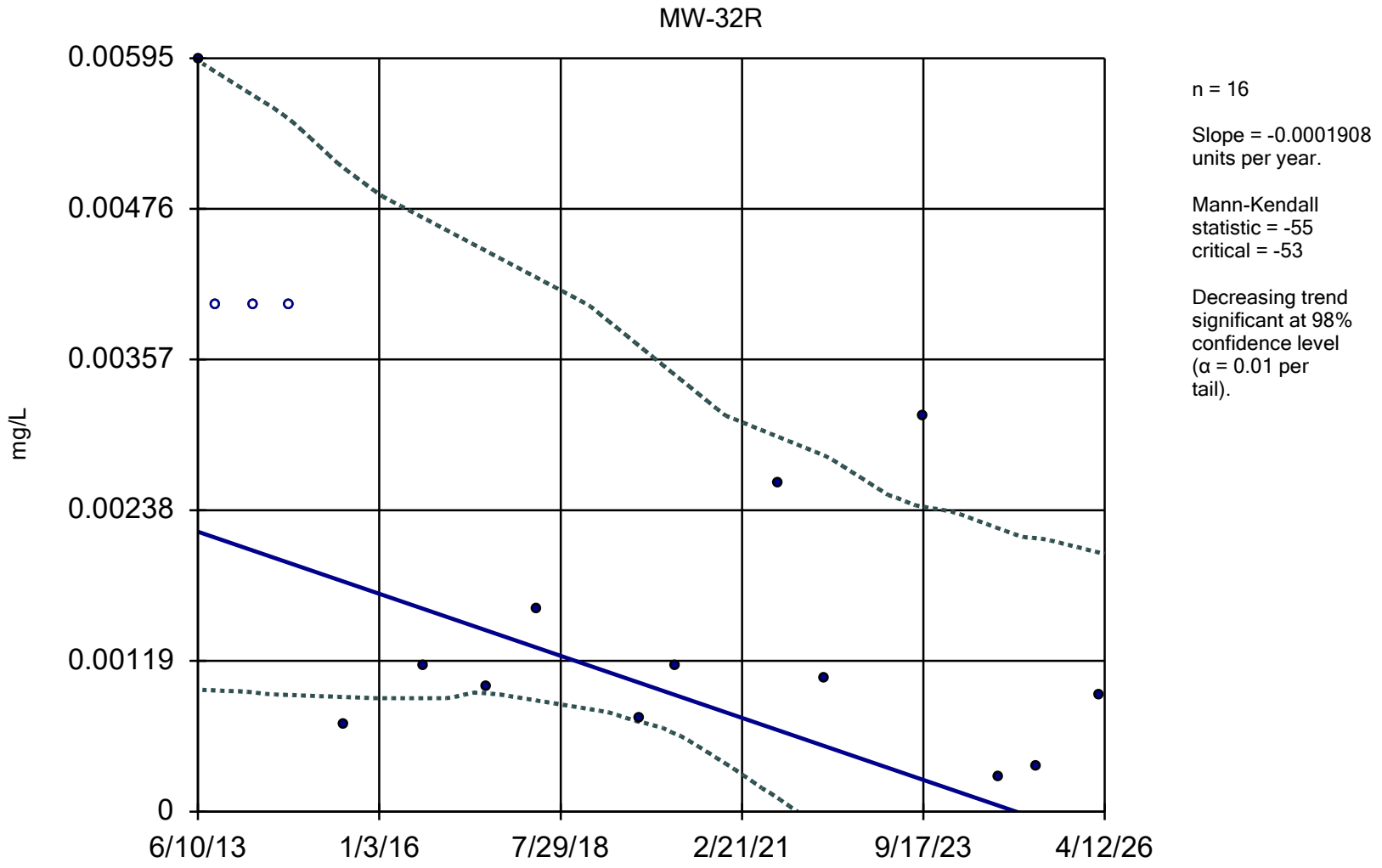
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cobalt Analysis Run 4/29/2026 4:08 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band



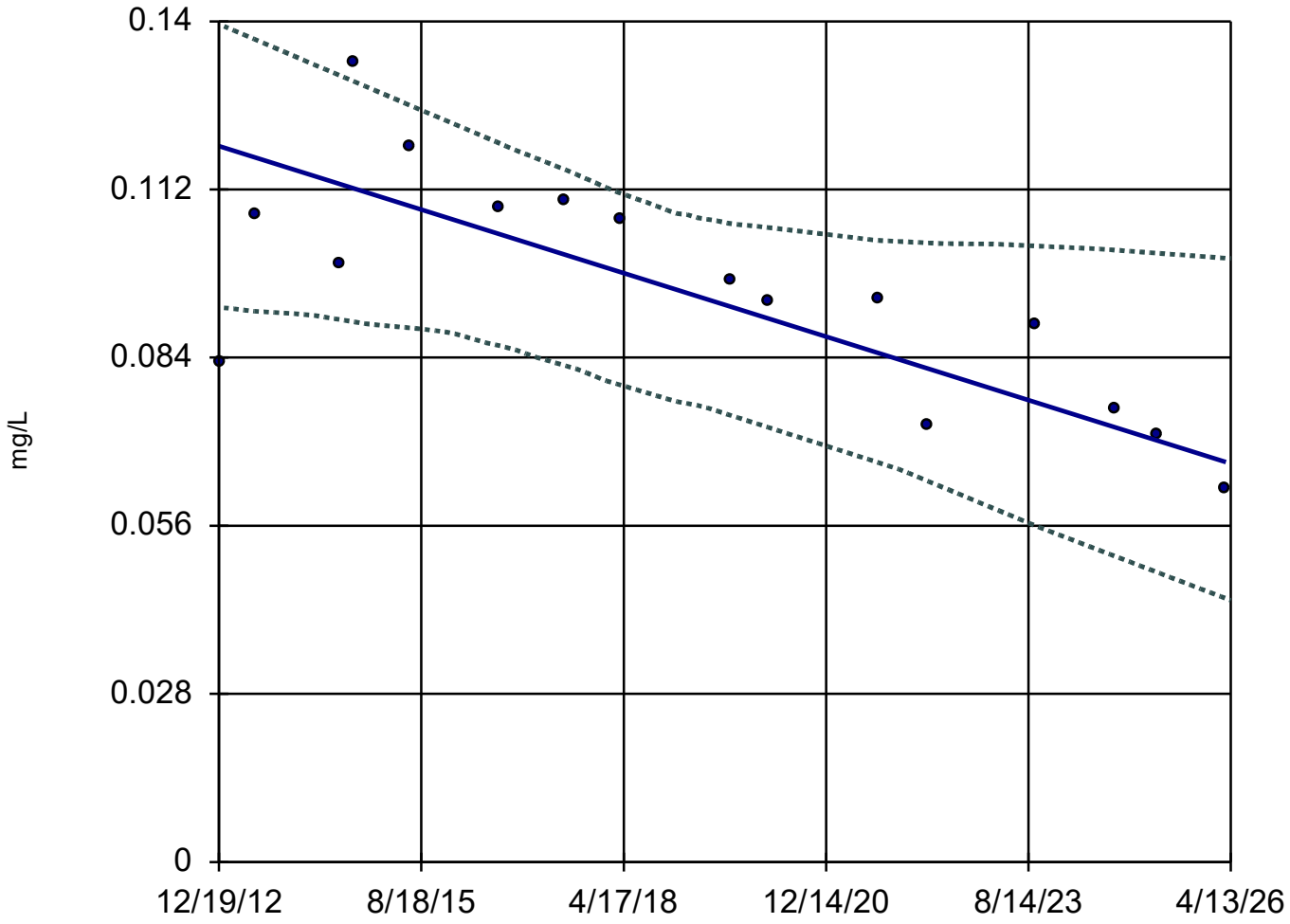
Constituent: Lead Analysis Run 4/29/2026 4:10 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-29



n = 16

Slope = -0.003969 units per year.

Mann-Kendall statistic = -72
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

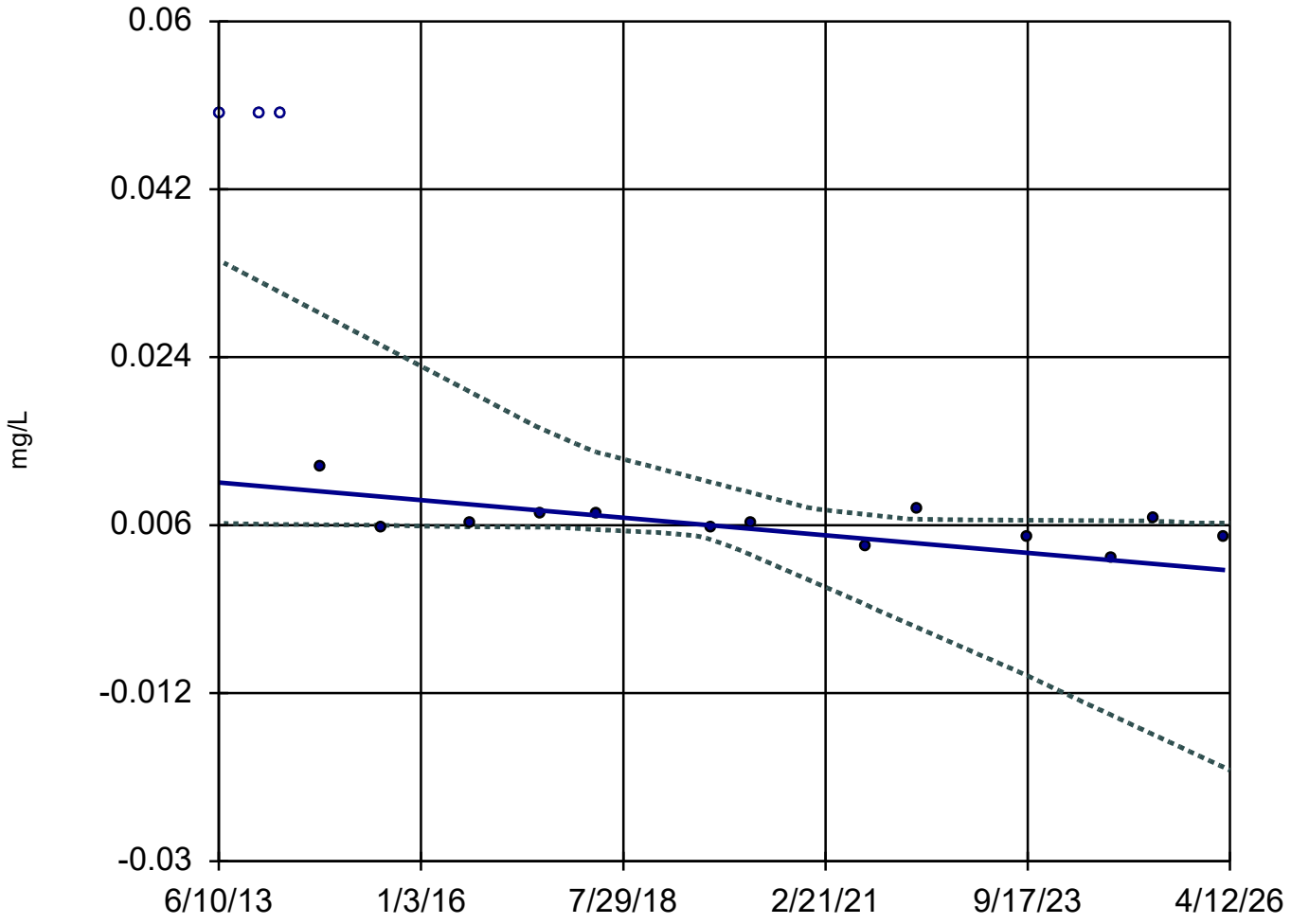
Constituent: Nickel Analysis Run 4/29/2026 4:10 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-30R



n = 16

Slope = -0.0007335 units per year.

Mann-Kendall statistic = -63
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

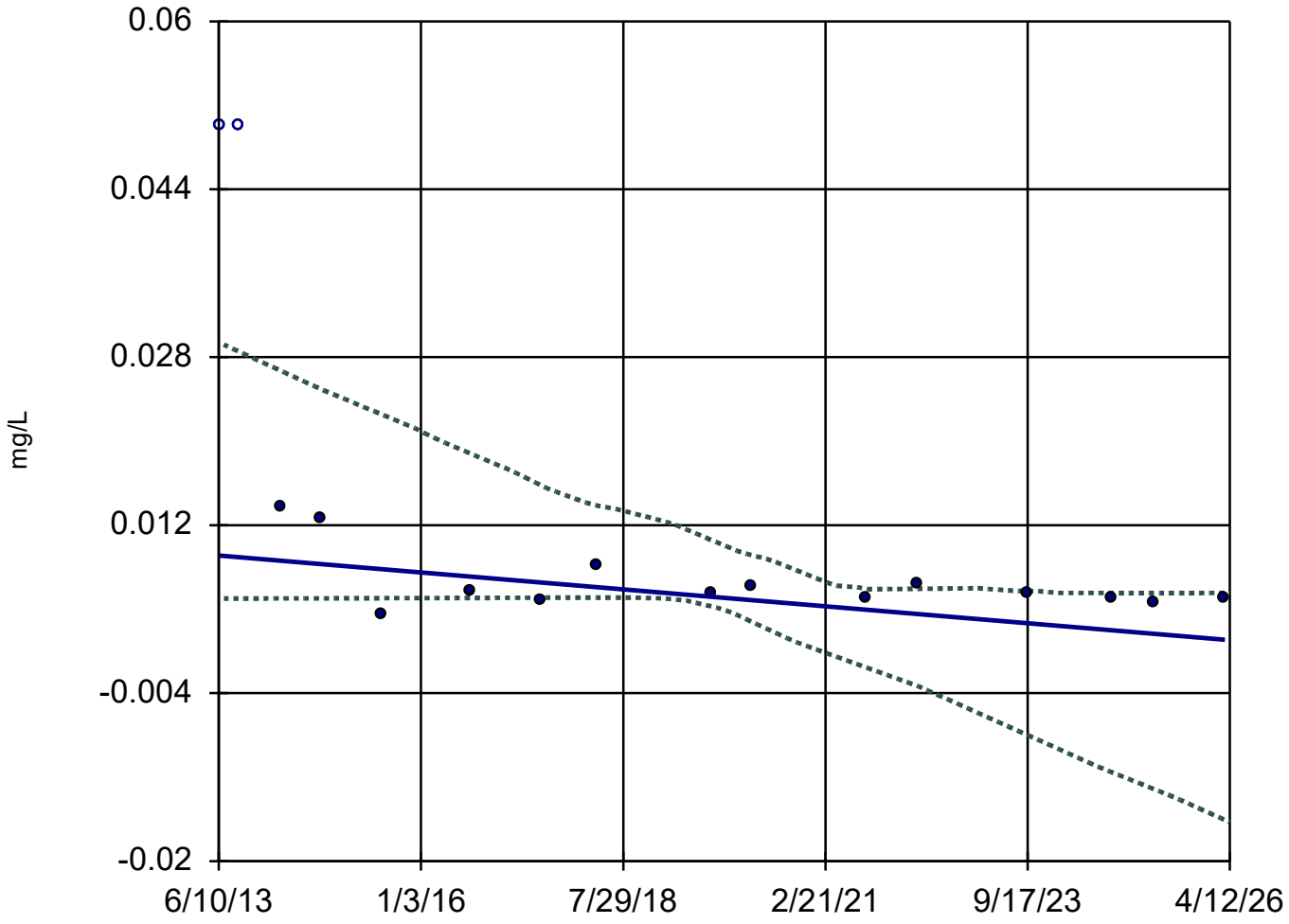
Constituent: Nickel Analysis Run 4/29/2026 4:10 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-33R



n = 16

Slope = -0.0006284 units per year.

Mann-Kendall statistic = -57
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

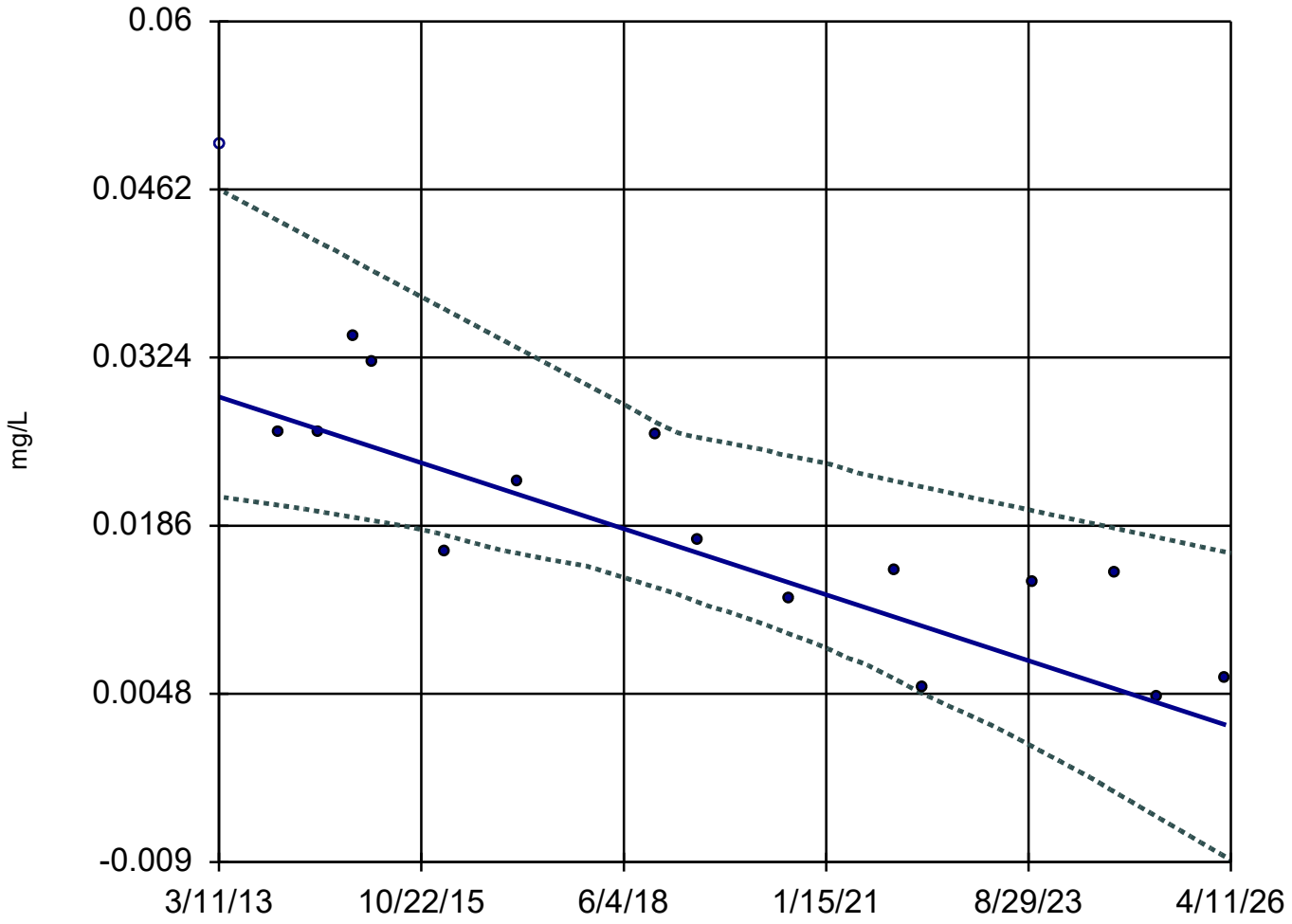
Constituent: Nickel Analysis Run 4/29/2026 4:10 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-39



n = 16

Slope = -0.002067 units per year.

Mann-Kendall statistic = -86
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

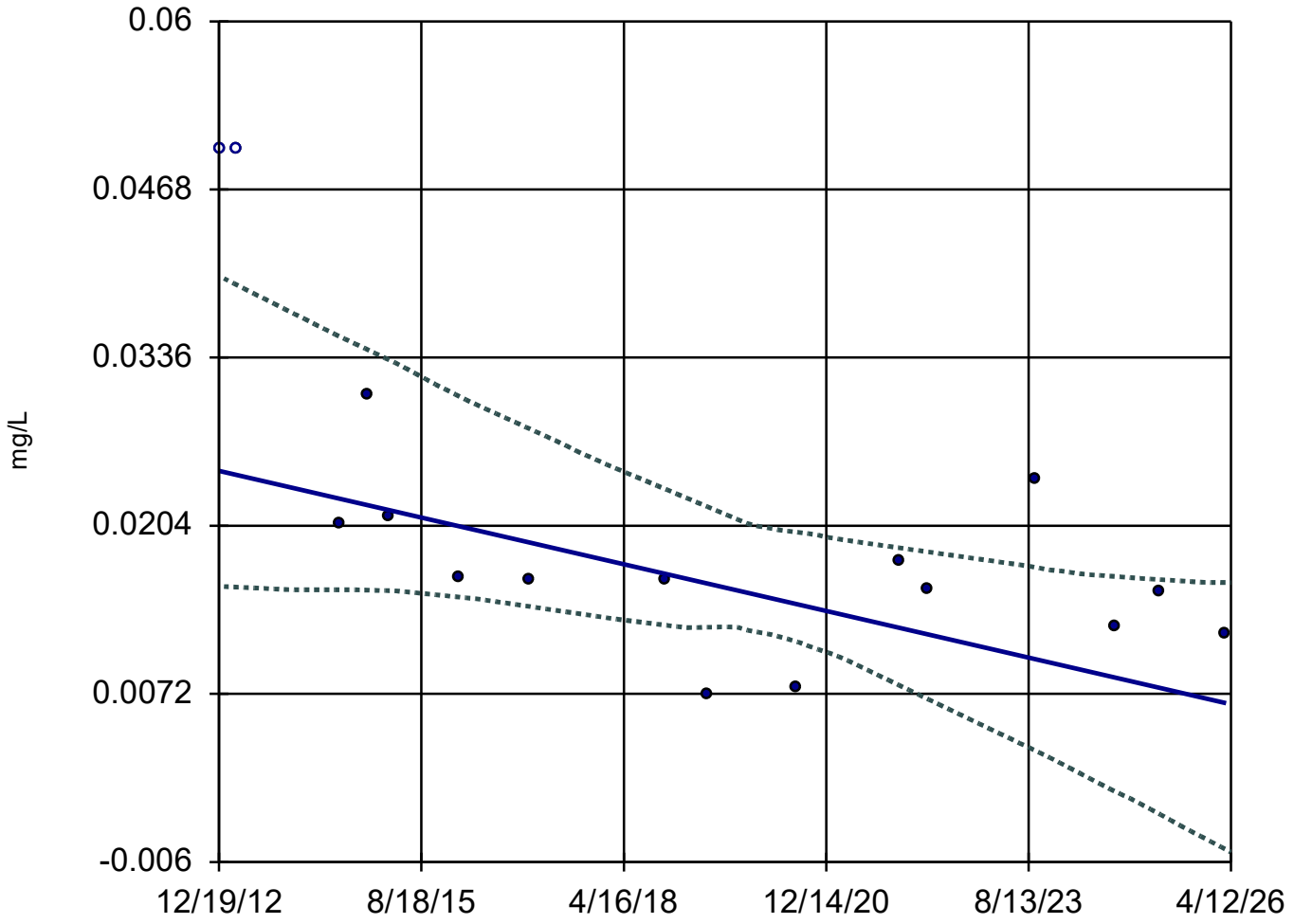
Constituent: Nickel Analysis Run 4/29/2026 4:10 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-56



n = 16

Slope = -0.001376 units per year.

Mann-Kendall statistic = -66
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

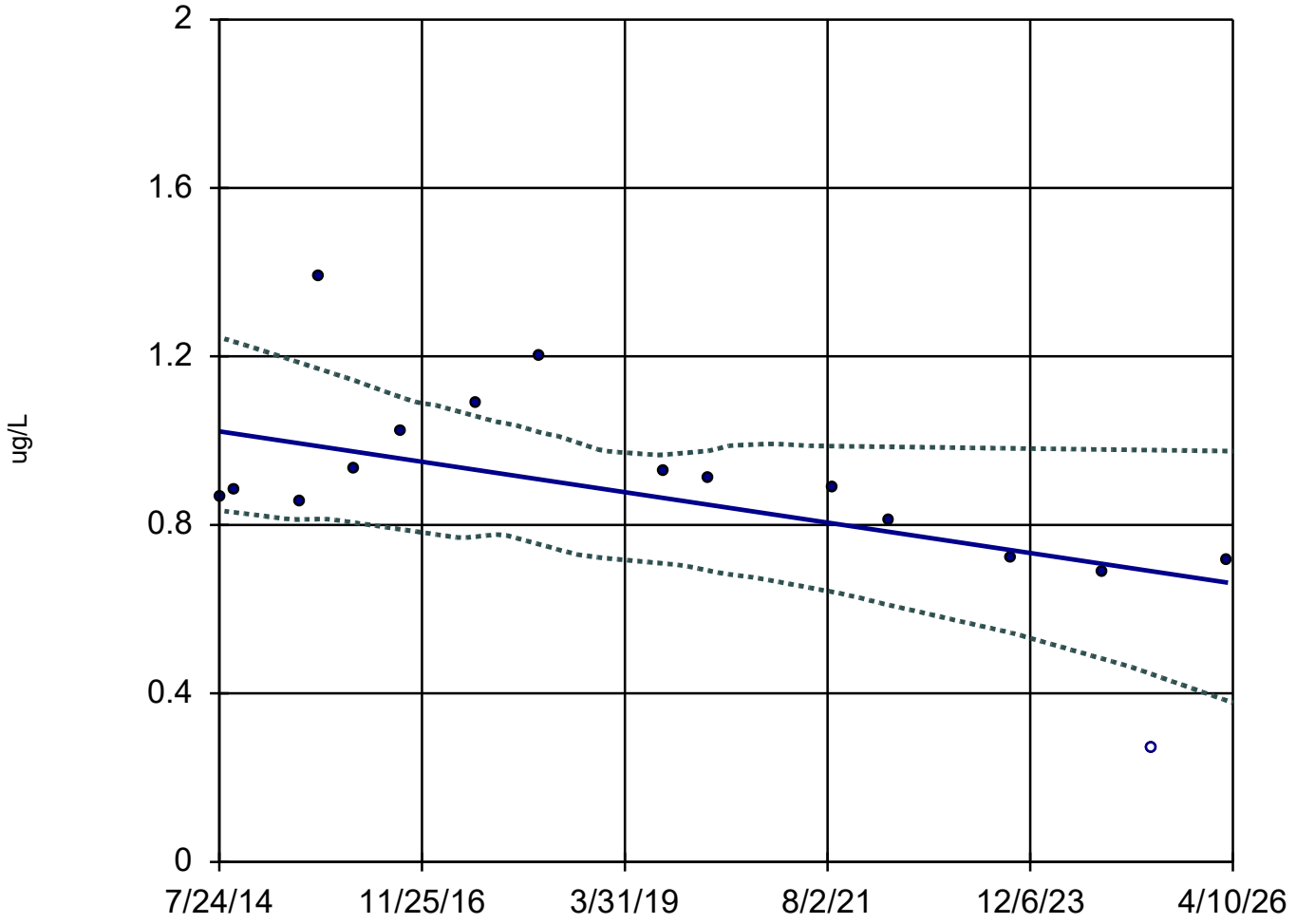
Constituent: Nickel Analysis Run 4/29/2026 4:10 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-29



n = 16

Slope = -0.0308 units per year.

Mann-Kendall statistic = -54
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

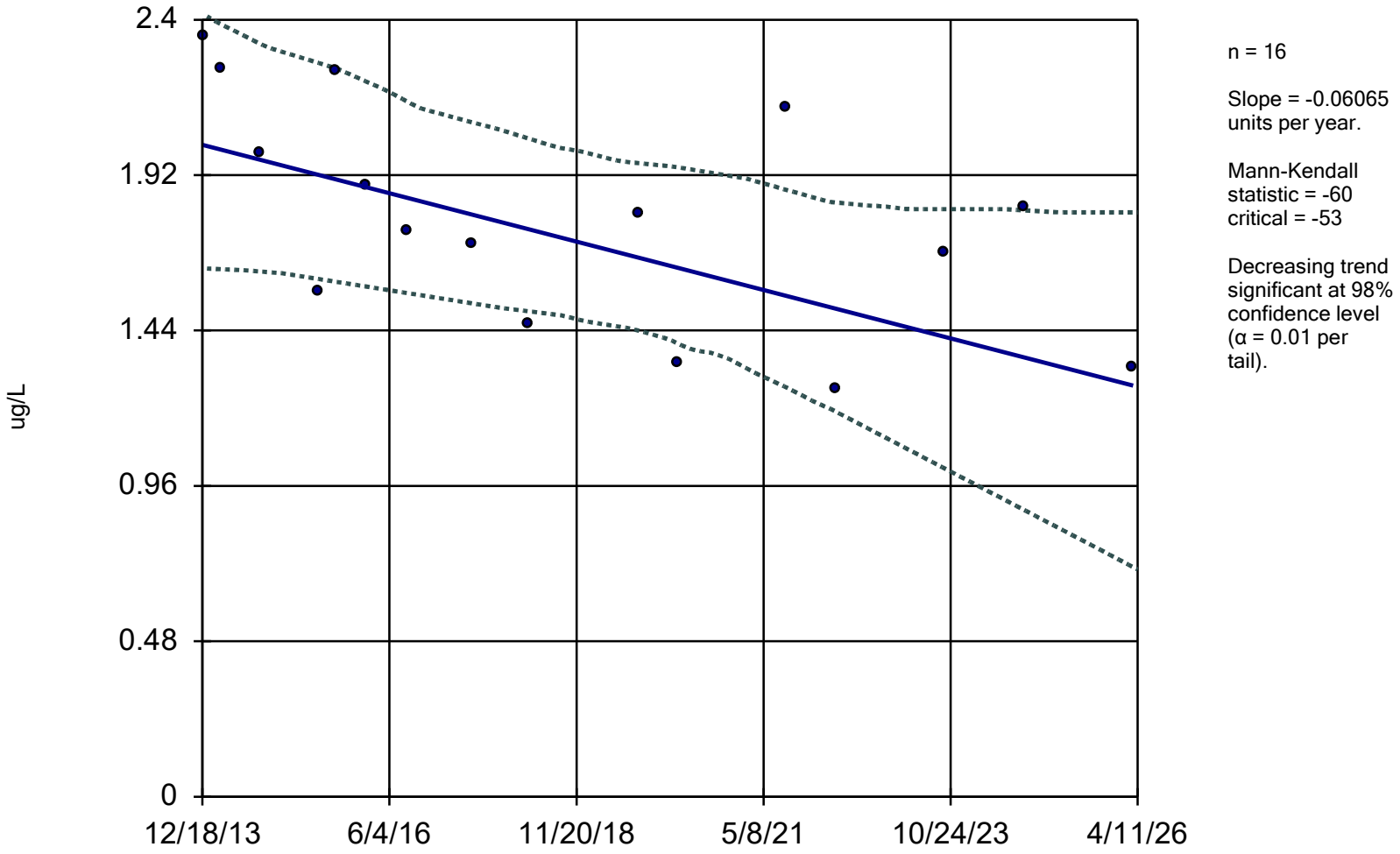
Constituent: trans-1,2-Dichloroethene Analysis Run 4/29/2026 4:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-30R



n = 16

Slope = -0.06065 units per year.

Mann-Kendall statistic = -60
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

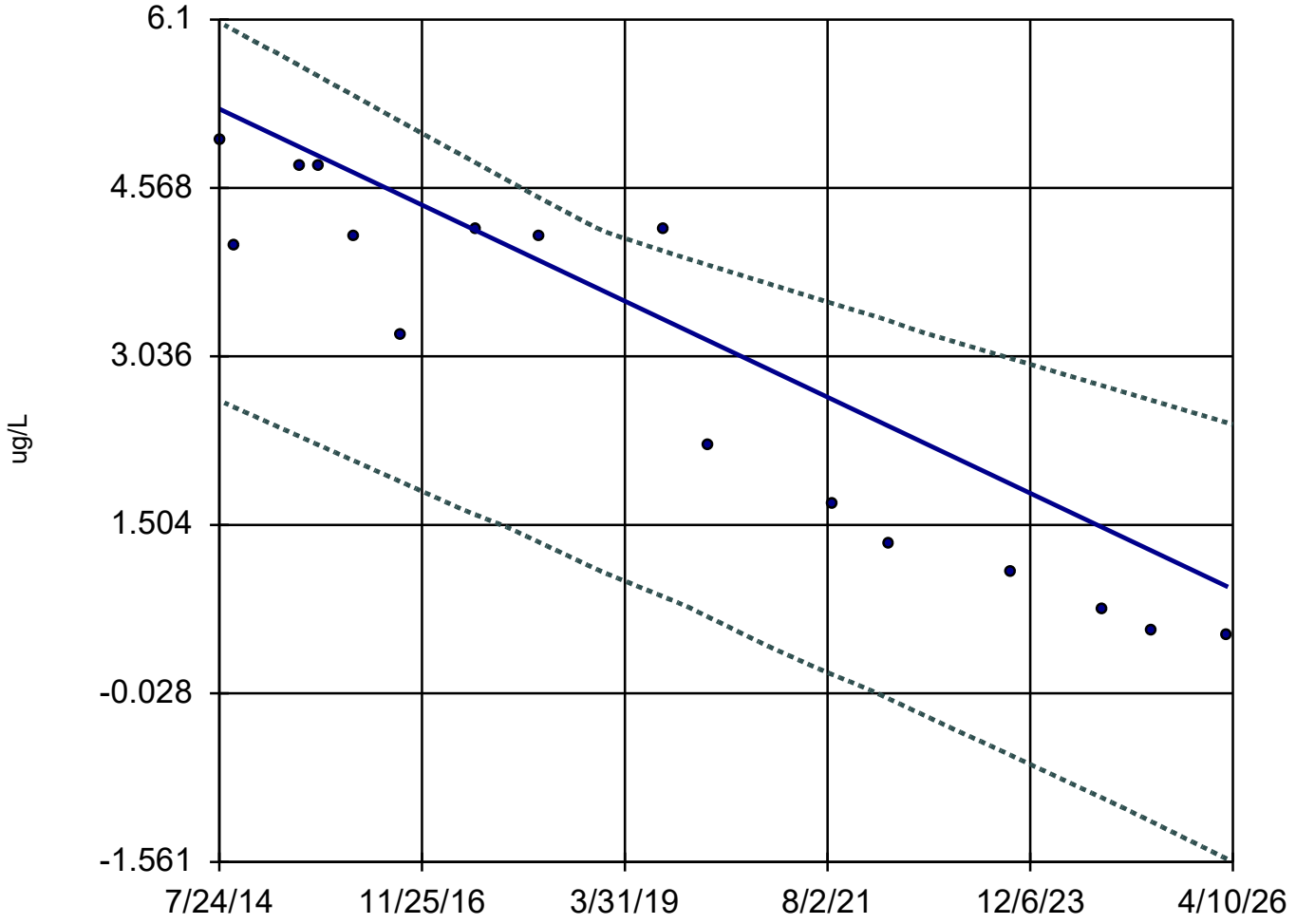
Constituent: trans-1,2-Dichloroethene Analysis Run 4/29/2026 4:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-29



n = 16

Slope = -0.3726 units per year.

Mann-Kendall statistic = -91
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

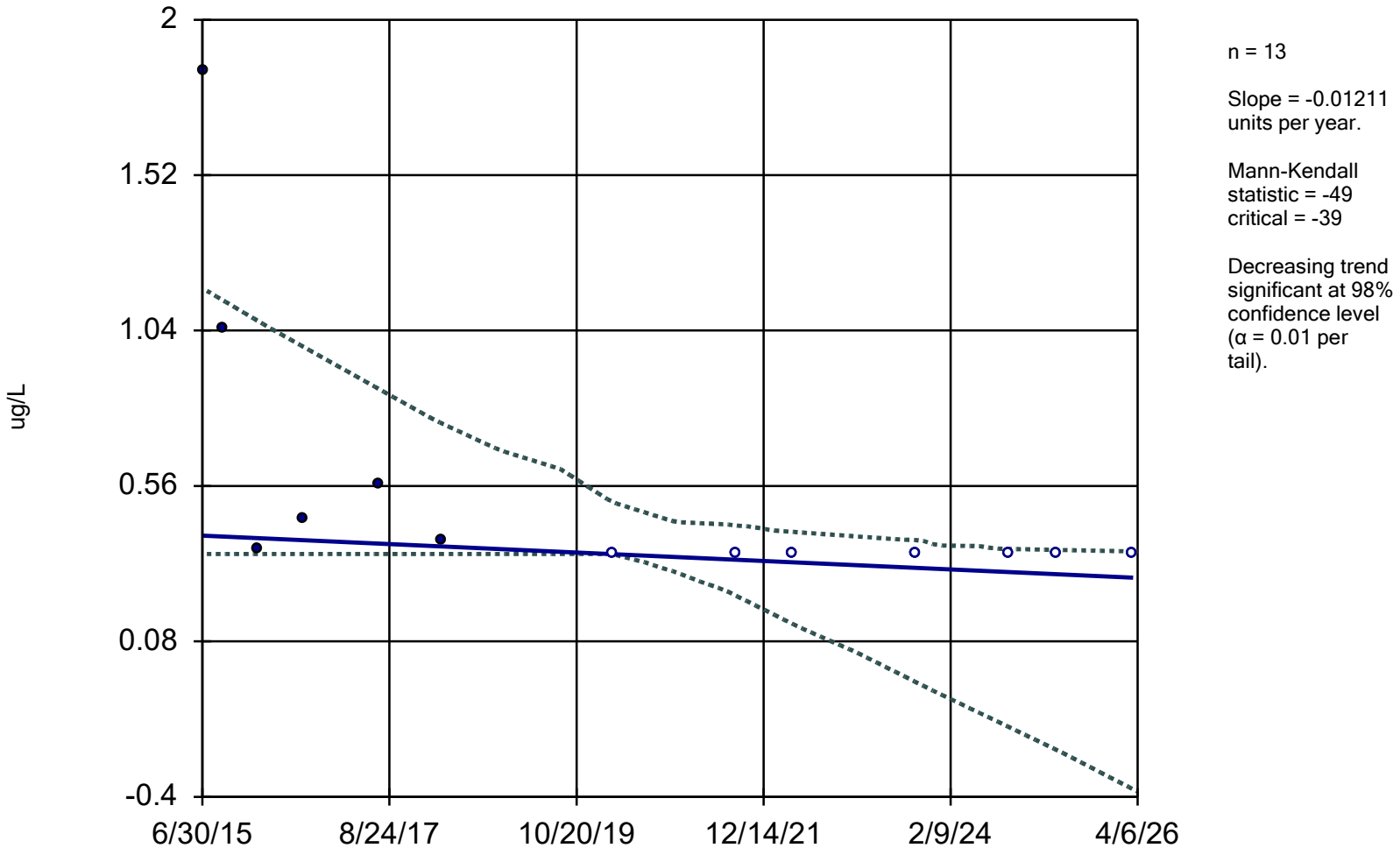
Constituent: Trichloroethene Analysis Run 4/29/2026 4:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-68



n = 13

Slope = -0.01211 units per year.

Mann-Kendall statistic = -49
critical = -39

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

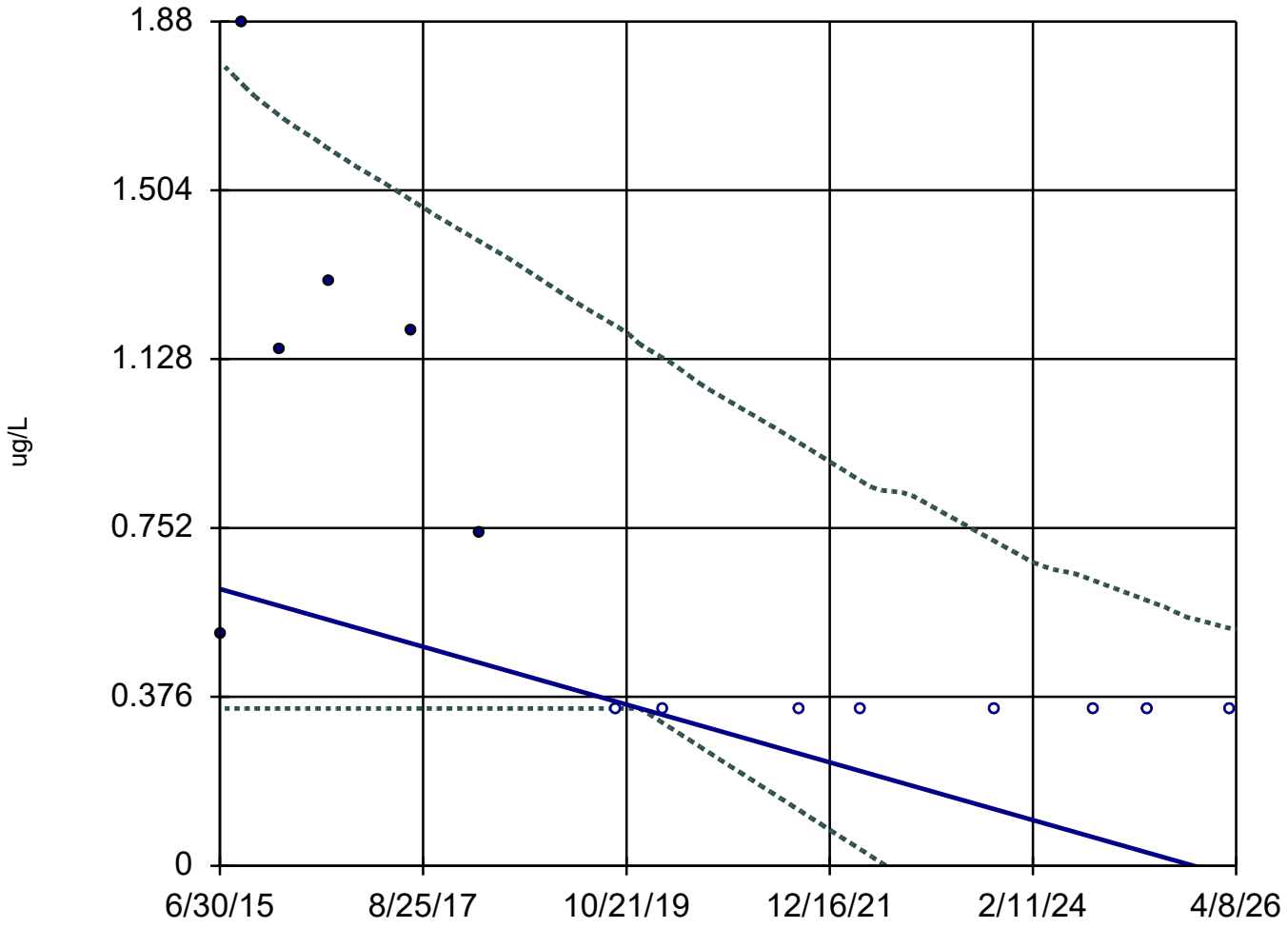
Constituent: Trichloroethene Analysis Run 4/29/2026 4:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-69



n = 14

Slope = -0.05966 units per year.

Mann-Kendall statistic = -49
critical = -44

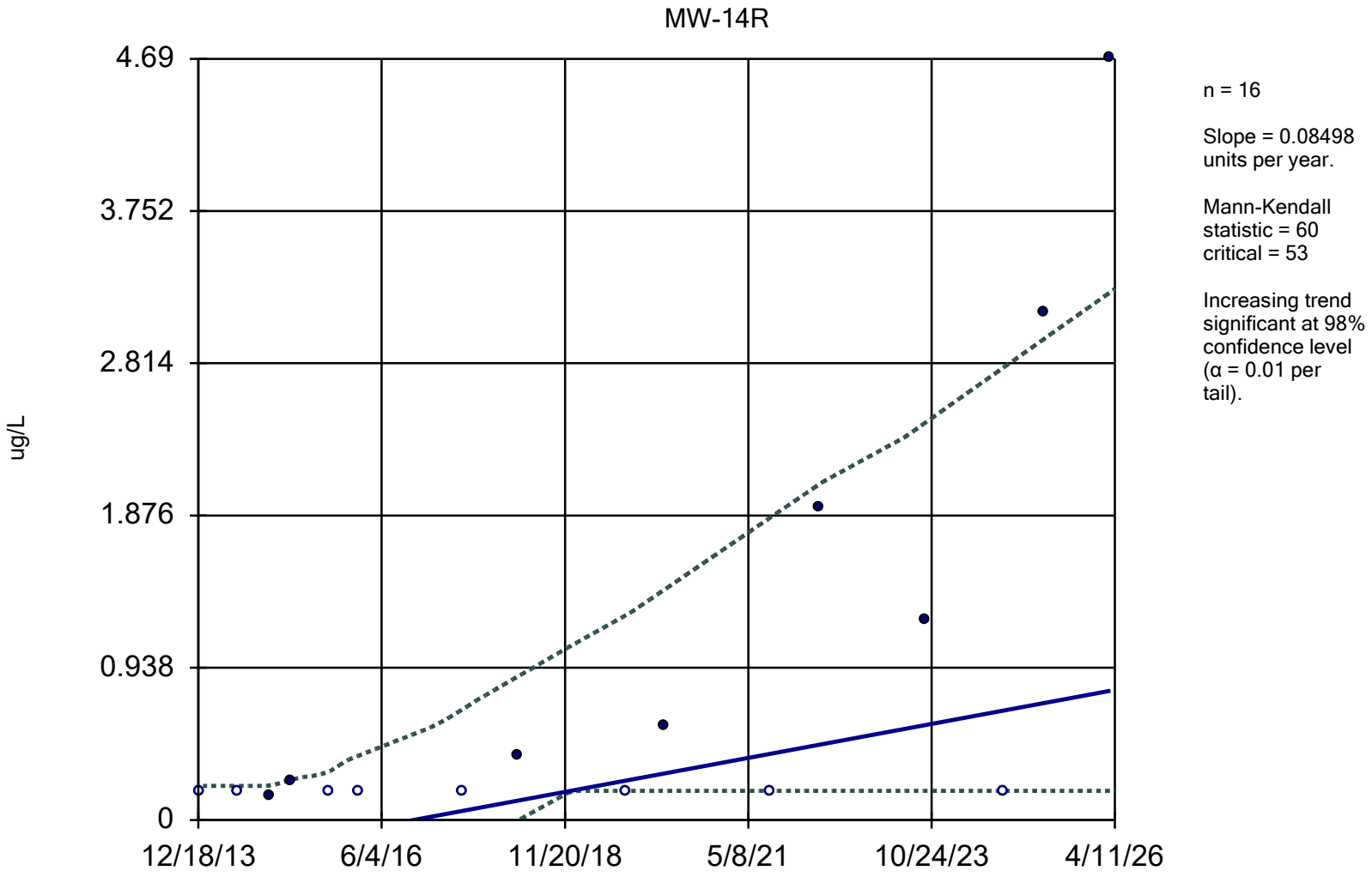
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Trichloroethene Analysis Run 4/29/2026 4:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band



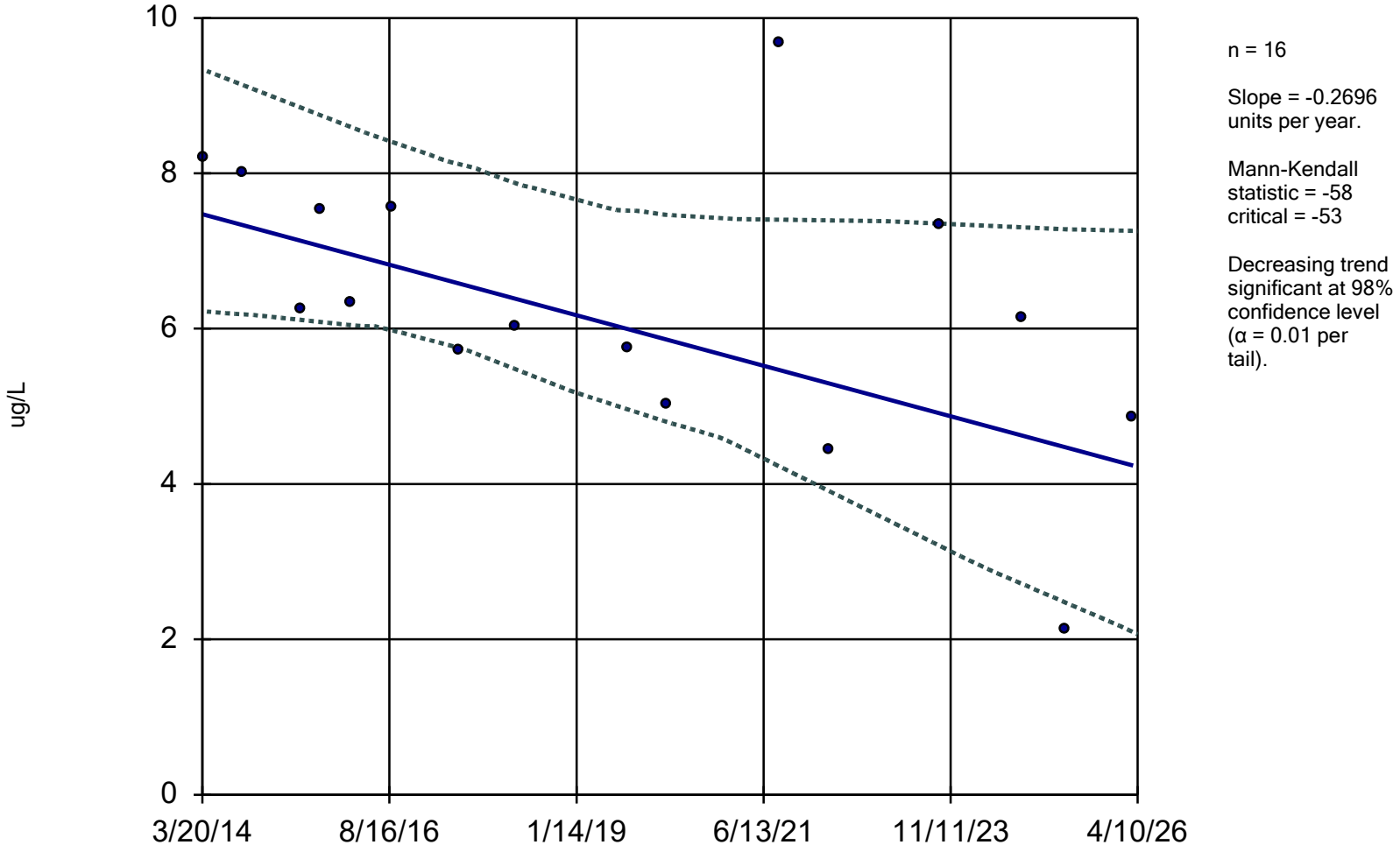
Constituent: Vinyl Chloride Analysis Run 4/29/2026 4:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Sen's Slope and 98% Confidence Band

MW-30R



n = 16

Slope = -0.2696 units per year.

Mann-Kendall statistic = -58
critical = -53

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

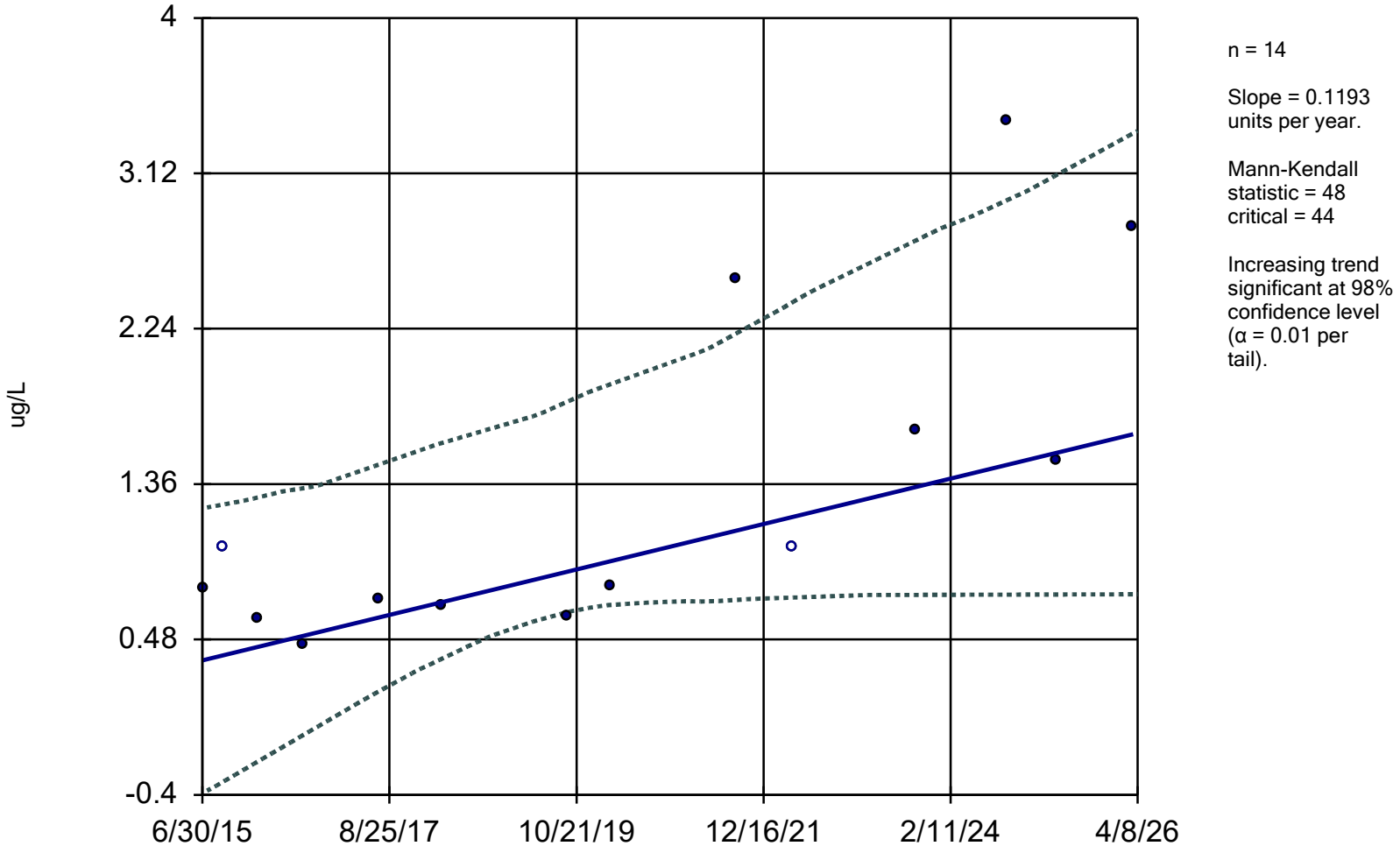
Constituent: Vinyl Chloride Analysis Run 4/29/2026 4:13 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope and 98% Confidence Band

MW-69



n = 14

Slope = 0.1193 units per year.

Mann-Kendall statistic = 48
critical = 44

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Vinyl Chloride Analysis Run 4/29/2026 4:14 PM View: 4_Trend Test v.2

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,1-Dichloroethane (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	**MW-14R**	**0.3422**	**79**	**53**	**Yes**	**16**	**6.25**	**n/a**	**n/a**	**0.02**	**NP**
1,1-Dichloroethane (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	**MW-29**	**-0.1345**	**-61**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
1,1-Dichloroethane (ug/L)	**MW-30R**	**-0.2059**	**-62**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
1,1-Dichloroethane (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-56	0	-7	-53	No	16	93.75	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-58	0	5	53	No	16	87.5	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-68	0.008764	1	13	No	6	16.67	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-69	-0.01199	-1	-13	No	6	0	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	PZ-13	0	1	13	No	6	83.33	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-57R	0	12	31	No	11	54.55	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-29	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-30R	0	28	53	No	16	75	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-68	0	0	39	No	13	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-69	0	0	44	No	14	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-70	0	0	31	No	11	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	PZ-13	0	0	44	No	14	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,2-Dichloroethane (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	**MW-29**	**0.04133**	**55**	**53**	**Yes**	**16**	**43.75**	**n/a**	**n/a**	**0.02**	**NP**
1,2-Dichloroethane (ug/L)	MW-30R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-68	0	0	39	No	13	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-69	0	5	44	No	14	92.86	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-70	0	0	31	No	11	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	PZ-13	0	0	44	No	14	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-14R	0	38	53	No	16	81.25	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	**MW-29**	**-0.04459**	**-66**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
1,2-Dichloropropane (ug/L)	MW-30R	0	-9	-53	No	16	81.25	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-68	0	3	13	No	6	83.33	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-69	0.0442	5	13	No	6	16.67	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-57R	0	9	31	No	11	81.82	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-29	0.2127	46	53	No	16	0	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-30R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,4-Dichlorobenzene (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	GU-3A	0	-4	-53	No	16	81.25	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-29	0	-1	-53	No	16	87.5	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-30R	0	0	53	No	16	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-39	0	1	53	No	16	93.75	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-56	0	3	53	No	16	93.75	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-29	0	-13	-35	No	12	58.33	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-56	0	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-58	0	0	13	No	6	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-18	0	1	8	No	4	75	n/a	n/a	0.02	NP
4,4`-DDE (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
4,4`-DDE (ug/L)	MW-29	0	9	17	No	7	71.43	n/a	n/a	0.02	NP
4,4`-DDE (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDE (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-55	0.002385	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-58	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDE (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Acetone (ug/L)	GU-3A	0	-16	-53	No	16	56.25	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-14R	0	-7	-53	No	16	87.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-19	0	-11	-53	No	16	93.75	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-23 (bg)	0	-13	-20	No	8	75	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-29	0	19	53	No	16	50	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-30R	0	5	53	No	16	87.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-31R	0	-3	-53	No	16	87.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-32R	0	-7	-53	No	16	93.75	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-33R	0	8	53	No	16	81.25	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-55	0	5	53	No	16	93.75	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-56	0	5	53	No	16	87.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-58	0	10	53	No	16	81.25	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Acetone (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-57R	0	11	31	No	11	81.82	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
Aldrin (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-18	0	3	17	No	7	57.14	n/a	n/a	0.02	NP
Aldrin (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-29	0	-3	-27	No	10	50	n/a	n/a	0.02	NP
Aldrin (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Aldrin (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-58	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Aldrin (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-18	0.0004496	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Alpha-BHC (ug/L)	MW-29	-0.0001269	-22	-35	No	12	41.67	n/a	n/a	0.02	NP
Alpha-BHC (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Alpha-BHC (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Alpha-BHC (ug/L)	MW-58	0.0007946	13	17	No	7	57.14	n/a	n/a	0.02	NP
Alpha-BHC (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Alpha-Chlordane (ug/L)	MW-29	0	-1	-17	No	7	71.43	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-101	0	3	23	No	9	77.78	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-102	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-103	0	-3	-23	No	9	66.67	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-104	0	-5	-13	No	6	83.33	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-105	-0.01376	-9	-13	No	6	66.67	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-106	0	2	23	No	9	88.89	n/a	n/a	0.02	NP
Ammonia as N (mg/L)	SW-107	0	4	23	No	9	88.89	n/a	n/a	0.02	NP
Antimony (mg/L)	GU-3A	0	-6	-53	No	16	75	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-23 (bg)	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-24R (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-29	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-30R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-58	0	3	53	No	16	93.75	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-73	0	9	27	No	10	90	n/a	n/a	0.02	NP
Arsenic (mg/L)	GU-3A	-0.00008008	-34	-53	No	16	25	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-14R	0.0004083	42	53	No	16	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-18	0	11	53	No	16	62.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-23 (bg)	0	21	53	No	16	87.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-24R (bg)	0	0	53	No	16	100	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-28	-0.0001219	-42	-53	No	16	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-29	-0.0007841	-18	-53	No	16	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-30R	-0.0008738	-34	-53	No	16	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-31R	0.000174	29	53	No	16	37.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-32R	0	12	53	No	16	56.25	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-33R	-0.00125	-48	-53	No	16	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-39	0	37	53	No	16	68.75	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-55	0	-5	-53	No	16	93.75	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Arsenic (mg/L)	MW-56	0.001504	32	53	No	16	6.25	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-58	0.001346	44	53	No	16	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-60	0	0	31	No	11	100	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-62	-0.00003235	-11	-23	No	9	22.22	n/a	n/a	0.02	NP
Arsenic (mg/L)	PZ-13	-0.000004603	-1	-31	No	11	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	SW-101	-0.0001192	-5	-23	No	9	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	SW-102	-0.0004014	-8	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	SW-103	-0.0001981	-11	-20	No	8	25	n/a	n/a	0.02	NP
Arsenic (mg/L)	SW-106	-0.0002537	-12	-23	No	9	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	SW-107	-0.00005933	-2	-23	No	9	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-57R	-0.0002799	-3	-31	No	11	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-73	-0.0001582	-4	-27	No	10	0	n/a	n/a	0.02	NP
Barium (mg/L)	**GU-3A**	**-0.01181**	**-60**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (mg/L)	**MW-14R**	**0.008221**	**83**	**53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (mg/L)	**MW-18**	**-0.003649**	**-57**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (mg/L)	MW-19	-0.0002259	-16	-53	No	16	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-23 (bg)	-0.005568	-26	-53	No	16	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-24R (bg)	-0.004891	-46	-53	No	16	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-28	-0.0005963	-30	-53	No	16	0	n/a	n/a	0.02	NP
Barium (mg/L)	**MW-29**	**-0.09299**	**-92**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (mg/L)	MW-30R	-0.01312	-33	-53	No	16	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-31R	-0.002069	-4	-53	No	16	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-32R	-0.004743	-24	-53	No	16	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-33R	-0.001118	-1	-53	No	16	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-39	-0.001235	-26	-53	No	16	0	n/a	n/a	0.02	NP
Barium (mg/L)	**MW-55**	**-0.006588**	**-56**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (mg/L)	MW-56	-0.004558	-4	-53	No	16	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-58	0.00676	22	53	No	16	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-57R	-0.07734	-21	-31	No	11	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-73	-0.01006	-17	-31	No	11	0	n/a	n/a	0.02	NP
Benzene (ug/L)	GU-3A	0	-7	-53	No	16	87.5	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-29	0.01579	17	53	No	16	0	n/a	n/a	0.02	NP
Benzene (ug/L)	**MW-30R**	**-0.03063**	**-74**	**-53**	**Yes**	**16**	**6.25**	**n/a**	**n/a**	**0.02**	**NP**
Benzene (ug/L)	MW-31R	0	11	53	No	16	93.75	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-55	0	3	53	No	16	93.75	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-56	-0.02972	-13	-53	No	16	18.75	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-58	0.09308	34	53	No	16	0	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-68	0.7821	9	13	No	6	0	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-69	-0.09456	-5	-13	No	6	16.67	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-70	0	0	31	No	11	100	n/a	n/a	0.02	NP
Benzene (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Benzene (ug/L)	MW-57R	0.2104	7	31	No	11	9.091	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-73	0	-15	-31	No	11	81.82	n/a	n/a	0.02	NP
Beryllium (mg/L)	GU-3A	0	12	53	No	16	81.25	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-23 (bg)	0	0	53	No	16	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-24R (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-29	0	5	53	No	16	93.75	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-30R	0	2	53	No	16	75	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-33R	0	-13	-53	No	16	87.5	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-58	0	-1	-53	No	16	87.5	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-73	0	0	27	No	10	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-29	-0.002165	-14	-35	No	12	41.67	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-56	0.00295	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-58	0	0	8	No	4	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Cadmium (mg/L)	GU-3A	0	-12	-53	No	16	75	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-14R	0	-10	-53	No	16	56.25	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-18	0	-6	-53	No	16	50	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-19	-0.000002711	-32	-53	No	16	50	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-23 (bg)	0	7	39	No	13	84.62	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-24R (bg)	0	3	53	No	16	93.75	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-28	0	1	53	No	16	68.75	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-29	0	0	53	No	16	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-30R	0	-4	-53	No	16	75	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-31R	0	15	53	No	16	87.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-32R	0	11	53	No	16	62.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	**MW-33R**	**-0.00004202**	**-75**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (mg/L)	**MW-39**	**-0.00004677**	**-56**	**-53**	**Yes**	**16**	**25**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (mg/L)	**MW-55**	**-0.00002505**	**-78**	**-53**	**Yes**	**16**	**56.25**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (mg/L)	MW-56	0	17	53	No	16	62.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-58	0	-26	-53	No	16	75	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Cadmium (mg/L)	MW-57R	0.0001084	17	31	No	11	0	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-73	-0.0000704	-27	-27	No	10	0	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-18	0	-15	-53	No	16	93.75	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-19	0	9	53	No	16	93.75	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-29	0	0	53	No	16	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-30R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-55	0	1	53	No	16	93.75	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-56	0	11	53	No	16	87.5	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-58	0	3	53	No	16	93.75	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-57R	0	-10	-31	No	11	90.91	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-101	1.272	9	23	No	9	33.33	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-102	-2.475	-8	-20	No	8	12.5	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-103	0	-1	-20	No	8	37.5	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-104	-7.003	-9	-13	No	6	66.67	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-105	-0.2186	-1	-13	No	6	0	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-106	-0.04946	-3	-23	No	9	33.33	n/a	n/a	0.02	NP
Chemical Oxygen Demand (mg/L)	SW-107	0	0	23	No	9	44.44	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-101	-1.46	-10	-20	No	8	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-102	-0.6936	-3	-17	No	7	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-103	-1.673	-20	-20	No	8	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-104	0.04624	1	13	No	6	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-105	-5.342	-5	-13	No	6	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-106	-2.252	-16	-23	No	9	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SW-107	-0.6056	0	23	No	9	0	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	**MW-29**	**0.9643**	**97**	**53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Chlorobenzene (ug/L)	MW-30R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chlorobenzene (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-58	0.2124	40	53	No	16	0	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-57R	0	6	31	No	11	90.91	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-29	0	-30	-53	No	16	56.25	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-30R	0	13	53	No	16	87.5	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-56	0	16	53	No	16	81.25	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-58	0	-4	-53	No	16	25	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
Chromium (mg/L)	GU-3A	0	0	53	No	16	81.25	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-23 (bg)	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-24R (bg)	0	0	44	No	14	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-28	0	-5	-53	No	16	93.75	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-29	0	-3	-53	No	16	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-30R	0	-1	-53	No	16	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-31R	0	-7	-53	No	16	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-32R	0	10	53	No	16	81.25	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-33R	0	-13	-53	No	16	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-58	0	-7	-53	No	16	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-57R	0	17	31	No	11	81.82	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-73	0	8	31	No	11	90.91	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
cis-1,2-Dichloroethene (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	**MW-14R**	**1.267**	**92**	**53**	**Yes**	**16**	**6.25**	**n/a**	**n/a**	**0.02**	**NP**
cis-1,2-Dichloroethene (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-29	-0.1802	-30	-53	No	16	0	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	**MW-30R**	**-2.57**	**-61**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
cis-1,2-Dichloroethene (ug/L)	MW-31R	0	-11	-53	No	16	93.75	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-56	0	21	53	No	16	87.5	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-58	0	3	53	No	16	93.75	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-68	-0.1101	-28	-35	No	12	0	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	**MW-69**	**-0.9809**	**-53**	**-44**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.02**	**NP**
cis-1,2-Dichloroethene (ug/L)	MW-70	0	0	31	No	11	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	PZ-13	0.0002798	7	44	No	14	28.57	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-57R	0.2454	9	31	No	11	36.36	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-73	0	0	31	No	11	90.91	n/a	n/a	0.02	NP
Cobalt (mg/L)	GU-3A	0.00001781	12	53	No	16	25	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-14R	0.00002335	47	53	No	16	43.75	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-18	-0.0001152	-52	-53	No	16	18.75	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-19	0	4	53	No	16	75	n/a	n/a	0.02	NP
Cobalt (mg/L)	**MW-23 (bg)**	**-0.00009965**	**-60**	**-53**	**Yes**	**16**	**25**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (mg/L)	MW-24R (bg)	0	7	53	No	16	87.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-28	-0.00001556	-45	-53	No	16	25	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-29	0.0002317	6	53	No	16	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-30R	0.0000225	5	53	No	16	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-31R	0.00001703	15	53	No	16	12.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-32R	-0.0000346	-17	-53	No	16	12.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	**MW-33R**	**-0.0002455**	**-63**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (mg/L)	MW-39	-0.0003317	-17	-53	No	16	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-55	0	-9	-53	No	16	68.75	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-56	0.0001374	10	53	No	16	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	**MW-58**	**-0.0003452**	**-72**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (mg/L)	MW-60	0	-9	-27	No	10	90	n/a	n/a	0.02	NP
Cobalt (mg/L)	PZ-13	0.000005132	28	31	No	11	63.64	n/a	n/a	0.02	NP
Cobalt (mg/L)	SW-101	-0.00001244	-8	-17	No	7	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	SW-102	-0.00001351	-5	-17	No	7	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	SW-103	-0.0001223	-18	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	SW-106	-0.000154	-13	-23	No	9	11.11	n/a	n/a	0.02	NP
Cobalt (mg/L)	SW-107	-0.00002428	-8	-23	No	9	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-57R	-0.001728	-3	-31	No	11	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-73	-0.000261	-17	-27	No	10	0	n/a	n/a	0.02	NP
Copper (mg/L)	GU-3A	0	10	53	No	16	81.25	n/a	n/a	0.02	NP
Copper (mg/L)	MW-14R	0	5	53	No	16	93.75	n/a	n/a	0.02	NP
Copper (mg/L)	MW-18	0	10	53	No	16	81.25	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Copper (mg/L)	MW-19	0	-12	-53	No	16	75	n/a	n/a	0.02	NP
Copper (mg/L)	MW-23 (bg)	0	9	53	No	16	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-24R (bg)	0	-7	-53	No	16	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-28	0	5	53	No	16	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-29	0	21	53	No	16	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-30R	0	11	53	No	16	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-31R	0	17	53	No	16	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-32R	0	-7	-53	No	16	68.75	n/a	n/a	0.02	NP
Copper (mg/L)	MW-33R	0	-2	-53	No	16	31.25	n/a	n/a	0.02	NP
Copper (mg/L)	MW-39	0	17	53	No	16	81.25	n/a	n/a	0.02	NP
Copper (mg/L)	MW-55	0	10	53	No	16	81.25	n/a	n/a	0.02	NP
Copper (mg/L)	MW-56	0	-2	-53	No	16	56.25	n/a	n/a	0.02	NP
Copper (mg/L)	MW-58	0	19	53	No	16	62.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-57R	0.00005381	9	27	No	10	0	n/a	n/a	0.02	NP
Copper (mg/L)	MW-73	-0.0004881	-12	-31	No	11	18.18	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-29	0	4	10	No	5	80	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-31R	0	5	17	No	7	71.43	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-55	0	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-58	0	5	13	No	6	66.67	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-14R	-0.01014	-5	-17	No	7	14.29	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-18	0	0	8	No	4	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-29	0	0	8	No	4	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-30R	-0.07541	-12	-20	No	8	50	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-56	0	6	53	No	16	75	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-58	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-14R	0.002456	13	17	No	7	57.14	n/a	n/a	0.02	NP
Endosulfan I (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-29	0	11	23	No	9	66.67	n/a	n/a	0.02	NP
Endosulfan I (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endosulfan I (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Endosulfan I (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-56	0.002216	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Endosulfan I (ug/L)	MW-58	0	3	13	No	6	66.67	n/a	n/a	0.02	NP
Endosulfan I (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-14R	0	0	13	No	6	100	n/a	n/a	0.02	NP
Endosulfan II (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-29	0	-15	-27	No	10	80	n/a	n/a	0.02	NP
Endosulfan II (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endosulfan II (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-55	0	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-58	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endosulfan II (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Ethylbenzene (ug/L)	GU-3A	0	-5	-53	No	16	93.75	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-29	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-30R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
Gamma-BHC [Lindane] (ug/L)	MW-14R	0	0	13	No	6	100	n/a	n/a	0.02	NP
Gamma-BHC [Lindane] (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-29	0	-3	-13	No	6	66.67	n/a	n/a	0.02	NP
Gamma-BHC [Lindane] (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Gamma-BHC [Lindane] (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Gamma-BHC [Lindane] (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-33R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Gamma-BHC [Lindane] (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Gamma-BHC [Lindane] (ug/L)	MW-58	0	0	13	No	6	100	n/a	n/a	0.02	NP
Gamma-BHC [Lindane] (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-18	0.001533	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-29	0.001339	11	17	No	7	71.43	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-58	0	0	13	No	6	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-18	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-28	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-29	0.001579	12	17	No	7	42.86	n/a	n/a	0.02	NP
Heptachlor Epoxide (ug/L)	MW-30R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Heptachlor Epoxide (ug/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-58	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor Epoxide (ug/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Iron, Dissolved (mg/L)	SW-101	0	0	23	No	9	88.89	n/a	n/a	0.02	NP
Iron, Dissolved (mg/L)	SW-102	0	0	20	No	8	100	n/a	n/a	0.02	NP
Iron, Dissolved (mg/L)	SW-103	0	6	23	No	9	88.89	n/a	n/a	0.02	NP
Iron, Dissolved (mg/L)	SW-104	0	1	13	No	6	83.33	n/a	n/a	0.02	NP
Iron, Dissolved (mg/L)	SW-105	0	1	13	No	6	83.33	n/a	n/a	0.02	NP
Iron, Dissolved (mg/L)	SW-106	0	0	23	No	9	88.89	n/a	n/a	0.02	NP
Iron, Dissolved (mg/L)	SW-107	0	0	23	No	9	100	n/a	n/a	0.02	NP
Lead (mg/L)	GU-3A	0	-16	-53	No	16	75	n/a	n/a	0.02	NP
Lead (mg/L)	MW-14R	0	10	53	No	16	81.25	n/a	n/a	0.02	NP
Lead (mg/L)	MW-18	0	-12	-53	No	16	81.25	n/a	n/a	0.02	NP
Lead (mg/L)	MW-19	0	-10	-53	No	16	81.25	n/a	n/a	0.02	NP
Lead (mg/L)	MW-23 (bg)	0	8	53	No	16	81.25	n/a	n/a	0.02	NP
Lead (mg/L)	MW-24R (bg)	0	-5	-53	No	16	87.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-28	0	0	53	No	16	75	n/a	n/a	0.02	NP
Lead (mg/L)	MW-29	0	0	53	No	16	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Lead (mg/L)	MW-30R	-0.00004301	-29	-53	No	16	37.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-31R	0	10	53	No	16	75	n/a	n/a	0.02	NP
Lead (mg/L)	**MW-32R**	**-0.0001908**	**-55**	**-53**	**Yes**	**16**	**18.75**	**n/a**	**n/a**	**0.02**	**NP**
Lead (mg/L)	MW-33R	-0.000004712	-9	-53	No	16	25	n/a	n/a	0.02	NP
Lead (mg/L)	MW-39	0	7	53	No	16	93.75	n/a	n/a	0.02	NP
Lead (mg/L)	MW-55	0	-18	-53	No	16	75	n/a	n/a	0.02	NP
Lead (mg/L)	MW-56	0	-21	-53	No	16	68.75	n/a	n/a	0.02	NP
Lead (mg/L)	MW-58	-0.00001068	-30	-53	No	16	31.25	n/a	n/a	0.02	NP
Lead (mg/L)	MW-57R	0	0	31	No	11	18.18	n/a	n/a	0.02	NP
Lead (mg/L)	MW-73	-0.0004367	-23	-27	No	10	10	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-18	0	0	10	No	5	80	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-19	0	-1	-8	No	4	75	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-28	0	-1	-8	No	4	75	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-29	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-30R	-0.000005918	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-31R	-0.000001534	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-55	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-56	-0.000005889	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-58	-0.00000235	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Nickel (mg/L)	GU-3A	0.0003727	47	53	No	16	37.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-14R	0	13	53	No	16	93.75	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-18	-0.0001399	-28	-53	No	16	18.75	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-19	0	-3	-53	No	16	68.75	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-23 (bg)	-0.0001389	-16	-44	No	14	21.43	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-24R (bg)	0	9	35	No	12	91.67	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-28	0	5	53	No	16	93.75	n/a	n/a	0.02	NP
Nickel (mg/L)	**MW-29**	**-0.003969**	**-72**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Nickel (mg/L)	**MW-30R**	**-0.0007335**	**-63**	**-53**	**Yes**	**16**	**18.75**	**n/a**	**n/a**	**0.02**	**NP**
Nickel (mg/L)	MW-31R	0	11	53	No	16	93.75	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-32R	0	16	53	No	16	81.25	n/a	n/a	0.02	NP
Nickel (mg/L)	**MW-33R**	**-0.0006284**	**-57**	**-53**	**Yes**	**16**	**12.5**	**n/a**	**n/a**	**0.02**	**NP**
Nickel (mg/L)	**MW-39**	**-0.002067**	**-86**	**-53**	**Yes**	**16**	**6.25**	**n/a**	**n/a**	**0.02**	**NP**
Nickel (mg/L)	MW-55	-0.0005368	-50	-53	No	16	56.25	n/a	n/a	0.02	NP
Nickel (mg/L)	**MW-56**	**-0.001376**	**-66**	**-53**	**Yes**	**16**	**12.5**	**n/a**	**n/a**	**0.02**	**NP**
Nickel (mg/L)	MW-58	-0.001499	-30	-53	No	16	12.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-57R	-0.003035	-17	-31	No	11	0	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-73	-0.001991	-23	-31	No	11	0	n/a	n/a	0.02	NP
Nitrate as N (mg/L)	SW-105	0	0	13	No	6	50	n/a	n/a	0.02	NP
Nitrate as N (mg/L)	SW-107	0.3109	2	20	No	8	0	n/a	n/a	0.02	NP
Selenium (mg/L)	GU-3A	0	3	53	No	16	87.5	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-14R	0	5	53	No	16	93.75	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-18	0	9	53	No	16	93.75	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-19	0	9	53	No	16	93.75	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-23 (bg)	0	0	53	No	16	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-24R (bg)	0.000006035	38	48	No	15	46.67	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Selenium (mg/L)	MW-28	0	9	53	No	16	93.75	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-29	0	0	53	No	16	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-30R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-33R	0	1	53	No	16	93.75	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-39	0	-9	-53	No	16	93.75	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-56	0	3	53	No	16	87.5	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-58	0	-1	-53	No	16	87.5	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-73	0	0	27	No	10	100	n/a	n/a	0.02	NP
Silver (mg/L)	GU-3A	0	5	53	No	16	93.75	n/a	n/a	0.02	NP
Silver (mg/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-23 (bg)	0	0	53	No	16	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-24R (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-29	0	0	53	No	16	81.25	n/a	n/a	0.02	NP
Silver (mg/L)	MW-30R	0	3	53	No	16	93.75	n/a	n/a	0.02	NP
Silver (mg/L)	MW-31R	0	-3	-53	No	16	93.75	n/a	n/a	0.02	NP
Silver (mg/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-39	0	-9	-53	No	16	93.75	n/a	n/a	0.02	NP
Silver (mg/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-56	0	7	53	No	16	93.75	n/a	n/a	0.02	NP
Silver (mg/L)	MW-58	0	-5	-53	No	16	93.75	n/a	n/a	0.02	NP
Silver (mg/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-14R	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-18	0	-10	-31	No	11	90.91	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-23 (bg)	0.3235	3	8	No	4	75	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-24R (bg)	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-29	0	2	31	No	11	90.91	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-30R	0	-1	-17	No	7	57.14	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-31R	0	-7	-17	No	7	71.43	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-32R	0	-4	-17	No	7	85.71	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-33R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-55	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-56	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-58	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-57R	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Tetrachloroethene (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-18	0	15	53	No	16	93.75	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Tetrachloroethene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-29	0	0	53	No	16	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-30R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-68	0	-12	-39	No	13	92.31	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-69	0	-26	-44	No	14	78.57	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-70	0	0	31	No	11	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	PZ-13	0	0	44	No	14	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
Thallium (mg/L)	GU-3A	0	6	53	No	16	81.25	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-18	0	11	53	No	16	93.75	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-19	0	13	53	No	16	87.5	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-23 (bg)	0	0	53	No	16	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-24R (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-28	0	11	53	No	16	93.75	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-29	0	0	53	No	16	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-30R	0	-9	-53	No	16	93.75	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-32R	0	7	53	No	16	93.75	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-73	0	0	31	No	11	90.91	n/a	n/a	0.02	NP
Tin (mg/L)	MW-14R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-18	0	0	8	No	4	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-19	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-24R (bg)	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-28	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-29	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-30R	0	-11	-20	No	8	75	n/a	n/a	0.02	NP
Tin (mg/L)	MW-31R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-32R	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-33R	0	-10	-31	No	11	90.91	n/a	n/a	0.02	NP
Tin (mg/L)	MW-39	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-55	0	-11	-53	No	16	93.75	n/a	n/a	0.02	NP
Tin (mg/L)	MW-56	0	0	17	No	7	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-58	0	0	8	No	4	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Tin (mg/L)	MW-57R	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	GU-3A	0	-22	-53	No	16	75	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-29	0	26	53	No	16	68.75	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-30R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-55	0	3	53	No	16	93.75	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Toluene (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-14R	0.06067	19	31	No	11	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-24R (bg)	0.03422	6	23	No	9	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-29	0.04758	2	35	No	12	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-30R	0.04687	10	31	No	11	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-31R	-0.01024	-10	-31	No	11	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-32R	-0.06781	-14	-35	No	12	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-33R	0.07897	32	35	No	12	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-70	0.1396	31	44	No	14	7.143	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-57R	-0.425	-19	-27	No	10	0	n/a	n/a	0.02	NP
Total Organic Carbon (mg/L)	MW-73	0.1567	11	31	No	11	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	GU-3A	-6.994	-24	-35	No	12	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-14R	0.16	23	44	No	14	28.57	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-18	-0.1843	-33	-48	No	15	20	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-19	-0.1317	-31	-39	No	13	15.38	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-23 (bg)	0	0	35	No	12	41.67	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-24R (bg)	-0.3381	-33	-35	No	12	16.67	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-28	0.1514	23	44	No	14	7.143	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-29	-1.733	-31	-48	No	15	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-30R	-5.507	-42	-48	No	15	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-31R	-1.278	-26	-39	No	13	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-32R	0.1761	1	44	No	14	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-33R	-3.156	-13	-44	No	14	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-39	-0.5067	-41	-44	No	14	28.57	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-55	-0.3466	-28	-44	No	14	14.29	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-56	-1.337	-11	-31	No	11	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-58	-0.916	-8	-35	No	12	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-60	-0.05372	-3	-27	No	10	10	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Total Suspended Solids (mg/L)	MW-62	-0.1686	-4	-23	No	9	11.11	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-68	0.682	17	31	No	11	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-69	1.094	27	31	No	11	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-70	-0.4867	-29	-44	No	14	14.29	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	PZ-13	0	-22	-44	No	14	64.29	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	SW-101	1.133	11	17	No	7	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	SW-102	2.952	5	17	No	7	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	SW-103	-7.262	-19	-20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	SW-106	-7.923	-12	-23	No	9	11.11	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	SW-107	-0.06842	0	20	No	8	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-57R	5.984	12	31	No	11	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-73	-15.42	-23	-31	No	11	0	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-14R	0	15	53	No	16	93.75	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	**MW-29**	**-0.0308**	**-54**	**-53**	**Yes**	**16**	**6.25**	**n/a**	**n/a**	**0.02**	**NP**
trans-1,2-Dichloroethene (ug/L)	**MW-30R**	**-0.06065**	**-60**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
trans-1,2-Dichloroethene (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-56	0	6	53	No	16	37.5	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-68	-0.01108	-22	-35	No	12	41.67	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-69	0.005127	29	39	No	13	53.85	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-70	0	0	27	No	10	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	PZ-13	0	0	39	No	13	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-57R	0.1555	26	31	No	11	27.27	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-73	0	-19	-31	No	11	81.82	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-14R	0.1925	26	53	No	16	0	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	**MW-29**	**-0.3726**	**-91**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Trichloroethene (ug/L)	MW-30R	-0.08117	-39	-53	No	16	0	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Trichloroethene (ug/L)	**MW-68**	**-0.01211**	**-49**	**-39**	**Yes**	**13**	**53.85**	**n/a**	**n/a**	**0.02**	**NP**
Trichloroethene (ug/L)	**MW-69**	**-0.05966**	**-49**	**-44**	**Yes**	**14**	**57.14**	**n/a**	**n/a**	**0.02**	**NP**
Trichloroethene (ug/L)	MW-70	0	0	31	No	11	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	PZ-13	0	-26	-44	No	14	71.43	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-57R	0.05507	22	31	No	11	54.55	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	GU-3A	0	-9	-53	No	16	62.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-14R	0	-5	-53	No	16	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-19	0	5	53	No	16	93.75	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-23 (bg)	0	1	53	No	16	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-24R (bg)	0	2	48	No	15	66.67	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-29	0	1	53	No	16	93.75	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-30R	-0.00007221	-24	-53	No	16	25	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-31R	0	9	53	No	16	68.75	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-32R	0.0001014	49	53	No	16	37.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-33R	-0.00001641	-11	-53	No	16	18.75	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-39	0	-1	-53	No	16	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-56	0	6	53	No	16	81.25	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-58	0	-4	-53	No	16	81.25	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-57R	0.0002897	19	31	No	11	0	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-73	-0.00005609	-8	-31	No	11	18.18	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	GU-3A	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	**MW-14R**	**0.08498**	**60**	**53**	**Yes**	**16**	**50**	**n/a**	**n/a**	**0.02**	**NP**
Vinyl Chloride (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-29	-0.09364	-34	-53	No	16	0	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	**MW-30R**	**-0.2696**	**-58**	**-53**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Vinyl Chloride (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-68	-0.009367	-30	-39	No	13	38.46	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	**MW-69**	**0.1193**	**48**	**44**	**Yes**	**14**	**14.29**	**n/a**	**n/a**	**0.02**	**NP**
Vinyl Chloride (ug/L)	MW-70	0	0	31	No	11	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	PZ-13	0	0	44	No	14	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-57R	0.112	17	31	No	11	9.091	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-73	-0.04904	-16	-31	No	11	54.55	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	GU-3A	0	6	53	No	16	81.25	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-14R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-18	0	0	53	No	16	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-19	0	0	53	No	16	100	n/a	n/a	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database Printed 4/29/2026, 4:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Xylenes, total (ug/L)	MW-23 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-24R (bg)	0	0	27	No	10	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-28	0	0	53	No	16	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-29	0	0	53	No	16	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-30R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-31R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-32R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-33R	0	0	53	No	16	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-39	0	0	53	No	16	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-55	0	0	53	No	16	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-56	0	0	53	No	16	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-58	0	0	53	No	16	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-68	0	0	13	No	6	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-69	0	0	13	No	6	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-70	0	0	13	No	6	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	PZ-13	0	0	13	No	6	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-57R	0	0	31	No	11	100	n/a	n/a	0.02	NP
Xylenes, total (ug/L)	MW-73	0	0	31	No	11	100	n/a	n/a	0.02	NP
Zinc (mg/L)	GU-3A	0	8	53	No	16	31.25	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-14R	0	1	53	No	16	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-18	0	4	53	No	16	75	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-19	0	-14	-53	No	16	81.25	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-23 (bg)	0	-28	-53	No	16	81.25	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-24R (bg)	0	-15	-53	No	16	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-28	0	-8	-53	No	16	81.25	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-29	0	-51	-53	No	16	68.75	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-30R	0	-12	-53	No	16	75	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-31R	0	-16	-53	No	16	75	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-32R	0	-36	-53	No	16	75	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-33R	0	-20	-53	No	16	75	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-39	0	-27	-53	No	16	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-55	0	-21	-53	No	16	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-56	-0.0002125	-36	-53	No	16	56.25	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-58	-0.001707	-51	-53	No	16	12.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-57R	0	6	31	No	11	63.64	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-73	0	5	31	No	11	36.36	n/a	n/a	0.02	NP

Attachment 3

Coefficient of Variation Summary Table

This page intentionally left blank

Attachment 3: Coefficient of Variation Summary Table

Well	Constituent	Coefficient of Variation	Critical Value
MW-14R	Acetone	0.03364	1
	Cadmium	0.8567	1
	Total Organic Carbon	0.3633	1
	Trichloroethene	0.8127	1
	Vinyl Chloride	1.221	1
MW-28	Arsenic	0.1495	1
MW-29	1,1-Dichloroethane	0.2491	1
	1,2-Dichloropropane	0.2738	1
	1,4-Dichlorobenzene	0.2758	1
	4,4'-DDD	0.5012	1
	Aldrin	0.3762	1
	Alpha-BHC	0.2317	1
	Benzene	0.2298	1
	Beta-BHC	0.3072	1
	Chlorobenzene	0.286	1
	cis-1,2-Dichloroethene	0.1933	1
	Cobalt	0.09371	1
	Endosulfan II	0	1
	Total Organic Carbon	0.4269	1
	Vinyl Chloride	0.2001	1
MW-30R	1,1-Dichloroethane	0.2577	1
	1,1-Dichloroethene	0.1702	1
	Arsenic	0.4796	1
	Barium	0.2991	1
	Benzene	0.3042	1
	cis-1,2-Dichloroethene	0.2698	1
	Cobalt	0.2748	1
	Total Organic Carbon	0.1858	1
	trans-1,2-Dichloroethene	0.1781	1
	Trichloroethene	0.2714	1
	Vinyl Chloride	0.3418	1
MW-31R	Arsenic	1.267	1
	Barium	0.4418	1
	Cobalt	1.63	1
	Total Organic Carbon	0.1444	1
MW-32R	Total Organic Carbon	0.244	1
MW-33R	Arsenic	0.5058	1
	Barium	0.1191	1
	Cobalt	0.09531	1
	Total Organic Carbon	0.2417	1
MW-39	Cobalt	0.8661	1
	Nickel	0.5152	1

Attachment 3: Coefficient of Variation Summary Table

Well	Constituent	Coefficient of Variation	Critical Value
MW-55	1,2-Dichloroethane	0	1
	Acetone	0.09131	1
	Barium	0.3953	1
	Benzene	0.4075	1
MW-56	Acetone	1.378	1
	Arsenic	0.7869	1
	Barium	0.576	1
	Benzene	0.9243	1
	Chloroethane	0.0007029	1
	Cobalt	0.3784	1
	Dichlorodifluoromethane	0.334	1
	Nickel	0.3444	1
	trans-1,2-Dichloroethene	0.4467	1
MW-57R	Arsenic	0.4382	1
	Barium	0.3415	1
	Benzene	0.6425	1
	Cadmium	0.3209	1
	cis-1,2-Dichloroethene	0.8667	1
	Cobalt	0.4126	1
	Lead	0.6361	1
	Nickel	0.2823	1
	Total Organic Carbon	0.4073	1
	trans-1,2-Dichloroethene	0.7654	1
	Trichloroethene	0.9004	1
	Vinyl Chloride	0.6777	1
MW-58	Acetone	0.6745	1
	Arsenic	0.2817	1
	Barium	0.2062	1
	Benzene	0.2385	1
	Chlorobenzene	0.2305	1
	Chloroethane	0.4922	1
	Copper	1.836	1
	Nickel	0.7165	1
MW-68	Benzene	0.7575	1
	cis-1,2-Dichloroethene	0.22	1
	Trichloroethene	0.1867	1
MW-69	Benzene	0.4311	1
	1,1-Dichloroethane	0.1819	1
	cis-1,2-Dichloroethene	0.6119	1
	Trichloroethene	0.5922	1
	Vinyl Chloride	0.6483	1
MW-70	Total Organic Carbon	0.3255	1
MW-73	Total Organic Carbon	0.1318	1

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: 1,1-Dichloroethane Analysis Run 6/7/2026 7:28 PM View: COV
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-29 (n = 10)				
	None	0.2491	1	No
MW-30R (n = 10)				
	None	0.2577	1	No
MW-69 (n = 6)				
	None	0.1819	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: 1,1-Dichloroethene Analysis Run 6/7/2026 7:28 PM View: COV
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-30R (n = 10)				
	None	0.1702	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: 1,2-Dichloroethane Analysis Run 6/7/2026 7:28 PM View: COV
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-55 (n = 11)				
	None	0	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: 1,2-Dichloropropane Analysis Run 6/7/2026 7:28 PM View: COV
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-29 (n = 10)				
	None	0.2738	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: 1,4-Dichlorobenzene Analysis Run 6/7/2026 7:28 PM View: COV
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-29 (n = 10)				
	None	0.2758	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: 4,4`-DDD Analysis Run 6/7/2026 7:28 PM View: COV

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-29 (n = 8)				
	None	0.5012	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: Acetone Analysis Run 6/7/2026 7:28 PM View: COV

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-14R (n = 10)				
	None	0.03364	1	No
MW-55 (n = 11)				
	None	0.09131	1	No
MW-56 (n = 10)				
	None	1.378	1	No
MW-58 (n = 10)				
	None	0.6745	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: Aldrin Analysis Run 6/7/2026 7:28 PM View: COV

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-29 (n = 6)				
	None	0.3762	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: Alpha-BHC Analysis Run 6/7/2026 7:28 PM View: COV

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-29 (n = 8)				
	None	0.2317	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: Arsenic Analysis Run 6/7/2026 7:28 PM View: COV

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-14R (n = 10)				
	None	1.471	1	No
MW-28 (n = 10)				
	None	0.1495	1	No
MW-30R (n = 10)				
	None	0.4796	1	No
MW-31R (n = 10)				
	None	1.267	1	No
MW-33R (n = 10)				
	None	0.5058	1	No
MW-56 (n = 10)				
	None	0.7869	1	No
MW-58 (n = 10)				
	None	0.2817	1	No
MW-57R (n = 11)				
	None	0.4382	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: Barium Analysis Run 6/7/2026 7:28 PM View: COV

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-14R (n = 10)				
	None	0.5127	1	No
MW-30R (n = 10)				
	None	0.2991	1	No
MW-31R (n = 10)				
	None	0.4418	1	No
MW-33R (n = 10)				
	None	0.1191	1	No
MW-55 (n = 11)				
	None	0.3953	1	No
MW-56 (n = 10)				
	None	0.576	1	No
MW-58 (n = 10)				
	None	0.2062	1	No
MW-57R (n = 11)				
	None	0.3415	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: Benzene Analysis Run 6/7/2026 7:28 PM View: COV
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-29 (n = 10)				
	None	0.2298	1	No
MW-30R (n = 10)				
	None	0.3042	1	No
MW-55 (n = 11)				
	None	0.4075	1	No
MW-56 (n = 10)				
	None	0.9243	1	No
MW-58 (n = 10)				
	None	0.2385	1	No
MW-68 (n = 6)				
	None	0.7575	1	No
MW-69 (n = 6)				
	None	0.4311	1	No
MW-57R (n = 11)				
	None	0.6425	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: Beta-BHC Analysis Run 6/7/2026 7:28 PM View: COV

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-29 (n = 8)				
	None	0.3072	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: Cadmium Analysis Run 6/7/2026 7:28 PM View: COV
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-14R (n = 10)				
	None	0.8567	1	No
MW-57R (n = 11)				
	None	0.3209	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: Chlorobenzene Analysis Run 6/7/2026 7:28 PM View: COV
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-29 (n = 10)				
	None	0.286	1	No
MW-58 (n = 10)				
	None	0.2305	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: Chloroethane Analysis Run 6/7/2026 7:28 PM View: COV
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-56 (n = 10)				
	None	0.0007029	1	No
MW-58 (n = 8)				
	None	0.4922	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: cis-1,2-Dichloroethene Analysis Run 6/7/2026 7:28 PM View: COV
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-29 (n = 10)				
	None	0.1933	1	No
MW-30R (n = 10)				
	None	0.2698	1	No
MW-68 (n = 9)				
	None	0.22	1	No
MW-69 (n = 10)				
	None	0.6119	1	No
MW-57R (n = 11)				
	None	0.8667	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: Cobalt Analysis Run 6/7/2026 7:28 PM View: COV

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-29 (n = 10)				
	None	0.09371	1	No
MW-30R (n = 10)				
	None	0.2748	1	No
MW-31R (n = 10)				
	None	1.63	1	No
MW-33R (n = 10)				
	None	0.09531	1	No
MW-39 (n = 10)				
	None	0.8661	1	No
MW-56 (n = 10)				
	None	0.3784	1	No
MW-57R (n = 11)				
	None	0.4126	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: Copper Analysis Run 6/7/2026 7:28 PM View: COV

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-58 (n = 10)				
	None	1.836	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: Dichlorodifluoromethane Analysis Run 6/7/2026 7:28 PM View: COV
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-56 (n = 8)				
	None	0.334	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: Endosulfan II Analysis Run 6/7/2026 7:28 PM View: COV

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-29 (n = 7)				
	None	0	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: Lead Analysis Run 6/7/2026 7:28 PM View: COV

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-57R (n = 11)				
	None	0.6361	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: Nickel Analysis Run 6/7/2026 7:28 PM View: COV

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-39 (n = 10)				
	None	0.5152	1	No
MW-56 (n = 10)				
	None	0.3444	1	No
MW-58 (n = 10)				
	None	0.7165	1	No
MW-57R (n = 11)				
	None	0.2823	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: Total Organic Carbon Analysis Run 6/7/2026 7:28 PM View: COV
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-14R (n = 10)				
	None	0.3633	1	No
MW-29 (n = 10)				
	None	0.4269	1	No
MW-30R (n = 9)				
	None	0.1858	1	No
MW-31R (n = 10)				
	None	0.1444	1	No
MW-32R (n = 10)				
	None	0.244	1	No
MW-33R (n = 10)				
	None	0.2417	1	No
MW-70 (n = 10)				
	None	0.3255	1	No
MW-57R (n = 10)				
	None	0.4073	1	No
MW-73 (n = 11)				
	None	0.1318	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: trans-1,2-Dichloroethene Analysis Run 6/7/2026 7:28 PM View: COV
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-30R (n = 9)				
	None	0.1781	1	No
MW-56 (n = 10)				
	None	0.4467	1	No
MW-57R (n = 11)				
	None	0.7654	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: Trichloroethene Analysis Run 6/7/2026 7:28 PM View: COV
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-14R (n = 10)				
	None	0.8127	1	No
MW-30R (n = 10)				
	None	0.2714	1	No
MW-68 (n = 9)				
	None	0.1867	1	No
MW-69 (n = 10)				
	None	0.5922	1	No
MW-57R (n = 11)				
	None	0.9004	1	No

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG

Coefficient of Variation Normality Test

Constituent: Vinyl Chloride Analysis Run 6/7/2026 7:28 PM View: COV
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Well	Transformation	Calculated	Critical	Normal
MW-14R (n = 10)				
	None	1.221	1	No
MW-29 (n = 10)				
	None	0.2001	1	No
MW-30R (n = 10)				
	None	0.3418	1	No
MW-69 (n = 10)				
	None	0.6483	1	No
MW-57R (n = 11)				
	None	0.6777	1	No

This page intentionally left blank

Attachment 4

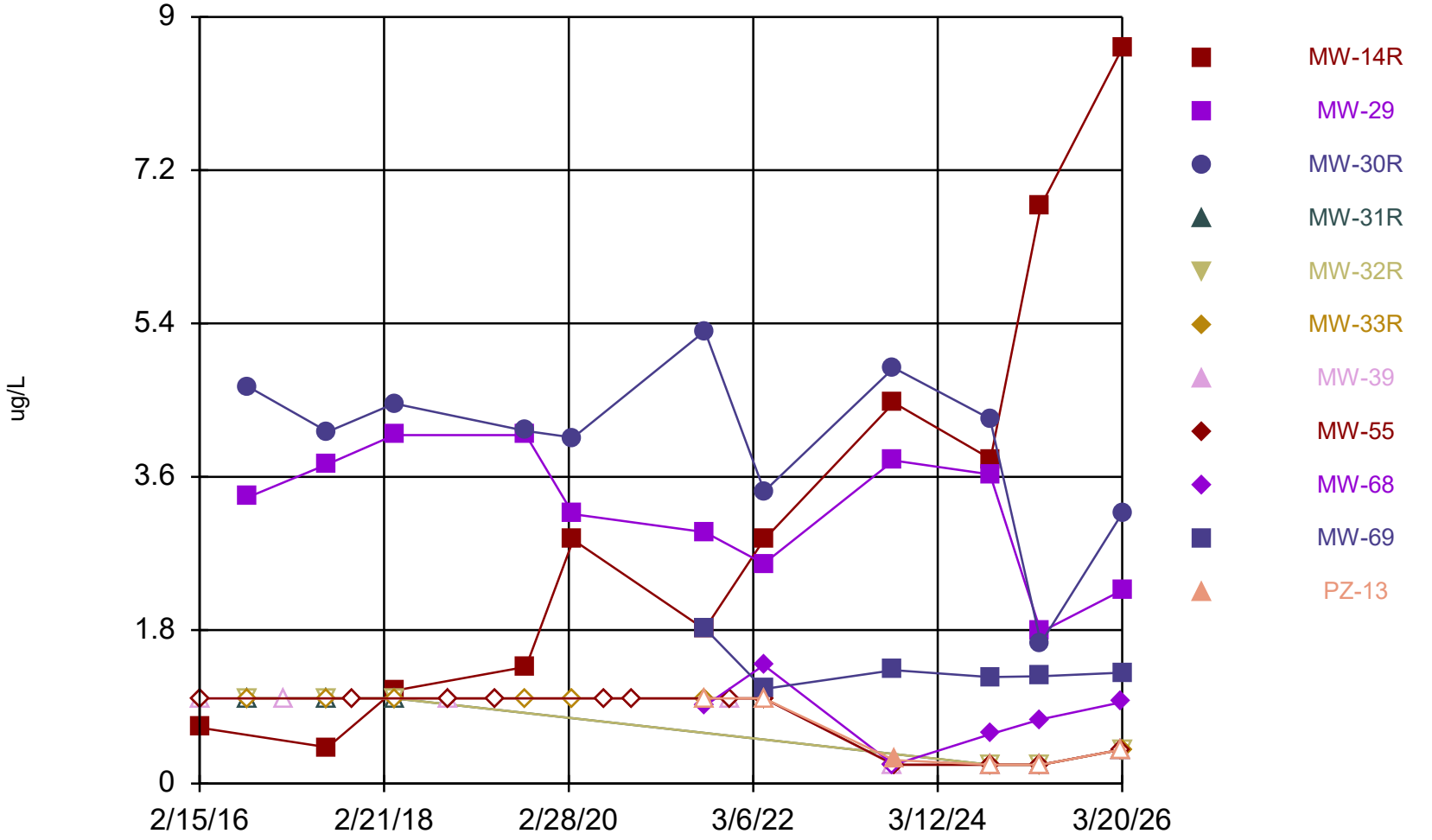
Cross-Sectional Time Series Graphs

This page intentionally left blank

South Area Cross-Sectional Time Series Graphs

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

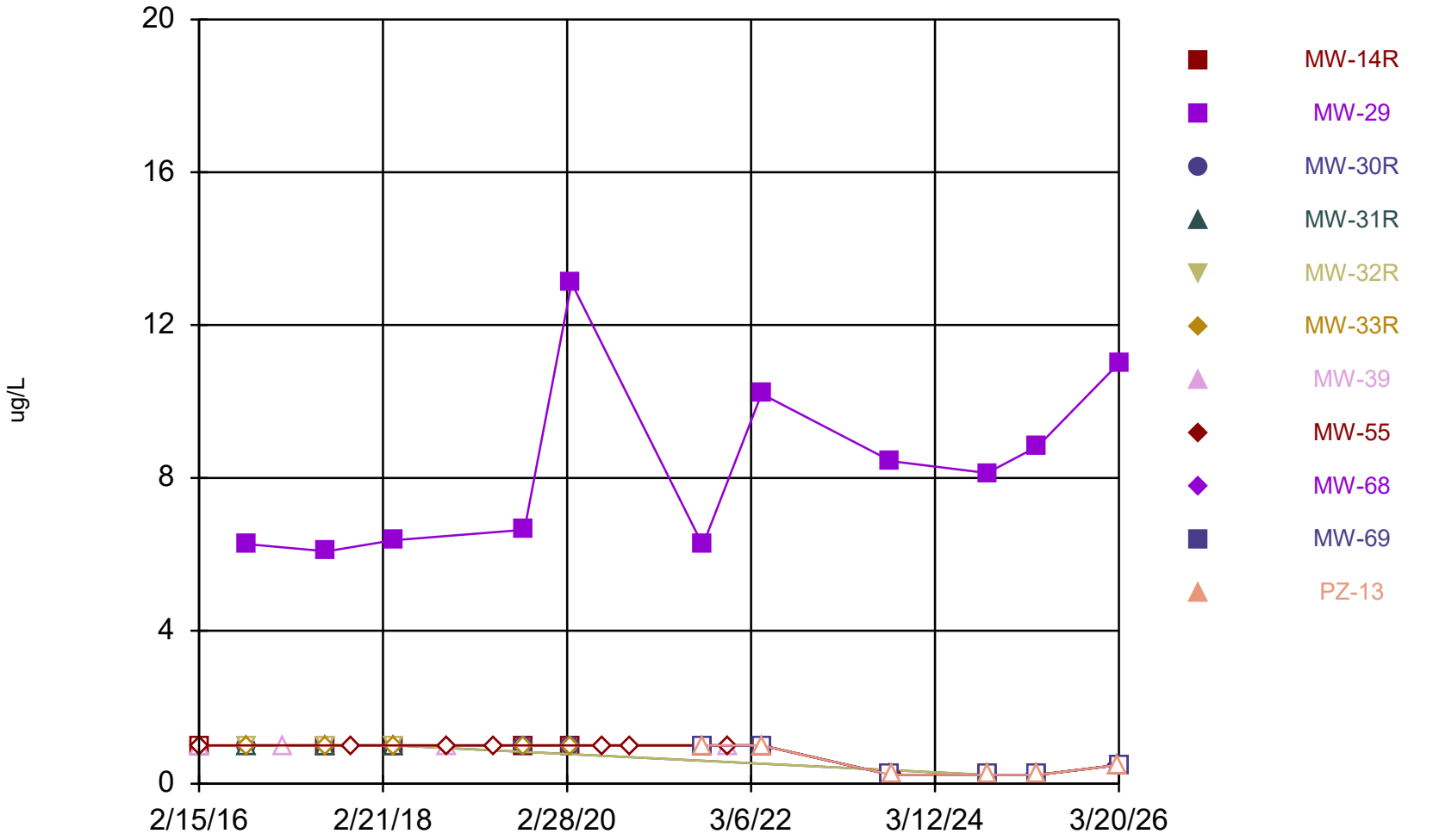


Constituent: 1,1-Dichloroethane Analysis Run 6/7/2026 7:36 PM View: South Area Cross-Sectional Time

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

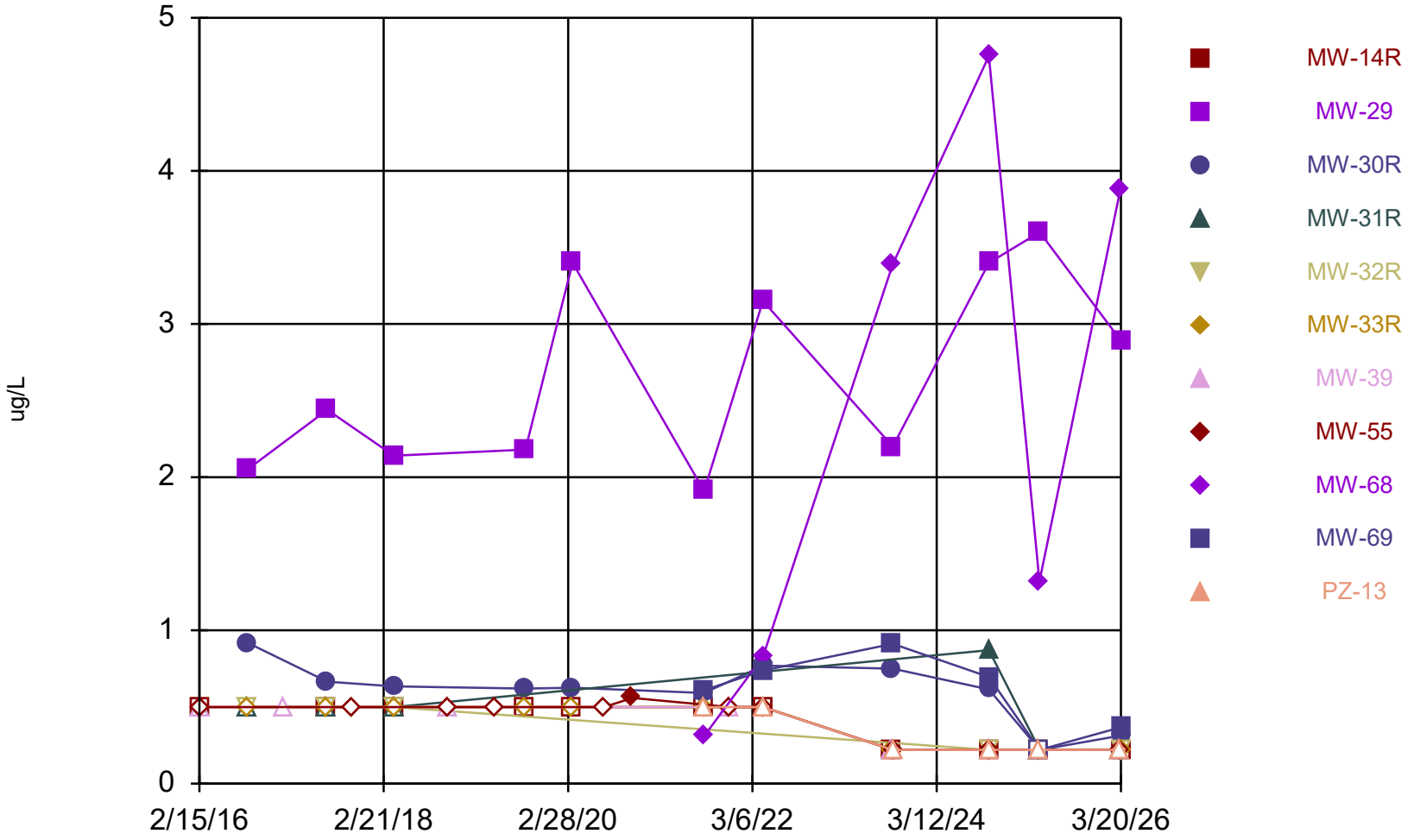


Constituent: 1,4-Dichlorobenzene Analysis Run 6/7/2026 7:36 PM View: South Area Cross-Sectional Time

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

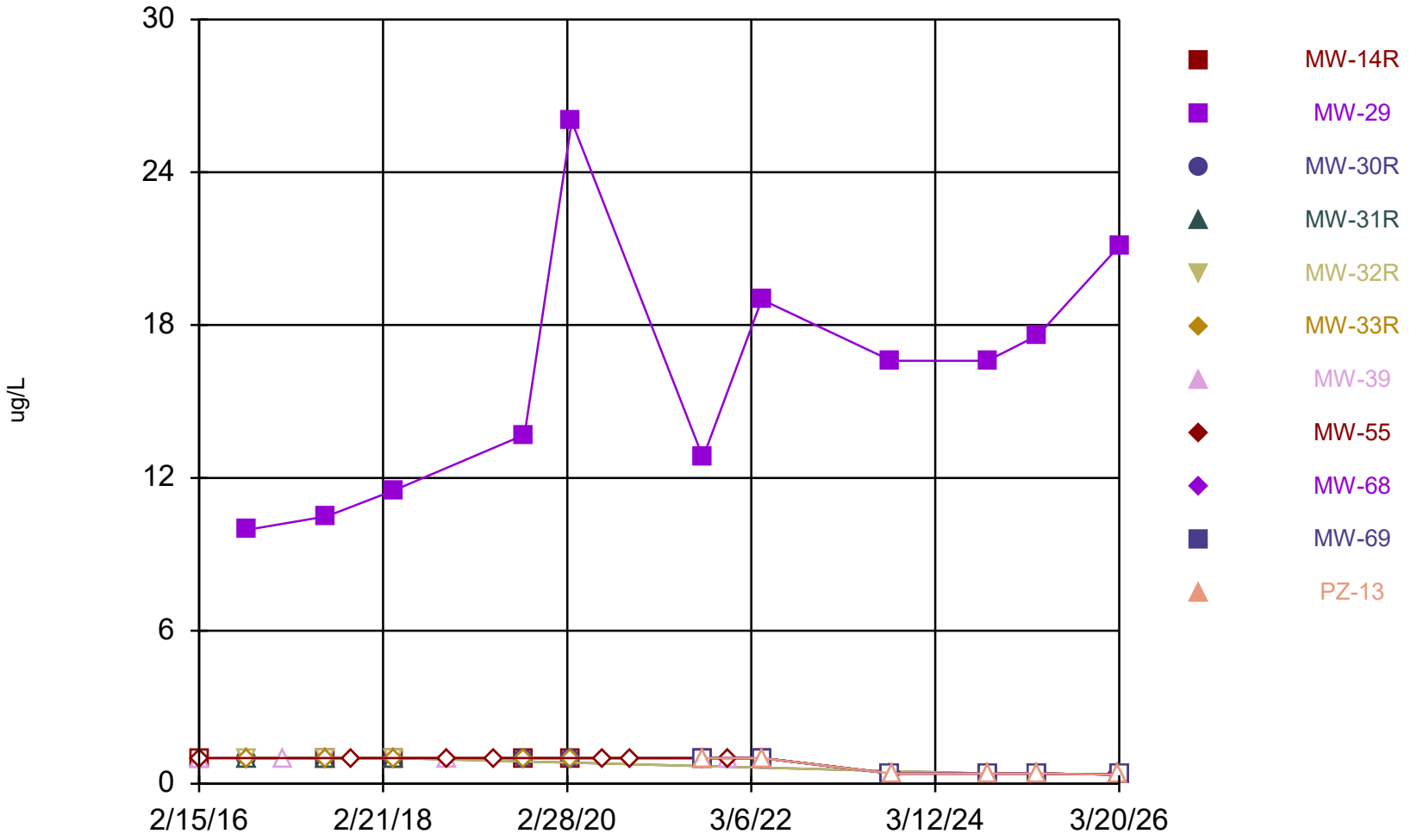


Constituent: Benzene Analysis Run 6/7/2026 7:36 PM View: South Area Cross-Sectional Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

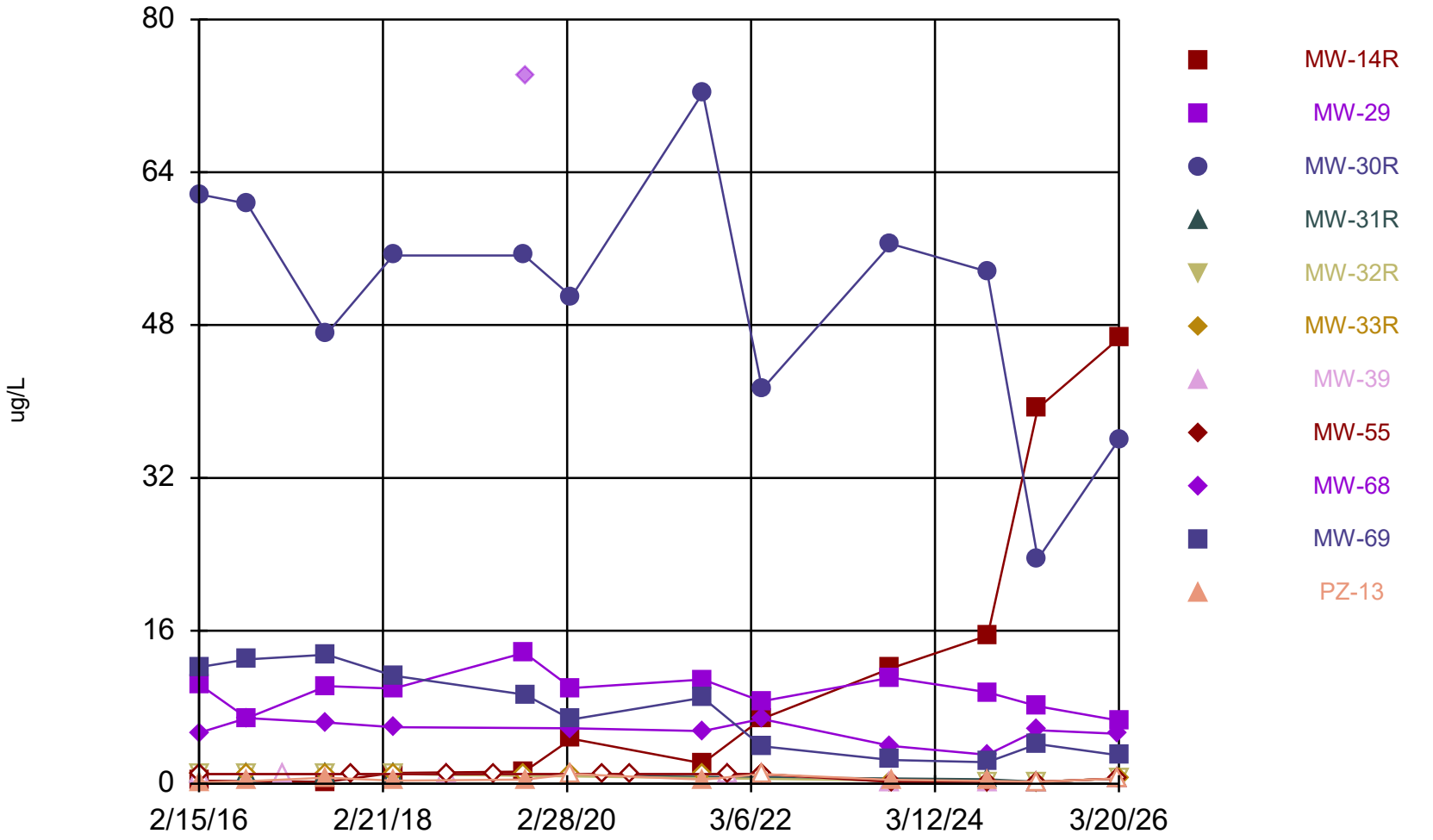


Constituent: Chlorobenzene Analysis Run 6/7/2026 7:36 PM View: South Area Cross-Sectional Time Seri

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

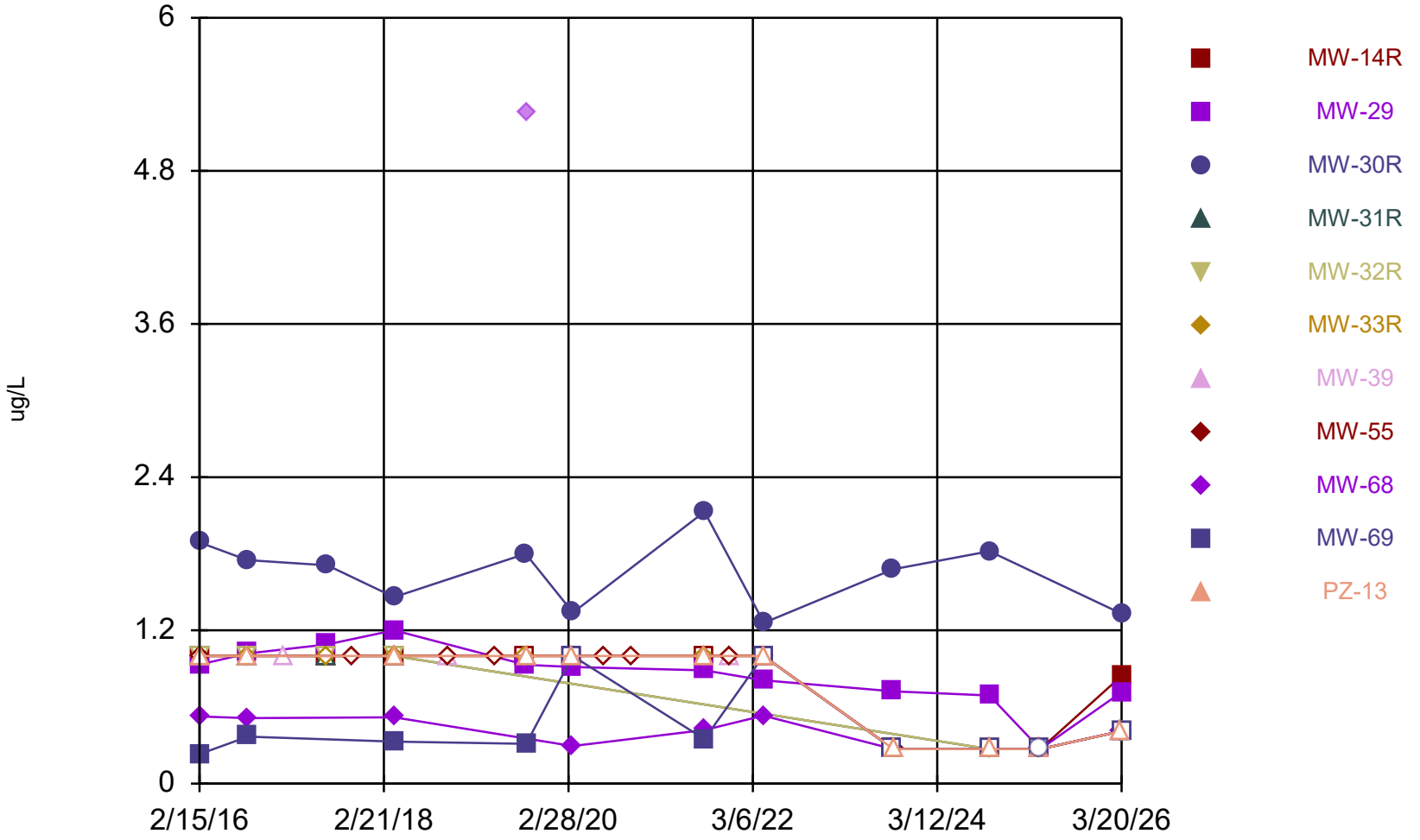


Constituent: cis-1,2-Dichloroethene Analysis Run 6/7/2026 7:36 PM View: South Area Cross-Sectional Ti

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

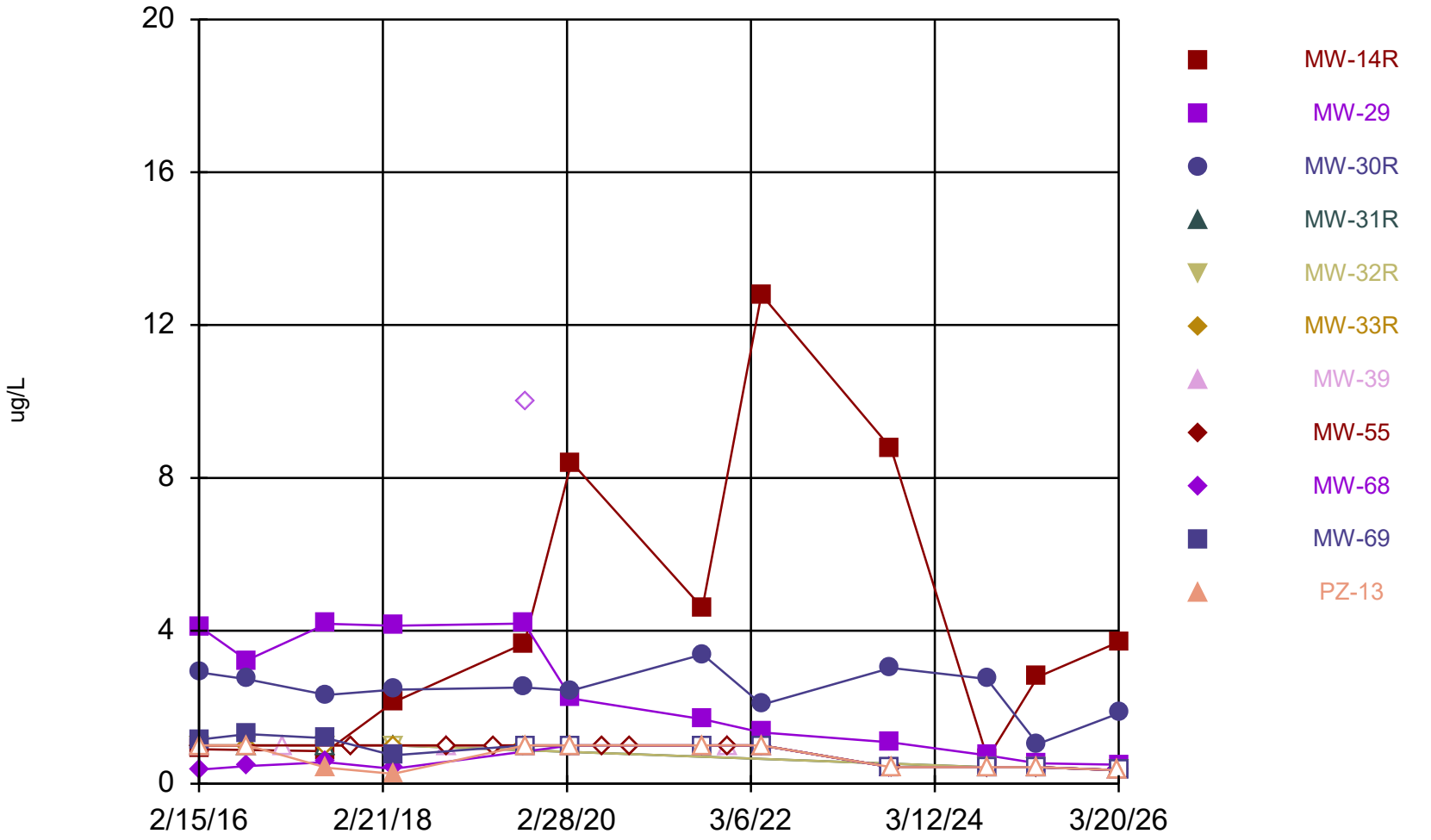


Constituent: trans-1,2-Dichloroethene Analysis Run 6/7/2026 7:36 PM View: South Area Cross-Sectional

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

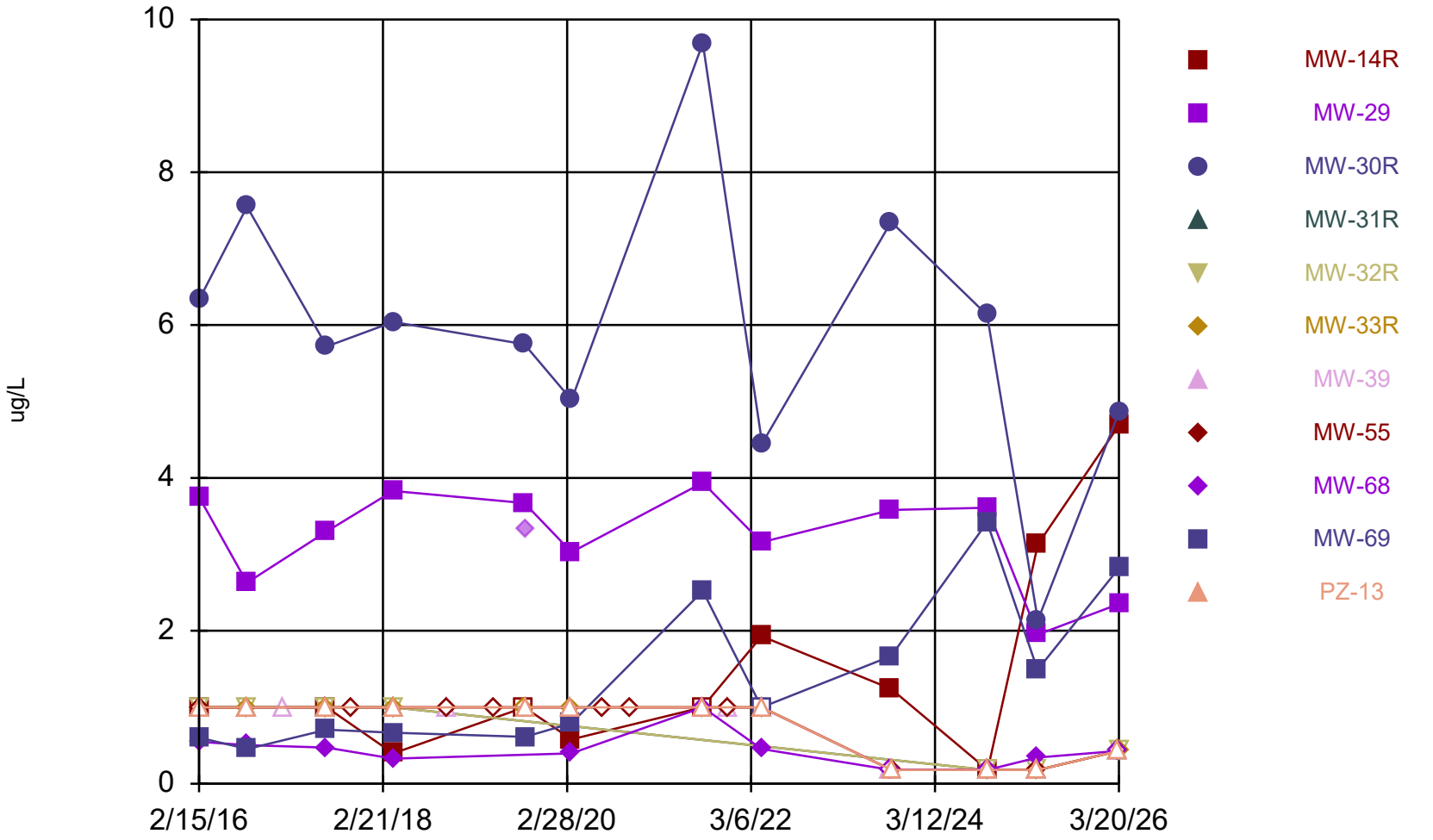


Constituent: Trichloroethene Analysis Run 6/7/2026 7:36 PM View: South Area Cross-Sectional Time Seri

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



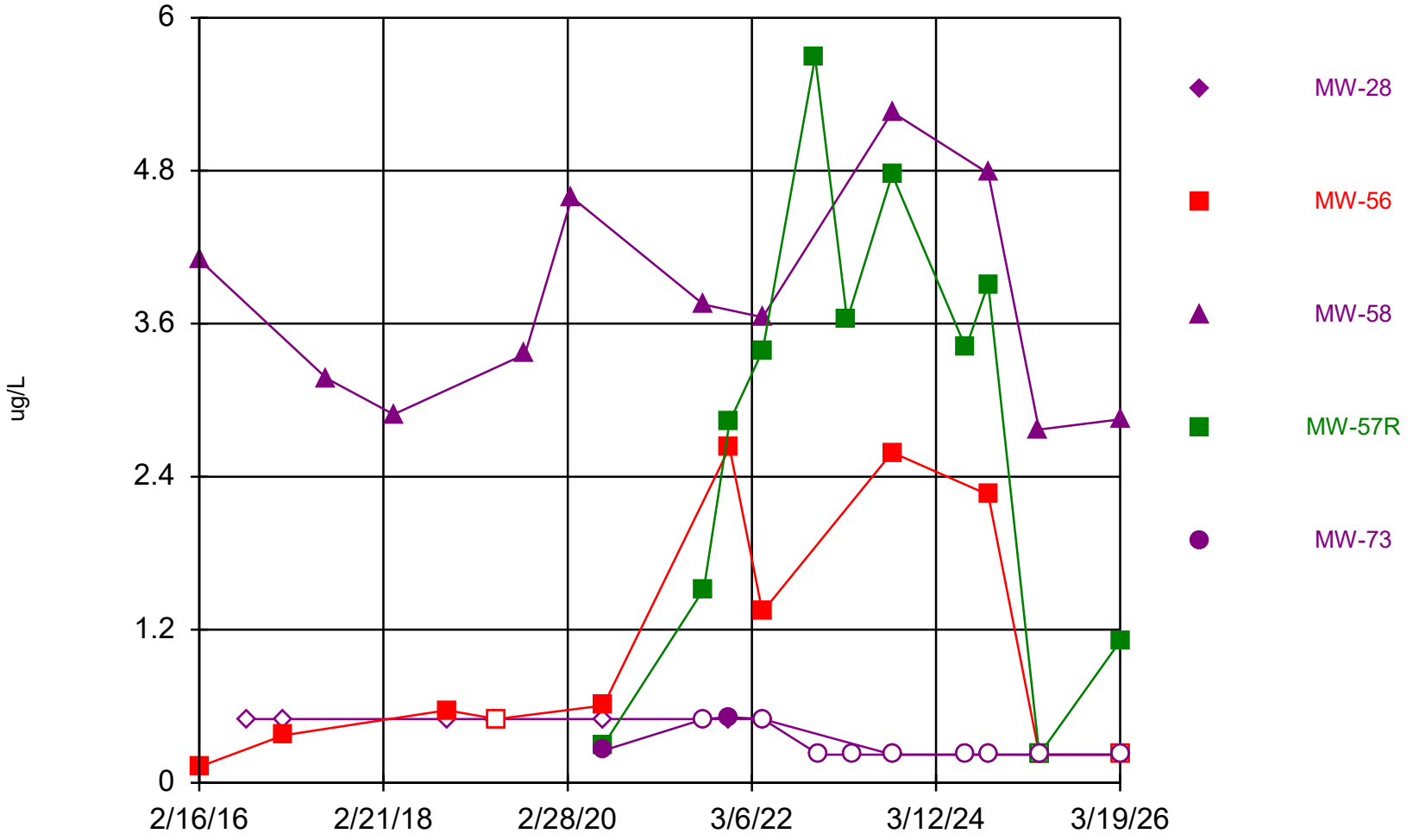
Constituent: Vinyl Chloride Analysis Run 6/7/2026 7:36 PM View: South Area Cross-Sectional Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Northwest Area Cross-Sectional Time Series Graphs

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

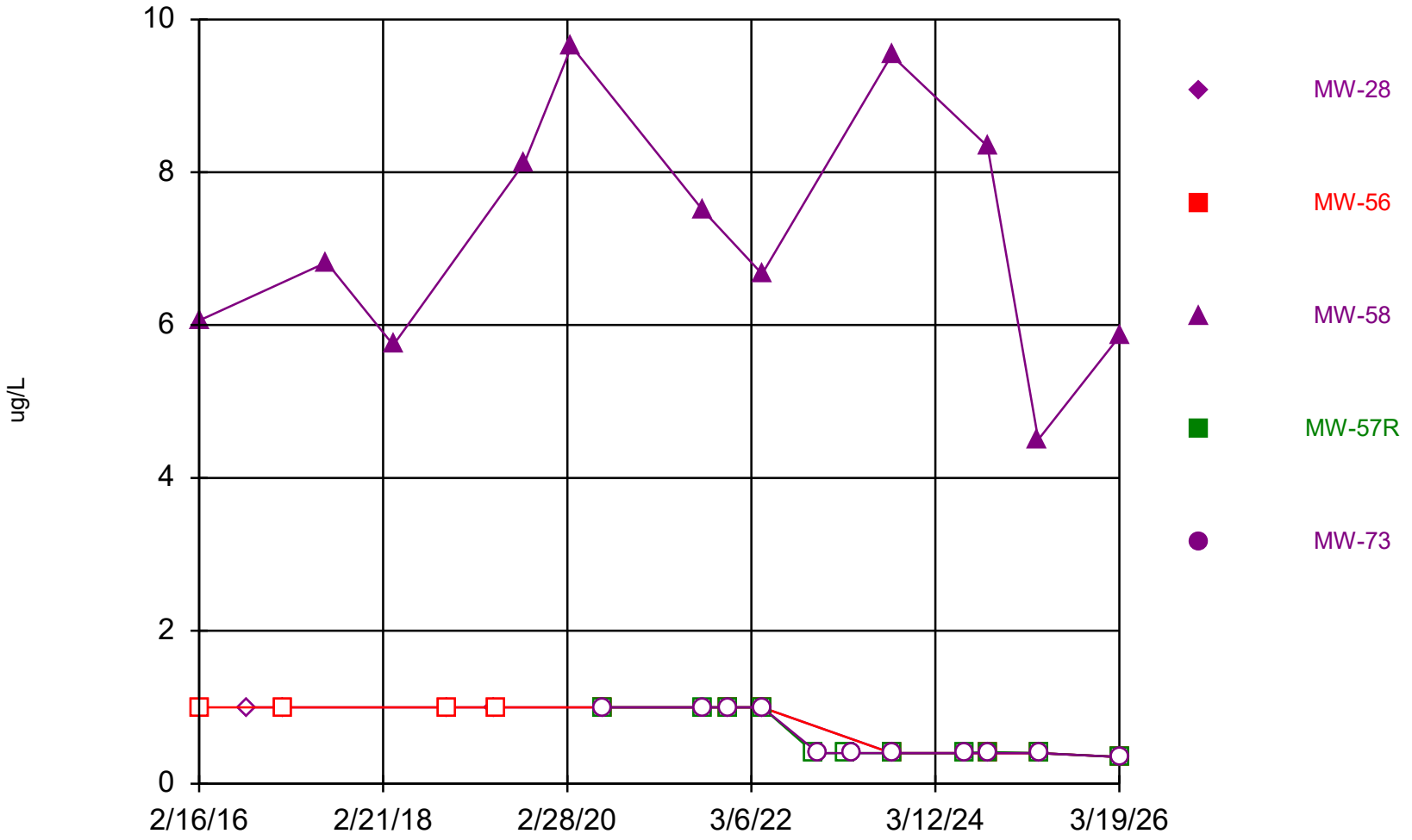


Constituent: Benzene Analysis Run 6/7/2026 7:43 PM View: Northwest Area Cross-Sectional Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

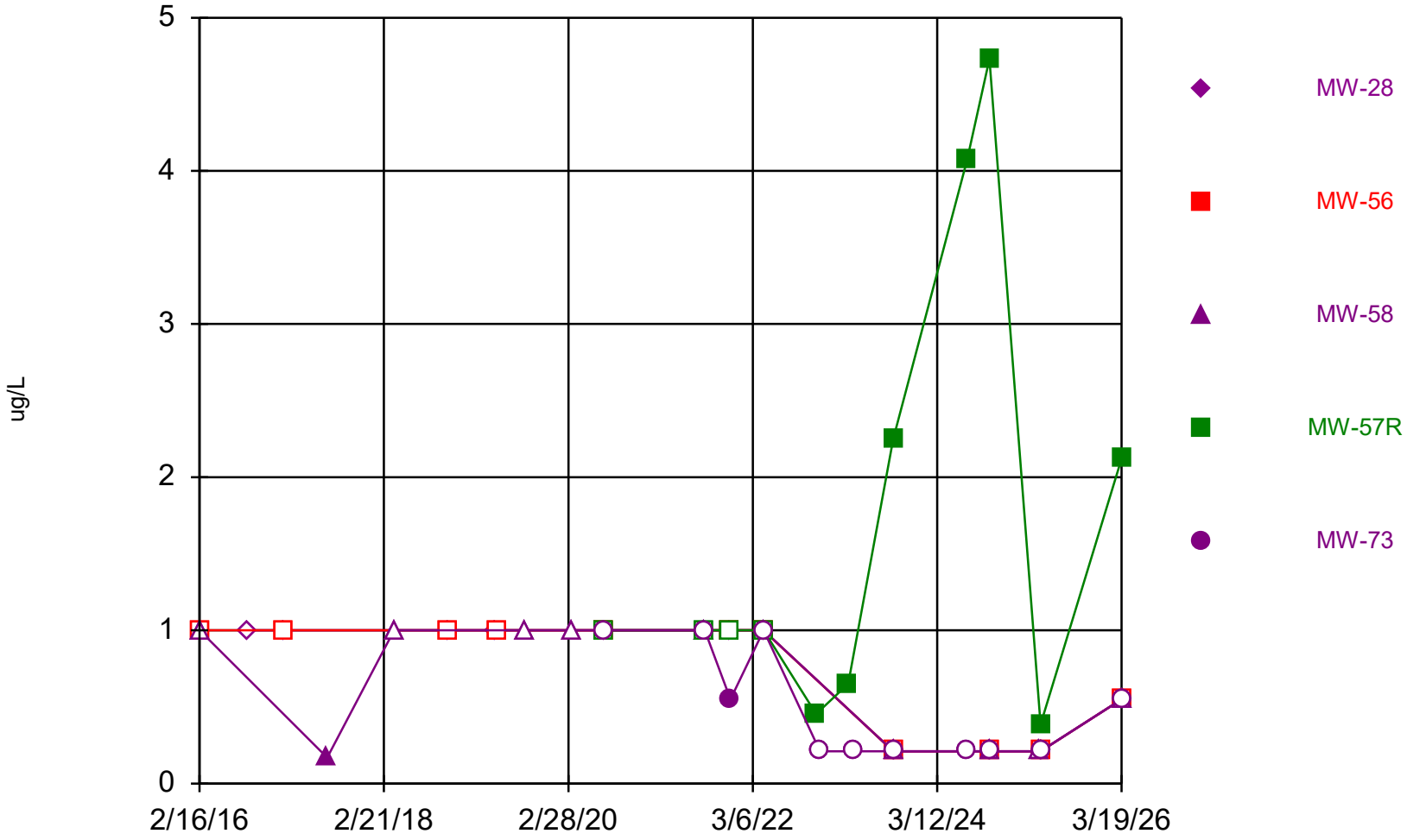


Constituent: Chlorobenzene Analysis Run 6/7/2026 7:43 PM View: Northwest Area Cross-Sectional Time

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

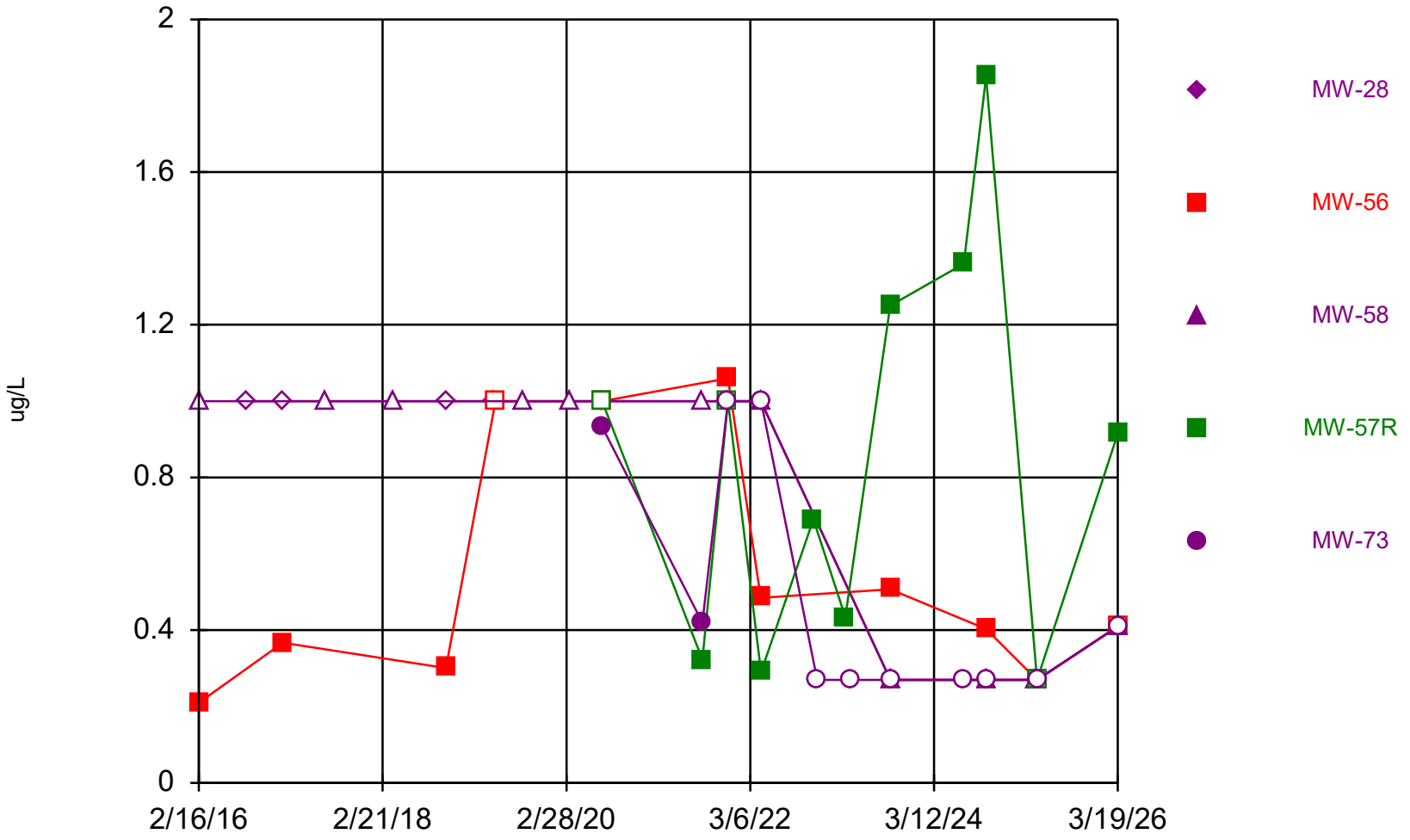


Constituent: cis-1,2-Dichloroethene Analysis Run 6/7/2026 7:43 PM View: Northwest Area Cross-Sectiona

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

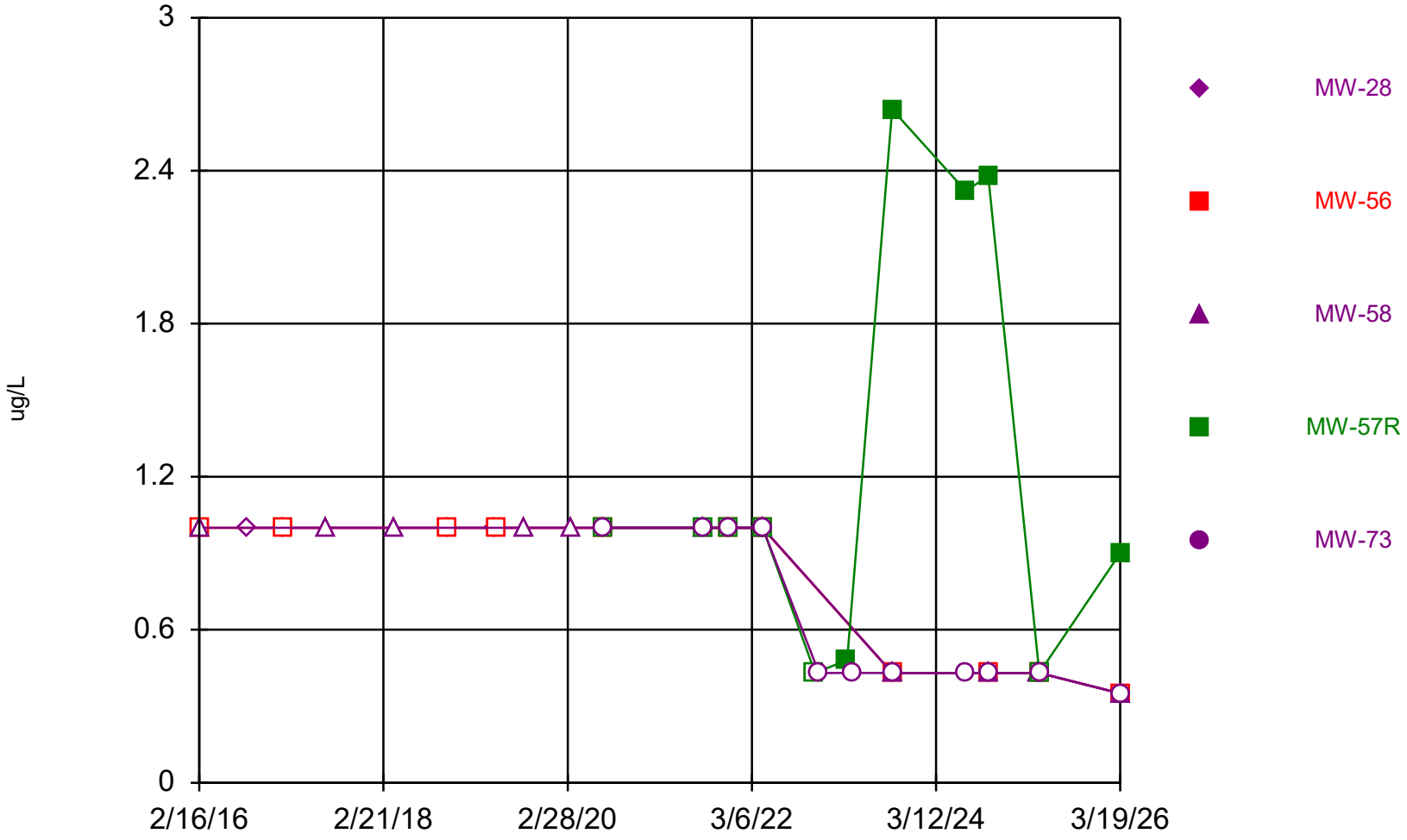


Constituent: trans-1,2-Dichloroethene Analysis Run 6/7/2026 7:43 PM View: Northwest Area Cross-Sectio

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

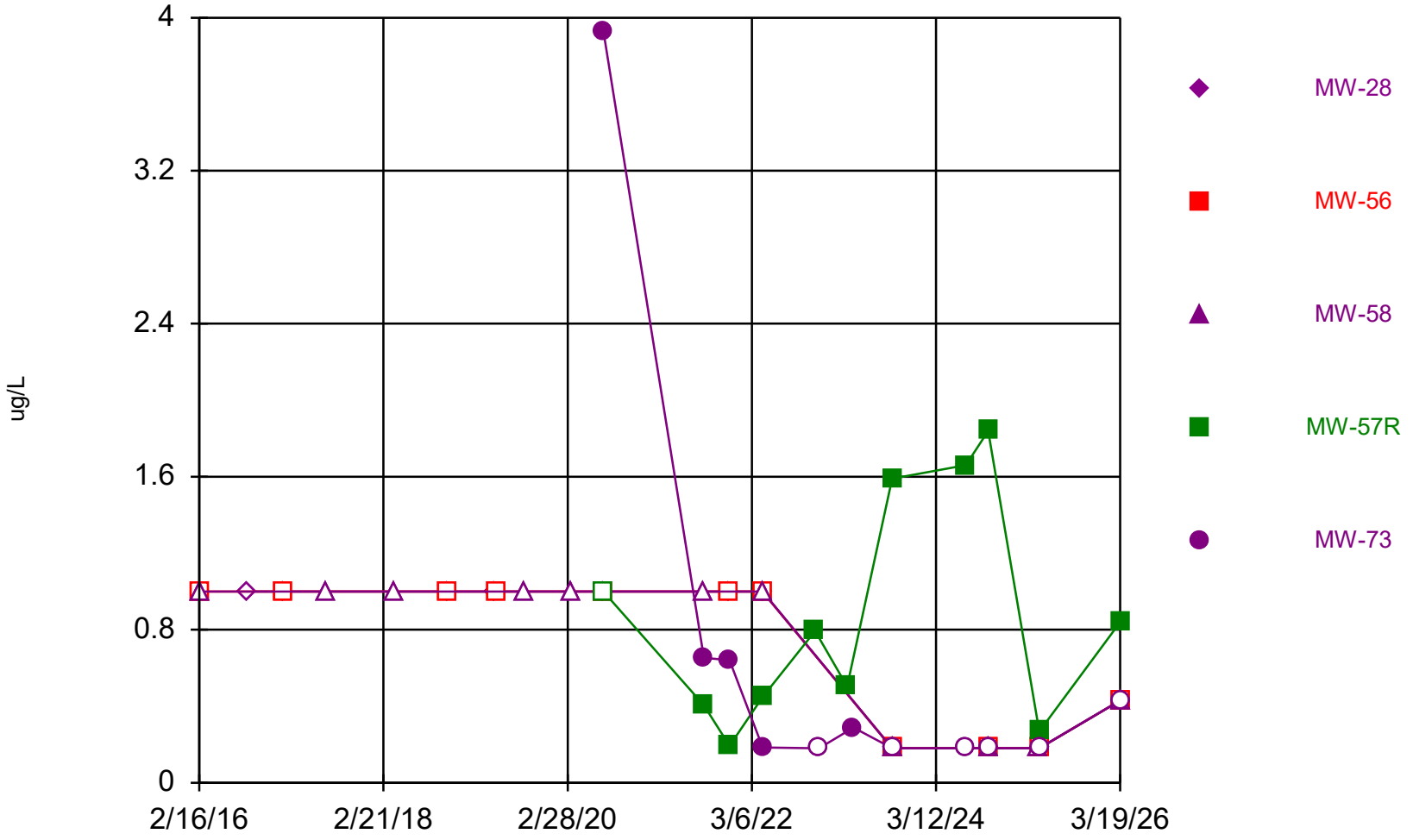


Constituent: Trichloroethene Analysis Run 6/7/2026 7:43 PM View: Northwest Area Cross-Sectional Time

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Vinyl Chloride Analysis Run 6/7/2026 7:43 PM View: Northwest Area Cross-Sectional Time S

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE Phase I Database